

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129714.D
 Acq On : 11 Aug 2022 13:52
 Operator : CG\JU
 Sample : PB146609BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146609BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 11 23:56:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	175151	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	715219	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	383227	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	636535	20.000	ng	0.00
76) Chrysene-d12	14.021	240	393209	20.000	ng	0.00
86) Perylene-d12	15.492	264	331738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1206414	112.203	ng	0.01
7) Phenol-d6	6.498	99	1493371	110.500	ng	0.00
23) Nitrobenzene-d5	7.410	82	970965	74.108	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	440692	119.609	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1823751	73.618	ng	0.00
79) Terphenyl-d14	12.957	244	1936337	92.904	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	136087	28.052	ng	89
3) Pyridine	3.446	79	369039	27.393	ng	88
4) n-Nitrosodimethylamine	3.387	42	214150	36.200	ng	# 86
6) Aniline	6.504	93	543991	32.378	ng	# 40
8) 2-Chlorophenol	6.634	128	497070	42.315	ng	97
9) Benzaldehyde	6.393	77	237762	25.906	ng	97
10) Phenol	6.510	94	583152m	40.519	ng	
11) bis(2-Chloroethyl)ether	6.575	93	462449	40.517	ng	92
12) 1,3-Dichlorobenzene	6.775	146	500343	39.715	ng	99
13) 1,4-Dichlorobenzene	6.851	146	506700	39.547	ng	98
14) 1,2-Dichlorobenzene	7.004	146	486266	41.289	ng	98
15) Benzyl Alcohol	6.992	79	404598	41.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	616706	35.946	ng	# 1
17) 2-Methylphenol	7.110	107	401649	41.216	ng	# 88
18) Hexachloroethane	7.345	117	195989	40.623	ng	93
19) n-Nitroso-di-n-propyla...	7.257	70	343487	41.982	ng	89
20) 3+4-Methylphenols	7.263	107	512705	41.379	ng	# 82
22) Acetophenone	7.251	105	685686	41.178	ng	97
24) Nitrobenzene	7.428	77	511065	37.879	ng	95
25) Isophorone	7.663	82	952561	40.560	ng	99
26) 2-Nitrophenol	7.739	139	268852	40.393	ng	95
27) 2,4-Dimethylphenol	7.787	122	452736m	45.346	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	587665	43.135	ng	99
29) 2,4-Dichlorophenol	7.992	162	412238	40.004	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	411971	38.623	ng	96
31) Naphthalene	8.145	128	1399133	38.504	ng	99
32) Benzoic acid	7.928	122	181088	25.089	ng	99
33) 4-Chloroaniline	8.198	127	457565	30.671	ng	97
34) Hexachlorobutadiene	8.251	225	250758	41.358	ng	99
35) Caprolactam	8.581	113	134463m	40.135	ng	
36) 4-Chloro-3-methylphenol	8.698	107	457623	41.870	ng	95
37) 2-Methylnaphthalene	8.834	142	940635	39.833	ng	99
38) 1-Methylnaphthalene	8.934	142	887709	38.942	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	412096	40.953	ng	98
41) Hexachlorocyclopentadiene	8.981	237	343514	76.663	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	266312	36.438	ng	98

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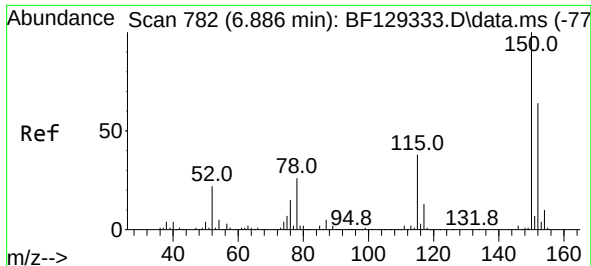
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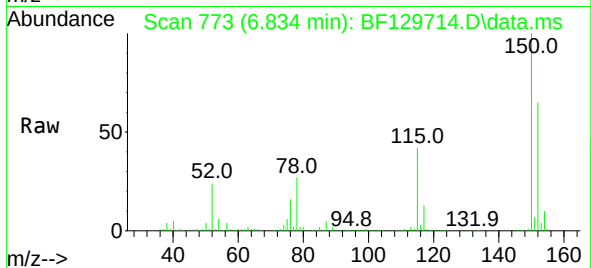
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	287096	36.122	ng	97
46) 1,1'-Biphenyl	9.298	154	1135995	40.618	ng	99
47) 2-Chloronaphthalene	9.328	162	884988	39.143	ng	99
48) 2-Nitroaniline	9.428	65	280540	37.315	ng	92
49) Acenaphthylene	9.745	152	1343996	39.121	ng	99
50) Dimethylphthalate	9.604	163	1084153	40.980	ng	100
51) 2,6-Dinitrotoluene	9.675	165	239819	40.502	ng	90
52) Acenaphthene	9.916	154	940294m	41.905	ng	
53) 3-Nitroaniline	9.845	138	194306	27.790	ng	# 92
54) 2,4-Dinitrophenol	9.957	184	204731	67.729	ng	94
55) Dibenzofuran	10.086	168	1223143	39.543	ng	96
56) 4-Nitrophenol	10.033	139	248604	48.194	ng	94
57) 2,4-Dinitrotoluene	10.081	165	304680	39.389	ng	93
58) Fluorene	10.428	166	1009026	40.770	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	210402	34.255	ng	91
60) Diethylphthalate	10.298	149	1071550	41.900	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	469014	42.985	ng	90
62) 4-Nitroaniline	10.469	138	240374m	34.655	ng	
63) Azobenzene	10.580	77	1005082	38.532	ng	94
65) 4,6-Dinitro-2-methylph...	10.492	198	145091	36.113	ng	95
66) n-Nitrosodiphenylamine	10.539	169	881005	41.560	ng	96
67) 4-Bromophenyl-phenylether	10.910	248	306898	44.030	ng	96
68) Hexachlorobenzene	10.980	284	327890	43.415	ng	94
69) Atrazine	11.069	200	295637	45.915	ng	96
70) Pentachlorophenol	11.186	266	279648	68.111	ng	98
71) Phenanthrene	11.398	178	1388971	39.974	ng	99
72) Anthracene	11.451	178	1403118	41.092	ng	100
73) Carbazole	11.610	167	1285055	39.979	ng	99
74) Di-n-butylphthalate	11.922	149	1693405	44.239	ng	100
75) Fluoranthene	12.586	202	1393717	39.587	ng	99
77) Benzidine	12.710	184	587970	42.327	ng	99
78) Pyrene	12.816	202	1385656	42.141	ng	98
80) Butylbenzylphthalate	13.421	149	639911	44.868	ng	99
81) Benzo(a)anthracene	14.010	228	1064600	39.635	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	285615	32.206	ng	97
83) Chrysene	14.045	228	959150	37.889	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	888902	47.341	ng	100
85) Di-n-octyl phthalate	14.592	149	1301018	48.150	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	933324	41.779	ng	99
88) Benzo(b)fluoranthene	15.063	252	924190	41.999	ng	100
89) Benzo(k)fluoranthene	15.092	252	875552	40.602	ng	99
90) Benzo(a)pyrene	15.433	252	781808	43.766	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	817427	44.957	ng	99
92) Benzo(g,h,i)perylene	17.439	276	820665	44.171	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

