

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129413.D
 Acq On : 28 Jul 2022 17:31
 Operator : CG\JU
 Sample : N3920-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 02:08:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	218336	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	882669	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	472267	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	793635	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	437295	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	406414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1428630	106.590	ng	0.02
7) Phenol-d6	6.528	99	1877460	111.443	ng	0.01
23) Nitrobenzene-d5	7.451	82	1202563	74.372	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	514857	113.392	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2166122	70.953	ng	0.00
79) Terphenyl-d14	13.004	244	2195246	94.707	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	243693	40.298	ng	91
3) Pyridine	3.528	79	652690	38.865	ng	91
4) n-Nitrosodimethylamine	3.481	42	327885	44.462	ng	# 94
6) Aniline	6.551	93	825744	39.427	ng	99
8) 2-Chlorophenol	6.675	128	675700	46.144	ng	96
9) Benzaldehyde	6.439	77	330103	28.853	ng	98
10) Phenol	6.539	94	797589m	44.458	ng	
11) bis(2-Chloroethyl)ether	6.622	93	641190	45.066	ng	93
12) 1,3-Dichlorobenzene	6.828	146	700151	44.582	ng	97
13) 1,4-Dichlorobenzene	6.904	146	704581	44.114	ng	99
14) 1,2-Dichlorobenzene	7.051	146	675152	45.989	ng	98
15) Benzyl Alcohol	7.034	79	577986	47.305	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	928228	43.402	ng	90
17) 2-Methylphenol	7.145	107	532553	43.839	ng	95
18) Hexachloroethane	7.392	117	272463	45.304	ng	# 88
19) n-Nitroso-di-n-propyla...	7.298	70	454043	44.519	ng	93
20) 3+4-Methylphenols	7.298	107	631135	40.862	ng	# 79
22) Acetophenone	7.298	105	891782	43.395	ng	# 94
24) Nitrobenzene	7.469	77	701317	42.119	ng	97
25) Isophorone	7.710	82	1298126	44.788	ng	98
26) 2-Nitrophenol	7.786	139	363533	44.256	ng	94
27) 2,4-Dimethylphenol	7.822	122	617791m	50.139	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	798218	47.474	ng	99
29) 2,4-Dichlorophenol	8.028	162	555066	43.646	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	561838	42.681	ng	97
31) Naphthalene	8.192	128	1875209	41.815	ng	99
32) Benzoic acid	7.945	122	240191	26.965	ng	97
33) 4-Chloroaniline	8.239	127	601062	32.646	ng	99
34) Hexachlorobutadiene	8.304	225	329700	44.062	ng	99
35) Caprolactam	8.628	113	180053m	43.548	ng	
36) 4-Chloro-3-methylphenol	8.728	107	607465	45.036	ng	97
37) 2-Methylnaphthalene	8.880	142	1248679	42.847	ng	99
38) 1-Methylnaphthalene	8.980	142	1193170	42.412	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	538967	43.463	ng	# 98
41) Hexachlorocyclopentadiene	9.033	237	597966	108.289	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	385080	42.755	ng	99

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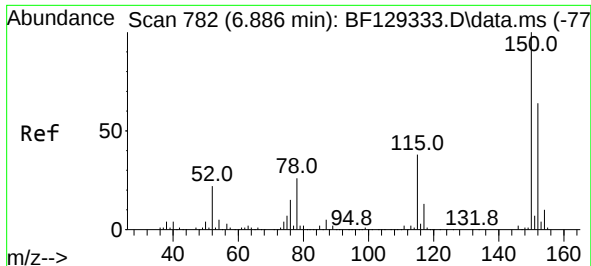
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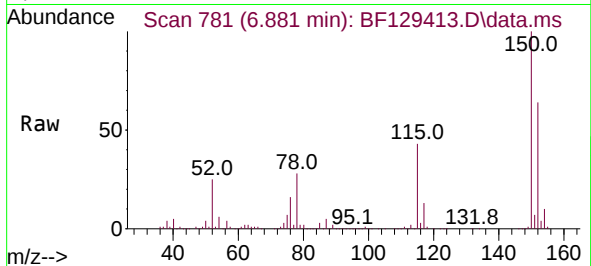
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	410099	41.870	ng	96
46) 1,1'-Biphenyl	9.345	154	1495084	43.379	ng	100
47) 2-Chloronaphthalene	9.375	162	1180309	42.362	ng	100
48) 2-Nitroaniline	9.475	65	390522	42.151	ng	93
49) Acenaphthylene	9.792	152	1785442	42.172	ng	100
50) Dimethylphthalate	9.651	163	1414027	43.372	ng	99
51) 2,6-Dinitrotoluene	9.716	165	317037	43.448	ng	95
52) Acenaphthene	9.963	154	1272260m	46.010	ng	
53) 3-Nitroaniline	9.886	138	279206	32.403	ng	# 96
54) 2,4-Dinitrophenol	9.998	184	290142	77.888	ng	# 88
55) Dibenzofuran	10.133	168	1624735	42.623	ng	95
56) 4-Nitrophenol	10.063	139	484547	76.224	ng	98
57) 2,4-Dinitrotoluene	10.122	165	417798	43.829	ng	99
58) Fluorene	10.480	166	1303380	42.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	308431	40.748	ng	# 92
60) Diethylphthalate	10.351	149	1377061	43.694	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	587885	43.722	ng	91
62) 4-Nitroaniline	10.510	138	341940	40.003	ng	95
63) Azobenzene	10.627	77	1339188	41.661	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	197086	39.345	ng	91
66) n-Nitrosodiphenylamine	10.592	169	1124753	42.556	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	383149	44.088	ng	# 91
68) Hexachlorobenzene	11.027	284	418528	44.446	ng	96
69) Atrazine	11.121	200	381640	47.539	ng	97
70) Pentachlorophenol	11.227	266	390393	76.262	ng	99
71) Phenanthrene	11.445	178	1816292	41.925	ng	100
72) Anthracene	11.498	178	1832156	43.035	ng	99
73) Carbazole	11.657	167	1690732	42.188	ng	99
74) Di-n-butylphthalate	11.974	149	2103450	44.073	ng	99
75) Fluoranthene	12.633	202	1787034	40.711	ng	98
77) Benzidine	12.757	184	733263	47.465	ng	99
78) Pyrene	12.868	202	1768236	48.355	ng	99
80) Butylbenzylphthalate	13.474	149	795788	50.172	ng	96
81) Benzo(a)anthracene	14.051	228	1256203	42.054	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	392153	39.761	ng	97
83) Chrysene	14.092	228	1155690	41.051	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1040372	49.822	ng	99
85) Di-n-octyl phthalate	14.645	149	1459610	48.574	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1325475	48.431	ng	100
88) Benzo(b)fluoranthene	15.115	252	1128999	41.879	ng	99
89) Benzo(k)fluoranthene	15.145	252	1087393	41.160	ng	99
90) Benzo(a)pyrene	15.492	252	1012626	46.272	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	1140086	51.182	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1162205	51.060	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 782
Delta R.T. -0.005 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

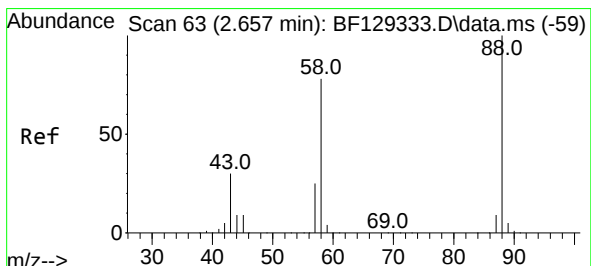
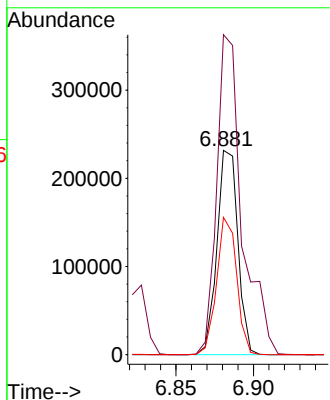
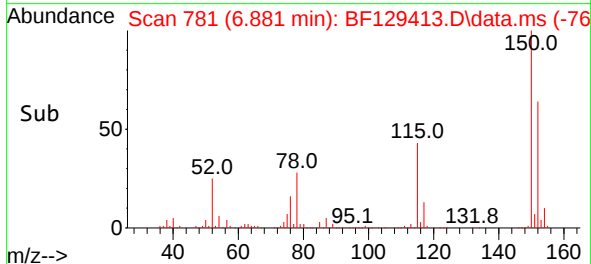
Instrument :
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PB-07-27-2022MS



Tgt Ion: 152 Resp: 218336
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 67.2 49.9 74.9

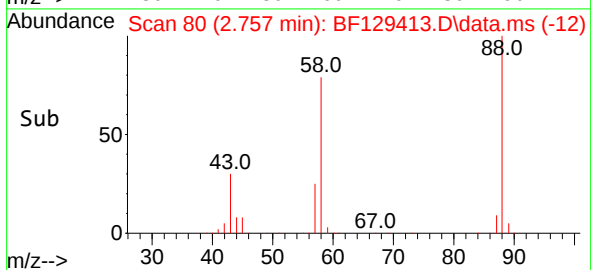
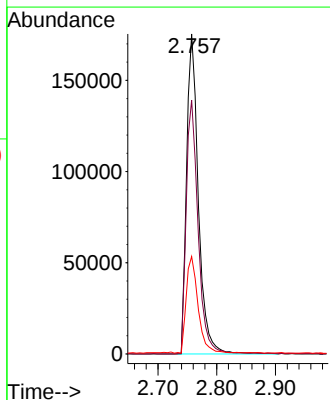
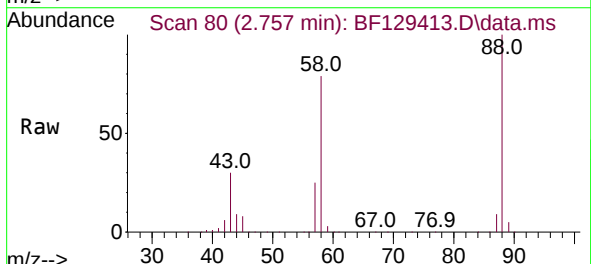
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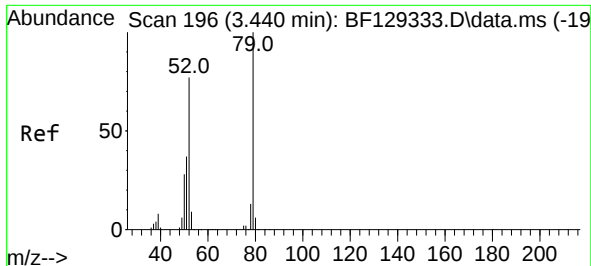
Reviewed By : Christian Giraldo 07/29/2022
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#2
1,4-Dioxane
Concen: 40.298 ng
RT: 2.757 min Scan# 80
Delta R.T. 0.100 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

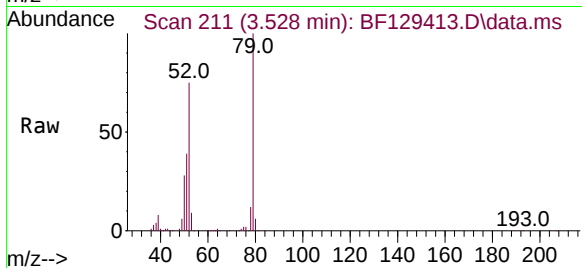
Tgt Ion: 88 Resp: 243693
Ion Ratio Lower Upper
88 100
58 79.8 71.8 107.8
43 30.4 26.6 39.8





#3
Pyridine
Concen: 38.865 ng
RT: 3.528 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

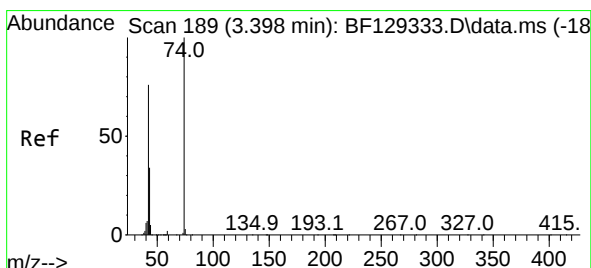
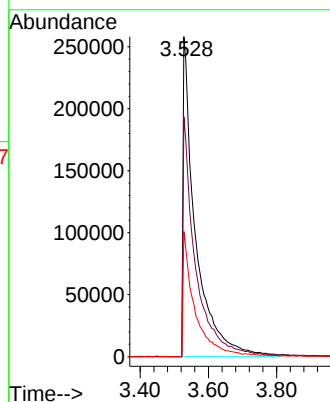
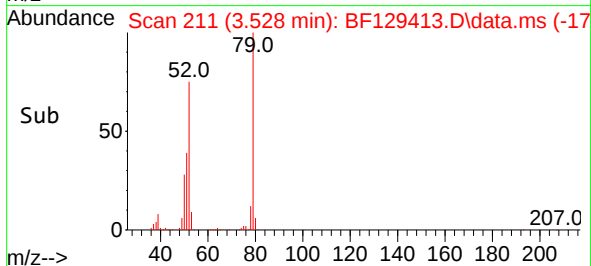
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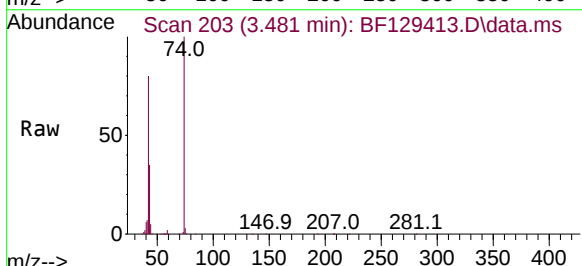
Tgt Ion: 79 Resp: 652690
Ion Ratio Lower Upper
79 100
52 75.0 68.6 102.8
51 39.1 32.9 49.3

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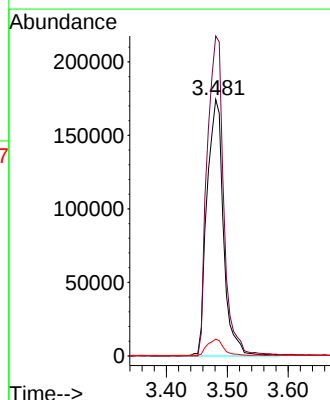
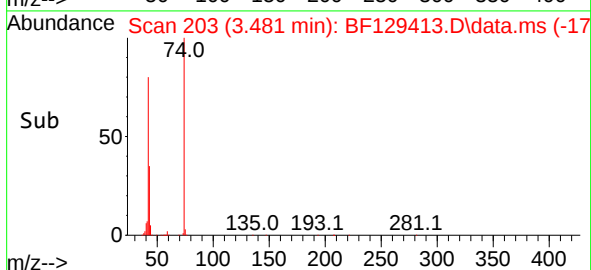
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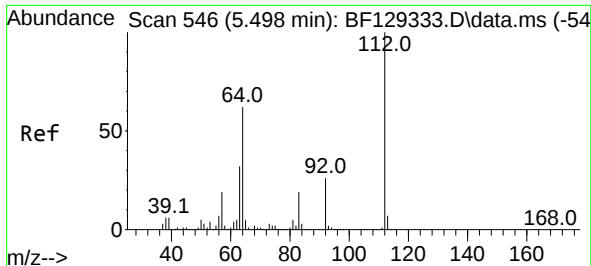


#4
n-Nitrosodimethylamine
Concen: 44.462 ng
RT: 3.481 min Scan# 203
Delta R.T. 0.082 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



Tgt Ion: 42 Resp: 327885
Ion Ratio Lower Upper
42 100
74 124.8 94.8 142.2
44 6.5 6.6 10.0





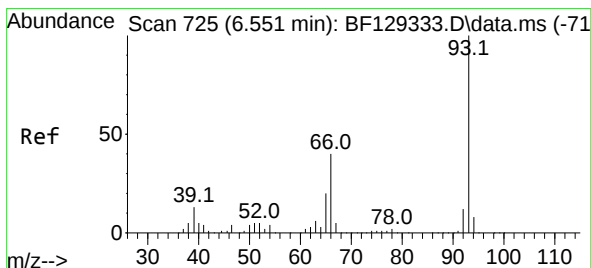
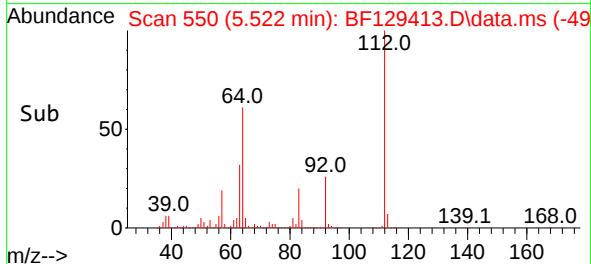
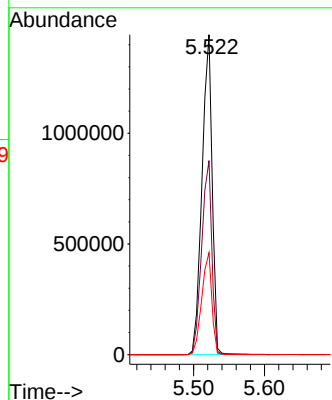
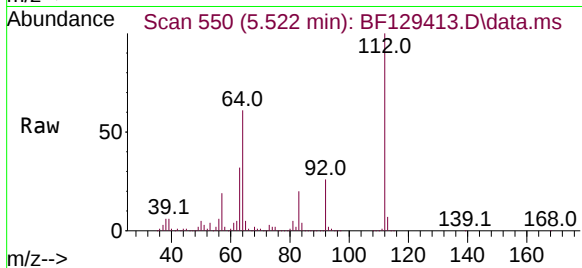
#5
2-Fluorophenol
Concen: 106.590 ng
RT: 5.522 min Scan# 546
Delta R.T. 0.023 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

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Tgt Ion:112 Resp: 1428630
Ion Ratio Lower Upper
112 100
64 60.6 53.3 79.9
63 31.9 28.0 42.0

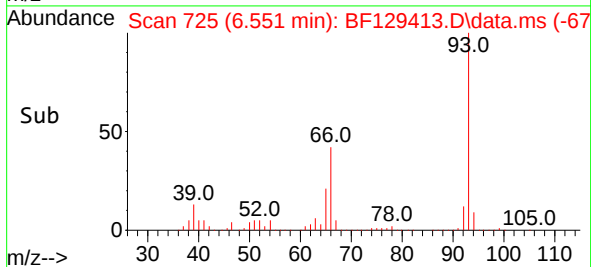
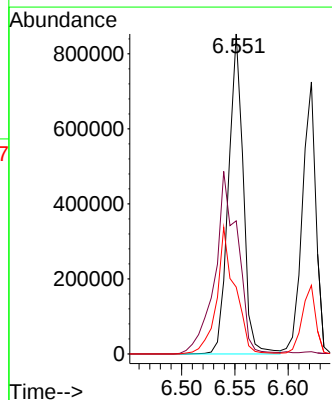
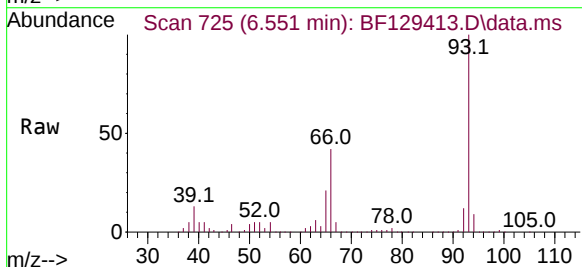
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#6
Aniline
Concen: 39.427 ng
RT: 6.551 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

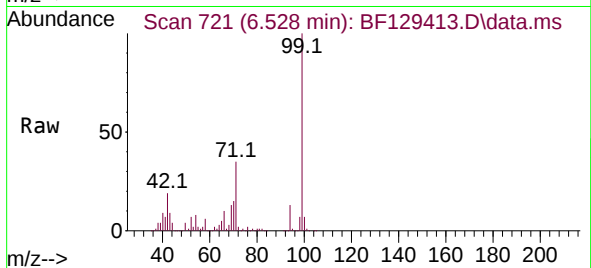
Tgt Ion: 93 Resp: 825744
Ion Ratio Lower Upper
93 100
66 41.6 32.5 48.7
65 20.9 16.4 24.6





#7
Phenol-d6
Concen: 111.443 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

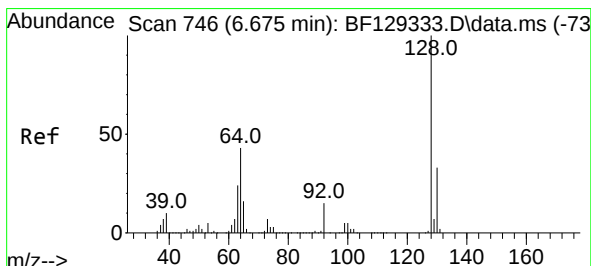
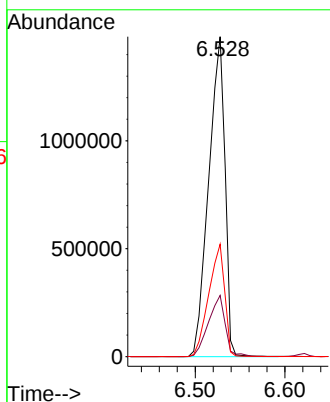
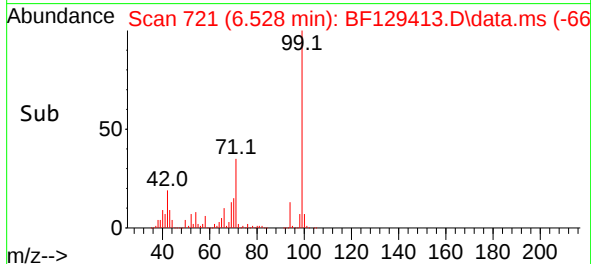
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Tgt Ion: 99 Resp: 1877460
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.1 28.9 43.3

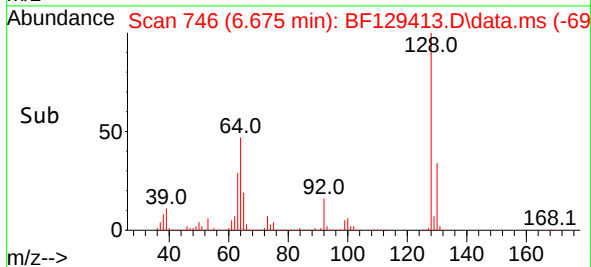
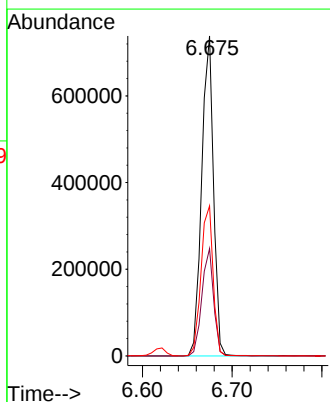
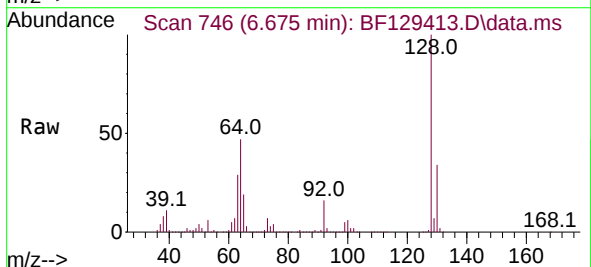
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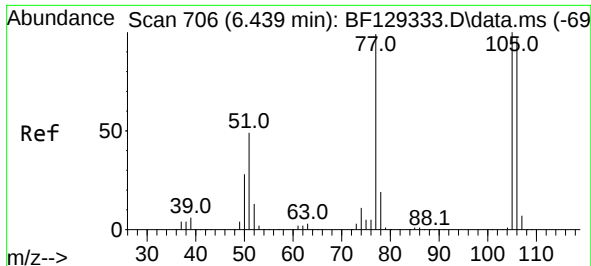
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#8
2-Chlorophenol
Concen: 46.144 ng
RT: 6.675 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

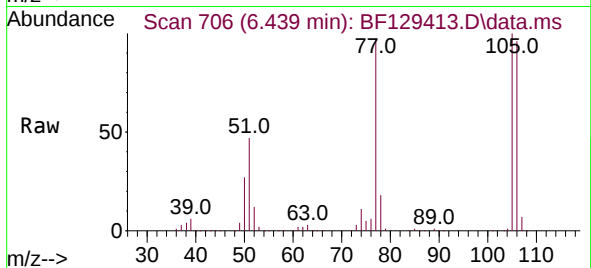
Tgt Ion:128 Resp: 675700
Ion Ratio Lower Upper
128 100
130 33.5 13.1 53.1
64 46.9 30.9 70.9





#9
Benzaldehyde
Concen: 28.853 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

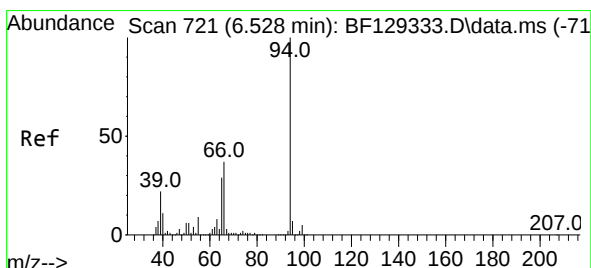
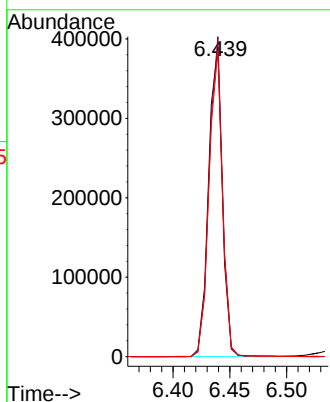
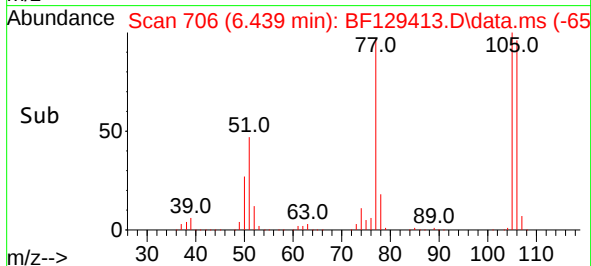
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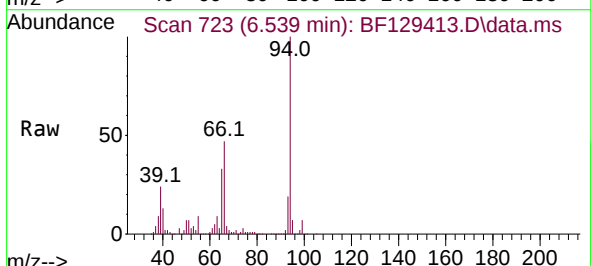
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Ion Ratio Lower Upper
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105 103.5 81.6 121.6
106 98.9 76.1 116.1