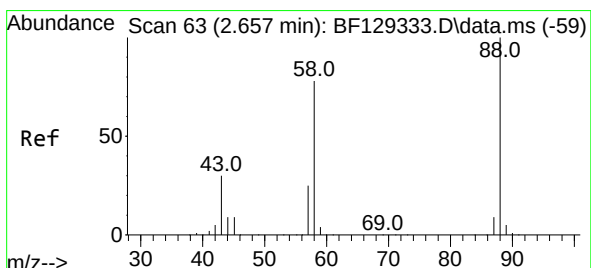
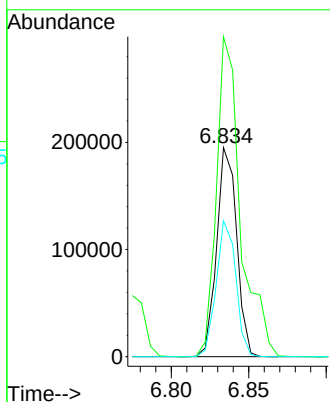
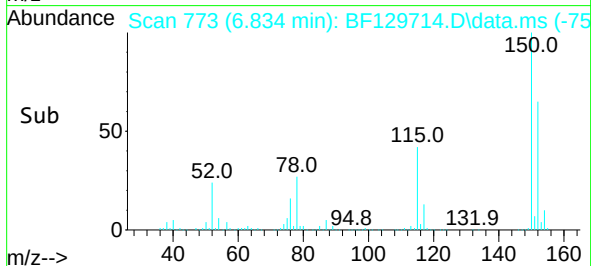
Instrument :
BNA_F
ClientSampleId :
PB146609BS



Tgt Ion:152 Resp: 17515
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 65.0 49.9 74.9

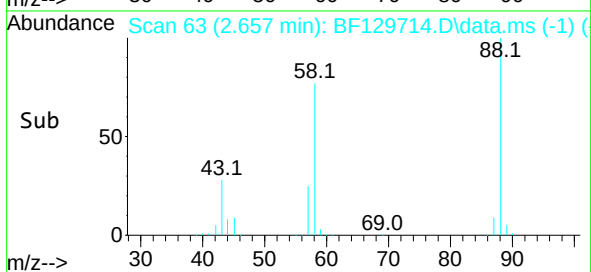
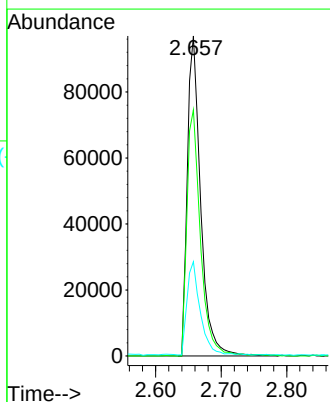
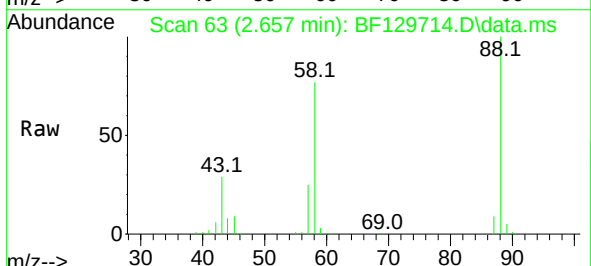
Manual Integrations
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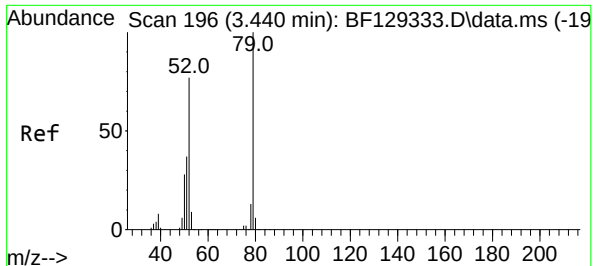
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#2
1,4-Dioxane
Concen: 28.052 ng
RT: 2.657 min Scan# 63
Delta R.T. 0.100 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

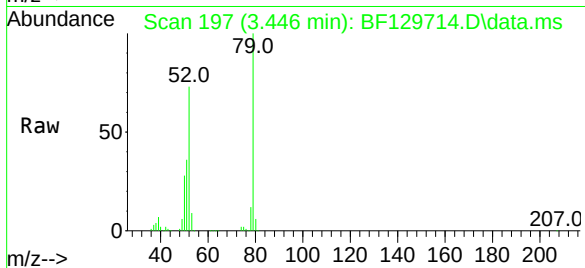
Tgt Ion: 88 Resp: 136087
Ion Ratio Lower Upper
88 100
58 77.9 71.8 107.8
43 29.0 26.6 39.8





#3
Pyridine
Concen: 27.393 ng
RT: 3.446 min Scan# 196
Delta R.T. 0.112 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

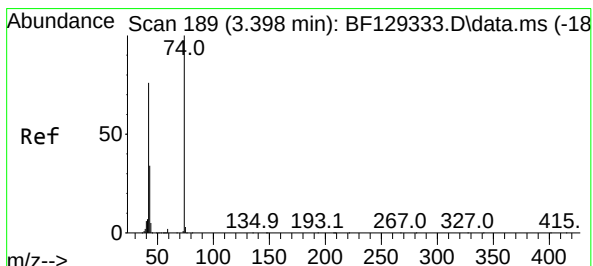
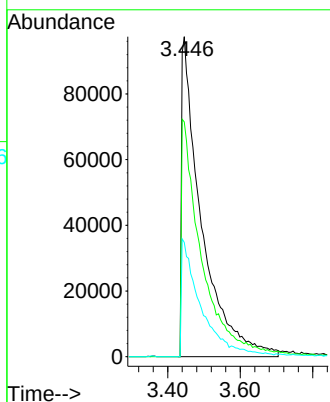
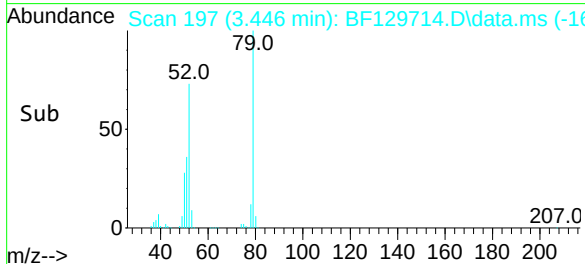
Instrument :
BNA_F
ClientSampleId :
PB146609BS



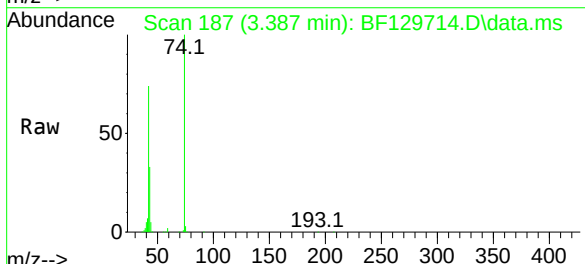
Tgt Ion: 79 Resp: 369039
Ion Ratio Lower Upper
79 100
52 73.3 68.6 102.8
51 35.7 32.9 49.3

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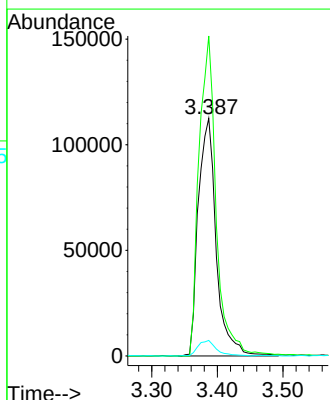
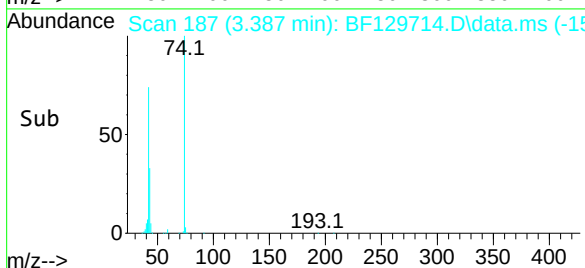
Reviewed By :Christian Giraldo 08/12/2022
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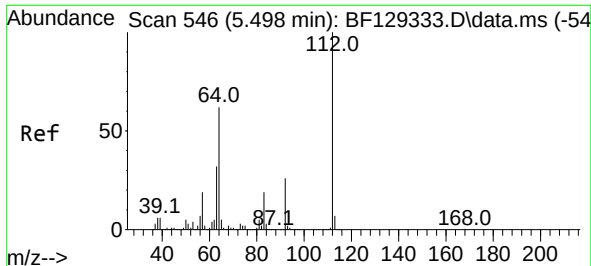


#4
n-Nitrosodimethylamine
Concen: 36.200 ng
RT: 3.387 min Scan# 187
Delta R.T. 0.094 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



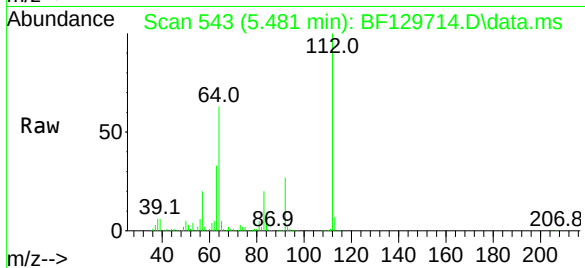
Tgt Ion: 42 Resp: 214150
Ion Ratio Lower Upper
42 100
74 134.7 94.8 142.2
44 6.5 6.6 10.0#





#5
2-Fluorophenol
Concen: 112.203 ng
RT: 5.481 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

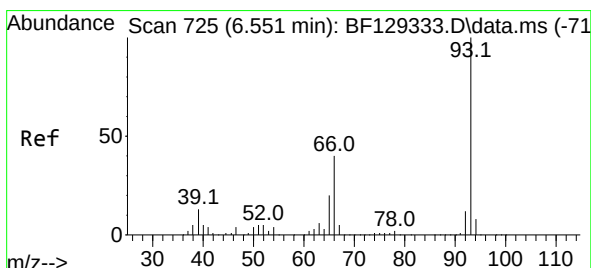
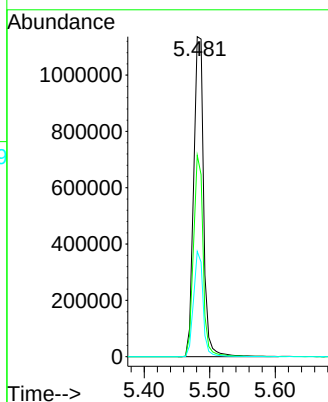
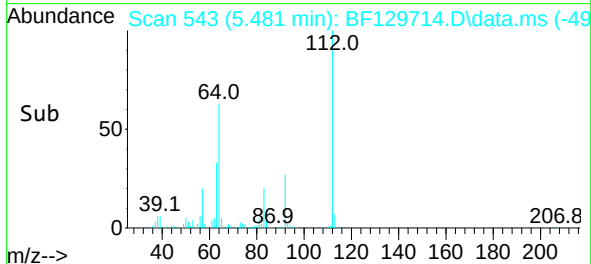
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1206414
Ion Ratio Lower Upper
112 100
64 63.0 53.3 79.9
63 32.9 28.0 42.0

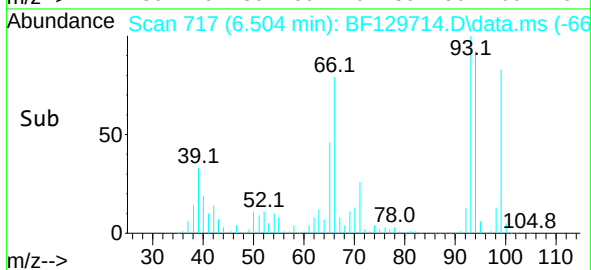
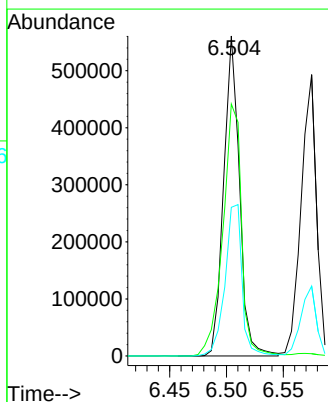
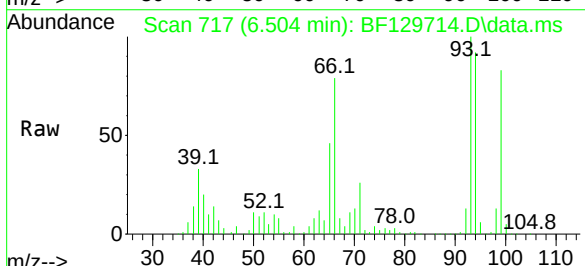
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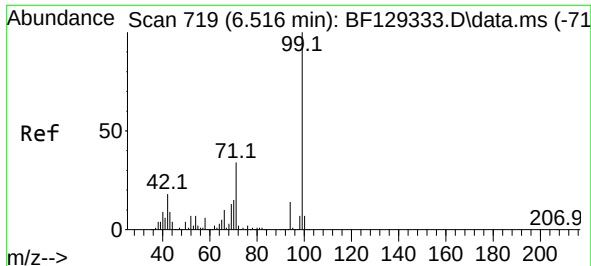
Reviewed By :Christian Giraldo 08/12/2022
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#6
Aniline
Concen: 32.378 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

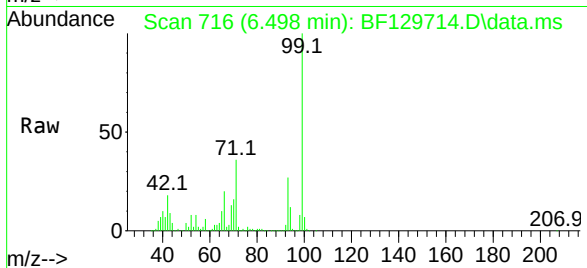
Tgt Ion: 93 Resp: 543991
Ion Ratio Lower Upper
93 100
66 78.7 32.5 48.7#
65 46.5 16.4 24.6#





#7
Phenol-d6
Concen: 110.500 ng
RT: 6.498 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

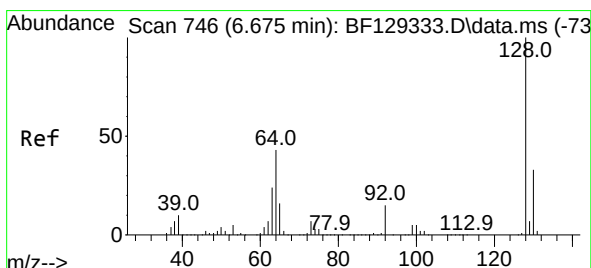
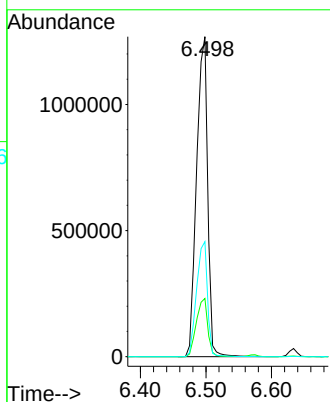
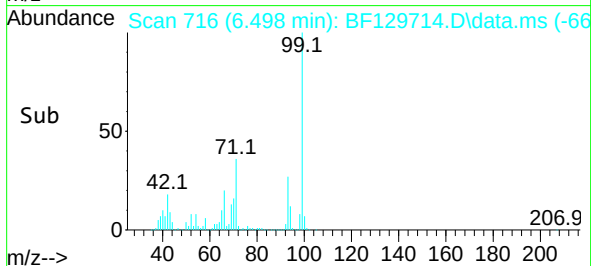
Instrument :
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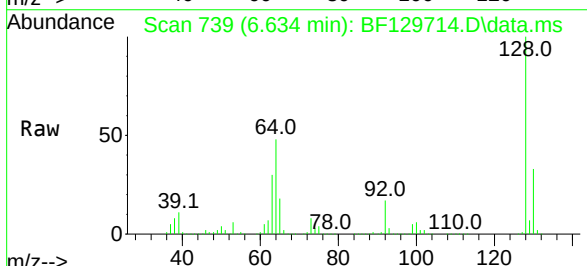
Tgt Ion: 99 Resp: 149337
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 36.0 28.9 43.3