Manual Integrations
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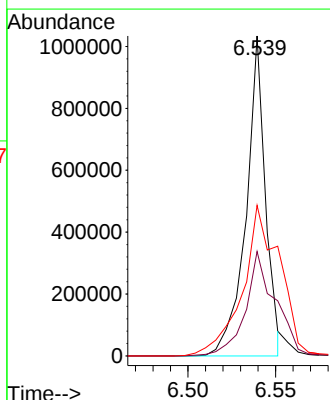
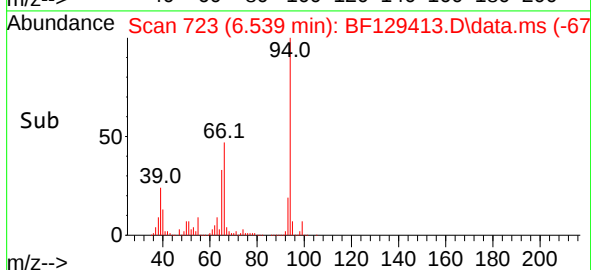
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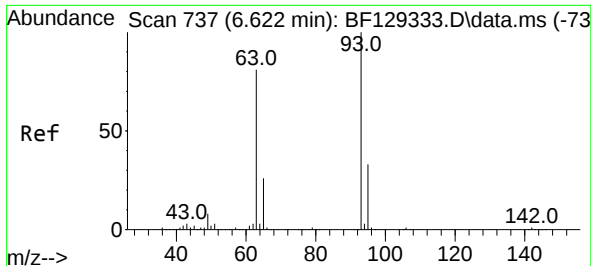


#10
Phenol
Concen: 44.458 ng m
RT: 6.539 min Scan# 723
Delta R.T. 0.012 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



Tgt Ion: 94 Resp: 797589
Ion Ratio Lower Upper
94 100
65 32.7 11.4 51.4
66 47.0 21.4 61.4





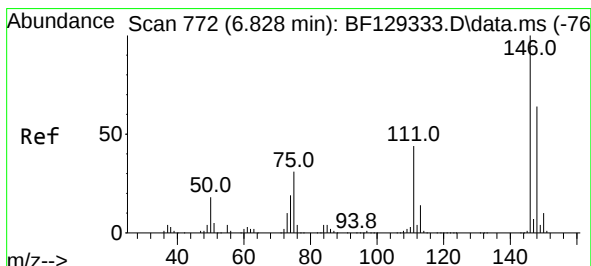
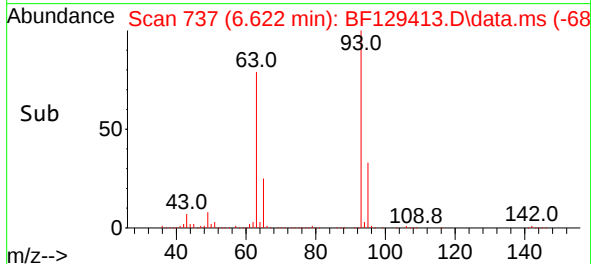
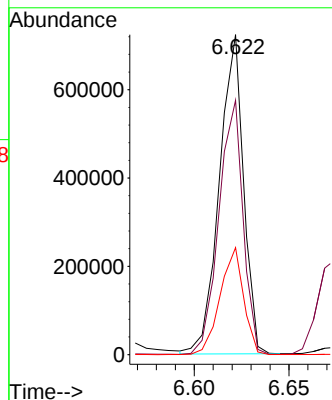
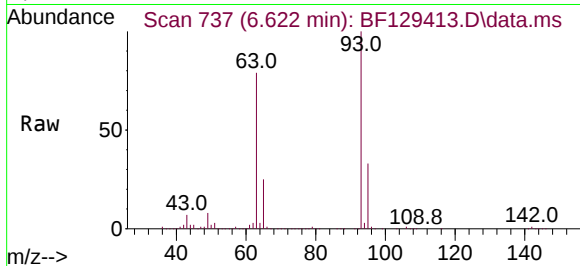
#11
bis(2-Chloroethyl)ether
Concen: 45.066 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS

Tgt Ion: 93 Resp: 641190
Ion Ratio Lower Upper
93 100
63 79.5 67.4 107.4
95 33.4 12.7 52.7

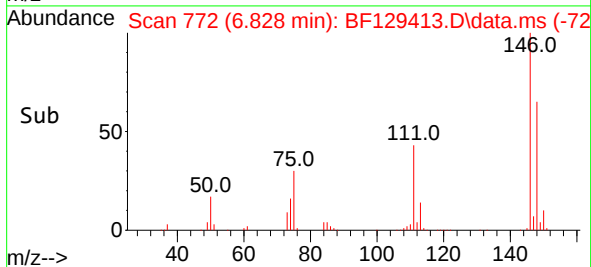
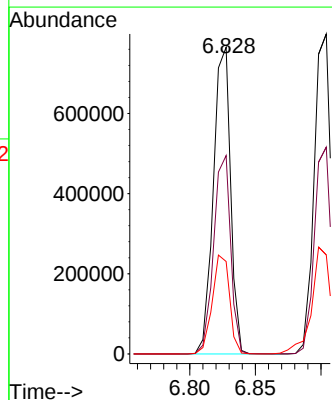
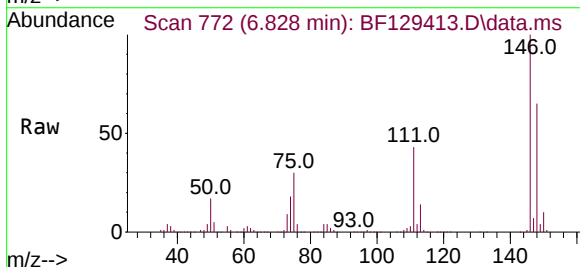
Manual Integrations
APPROVED

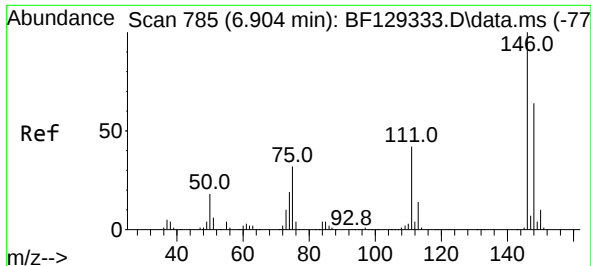
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#12
1,3-Dichlorobenzene
Concen: 44.582 ng
RT: 6.828 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Tgt Ion:146 Resp: 700151
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 30.1 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 44.114 ng

RT: 6.904 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

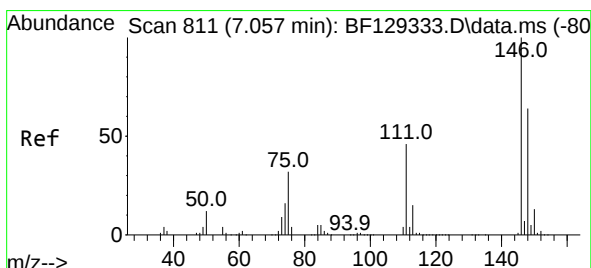
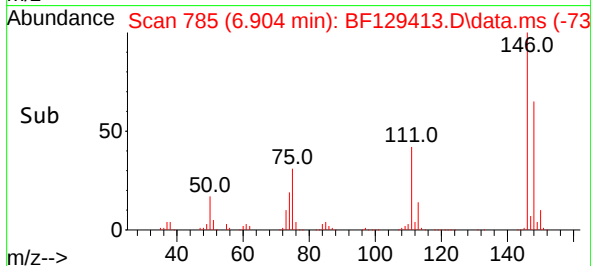
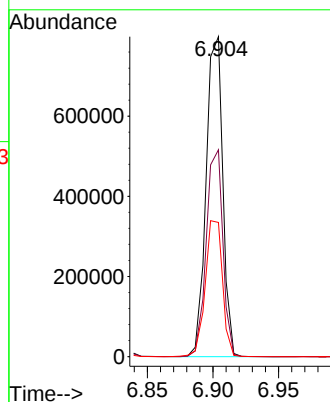
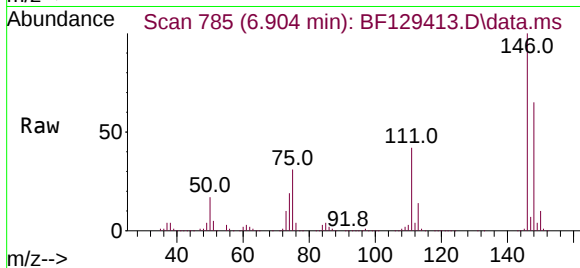
ClientSampleId :

PB-07-27-2022MS

Tgt Ion:146 Resp: 704581
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 41.9 34.2 51.4

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Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#14

1,2-Dichlorobenzene

Concen: 45.989 ng

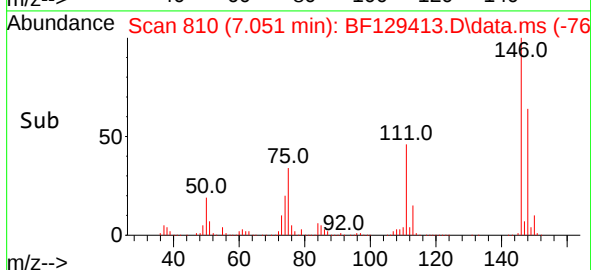
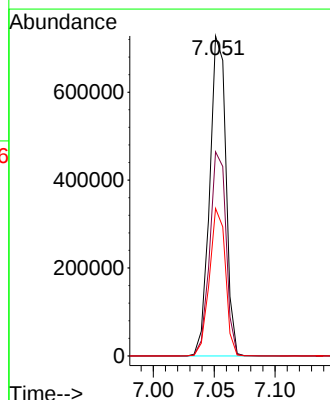
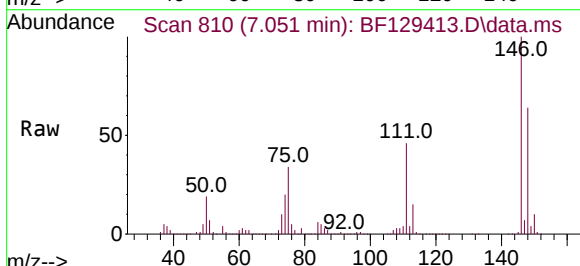
RT: 7.051 min Scan# 810

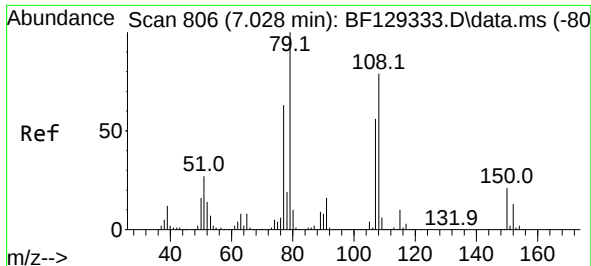
Delta R.T. -0.006 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Tgt Ion:146 Resp: 675152
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 111 46.1 35.1 52.7





#15

Benzyl Alcohol

Concen: 47.305 ng

RT: 7.034 min Scan# 806

Delta R.T. 0.006 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

ClientSampleId :

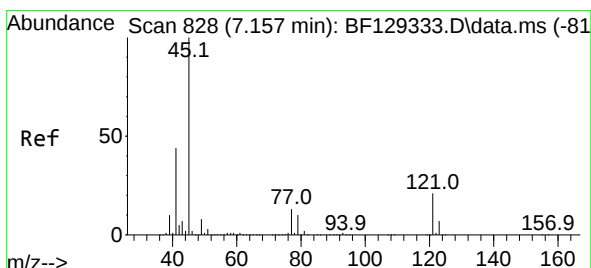
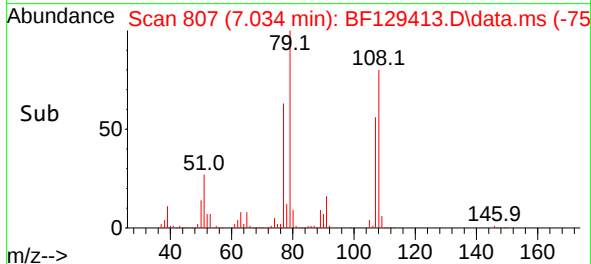
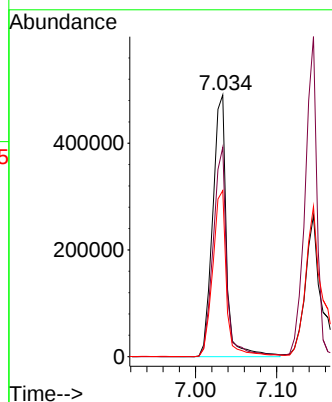
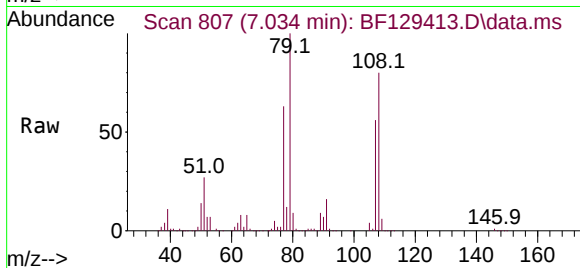
PB-07-27-2022MS

Tgt Ion:	79	Resp:	577986
Ion	Ratio	Lower	Upper
79	100		
108	79.9	61.8	92.6
77	63.5	50.2	75.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.402 ng

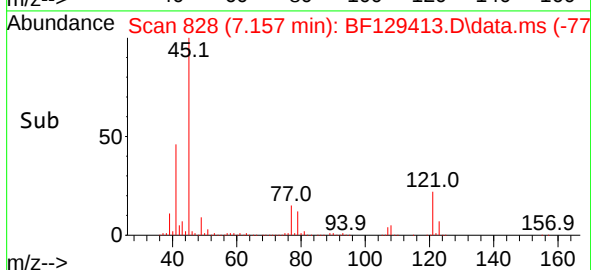
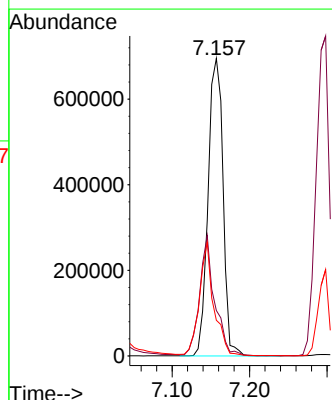
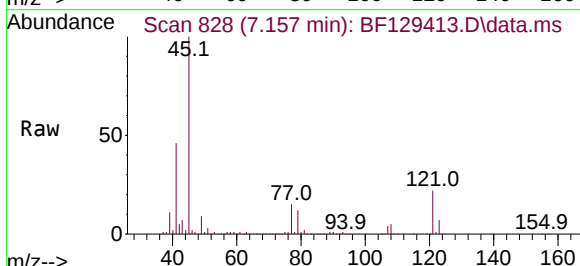
RT: 7.157 min Scan# 828

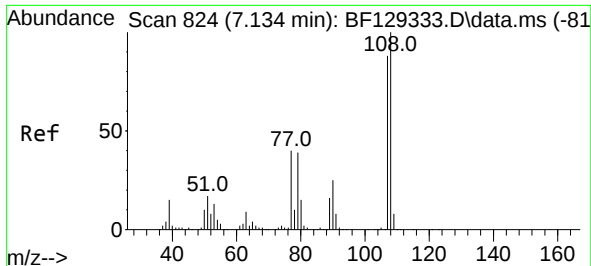
Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

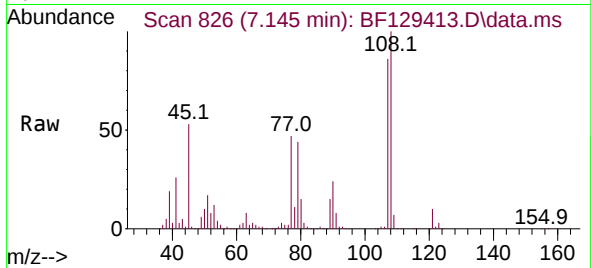
Tgt Ion:	45	Resp:	928228
Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	31.3
79	12.0	0.0	28.3





#17
2-Methylphenol
Concen: 43.839 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

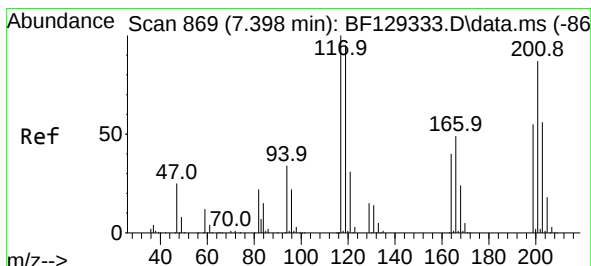
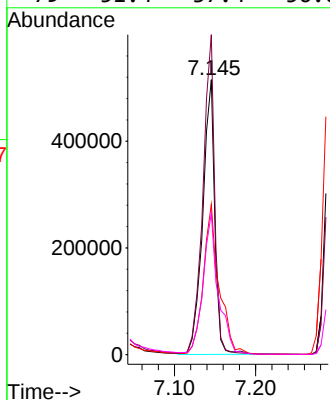
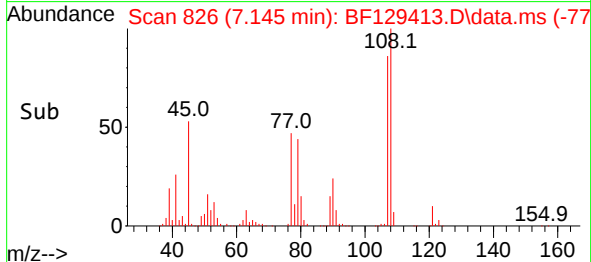
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:107 Resp: 53255
Ion Ratio Lower Upper
107 100
108 116.4 91.9 137.9
77 54.6 37.8 56.8
79 51.4 37.4 56.0

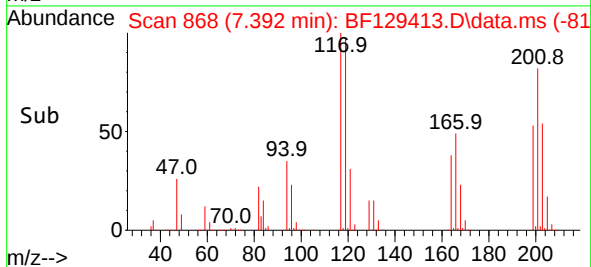
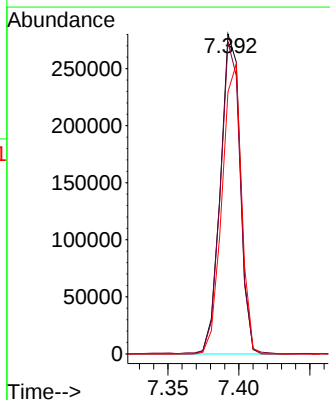
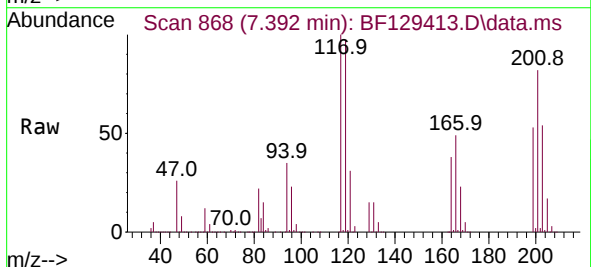
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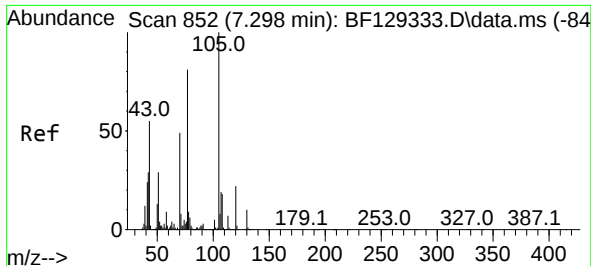
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#18
Hexachloroethane
Concen: 45.304 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

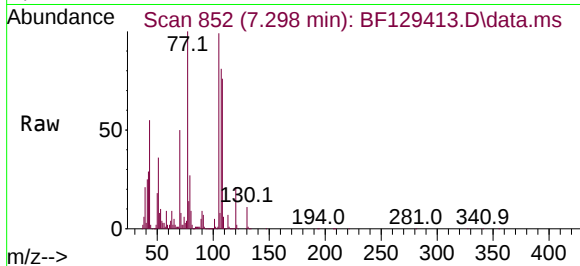
Tgt Ion:117 Resp: 272463
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2
201 81.8 84.6 127.0#





#19
n-Nitroso-di-n-propylamine
Concen: 44.519 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

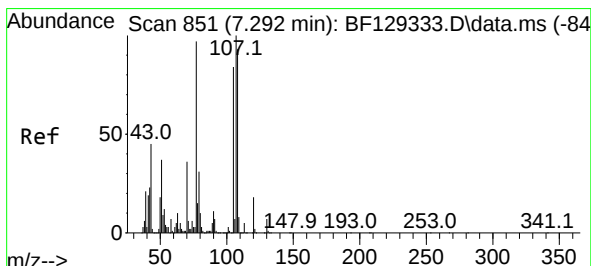
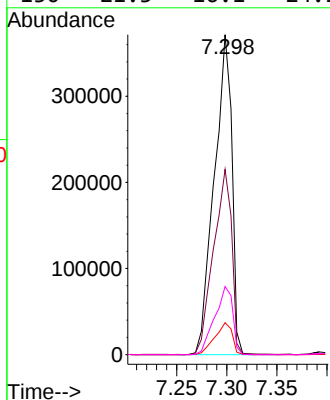
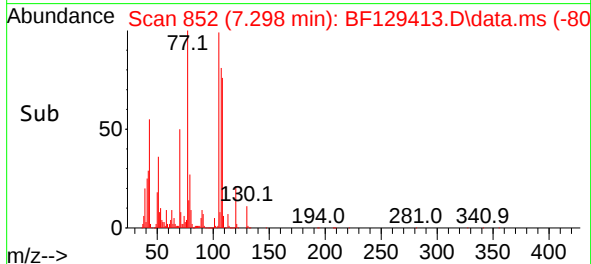
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion: 70 Resp: 454043
Ion Ratio Lower Upper
70 100
42 57.9 52.3 78.5
101 10.0 7.5 11.3
130 21.3 16.1 24.1

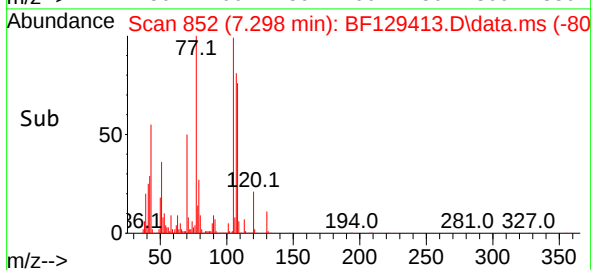
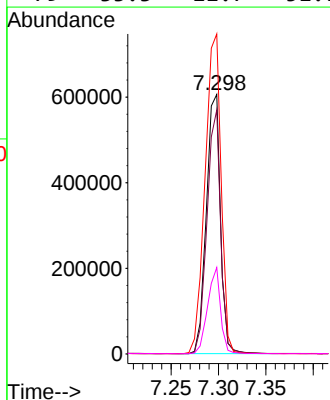
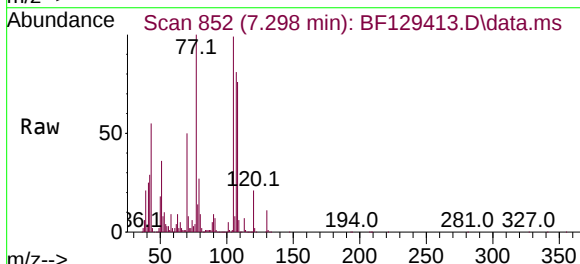
Manual Integrations
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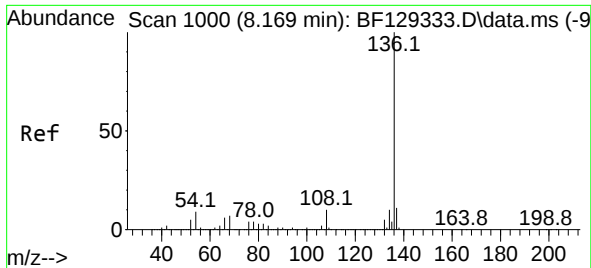
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#20
3+4-Methylphenols
Concen: 40.862 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

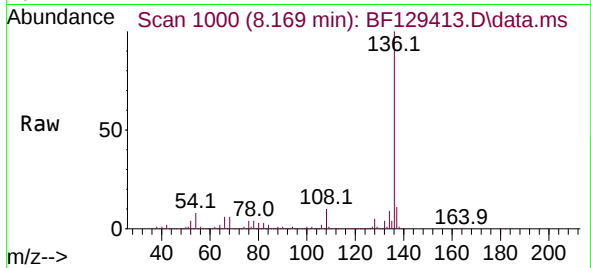
Tgt Ion:107 Resp: 631135
Ion Ratio Lower Upper
107 100
108 94.0 71.8 111.8
77 123.3 59.3 99.3#
79 33.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

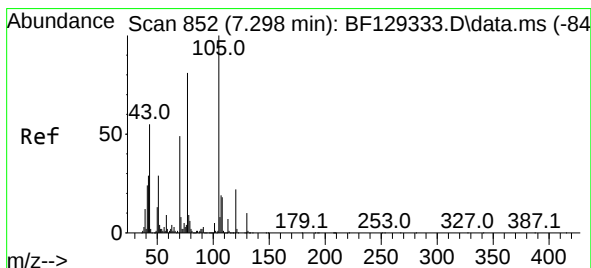
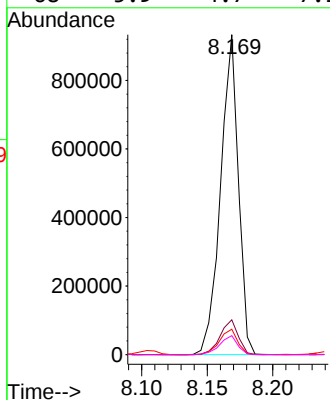
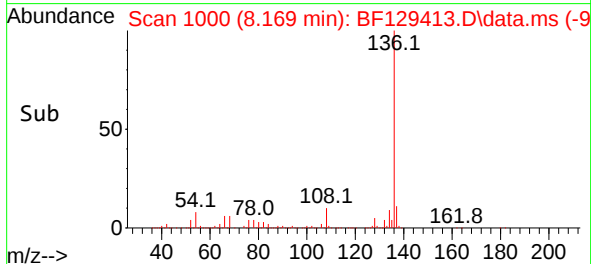
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



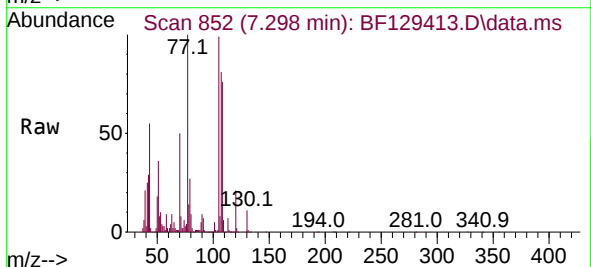
Tgt Ion:136 Resp: 882669
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 7.5 11.3
68 5.9 4.7 7.1

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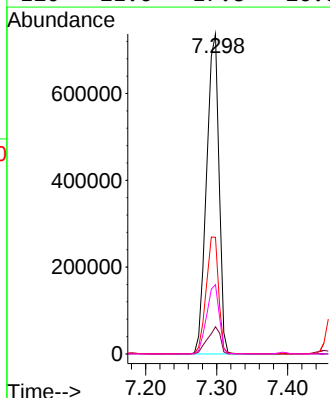
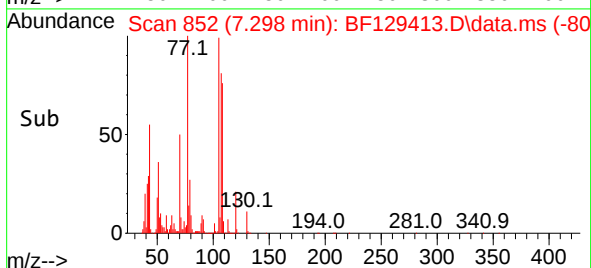
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

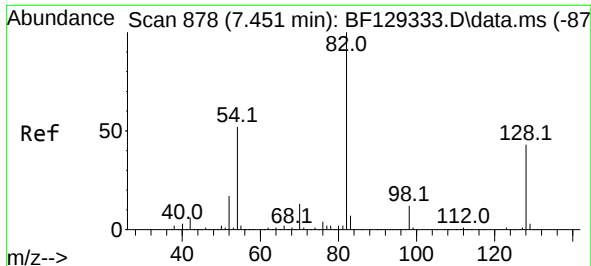


#22
Acetophenone
Concen: 43.395 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



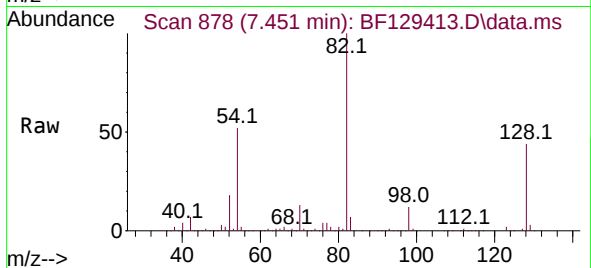
Tgt Ion:105 Resp: 891782
Ion Ratio Lower Upper
105 100
71 8.5 5.0 7.4#
51 36.4 25.0 37.4
120 21.6 17.8 26.8





#23
Nitrobenzene-d5
Concen: 74.372 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

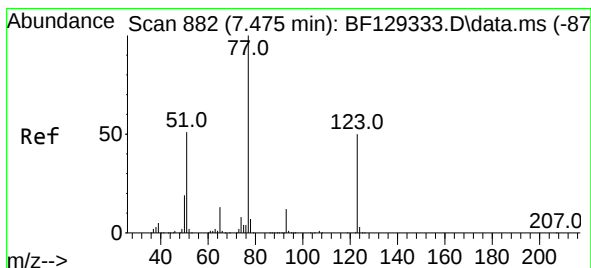
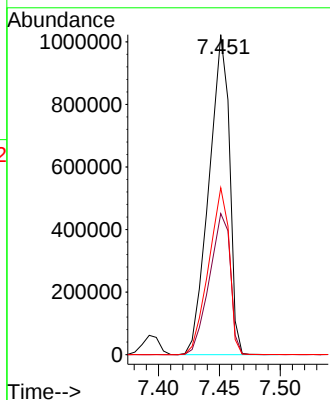
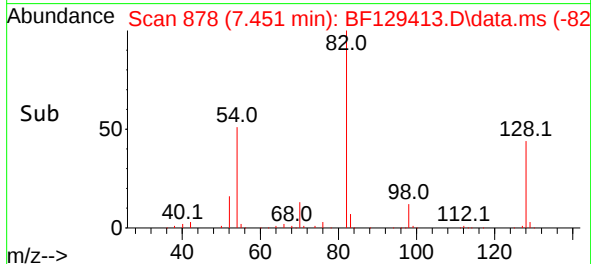
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion: 82 Resp: 120256
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 52.1 46.9 70.3

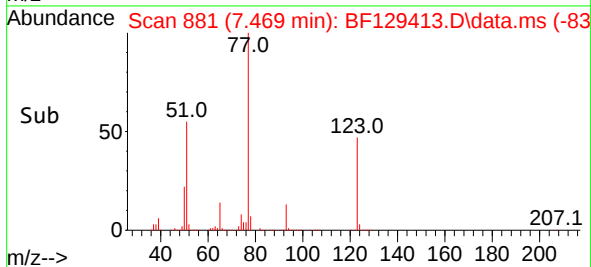
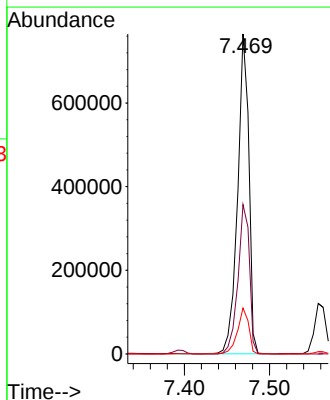
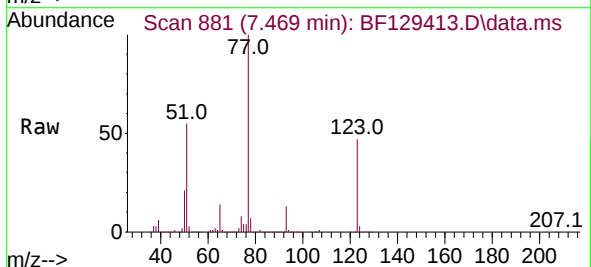
Manual Integrations
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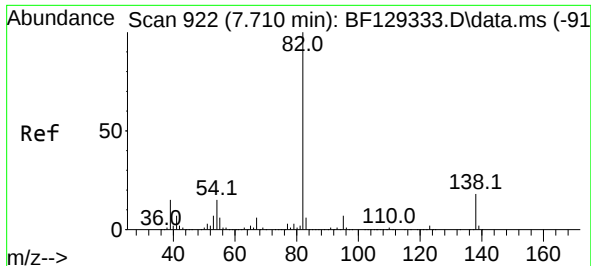
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#24
Nitrobenzene
Concen: 42.119 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

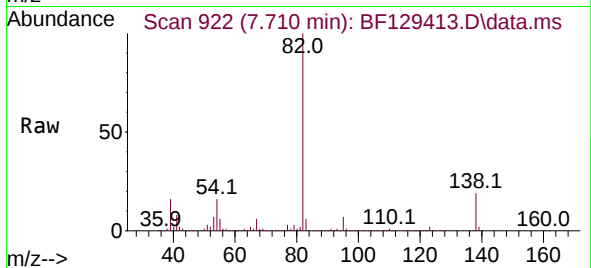
Tgt Ion: 77 Resp: 701317
Ion Ratio Lower Upper
77 100
123 46.7 35.4 53.2
65 14.3 11.8 17.8





#25
Isophorone
Concen: 44.788 ng
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

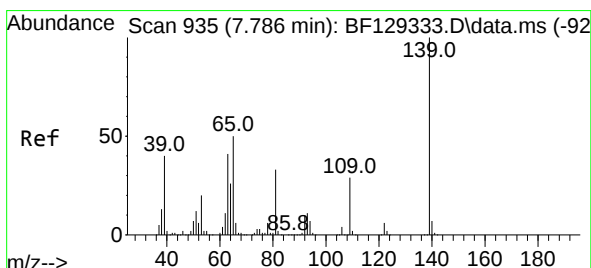
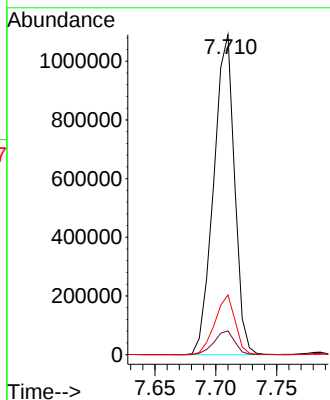
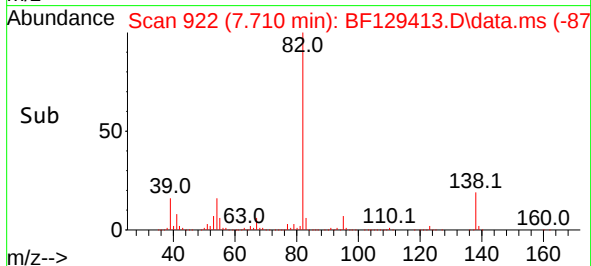
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



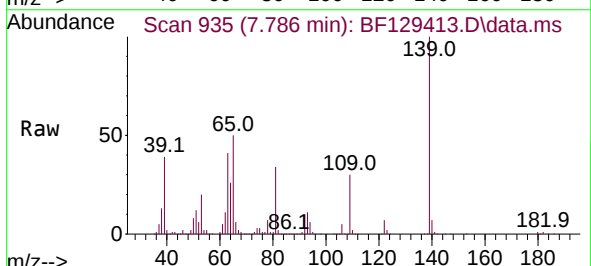
Tgt Ion: 82 Resp: 1298126
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.7 14.2 21.2

Manual Integrations
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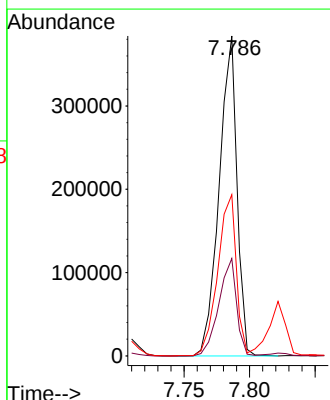
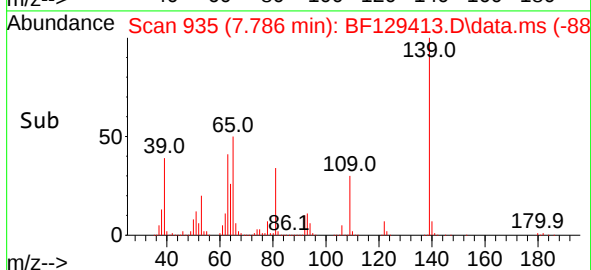
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

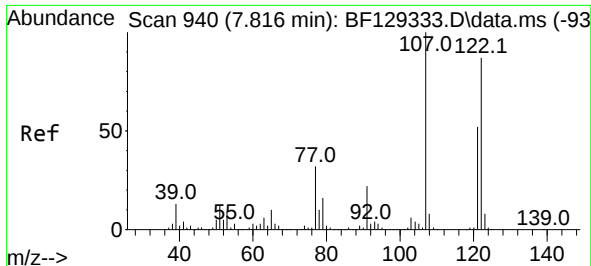


#26
2-Nitrophenol
Concen: 44.256 ng
RT: 7.786 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



Tgt Ion:139 Resp: 363533
Ion Ratio Lower Upper
139 100
109 30.4 25.0 37.4
65 50.4 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 50.139 ng m

RT: 7.822 min Scan# 94

Delta R.T. 0.006 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

ClientSampleId :

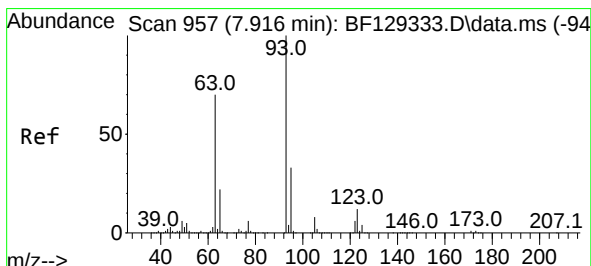
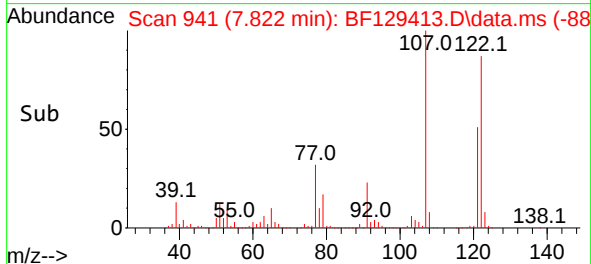
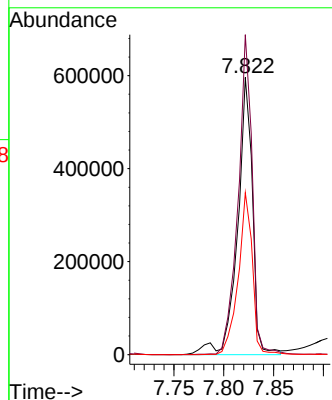
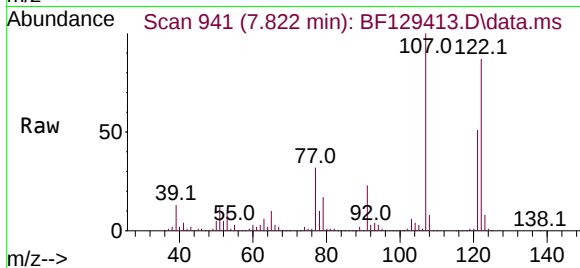
PB-07-27-2022MS

Tgt Ion:122 Resp: 617791
 Ion Ratio Lower Upper
 122 100
 107 115.4 93.0 139.6
 121 58.4 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.474 ng

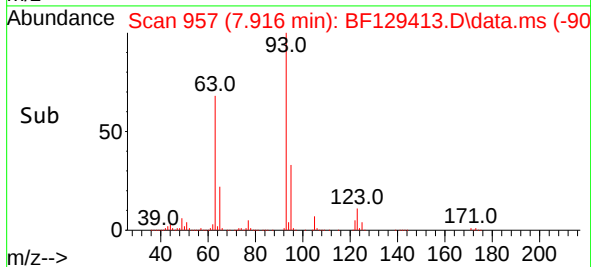
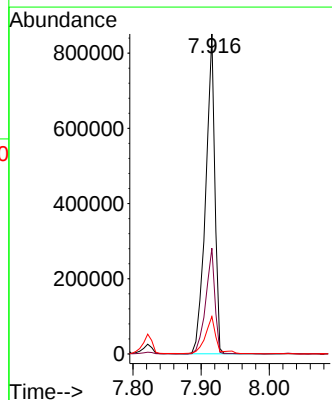
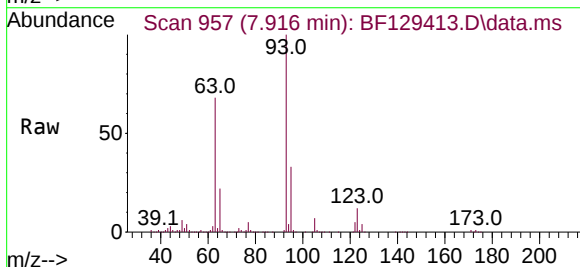
RT: 7.916 min Scan# 957

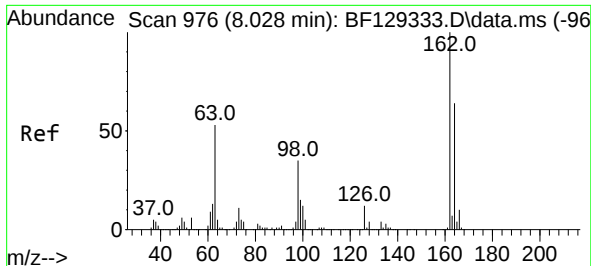
Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Tgt Ion: 93 Resp: 798218
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.8 40.2
 123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.646 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MS

Tgt Ion:162 Resp: 555066

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

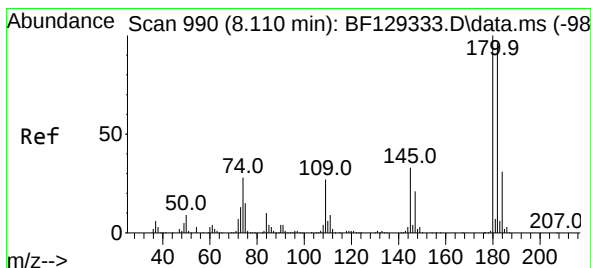
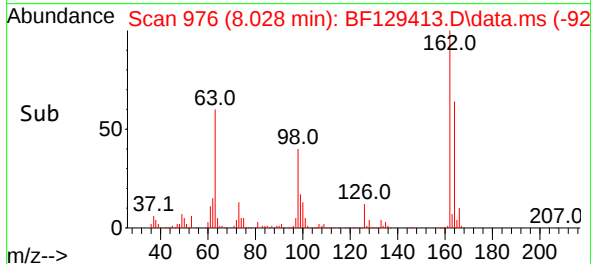
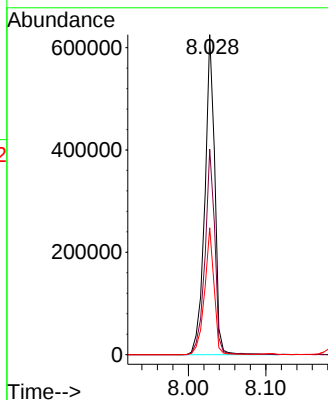
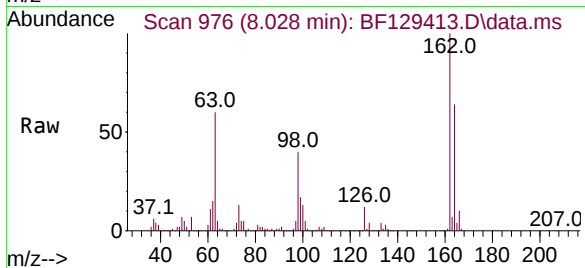
98 39.7 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.681 ng

RT: 8.110 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

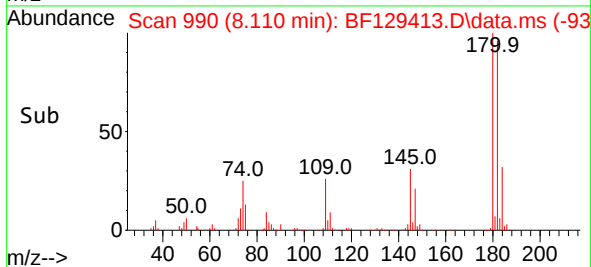
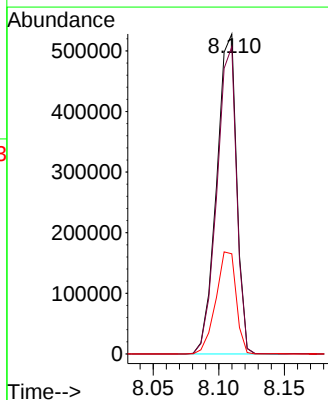
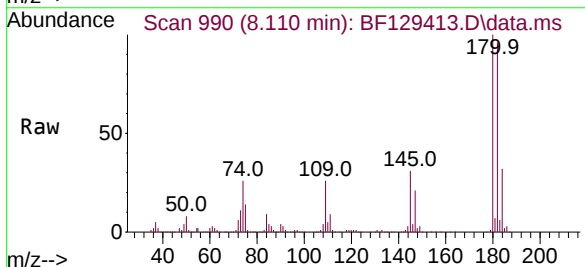
Tgt Ion:180 Resp: 561838

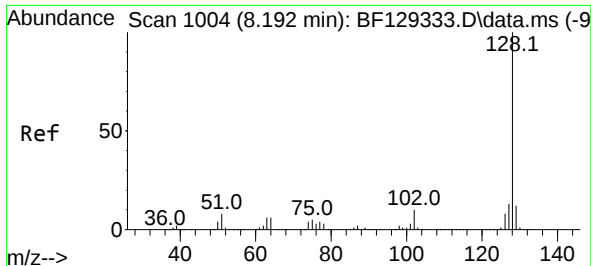
Ion Ratio Lower Upper

180 100

182 96.0 79.2 118.8

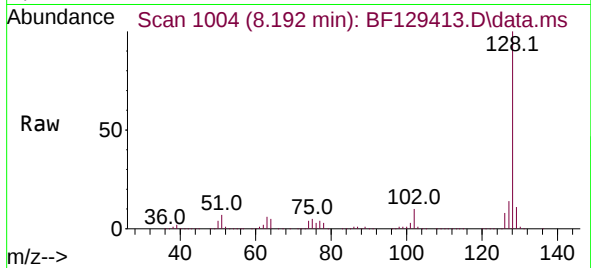
145 31.3 26.2 39.2





#31
Naphthalene
Concen: 41.815 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

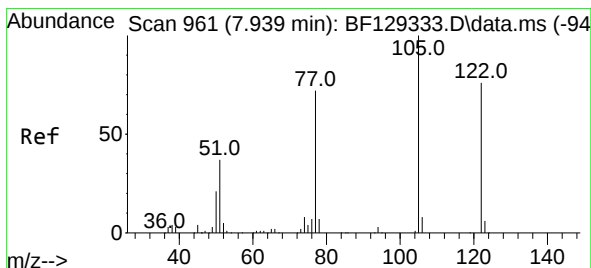
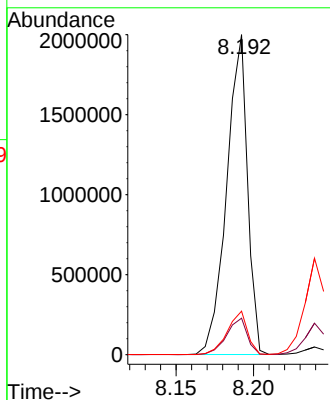
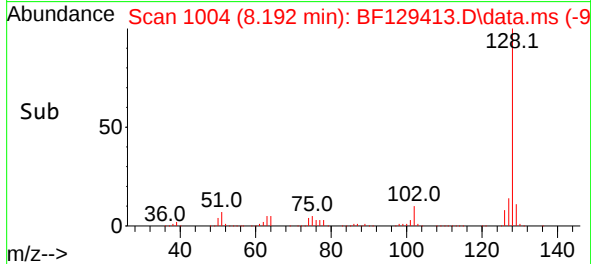
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:128 Resp: 1875209
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 10.5 15.7

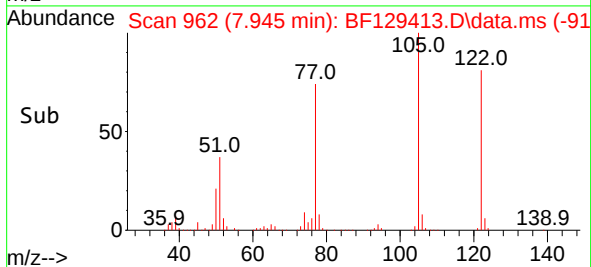
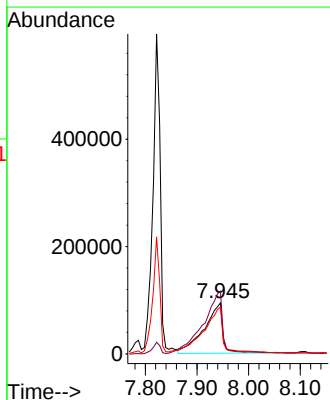
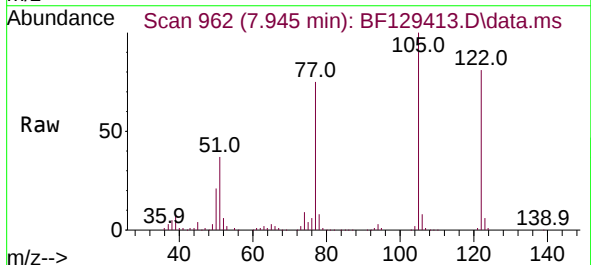
Manual Integrations
APPROVED

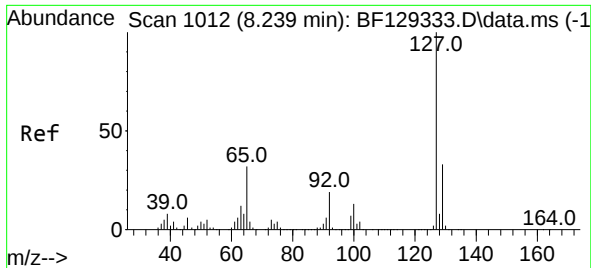
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#32
Benzoic acid
Concen: 26.965 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

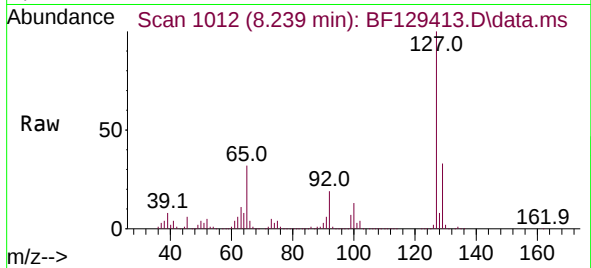
Tgt Ion:122 Resp: 240191
Ion Ratio Lower Upper
122 100
105 122.9 107.1 147.1
77 91.9 74.2 114.2