Manual Integrations
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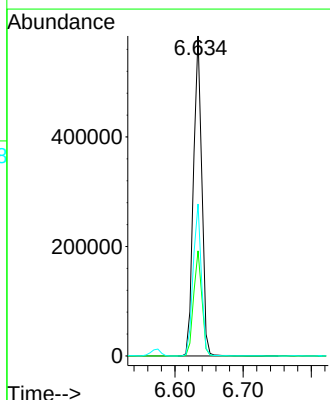
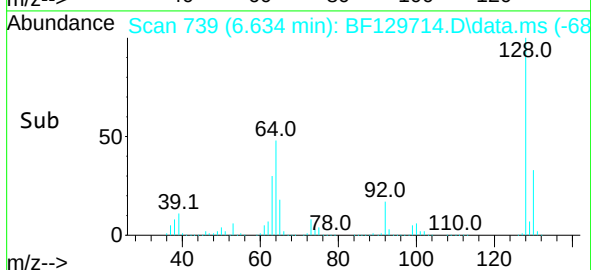
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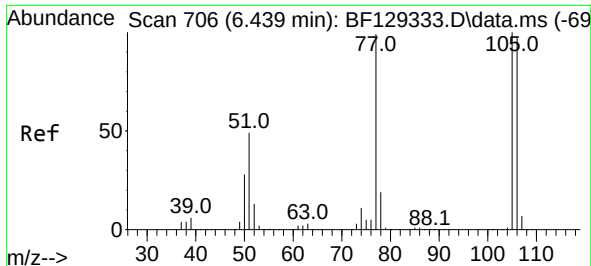


#8
2-Chlorophenol
Concen: 42.315 ng
RT: 6.634 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion:128 Resp: 497070
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 47.5 30.9 70.9





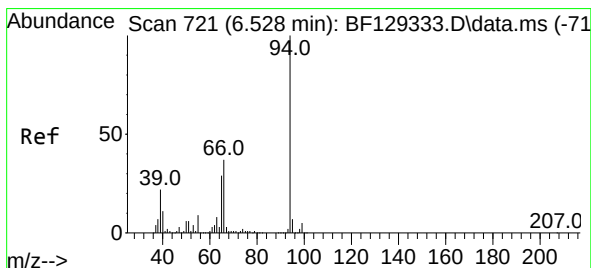
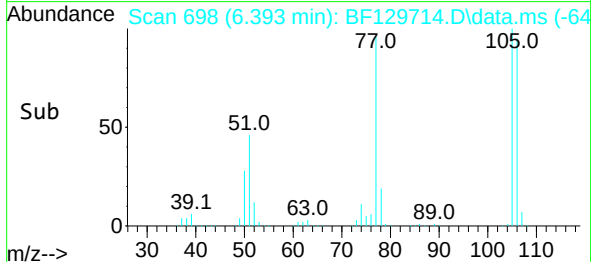
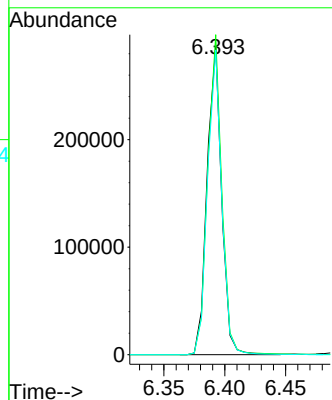
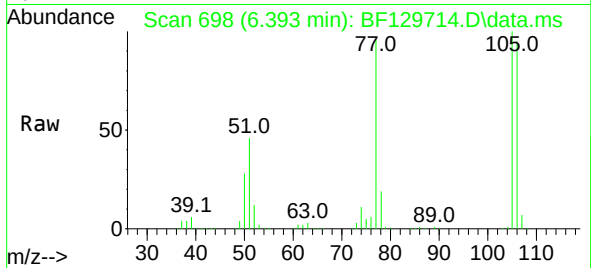
#9
Benzaldehyde
Concen: 25.906 ng
RT: 6.393 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :
BNA_F
ClientSampleId :
PB146609BS

Tgt Ion: 77 Resp: 237762
Ion Ratio Lower Upper
77 100
105 104.0 81.6 121.6
106 99.0 76.1 116.1

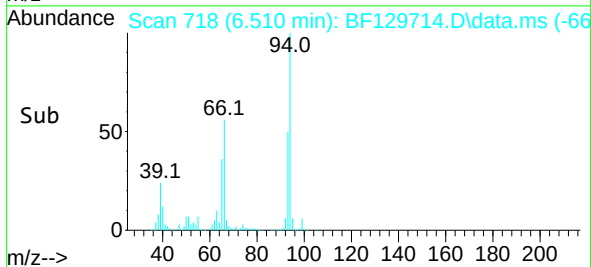
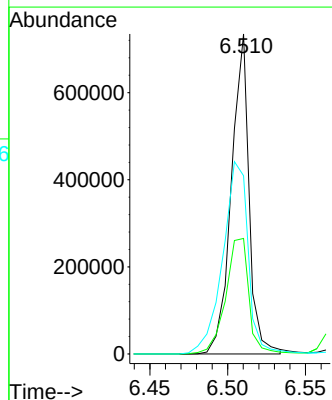
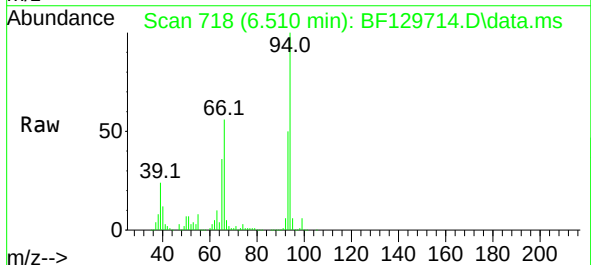
Manual Integrations
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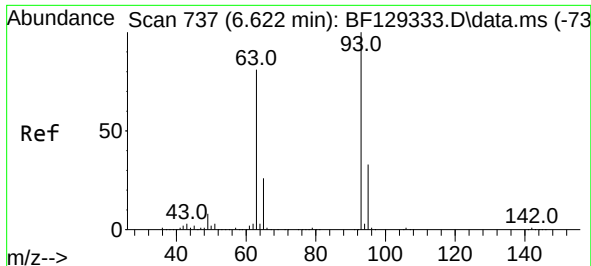
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#10
Phenol
Concen: 40.519 ng m
RT: 6.510 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

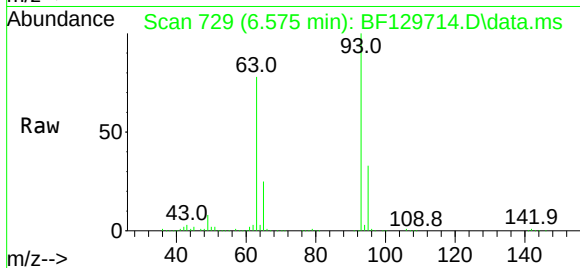
Tgt Ion: 94 Resp: 583152
Ion Ratio Lower Upper
94 100
65 36.1 11.4 51.4
66 55.7 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 40.517 ng
RT: 6.575 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