#33
4-Chloroaniline
Concen: 32.646 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

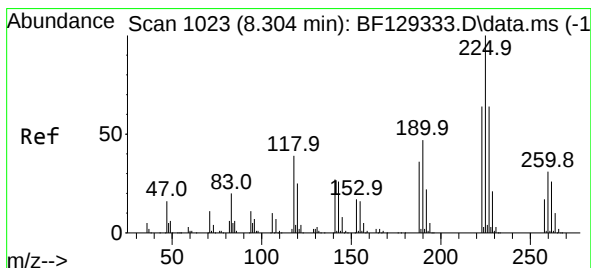
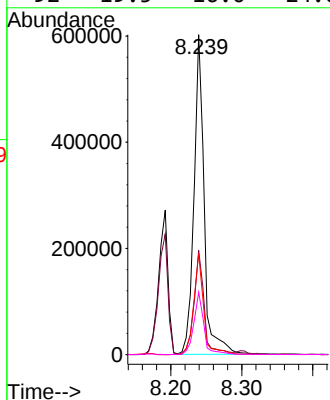
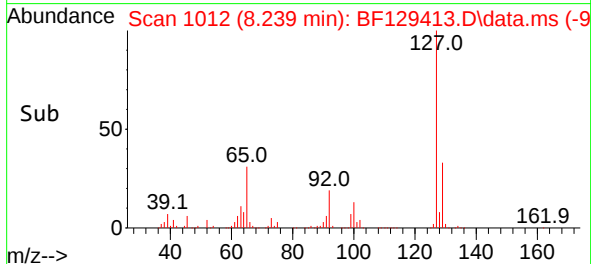
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	31.6	26.4	39.6
92	19.5	16.0	24.0

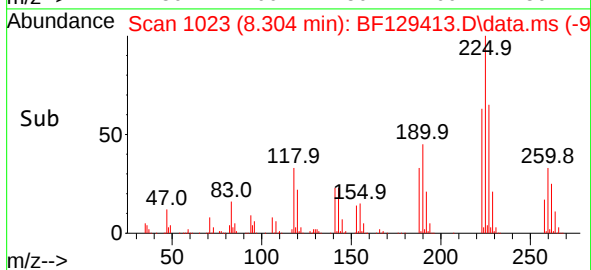
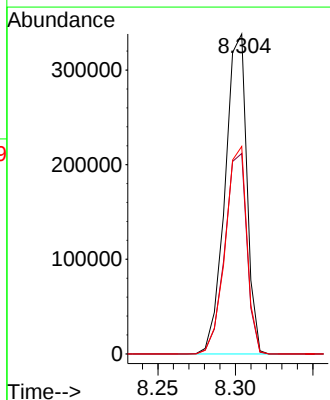
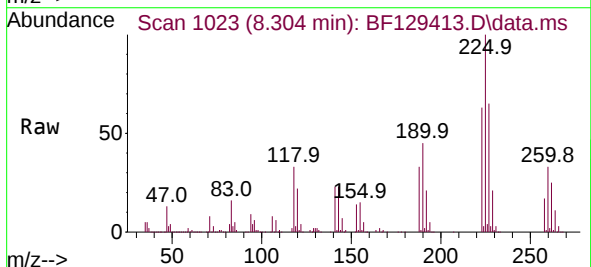
Manual Integrations
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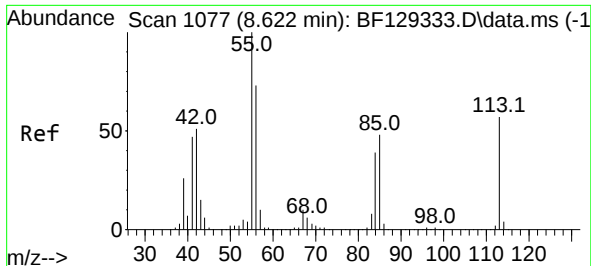
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#34
Hexachlorobutadiene
Concen: 44.062 ng
RT: 8.304 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.8	51.1	76.7





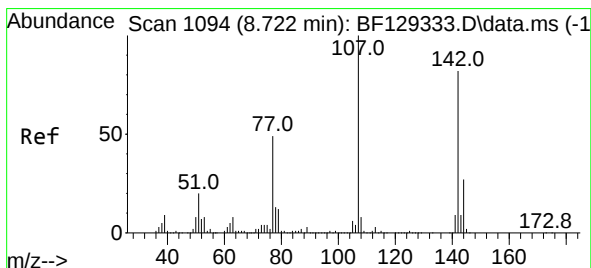
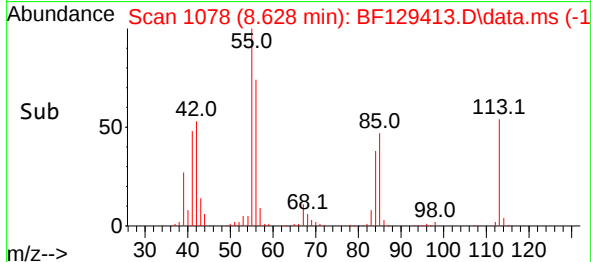
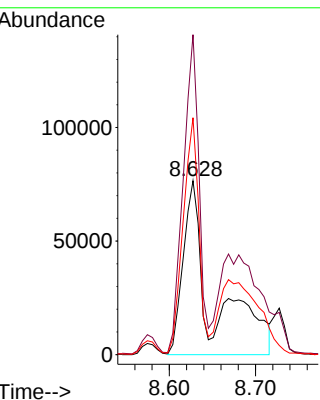
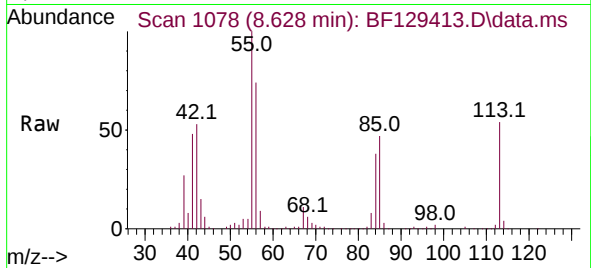
#35
Caprolactam
Concen: 43.548 ng m
RT: 8.628 min Scan# 1077
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS

Tgt Ion:113 Resp: 180053
Ion Ratio Lower Upper
113 100
55 184.1 188.5 228.5
56 136.3 130.6 170.6

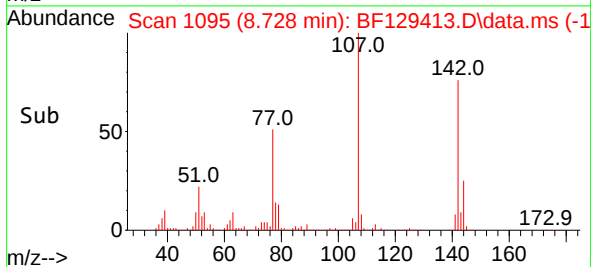
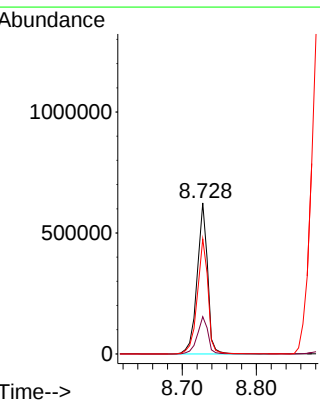
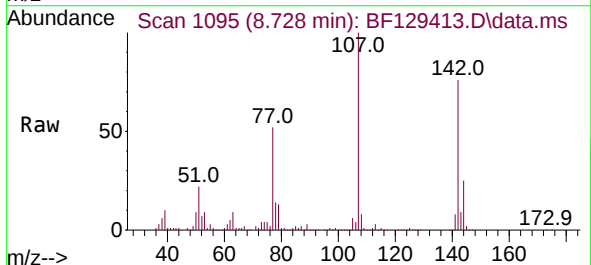
Manual Integrations
APPROVED

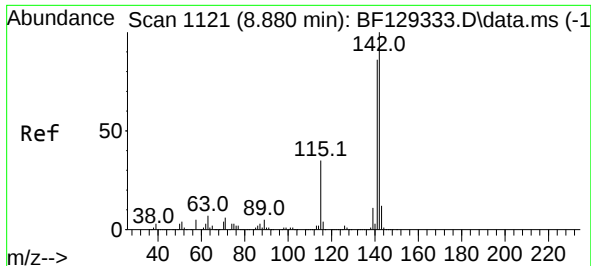
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#36
4-Chloro-3-methylphenol
Concen: 45.036 ng
RT: 8.728 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Tgt Ion:107 Resp: 607465
Ion Ratio Lower Upper
107 100
144 24.6 19.5 29.3
142 76.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.847 ng

RT: 8.880 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MS

Tgt Ion:142 Resp: 1248679

Ion Ratio Lower Upper

142 100

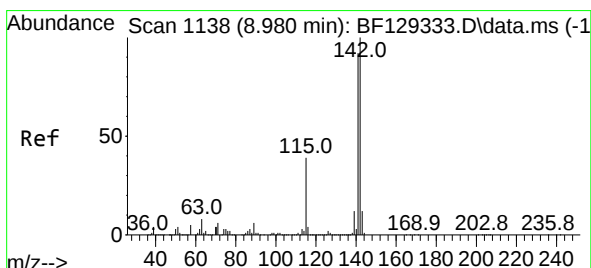
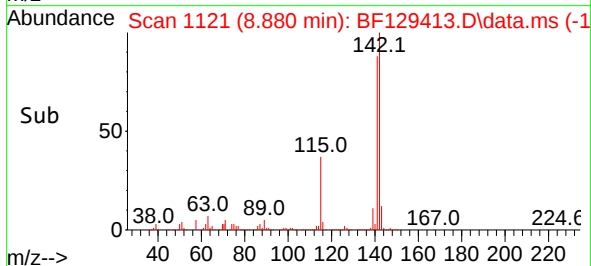
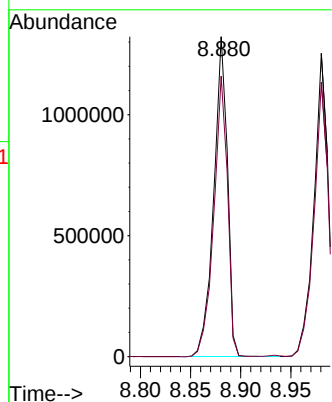
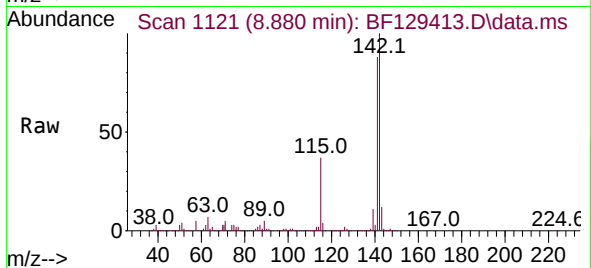
141 87.6 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#38

1-Methylnaphthalene

Concen: 42.412 ng

RT: 8.980 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF129413.D

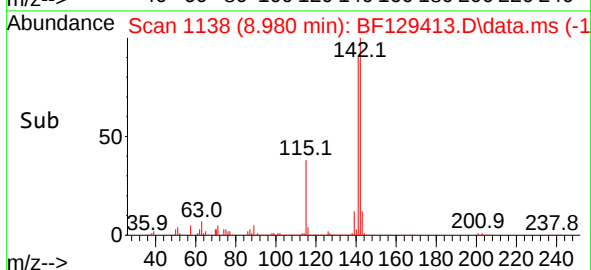
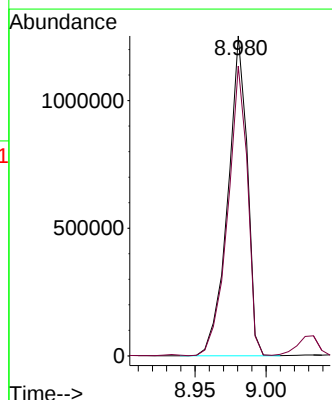
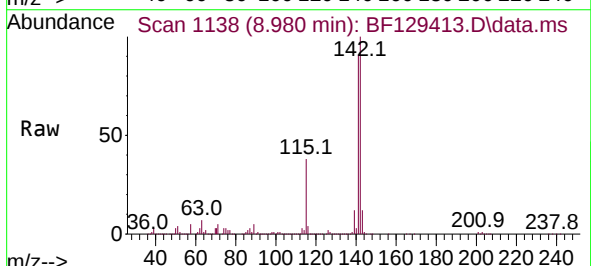
Acq: 28 Jul 2022 17:31

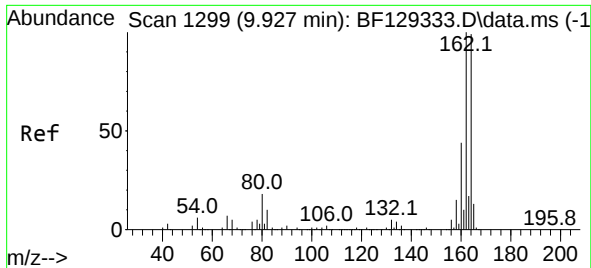
Tgt Ion:142 Resp: 1193170

Ion Ratio Lower Upper

142 100

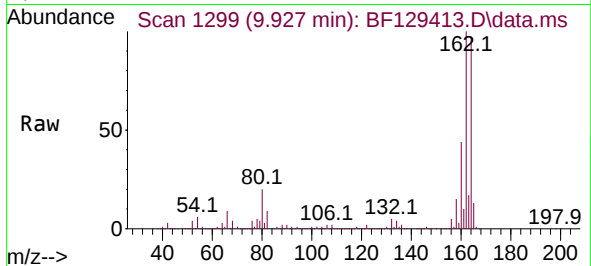
141 90.6 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

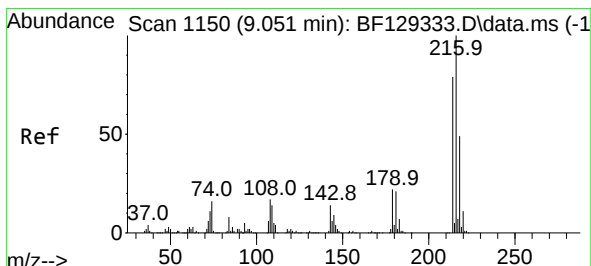
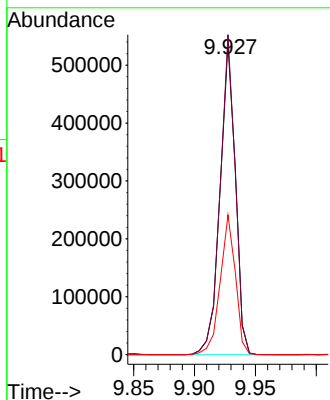
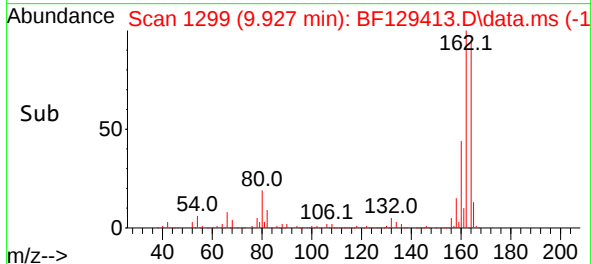
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



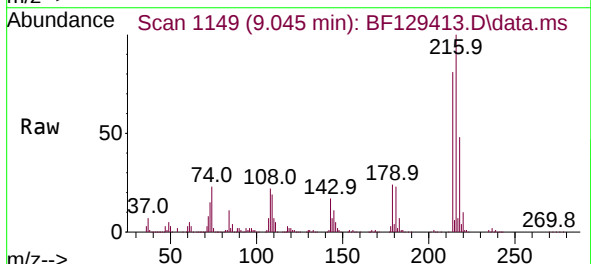
Tgt Ion:164 Resp: 472262
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.9 34.2 51.4

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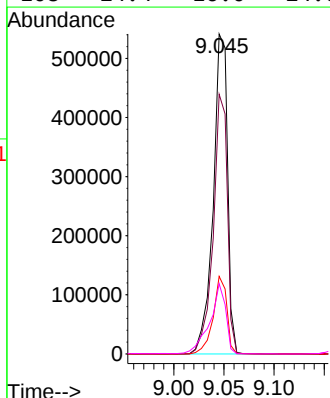
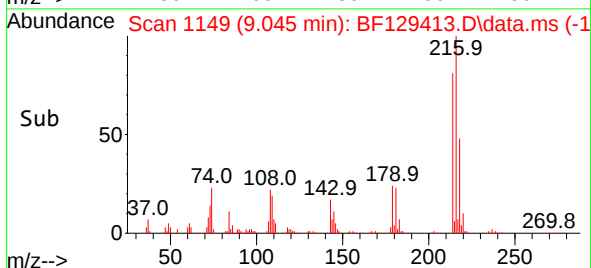
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.463 ng
RT: 9.045 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



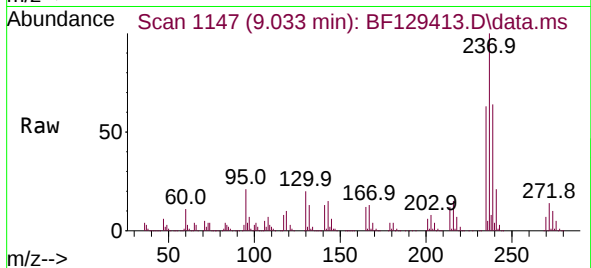
Tgt Ion:216 Resp: 538967
Ion Ratio Lower Upper
216 100
214 79.7 63.6 95.4
179 23.0 17.0 25.6
108 24.4 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 108.289 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

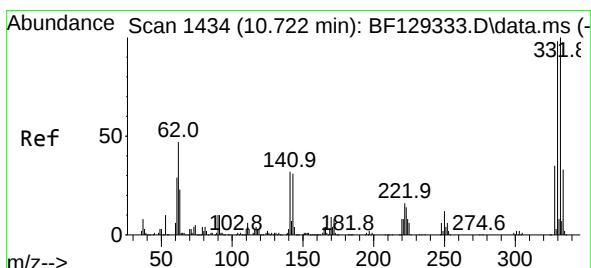
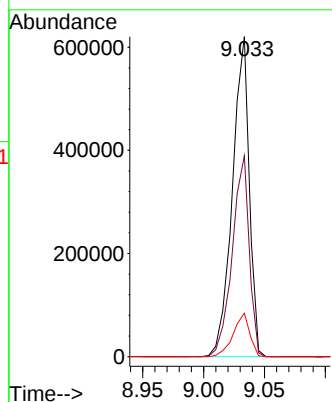
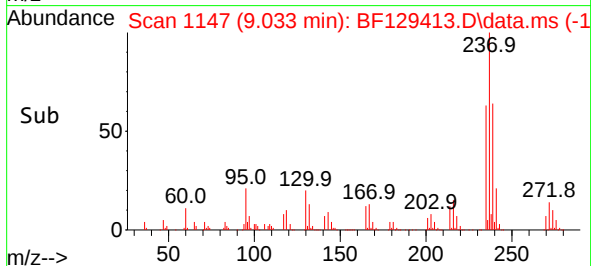
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



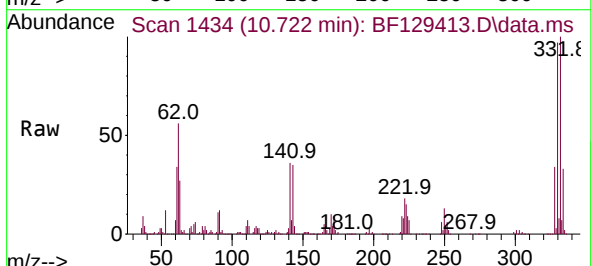
Tgt Ion:237 Resp: 597966
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.6 0.0 31.9

Manual Integrations
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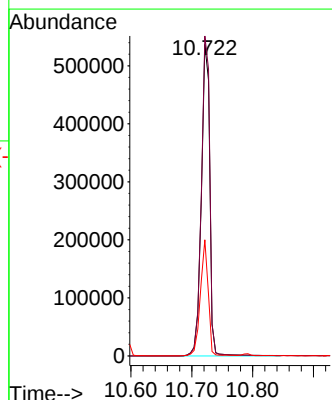
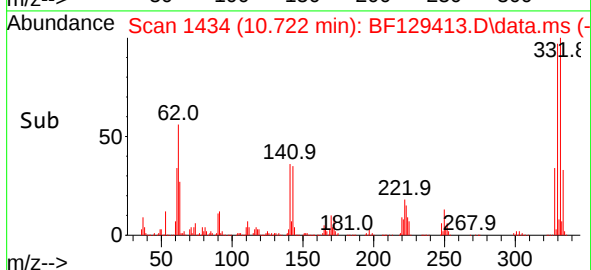
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

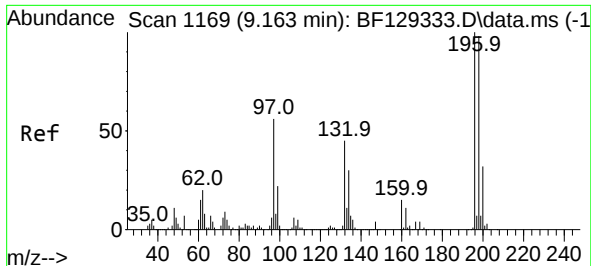


#42
2,4,6-Tribromophenol
Concen: 113.392 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



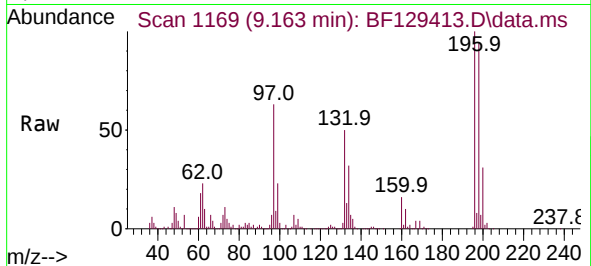
Tgt Ion:330 Resp: 514857
Ion Ratio Lower Upper
330 100
332 103.0 76.8 115.2
141 34.8 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 42.755 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

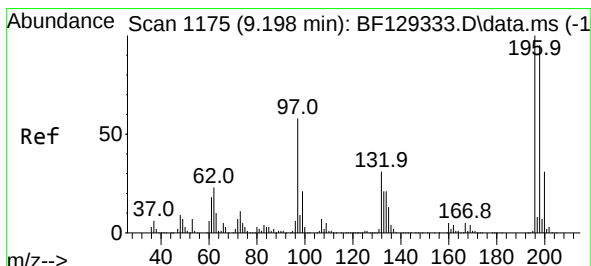
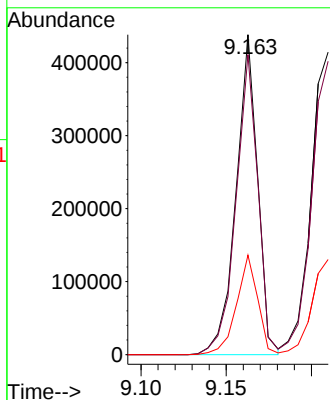
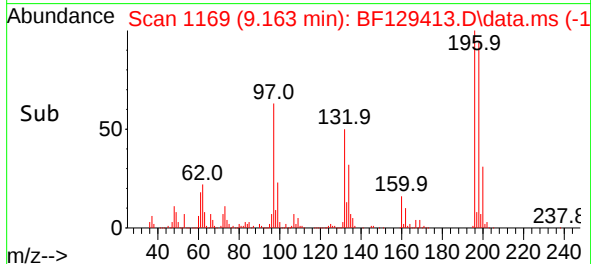
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



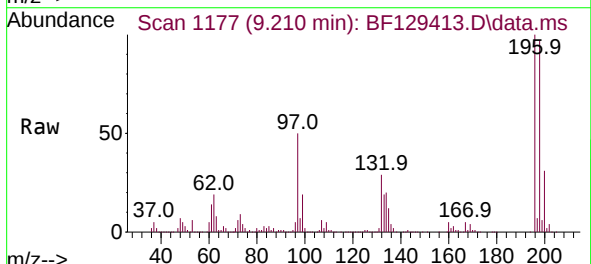
Tgt Ion:196 Resp: 385080
Ion Ratio Lower Upper
196 100
198 93.8 74.0 111.0
200 31.1 24.1 36.1

Manual Integrations
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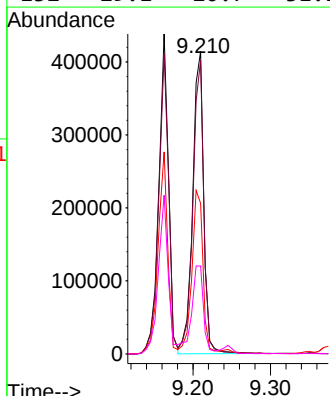
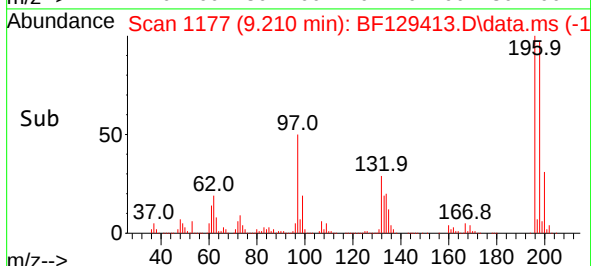
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

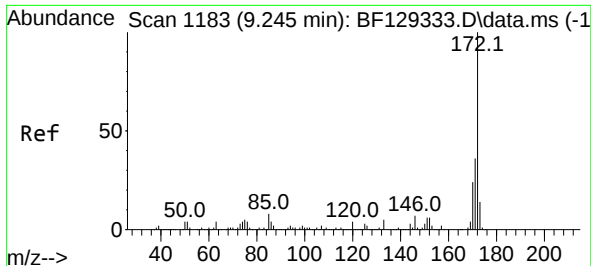


#44
2,4,5-Trichlorophenol
Concen: 41.870 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



Tgt Ion:196 Resp: 410099
Ion Ratio Lower Upper
196 100
198 97.0 75.7 113.5
97 49.8 36.4 54.6
132 29.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 70.953 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MS

Tgt Ion:172 Resp: 216612

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

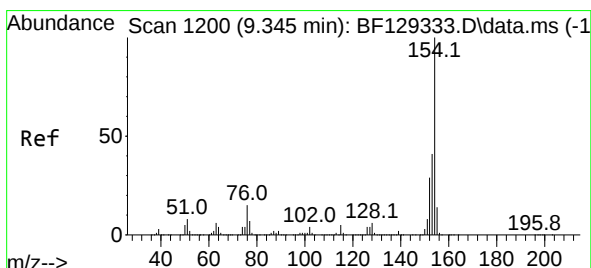
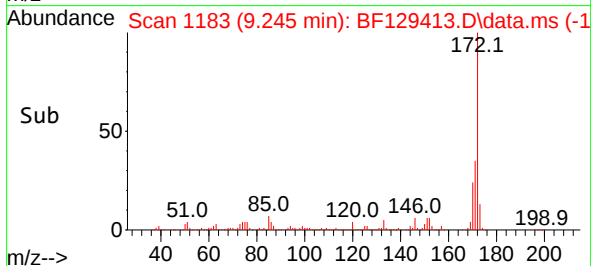
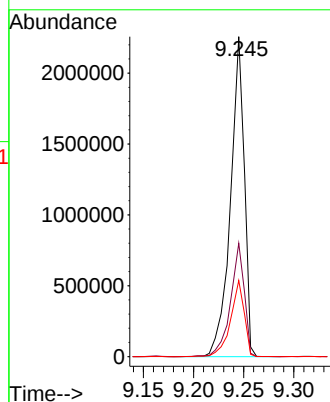
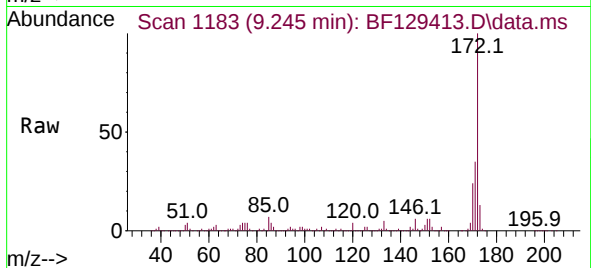
170 23.8 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#46

1,1'-Biphenyl

Concen: 43.379 ng

RT: 9.345 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

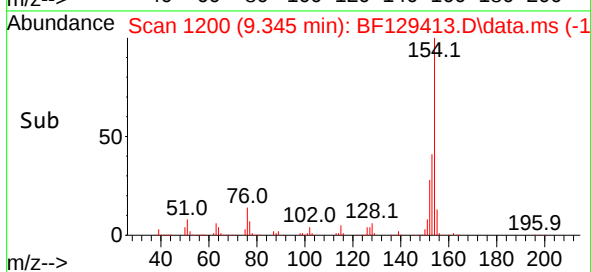
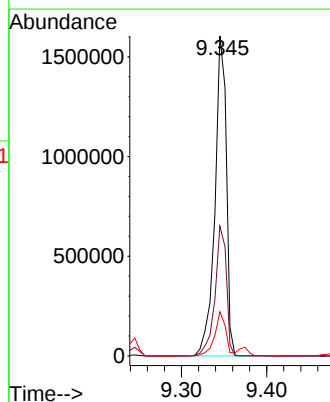
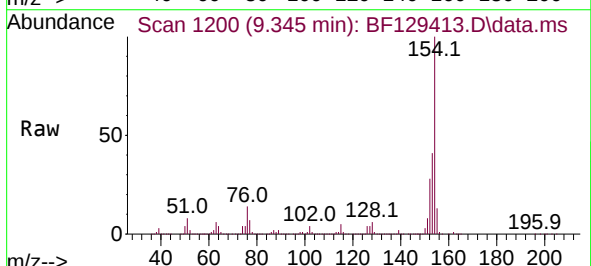
Tgt Ion:154 Resp: 1495084

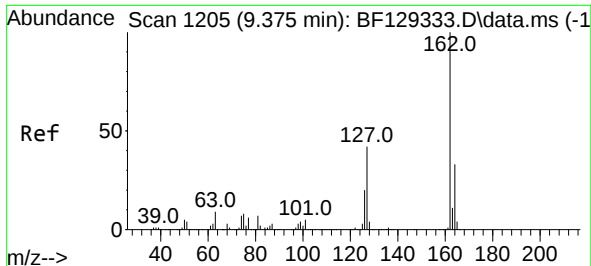
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

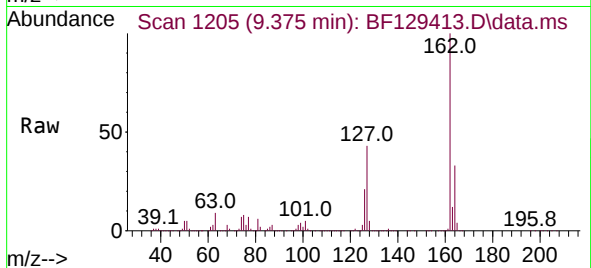
76 13.8 0.0 33.3





#47
2-Chloronaphthalene
Concen: 42.362 ng
RT: 9.375 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

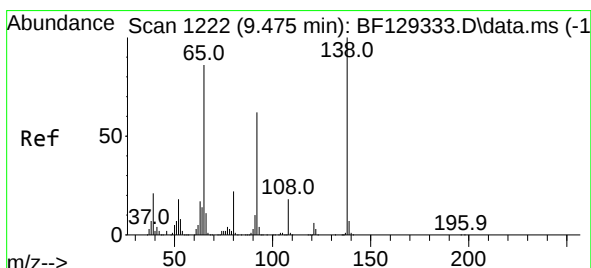
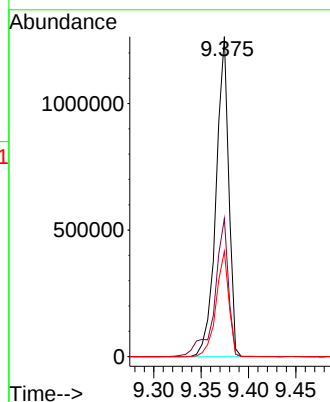
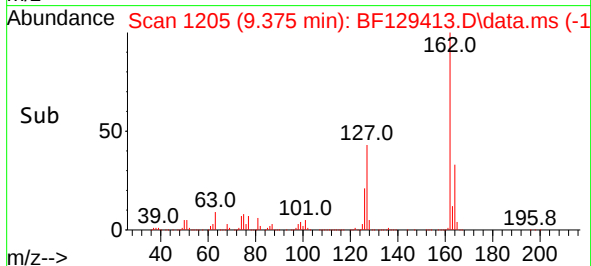
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:162 Resp: 1180309
Ion Ratio Lower Upper
162 100
127 43.1 34.5 51.7
164 32.9 26.5 39.7

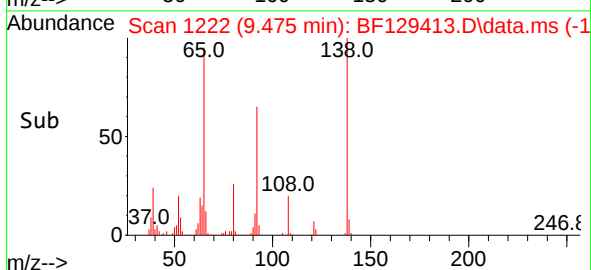
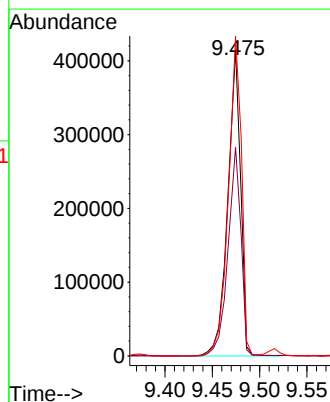
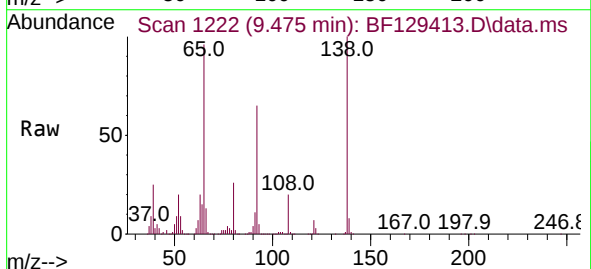
Manual Integrations
APPROVED

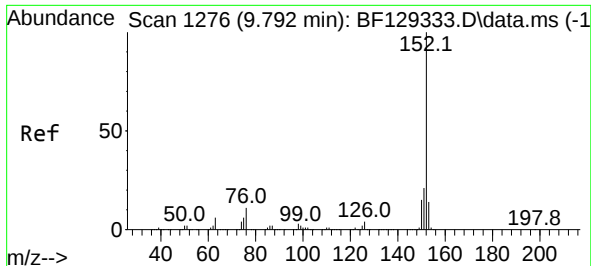
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#48
2-Nitroaniline
Concen: 42.151 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

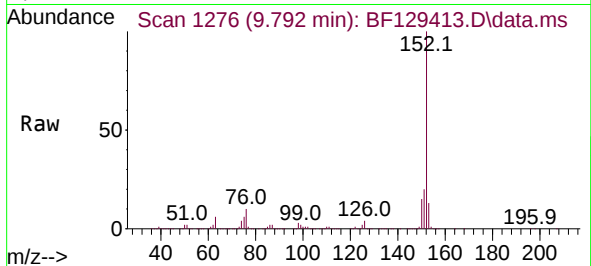
Tgt Ion: 65 Resp: 390522
Ion Ratio Lower Upper
65 100
92 68.2 51.9 77.9
138 104.5 76.4 114.6





#49
Acenaphthylene
Concen: 42.172 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

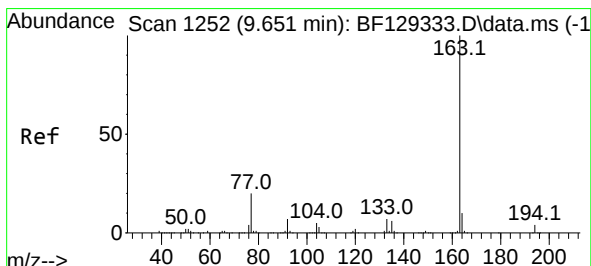
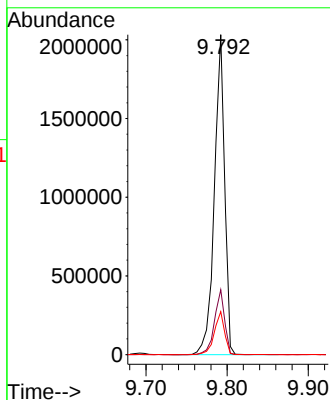
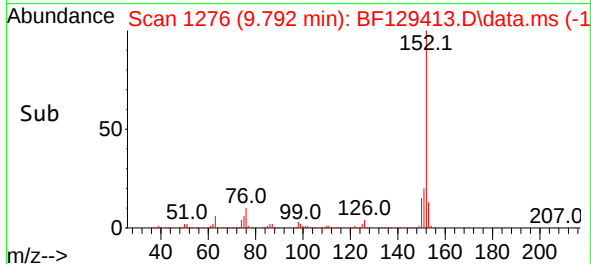
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



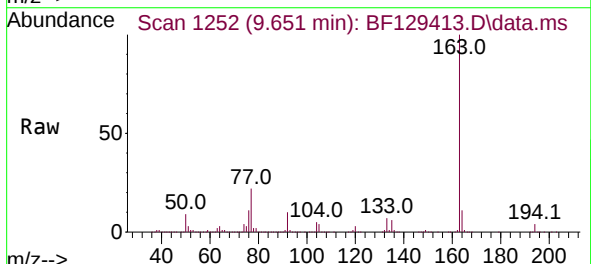
Tgt Ion:152 Resp: 1785442
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.7 16.1

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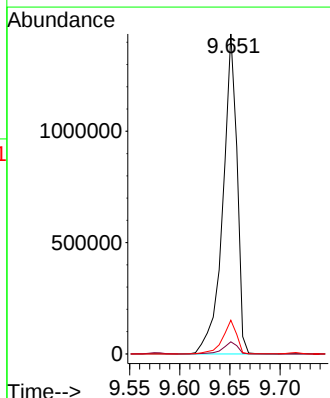
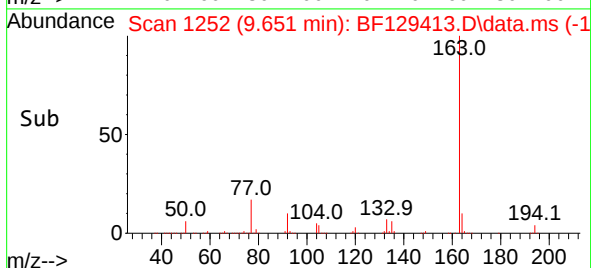
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

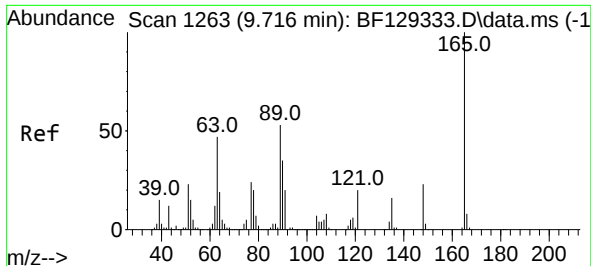


#50
Dimethylphthalate
Concen: 43.372 ng
RT: 9.651 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



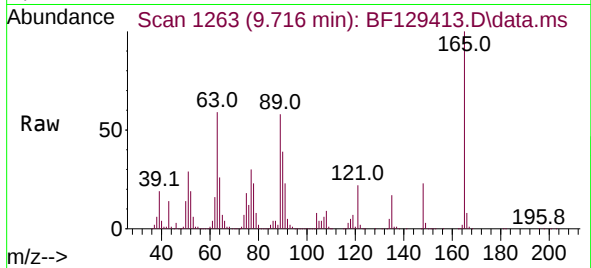
Tgt Ion:163 Resp: 1414027
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.448 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

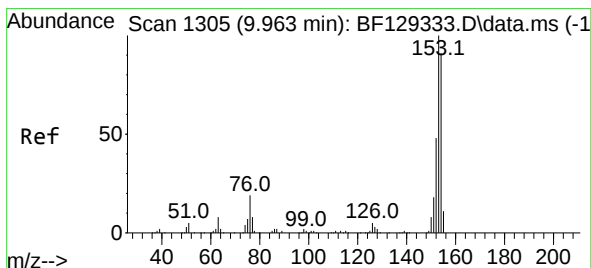
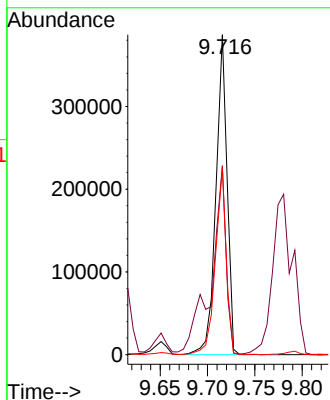
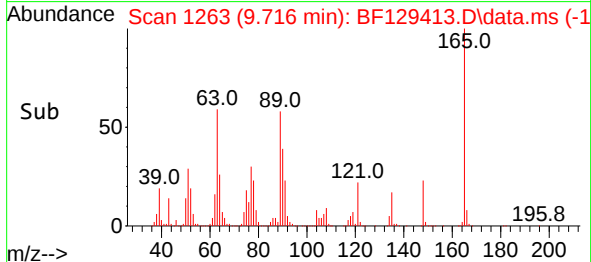
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:165 Resp: 317031
Ion Ratio Lower Upper
165 100
63 59.0 44.9 67.3
89 58.4 43.6 65.4

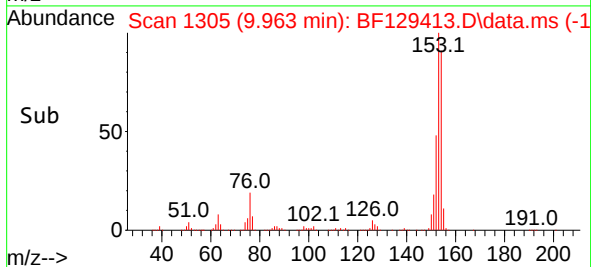
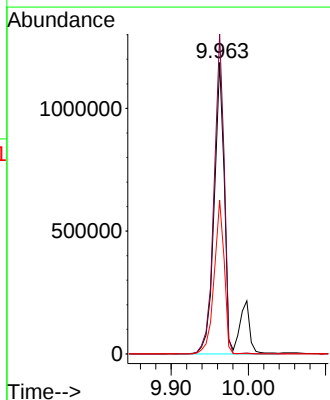
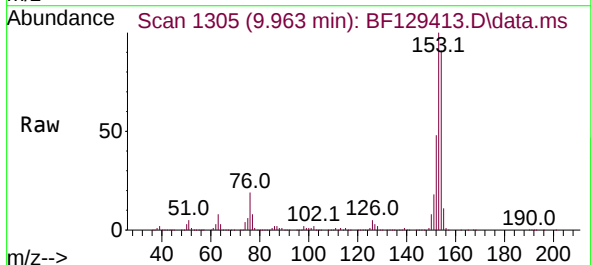
Manual Integrations
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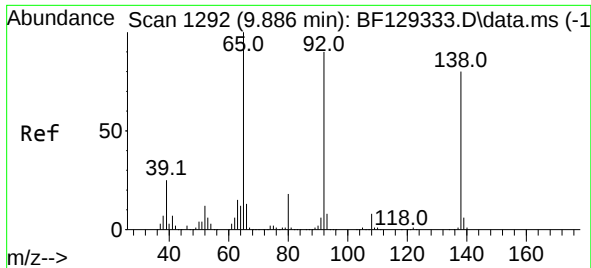
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#52
Acenaphthene
Concen: 46.010 ng m
RT: 9.963 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

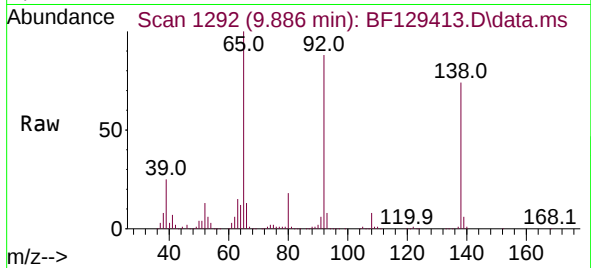
Tgt Ion:154 Resp: 1272260
Ion Ratio Lower Upper
154 100
153 109.9 89.6 134.4
152 52.8 42.4 63.6





#53
3-Nitroaniline
Concen: 32.403 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

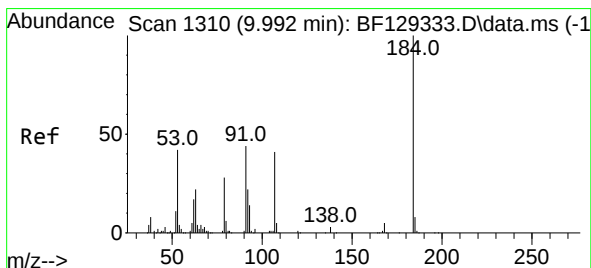
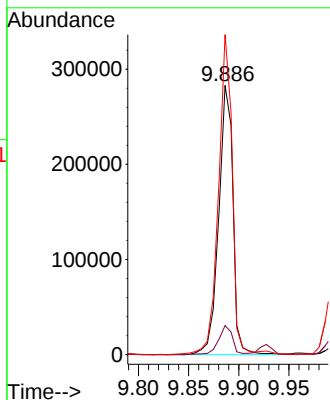
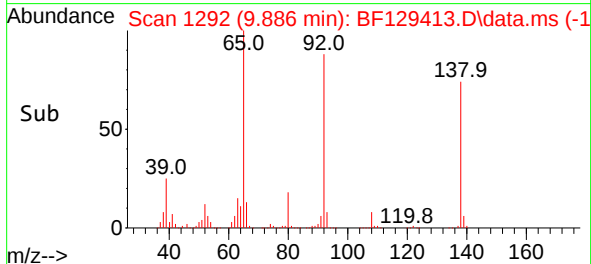
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:138 Resp: 279206
Ion Ratio Lower Upper
138 100
108 10.8 10.9 16.3#
92 118.9 98.2 147.2

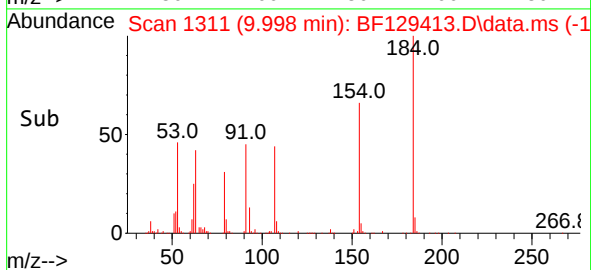
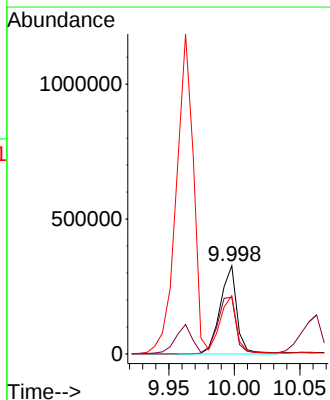
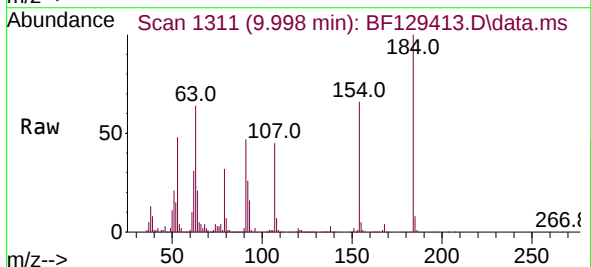
Manual Integrations
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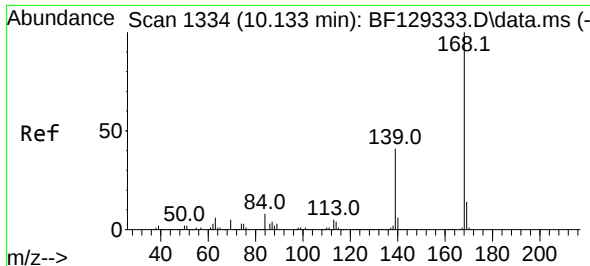
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#54
2,4-Dinitrophenol
Concen: 77.888 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

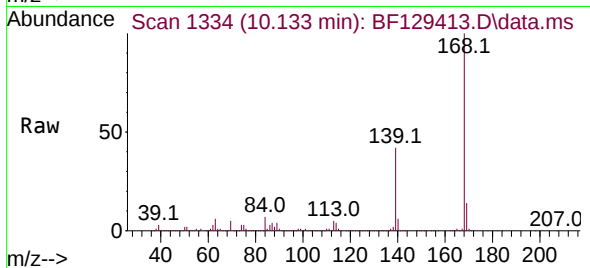
Tgt Ion:184 Resp: 290142
Ion Ratio Lower Upper
184 100
63 64.2 64.5 96.7#
154 66.2 50.6 75.8





#55
Dibenzofuran
Concen: 42.623 ng
RT: 10.133 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

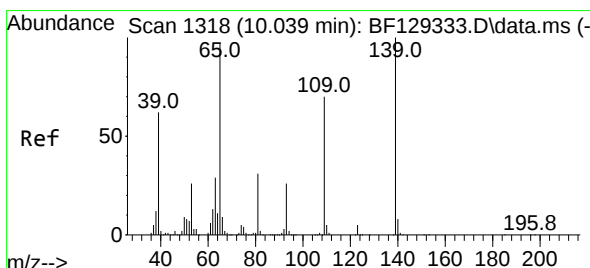
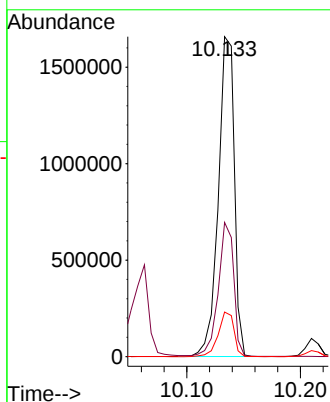
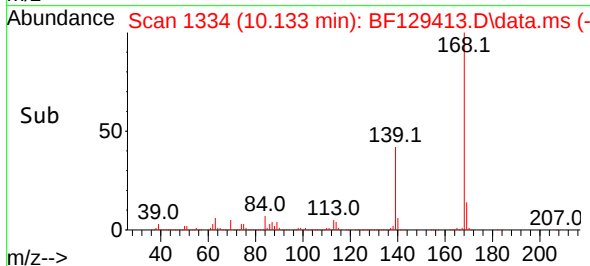
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



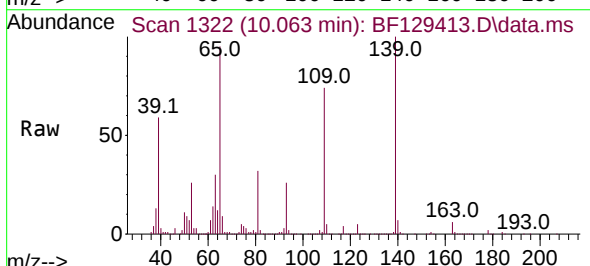
Tgt Ion:168 Resp: 1624735
Ion Ratio Lower Upper
168 100
139 41.9 30.6 46.0
169 13.9 11.0 16.6

Manual Integrations
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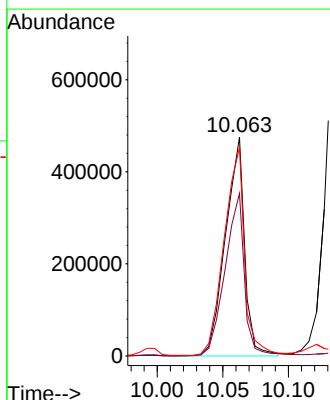
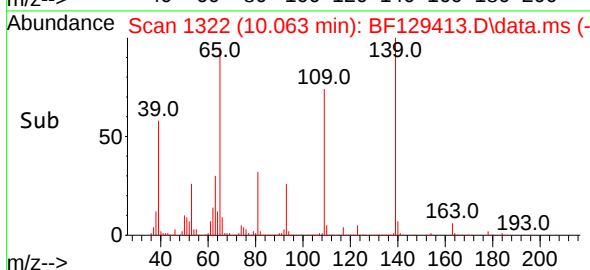
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