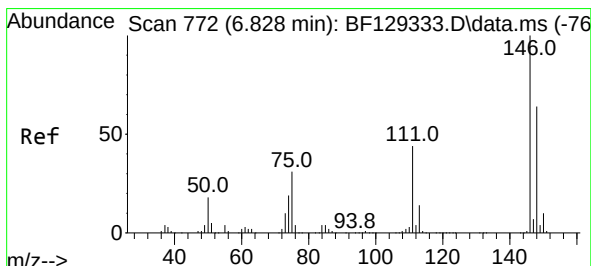
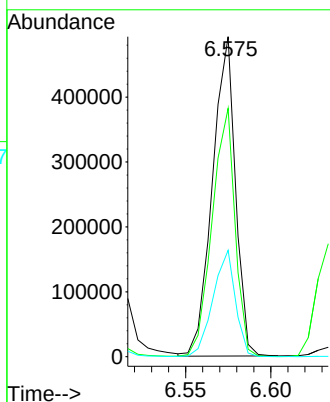
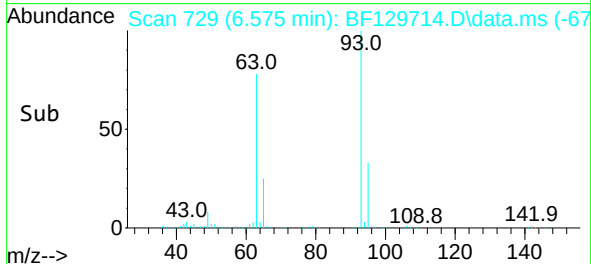
Instrument :
BNA_F
ClientSampleId :
PB146609BS



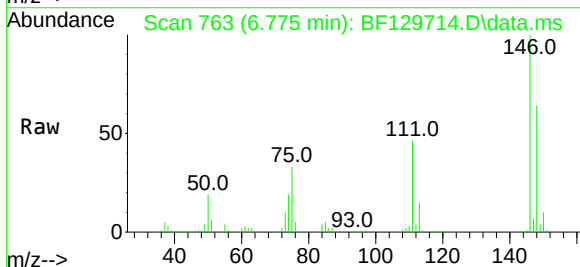
Tgt Ion: 93 Resp: 462449
Ion Ratio Lower Upper
93 100
63 77.6 67.4 107.4
95 33.2 12.7 52.7

Manual Integrations
APPROVED

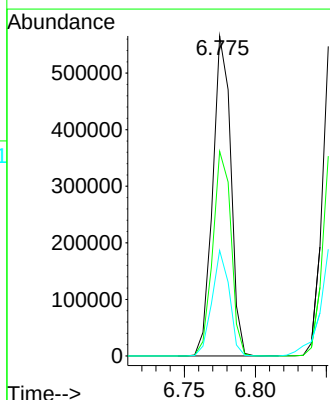
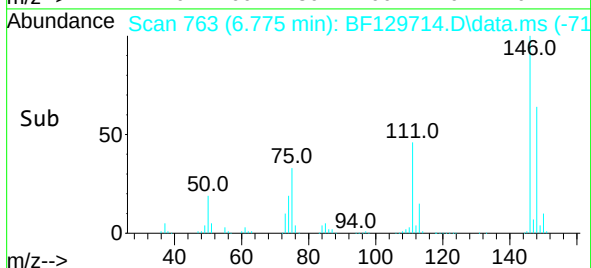
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

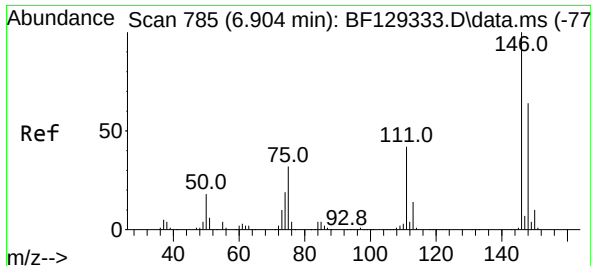


#12
1,3-Dichlorobenzene
Concen: 39.715 ng
RT: 6.775 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion:146 Resp: 500343
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 33.0 26.3 39.5





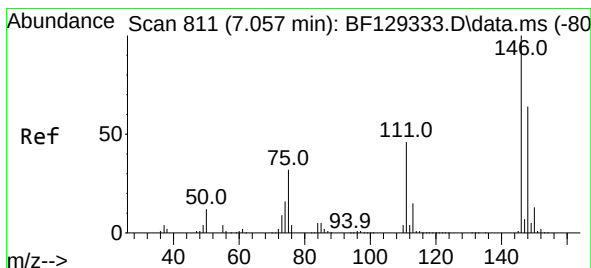
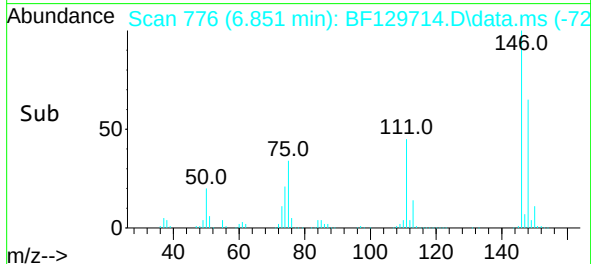
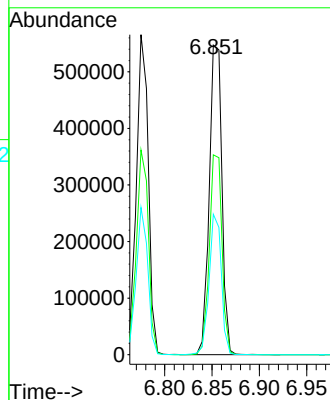
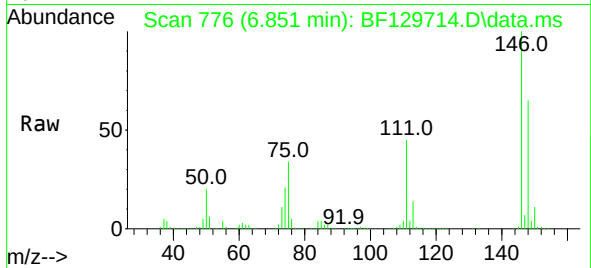
#13
1,4-Dichlorobenzene
Concen: 39.547 ng
RT: 6.851 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :
BNA_F
ClientSampleId :
PB146609BS

Tgt Ion:146 Resp: 506700
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 45.4 34.2 51.4

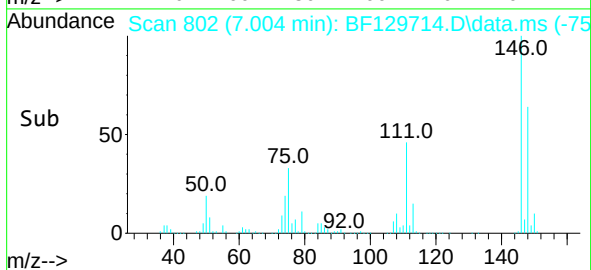
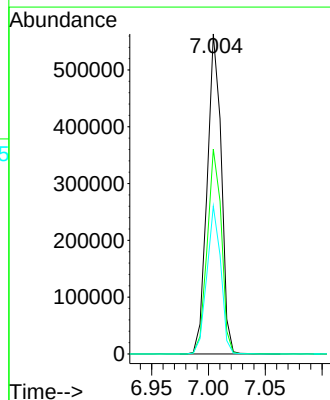
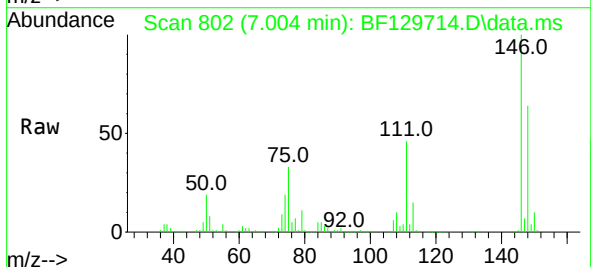
Manual Integrations
APPROVED