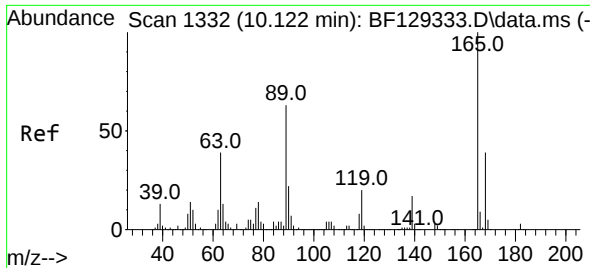


#56
4-Nitrophenol
Concen: 76.224 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.023 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



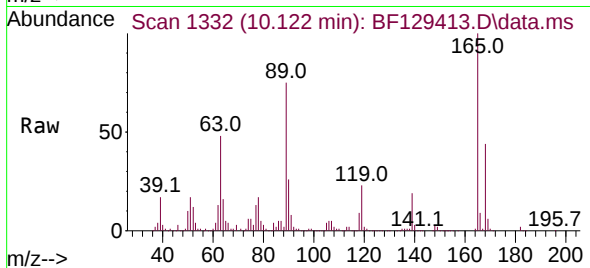
Tgt Ion:139 Resp: 484547
Ion Ratio Lower Upper
139 100
109 74.2 50.7 90.7
65 95.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 43.829 ng
RT: 10.122 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

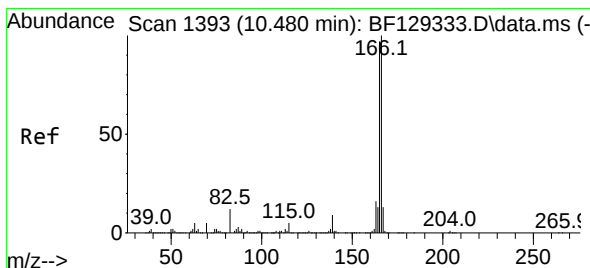
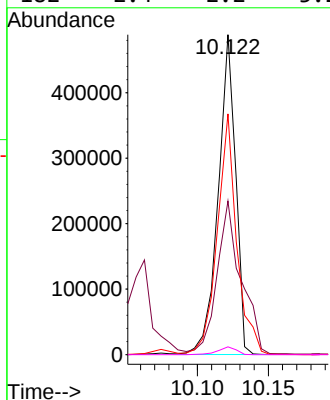
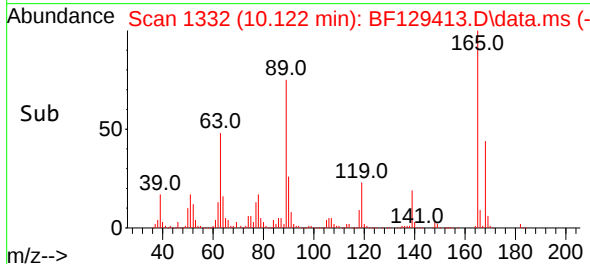
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



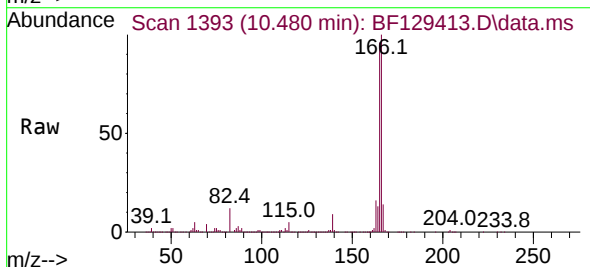
Tgt Ion:165 Resp: 417798
Ion Ratio Lower Upper
165 100
63 48.0 39.8 59.6
89 75.2 60.2 90.2
182 2.4 2.2 3.2

Manual Integrations
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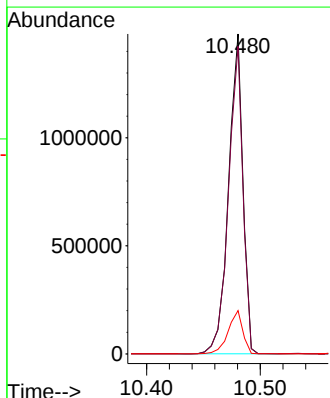
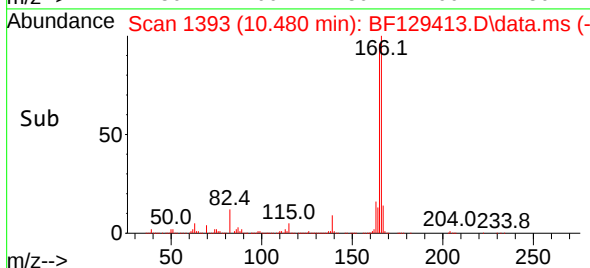
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

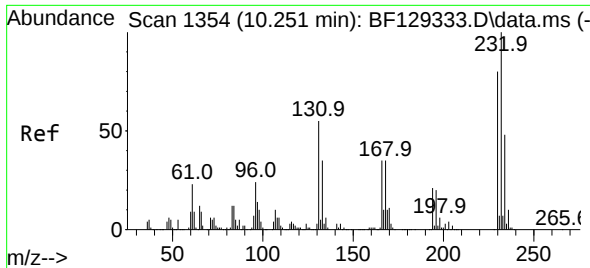


#58
Fluorene
Concen: 42.734 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



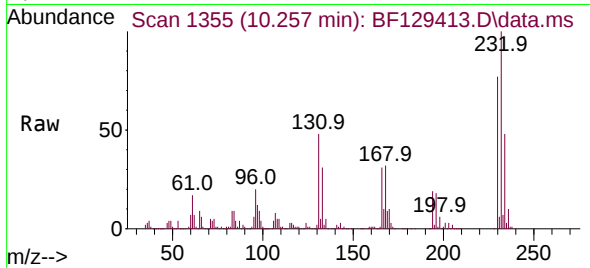
Tgt Ion:166 Resp: 1303380
Ion Ratio Lower Upper
166 100
165 96.1 78.1 117.1
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.748 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

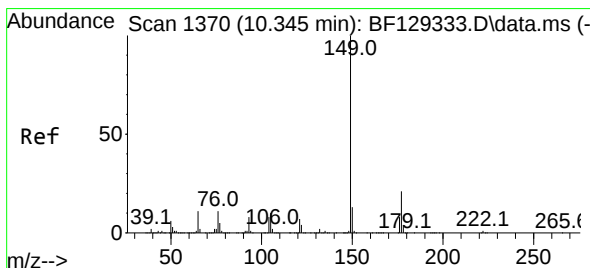
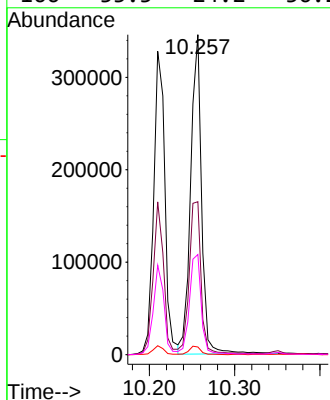
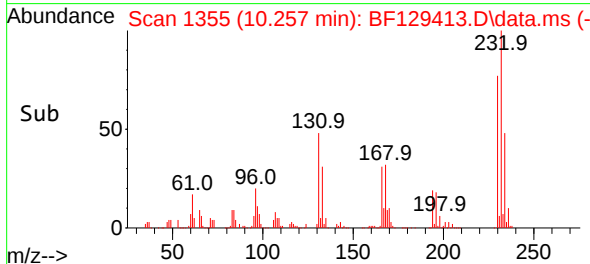
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



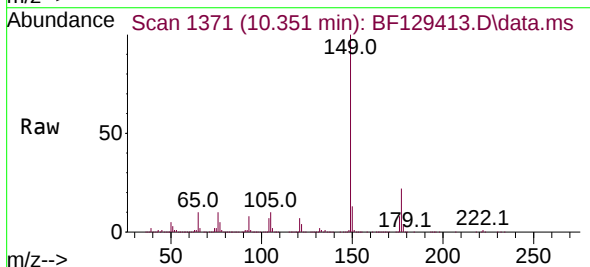
Tgt Ion:232 Resp: 308431
Ion Ratio Lower Upper
232 100
131 52.1 36.1 54.1
130 2.9 1.8 2.8
166 33.3 24.2 36.2

Manual Integrations
APPROVED

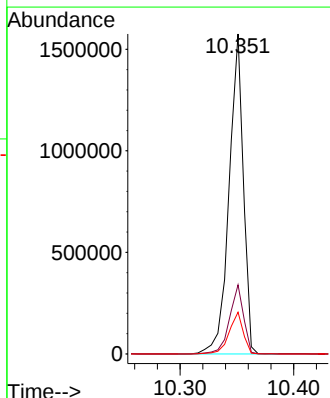
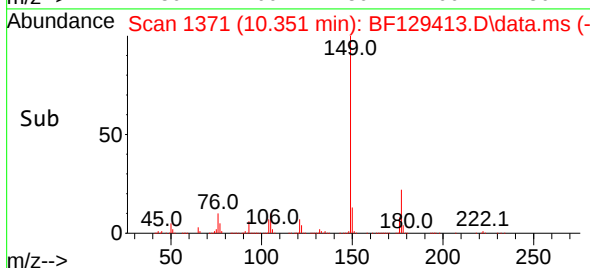
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

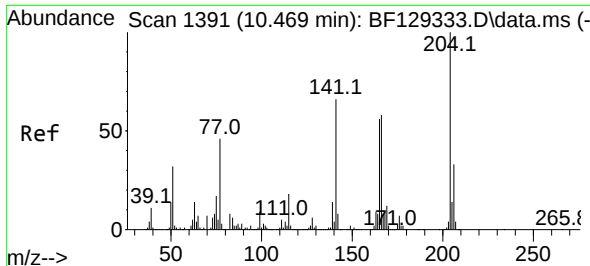


#60
Diethylphthalate
Concen: 43.694 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



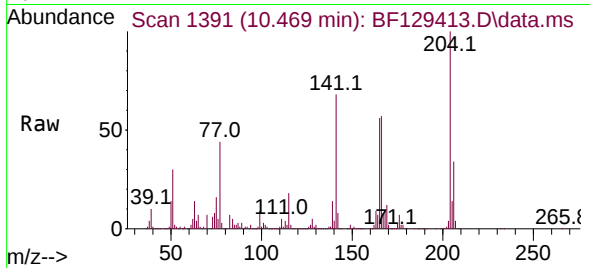
Tgt Ion:149 Resp: 1377061
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.722 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

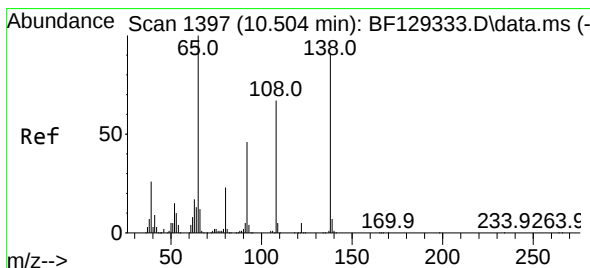
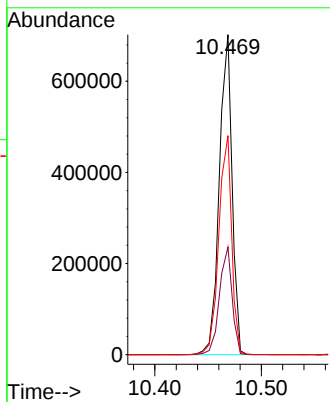
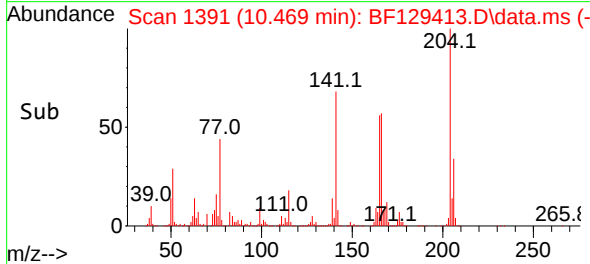
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



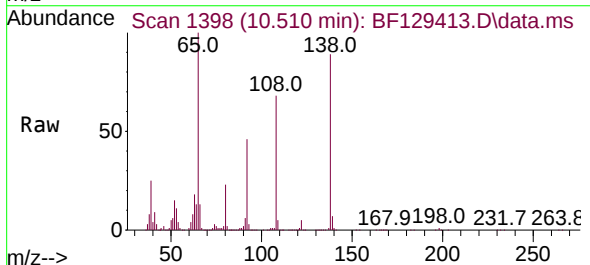
Tgt Ion:204 Resp: 587885
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 68.4 47.0 70.4

Manual Integrations
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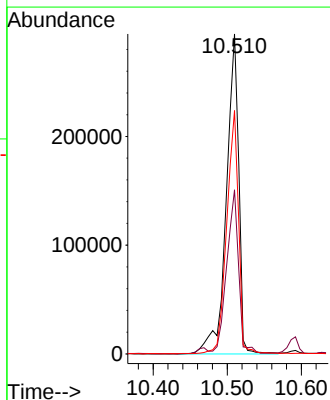
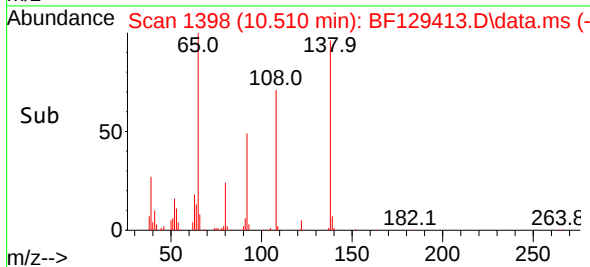
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

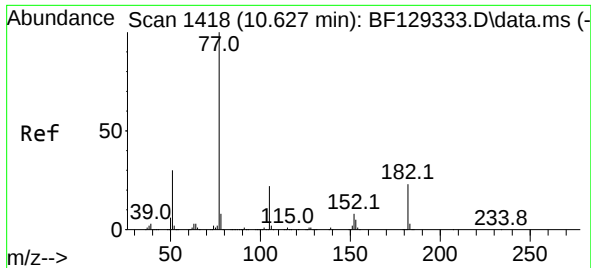


#62
4-Nitroaniline
Concen: 40.003 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



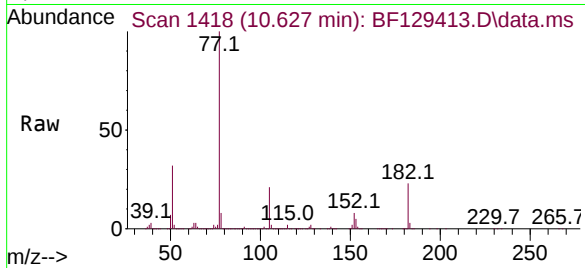
Tgt Ion:138 Resp: 341940
Ion Ratio Lower Upper
138 100
92 51.3 33.5 73.5
108 76.0 61.0 101.0





#63
Azobenzene
Concen: 41.661 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

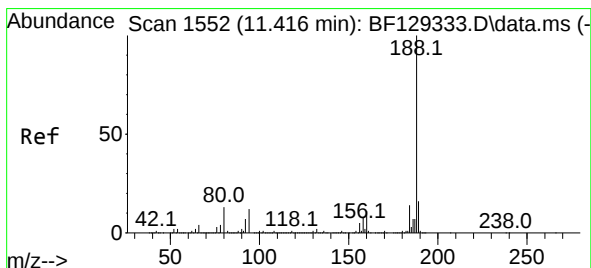
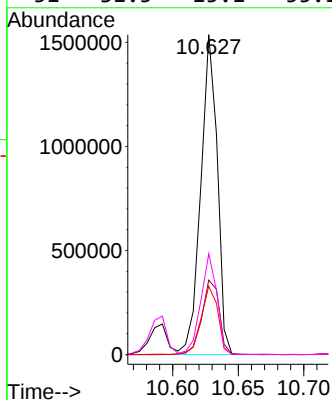
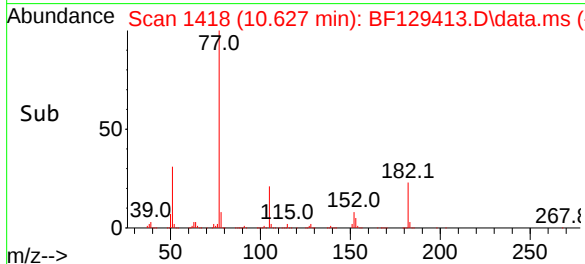
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



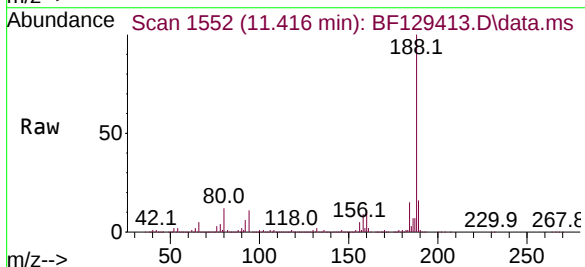
Tgt Ion: 77 Resp: 1339188
Ion Ratio Lower Upper
77 100
182 23.3 5.6 45.6
105 21.4 1.6 41.6
51 31.5 15.1 55.1

Manual Integrations
APPROVED

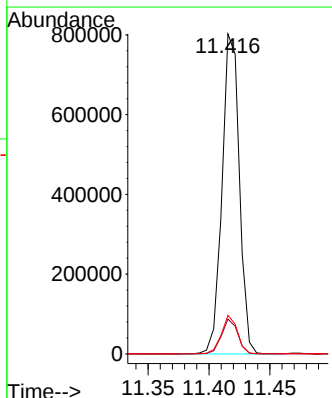
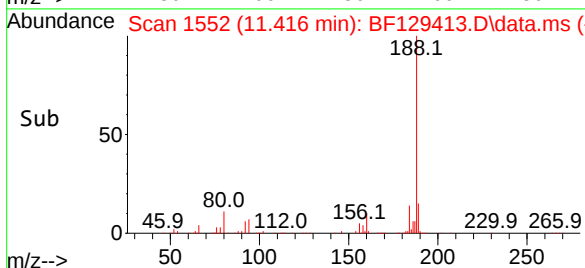
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

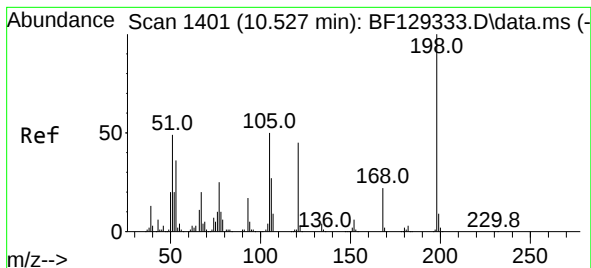


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31



Tgt Ion:188 Resp: 793635
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 12.0 7.6 11.4#





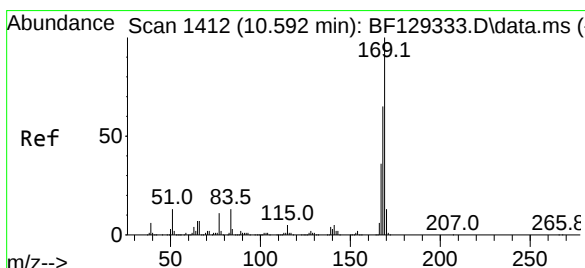
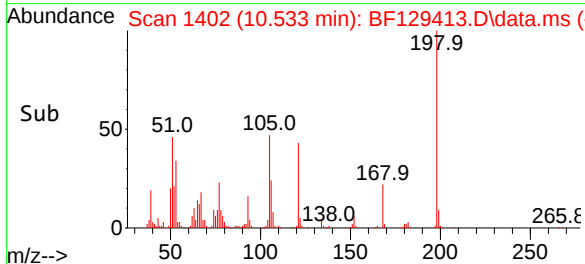
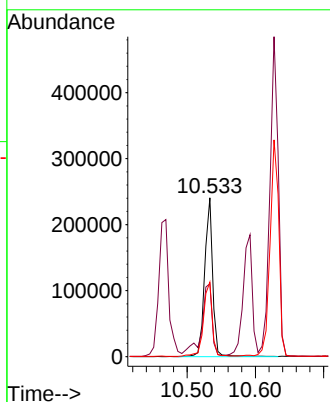
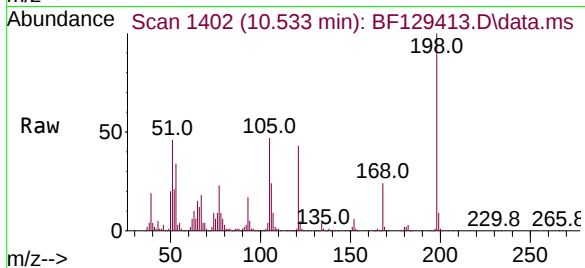
#65
4,6-Dinitro-2-methylphenol
Concen: 39.345 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS

Tgt Ion:198 Resp: 197086
Ion Ratio Lower Upper
198 100
51 45.9 37.6 77.6
105 46.9 27.0 67.0

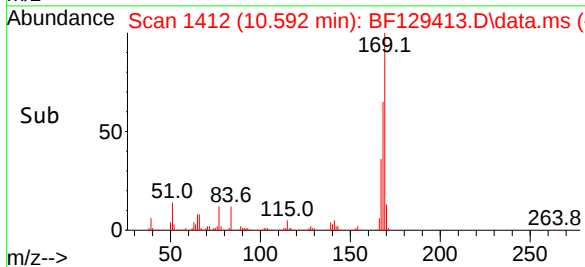
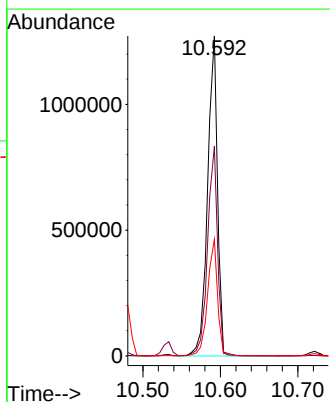
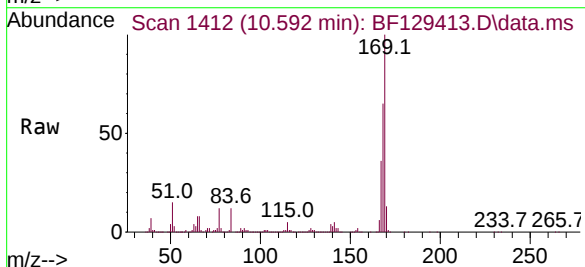
Manual Integrations
APPROVED

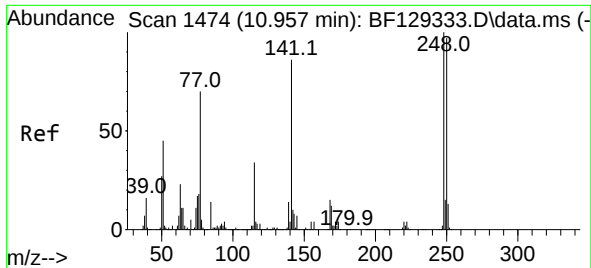
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#66
n-Nitrosodiphenylamine
Concen: 42.556 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

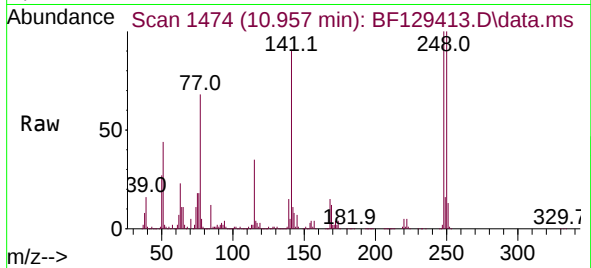
Tgt Ion:169 Resp: 1124753
Ion Ratio Lower Upper
169 100
168 65.5 50.1 75.1
167 36.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 44.088 ng
RT: 10.957 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

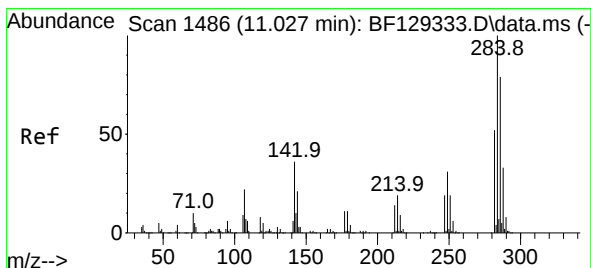
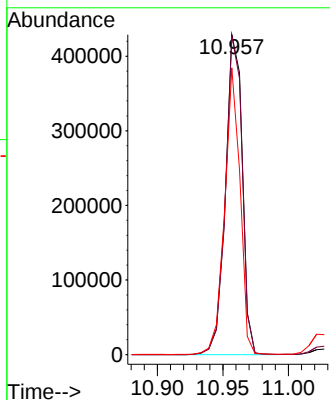
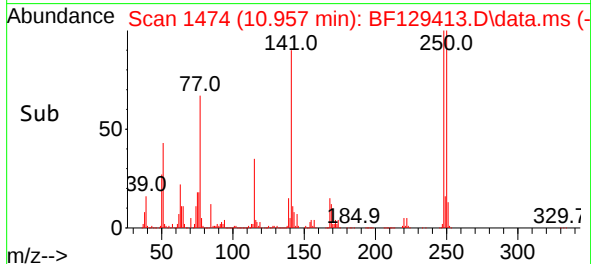
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:248 Resp: 383149
Ion Ratio Lower Upper
248 100
250 99.6 80.6 120.8
141 89.6 58.9 88.3

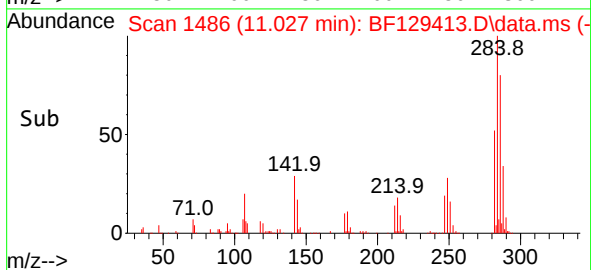
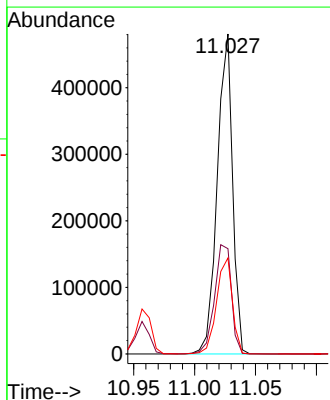
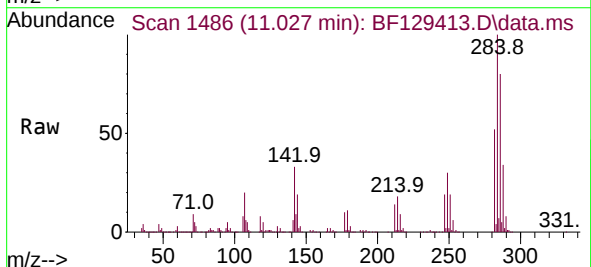
Manual Integrations
APPROVED

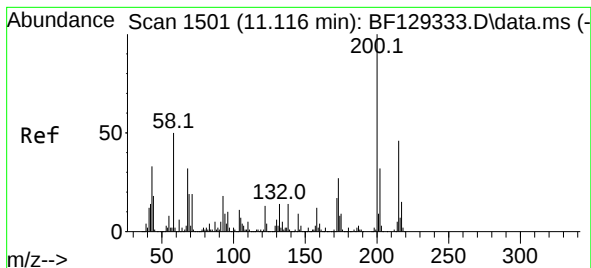
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#68
Hexachlorobenzene
Concen: 44.446 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Tgt Ion:284 Resp: 418528
Ion Ratio Lower Upper
284 100
142 32.9 29.0 43.4
249 30.0 25.0 37.6





#69

Atrazine

Concen: 47.539 ng

RT: 11.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MS

Tgt Ion:200 Resp: 381640

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

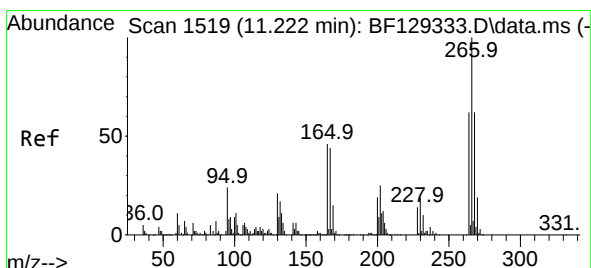
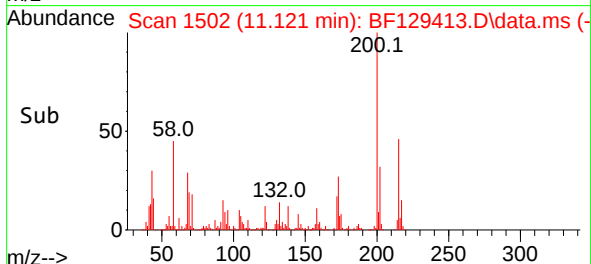
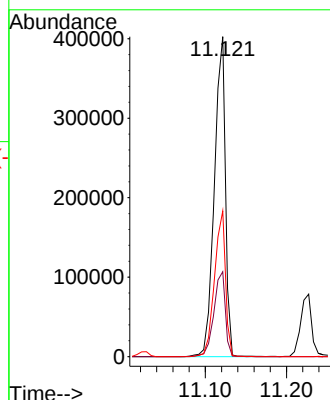
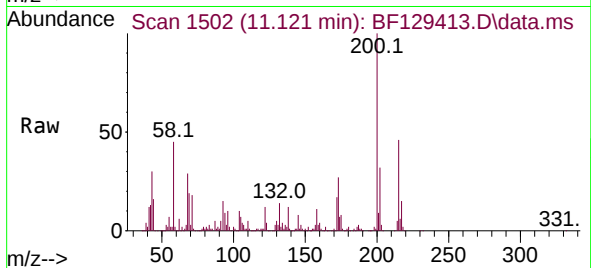
215 45.5 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#70

Pentachlorophenol

Concen: 76.262 ng

RT: 11.227 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

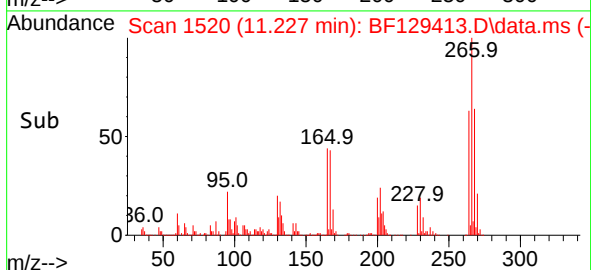
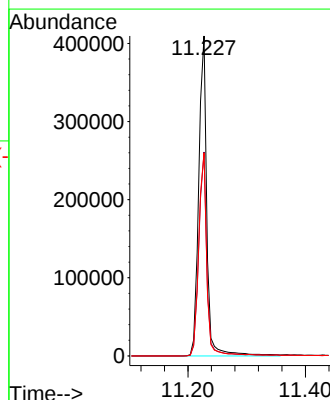
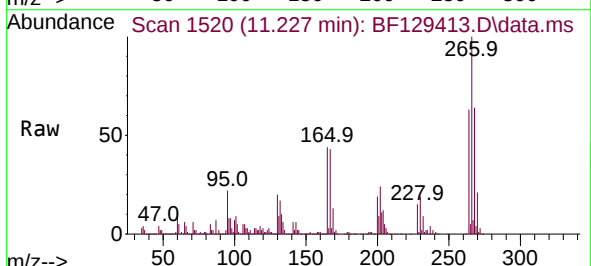
Tgt Ion:266 Resp: 390393

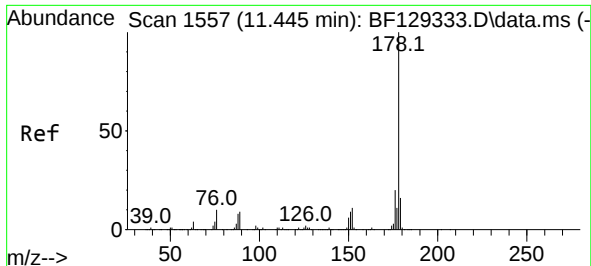
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.4

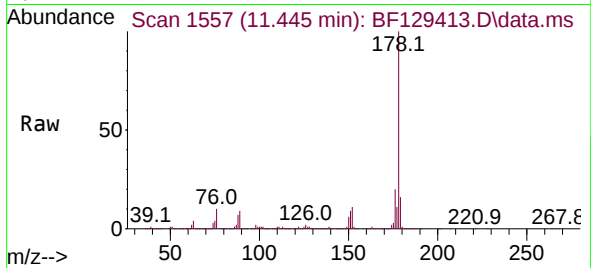
264 63.4 49.4 74.2





#71
Phenanthrene
Concen: 41.925 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

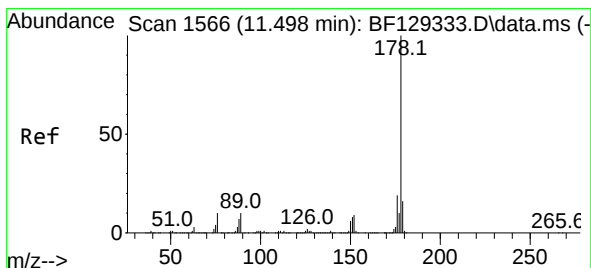
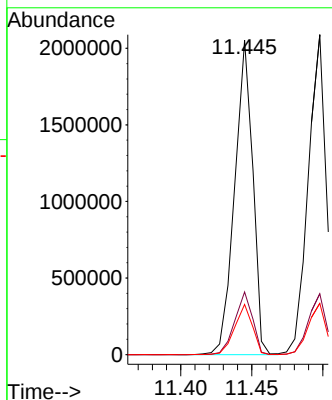
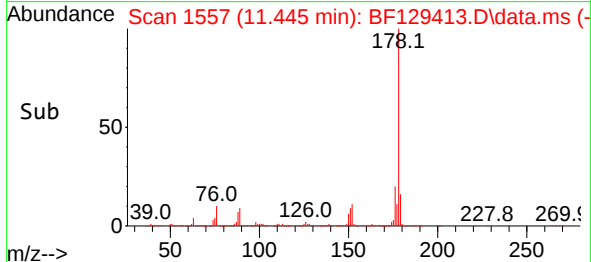
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:178 Resp: 1816292
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.9 12.6 19.0

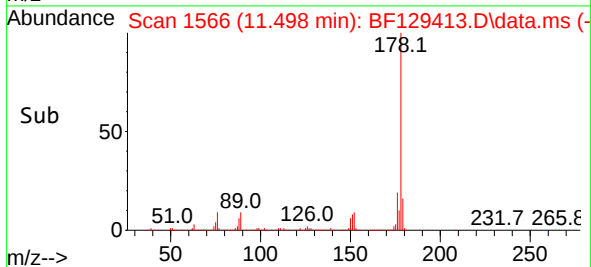
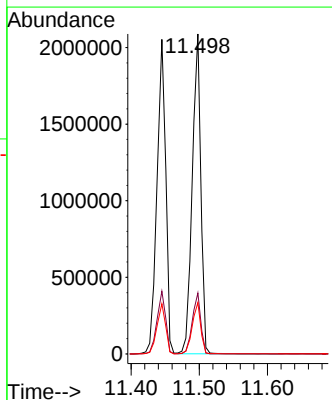
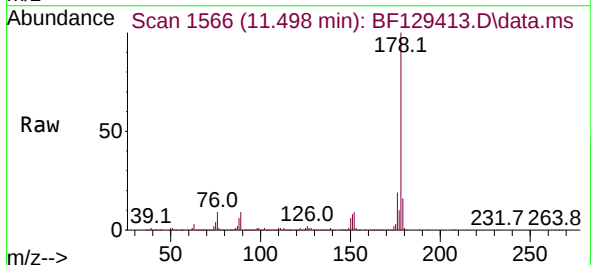
Manual Integrations
APPROVED

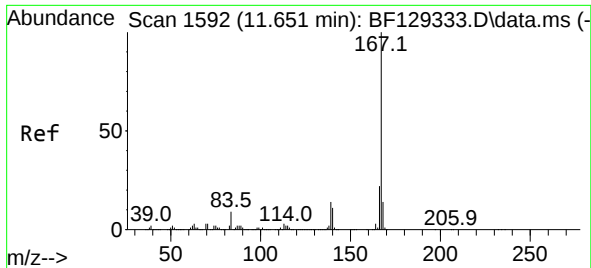
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#72
Anthracene
Concen: 43.035 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

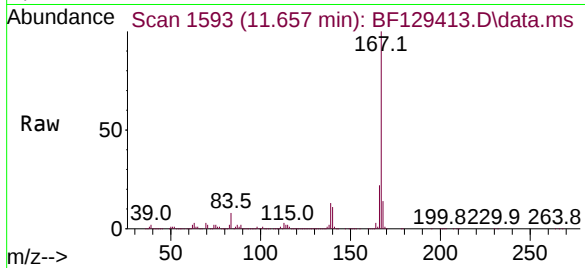
Tgt Ion:178 Resp: 1832156
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 42.188 ng
 RT: 11.657 min Scan# 1592
 Delta R.T. 0.006 min
 Lab File: BF129413.D
 Acq: 28 Jul 2022 17:31

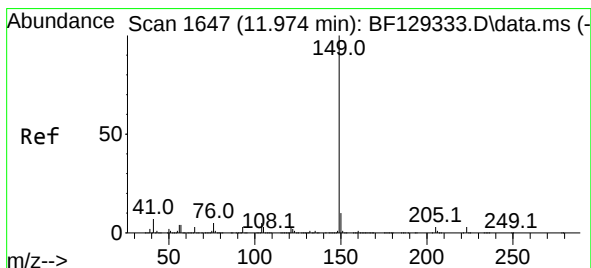
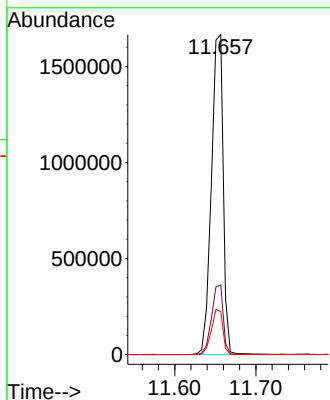
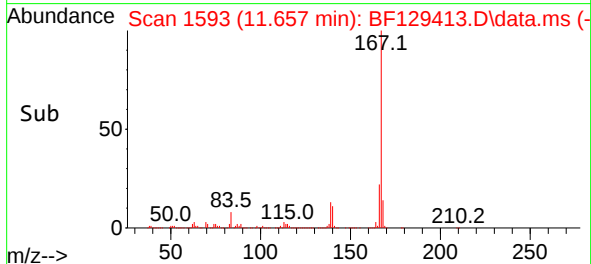
Instrument :
 BNA_F
 ClientSampleId :
 PB-07-27-2022MS



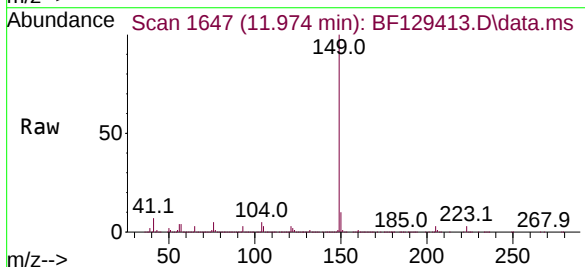
Tgt Ion:167 Resp: 1690732
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.4 11.2 16.8

Manual Integrations
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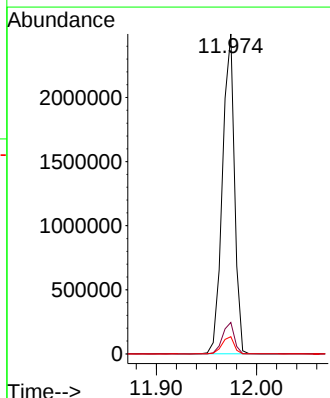
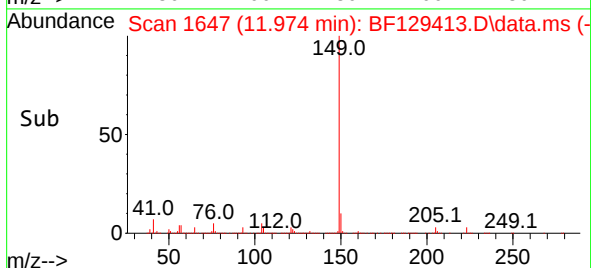
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

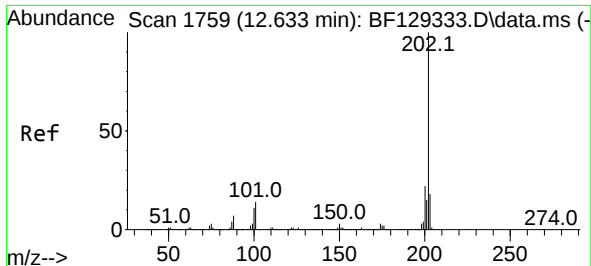


#74
 Di-n-butylphthalate
 Concen: 44.073 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: BF129413.D
 Acq: 28 Jul 2022 17:31



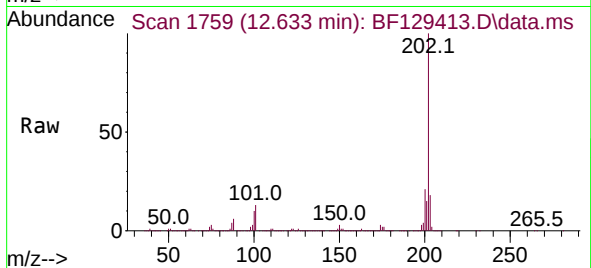
Tgt Ion:149 Resp: 2103450
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 40.711 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

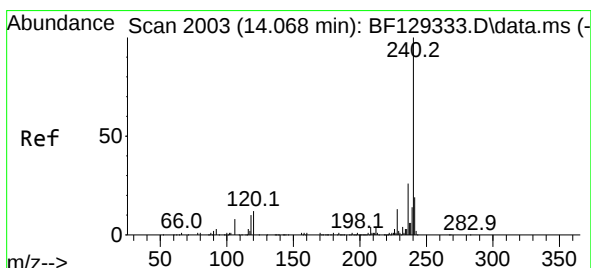
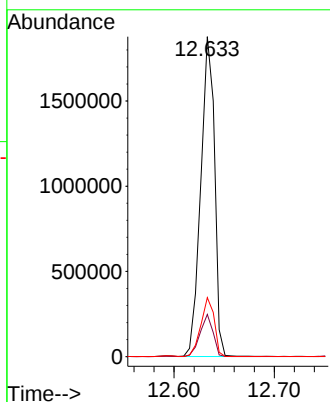
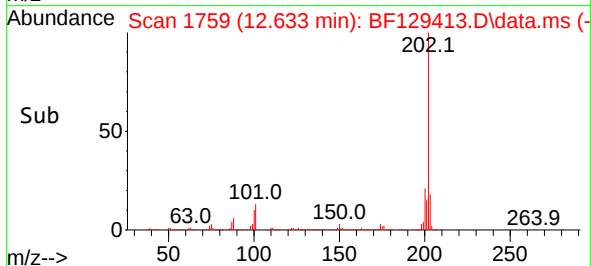
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:202 Resp: 1787034
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.4 0.0 38.0

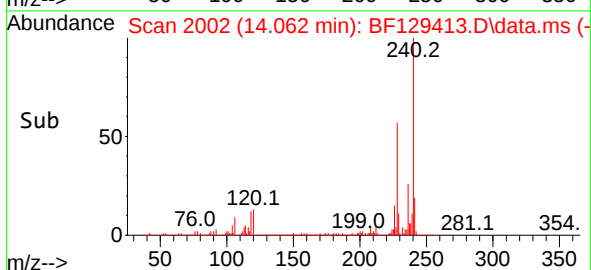
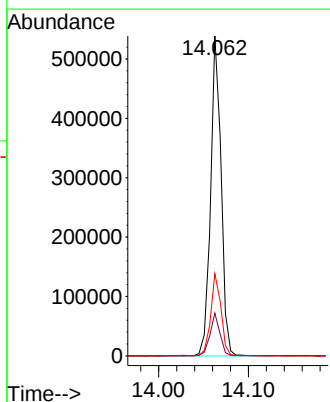
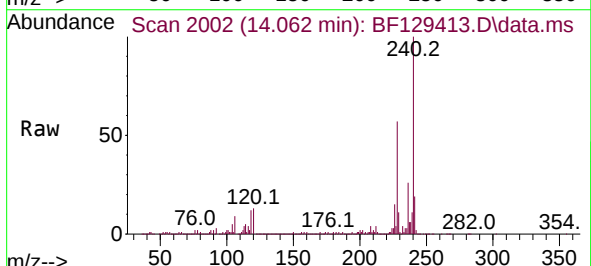
Manual Integrations
APPROVED

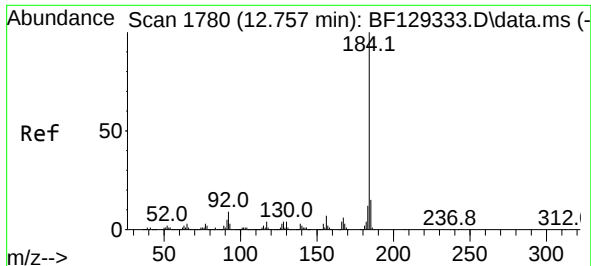
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

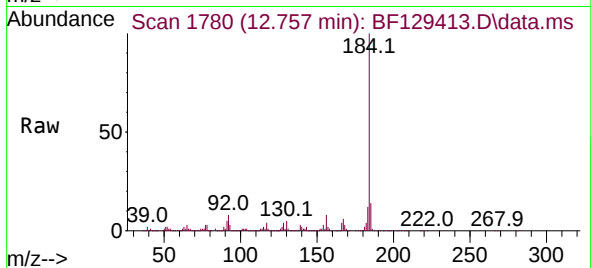
Tgt Ion:240 Resp: 437295
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.7 20.8 31.2





#77
Benzidine
Concen: 47.465 ng
RT: 12.757 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

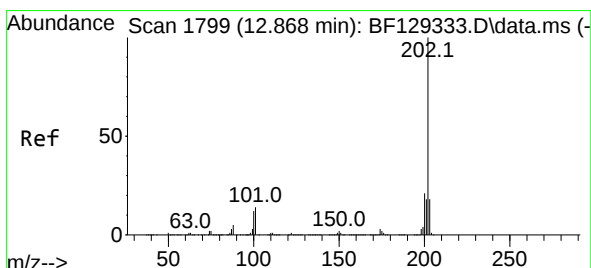
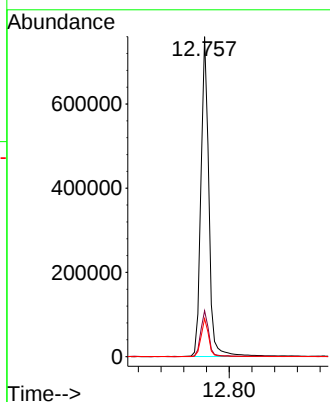
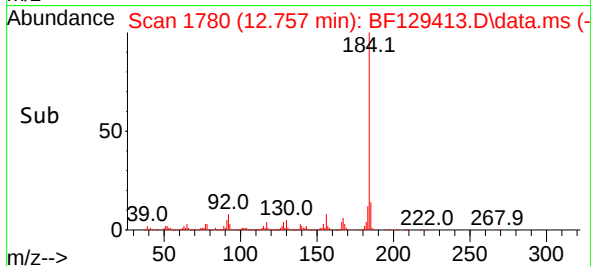
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:184 Resp: 733263
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.8 9.3 13.9

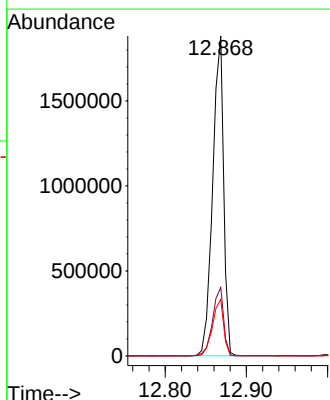
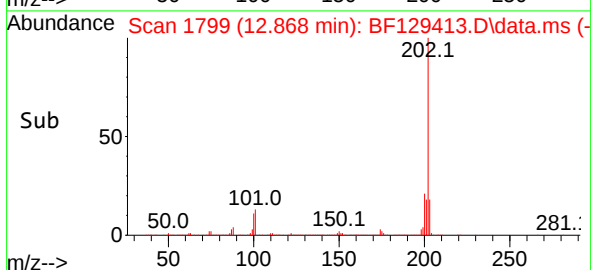
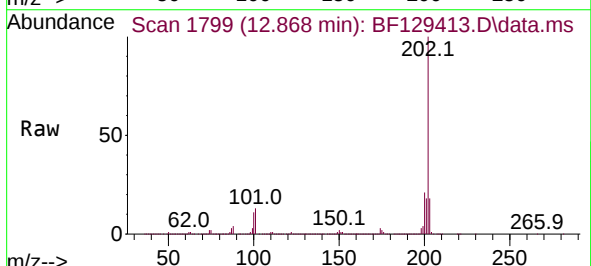
Manual Integrations
APPROVED

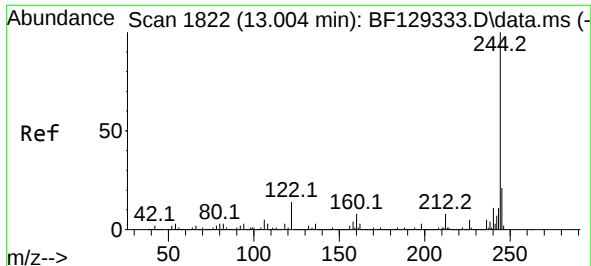
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#78
Pyrene
Concen: 48.355 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

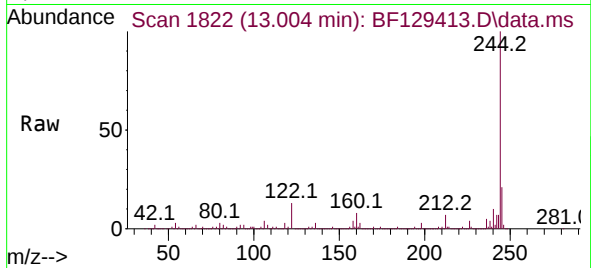
Tgt Ion:202 Resp: 1768236
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.6 14.6 21.8





#79
Terphenyl-d14
Concen: 94.707 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

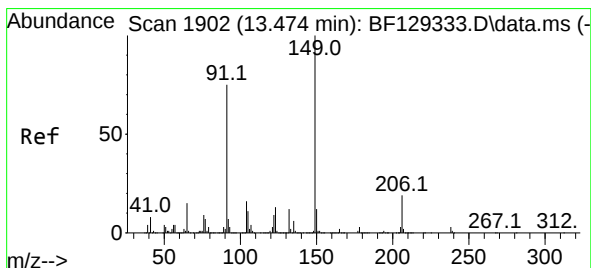
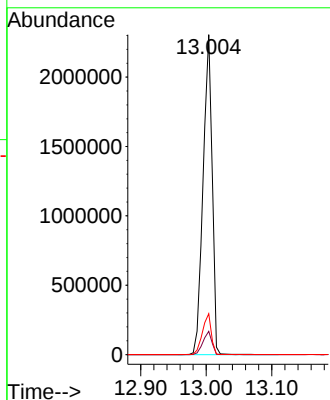
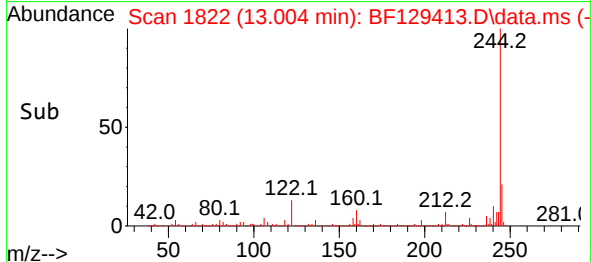
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:244 Resp: 2195246
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.8 8.8 13.2