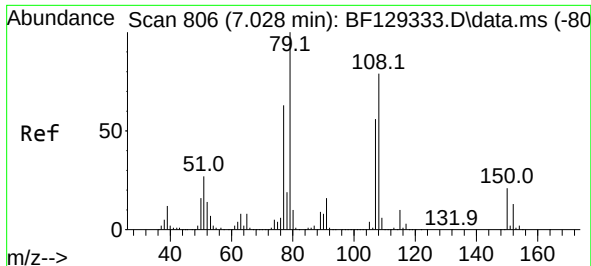
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#14
1,2-Dichlorobenzene
Concen: 41.289 ng
RT: 7.004 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

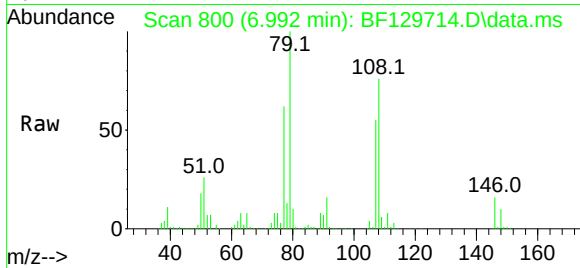
Tgt Ion:146 Resp: 486266
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 46.2 35.1 52.7





#15
Benzyl Alcohol
Concen: 41.279 ng
RT: 6.992 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

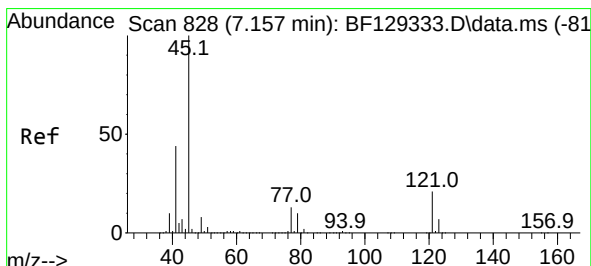
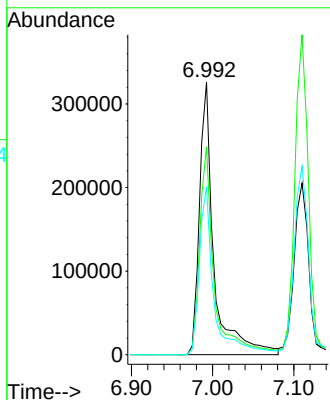
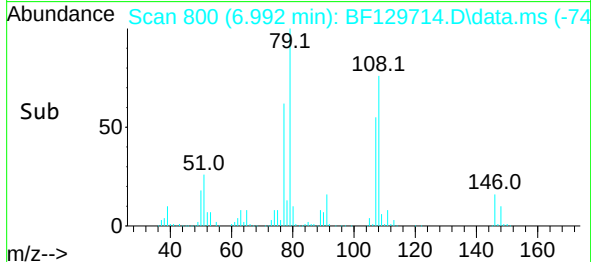
Instrument :
BNA_F
ClientSampleId :
PB146609BS



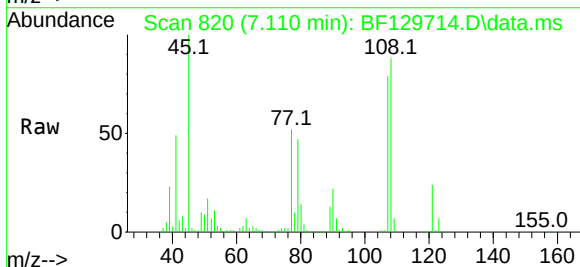
Tgt Ion: 79 Resp: 404598
Ion Ratio Lower Upper
79 100
108 76.2 61.8 92.6
77 61.6 50.2 75.4

Manual Integrations
APPROVED

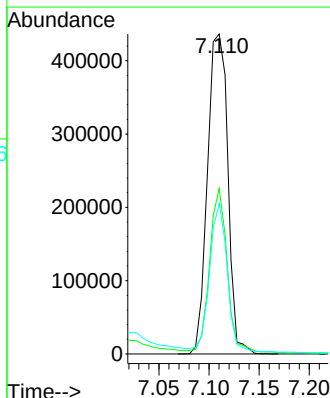
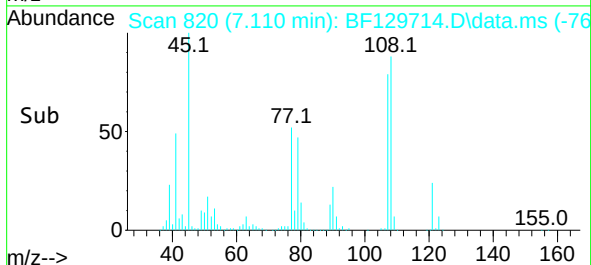
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

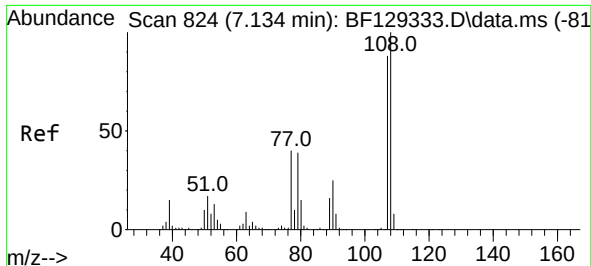


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.946 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion: 45 Resp: 616706
Ion Ratio Lower Upper
45 100
77 51.7 0.0 31.3#
79 47.0 0.0 28.3#





#17

2-Methylphenol

Concen: 41.216 ng

RT: 7.110 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129714.D

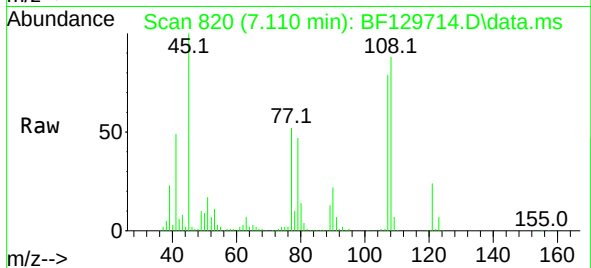
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

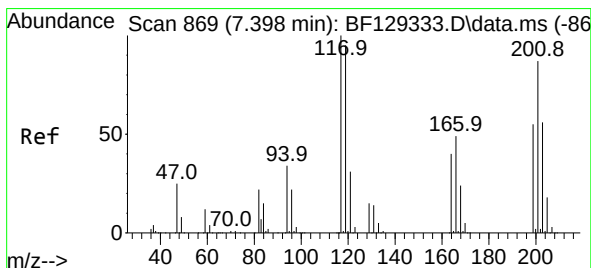
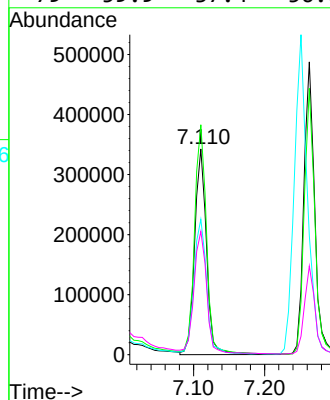


Tgt Ion:	107	Resp:	401649
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.9	137.9
77	65.8	37.8	56.8
79	59.9	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#18

Hexachloroethane

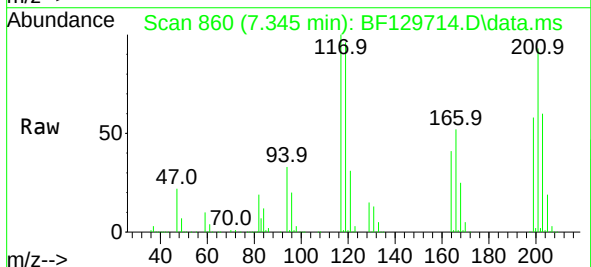
Concen: 40.623 ng

RT: 7.345 min Scan# 860

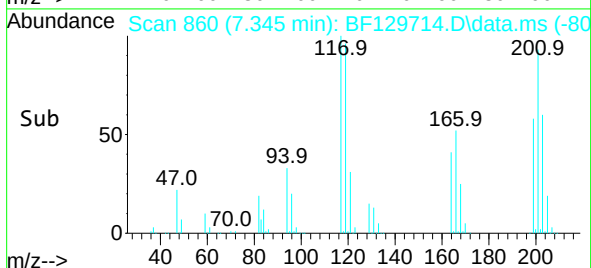
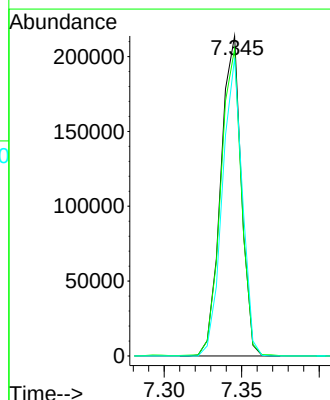
Delta R.T. -0.000 min

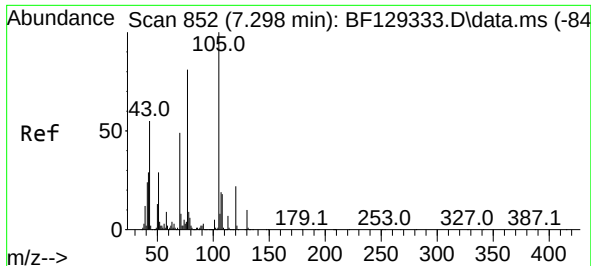
Lab File: BF129714.D

Acq: 11 Aug 2022 13:52



Tgt Ion:	117	Resp:	195989
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.2
201	93.2	84.6	127.0





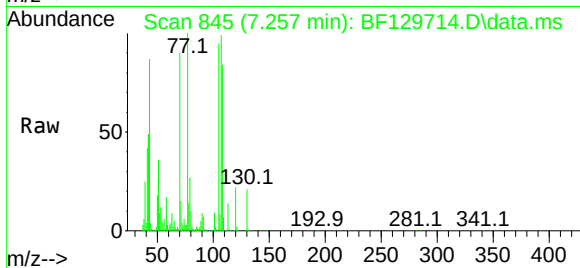
#19
n-Nitroso-di-n-propylamine
Concen: 41.982 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

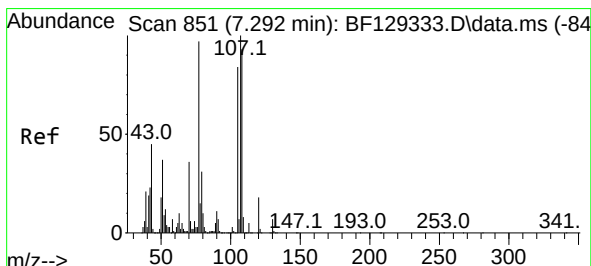
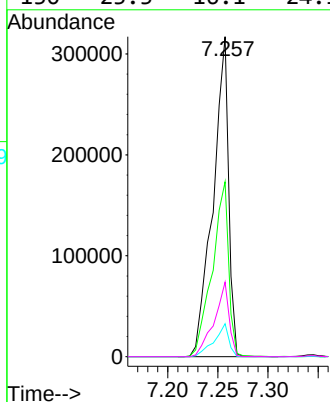
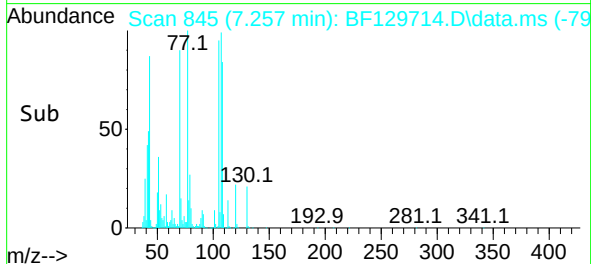
PB146609BS



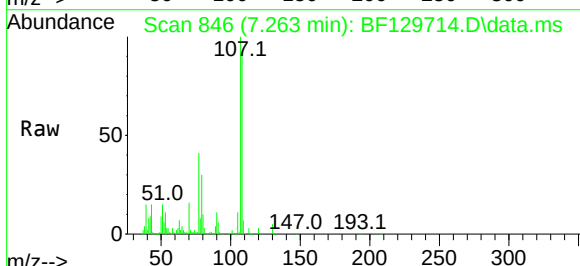
Tgt Ion: 70 Resp: 34348
Ion Ratio Lower Upper
70 100
42 54.7 52.3 78.5
101 10.3 7.5 11.3
130 23.3 16.1 24.1

Manual Integrations
APPROVED

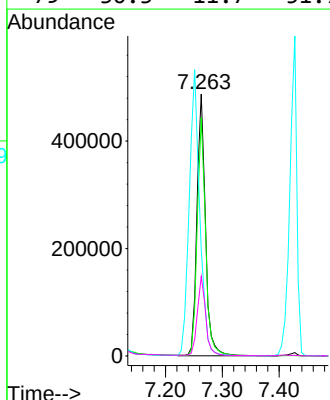
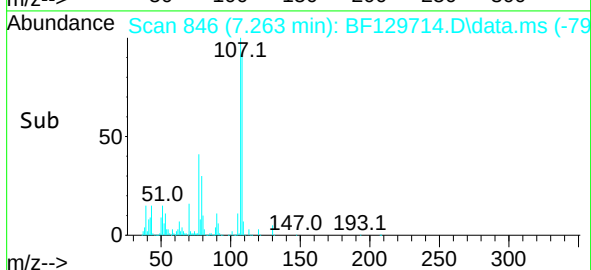
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

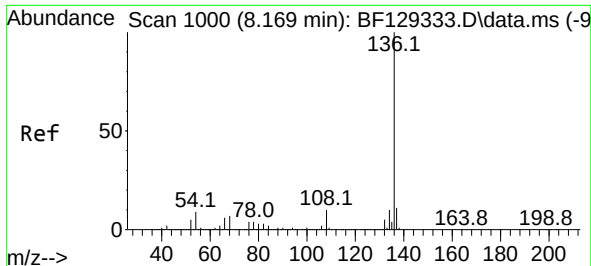


#20
3+4-Methylphenols
Concen: 41.379 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion:107 Resp: 512705
Ion Ratio Lower Upper
107 100
108 91.0 71.8 111.8
77 40.6 59.3 99.3#
79 30.3 11.7 51.7





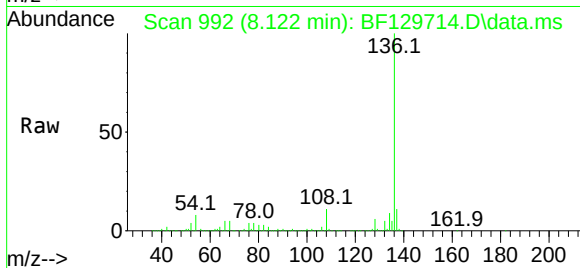
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