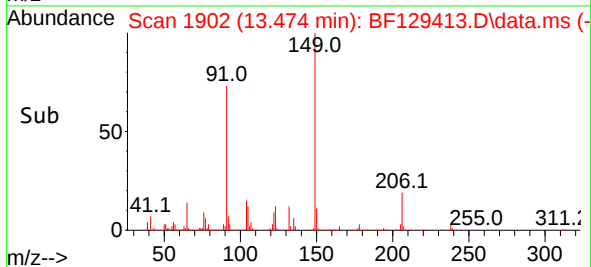
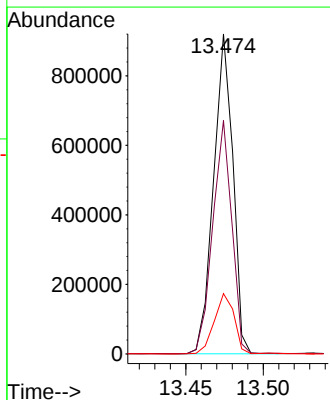
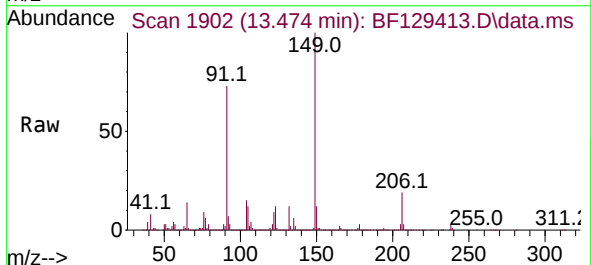
Manual Integrations
APPROVED

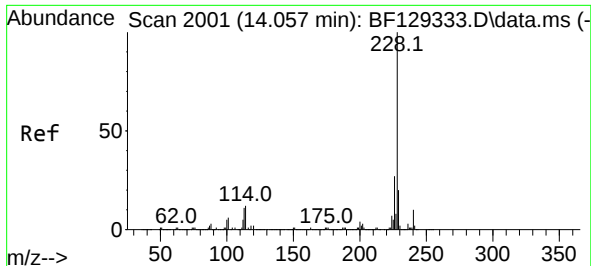
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#80
Butylbenzylphthalate
Concen: 50.172 ng
RT: 13.474 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

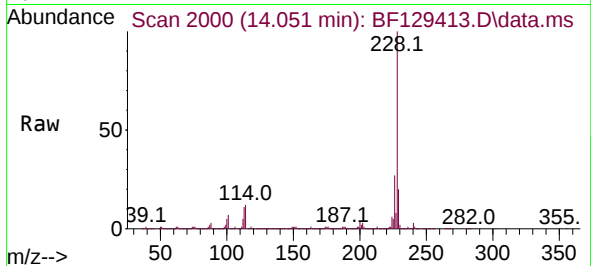
Tgt Ion:149 Resp: 795788
Ion Ratio Lower Upper
149 100
91 73.0 61.2 91.8
206 18.8 15.7 23.5





#81
Benzo(a)anthracene
Concen: 42.054 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

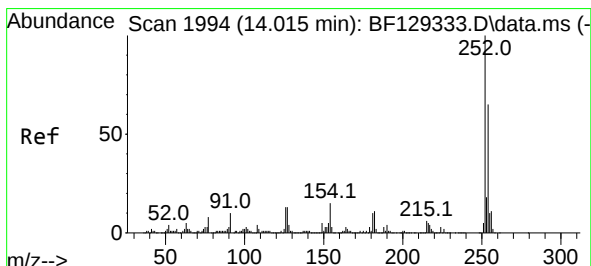
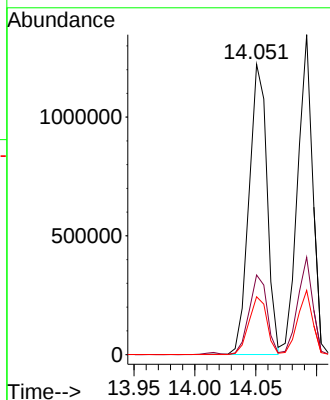
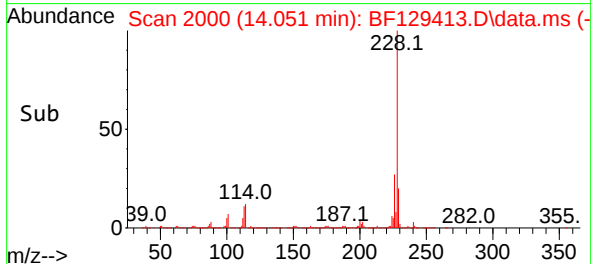
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:228 Resp: 1256203
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.8 23.8

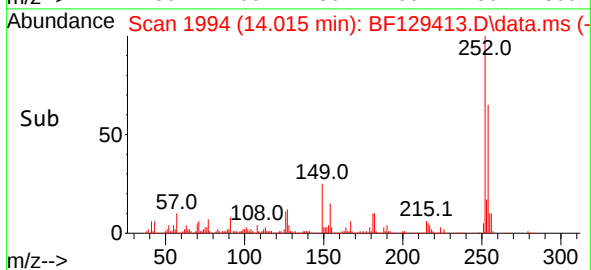
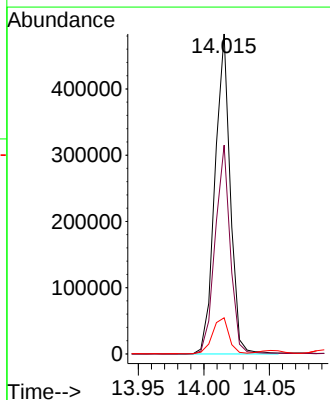
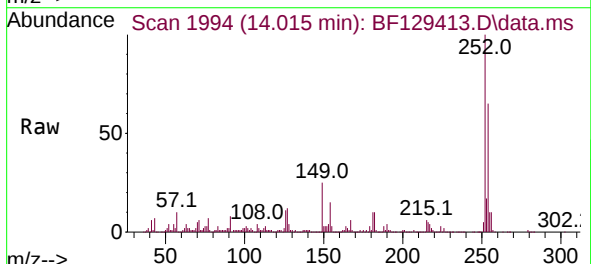
Manual Integrations
APPROVED

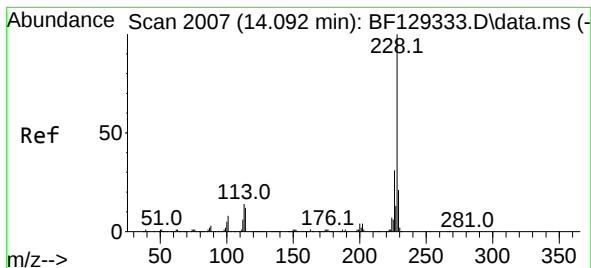
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.761 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Tgt Ion:252 Resp: 392153
Ion Ratio Lower Upper
252 100
254 65.2 50.2 75.4
126 11.3 8.2 12.4





#83

Chrysene

Concen: 41.051 ng

RT: 14.092 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MS

Tgt Ion:228 Resp: 1155690

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

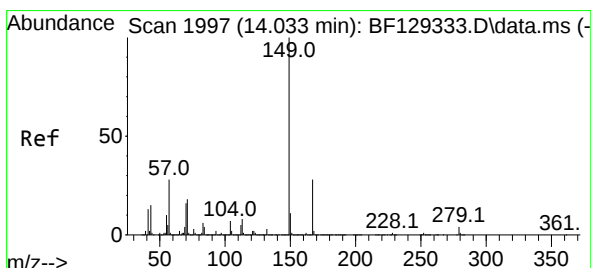
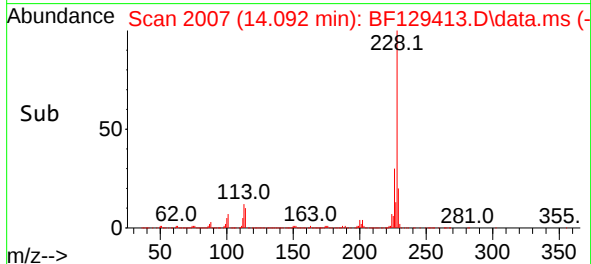
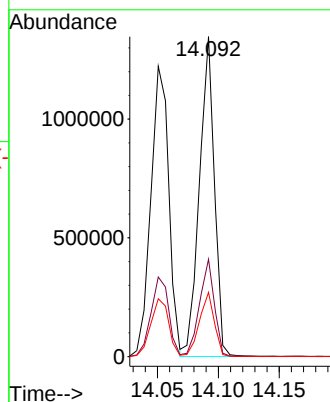
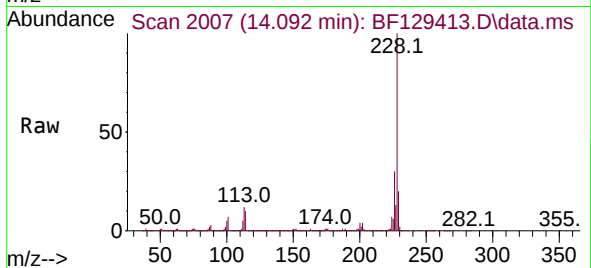
229 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.822 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

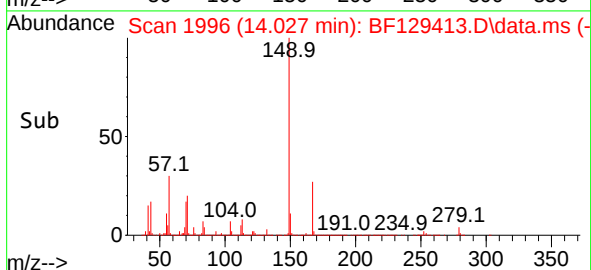
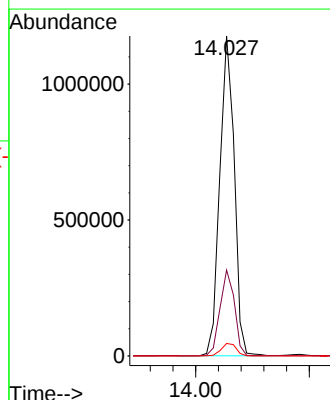
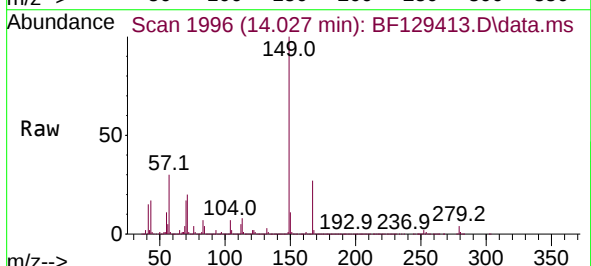
Tgt Ion:149 Resp: 1040372

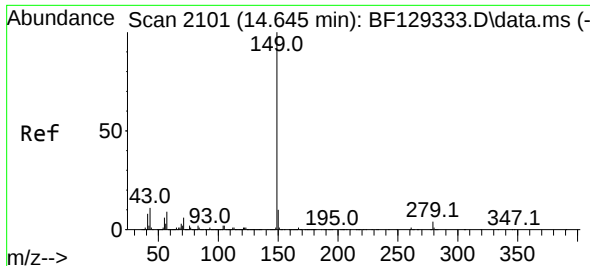
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

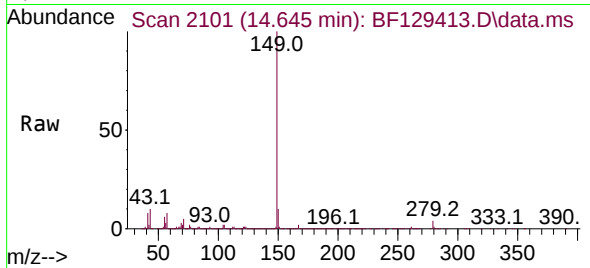
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 48.574 ng
RT: 14.645 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

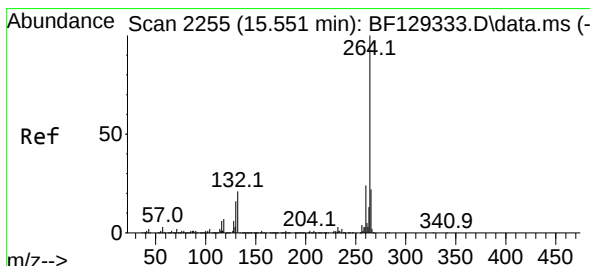
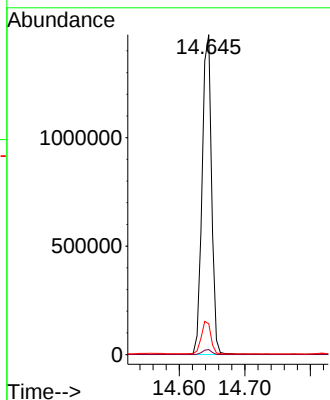
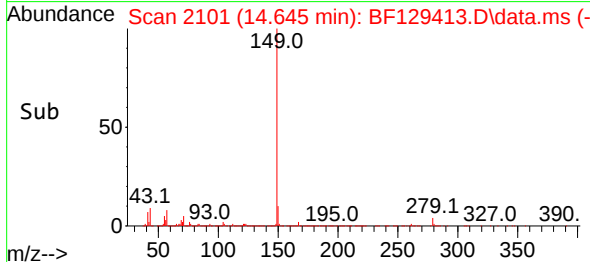
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:149 Resp: 1459610
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.3 9.2 13.8

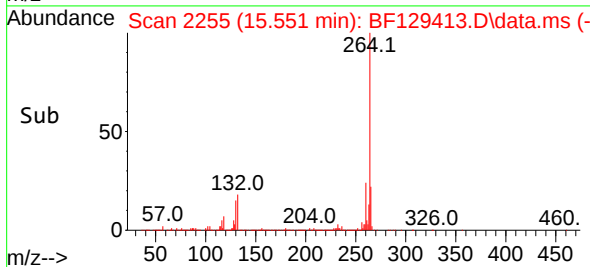
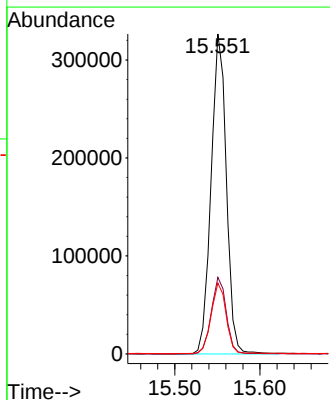
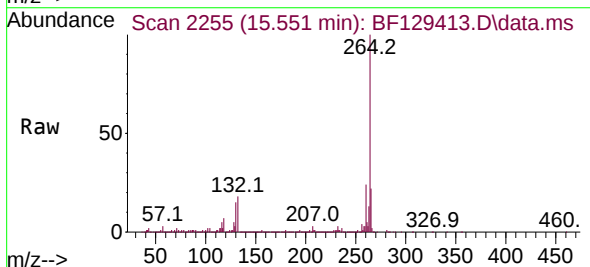
Manual Integrations
APPROVED

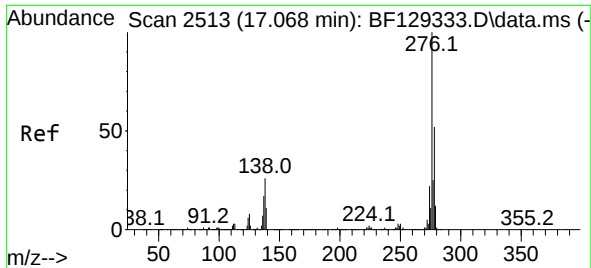
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Tgt Ion:264 Resp: 406414
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.1 17.2 25.8





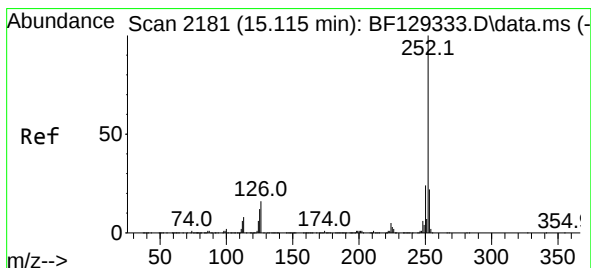
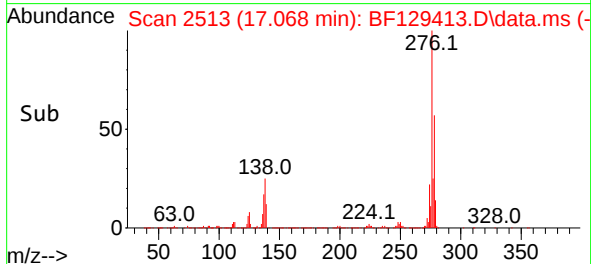
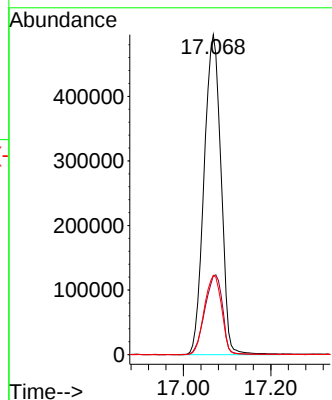
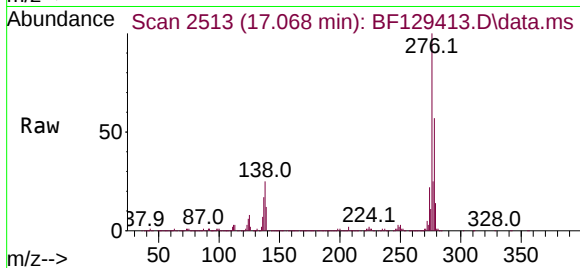
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.431 ng
RT: 17.068 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS

Tgt Ion:276 Resp: 1325475
Ion Ratio Lower Upper
276 100
138 26.1 21.1 31.7
277 25.5 20.3 30.5

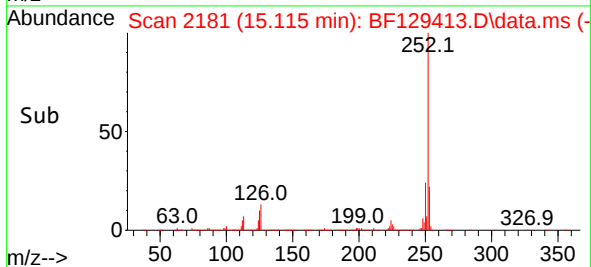
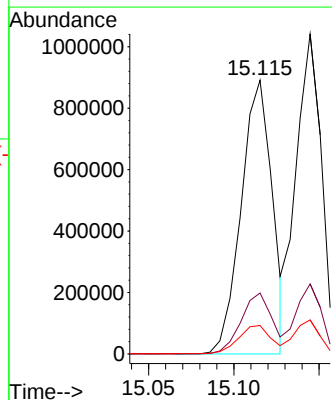
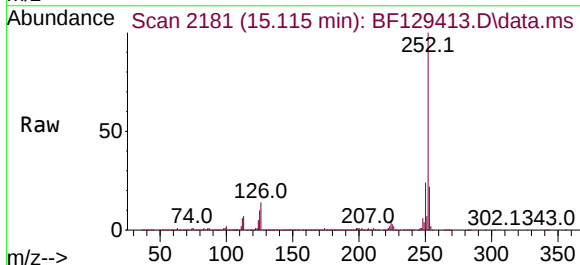
Manual Integrations
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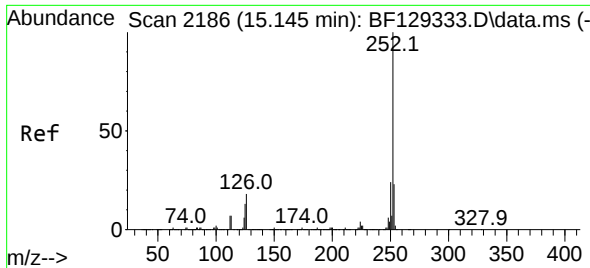
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#88
Benzo(b)fluoranthene
Concen: 41.879 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Tgt Ion:252 Resp: 1128999
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.160 ng

RT: 15.145 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB-07-27-2022MS

Tgt Ion:252 Resp: 1087393

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

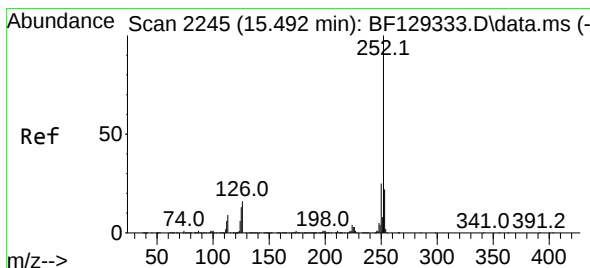
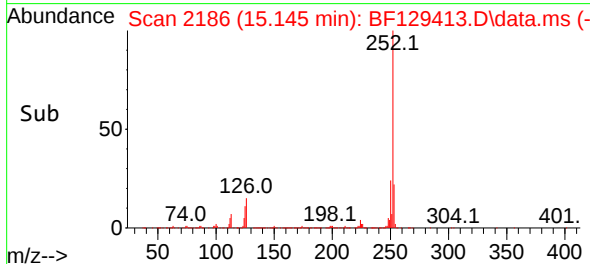
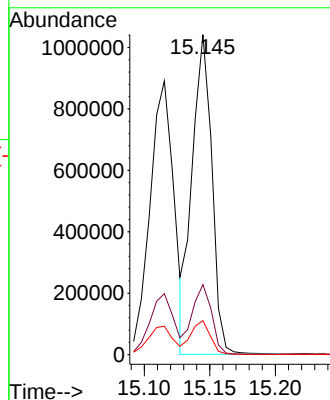
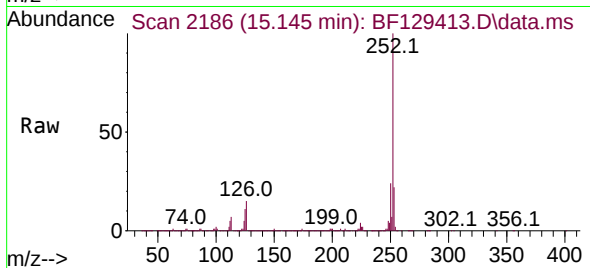
125 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#90

Benzo(a)pyrene

Concen: 46.272 ng

RT: 15.492 min Scan# 2245

Delta R.T. -0.000 min

Lab File: BF129413.D

Acq: 28 Jul 2022 17:31

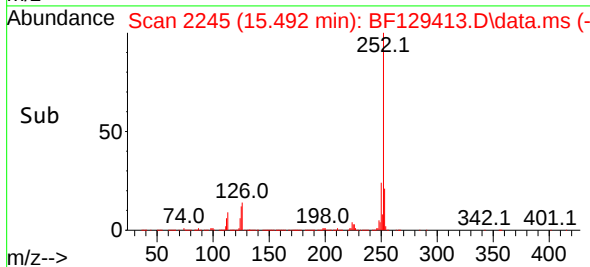
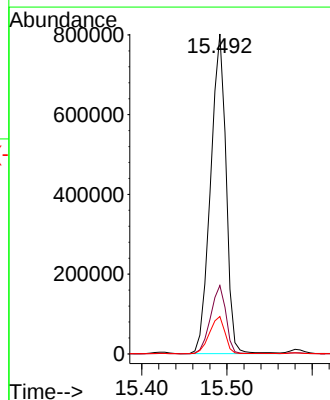
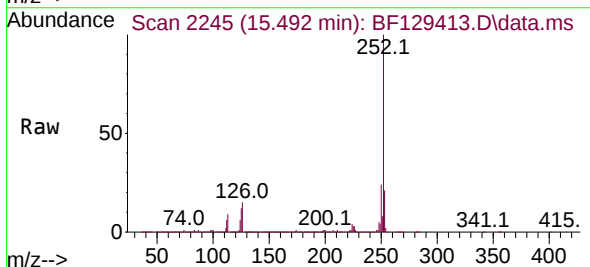
Tgt Ion:252 Resp: 1012626

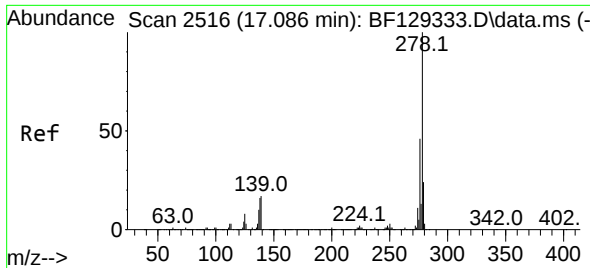
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

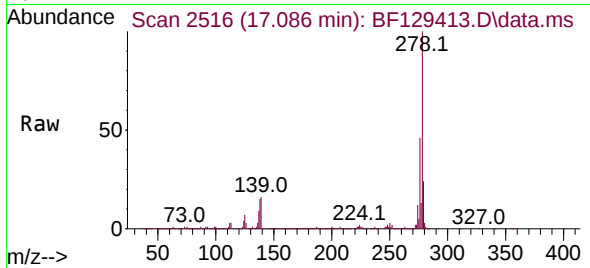
125 11.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 51.182 ng
RT: 17.086 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

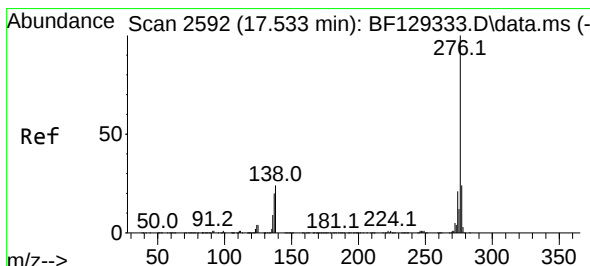
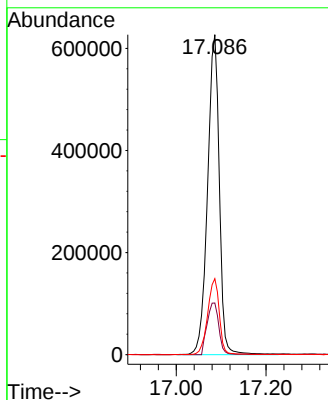
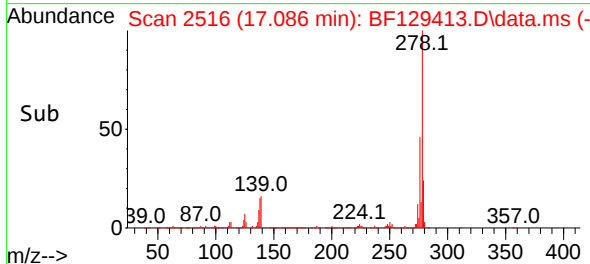
Instrument :
BNA_F
ClientSampleId :
PB-07-27-2022MS



Tgt Ion:278 Resp: 1140086
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.7 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#92
Benzo(g,h,i)perylene
Concen: 51.060 ng
RT: 17.533 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF129413.D
Acq: 28 Jul 2022 17:31

Tgt Ion:276 Resp: 1162205
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 22.3 18.0 27.0