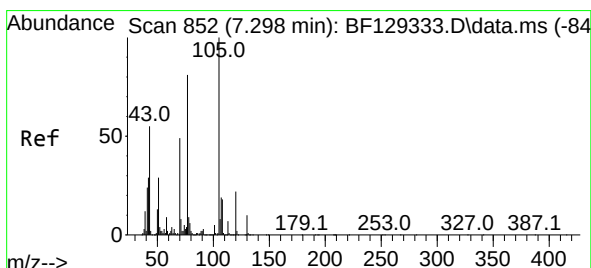
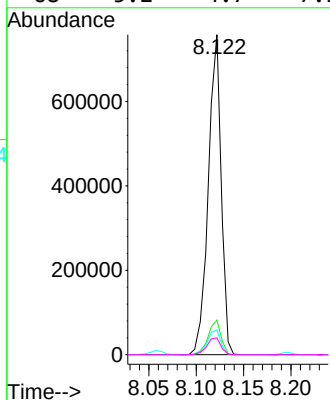
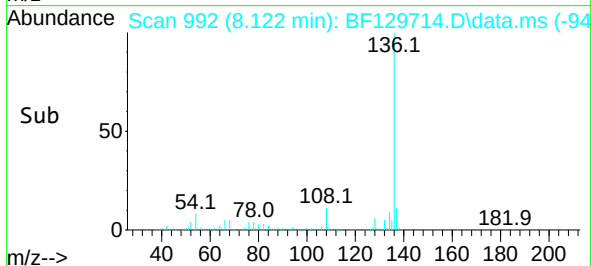


Tgt Ion:136 Resp: 715219
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 7.5 11.3
68 5.2 4.7 7.1

Manual Integrations

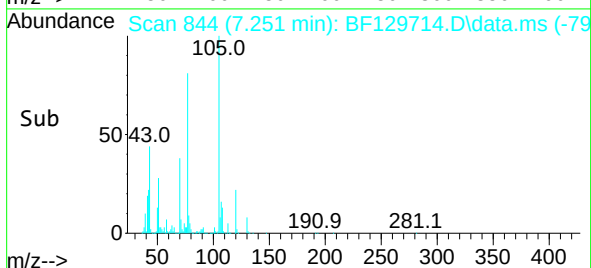
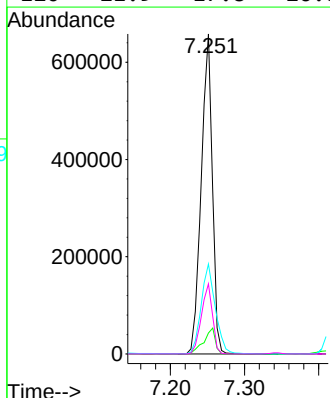
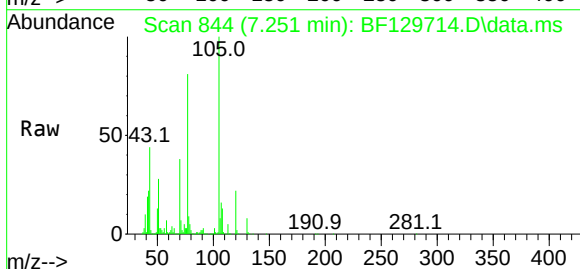
APPROVED

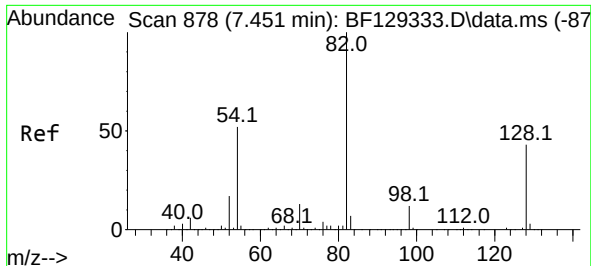
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#22
Acetophenone
Concen: 41.178 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

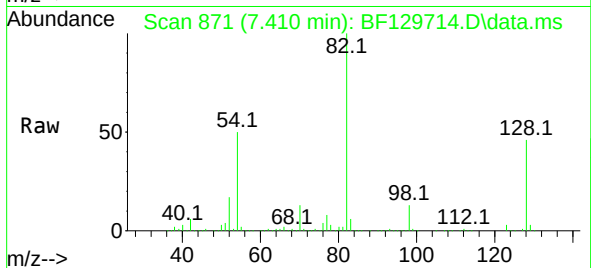
Tgt Ion:105 Resp: 685686
Ion Ratio Lower Upper
105 100
71 6.6 5.0 7.4
51 28.1 25.0 37.4
120 21.9 17.8 26.8





#23
Nitrobenzene-d5
Concen: 74.108 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

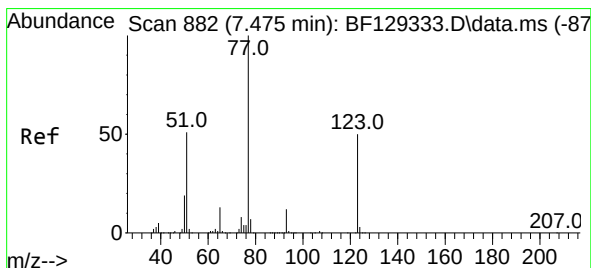
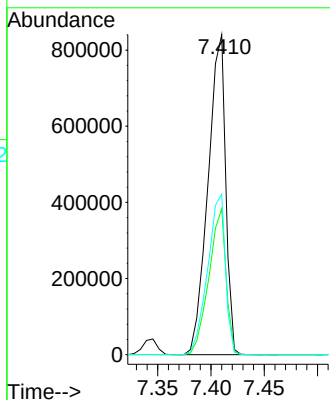
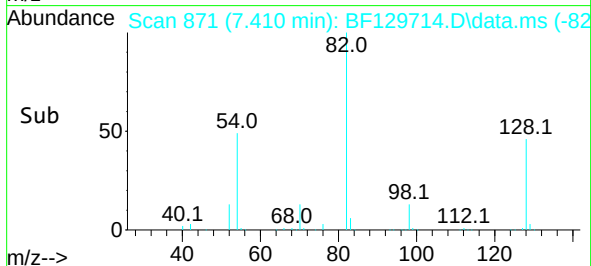
Instrument :
BNA_F
ClientSampleId :
PB146609BS



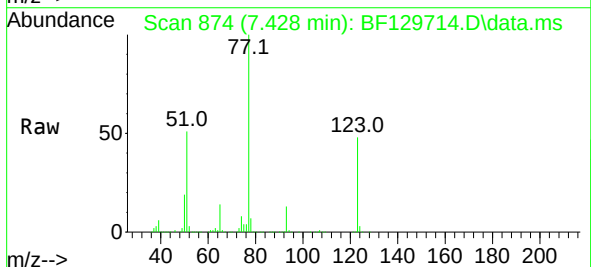
Tgt Ion: 82 Resp: 970965
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 50.2 46.9 70.3

Manual Integrations
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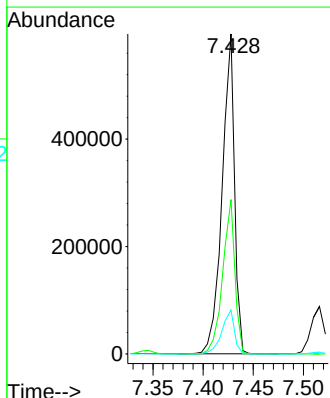
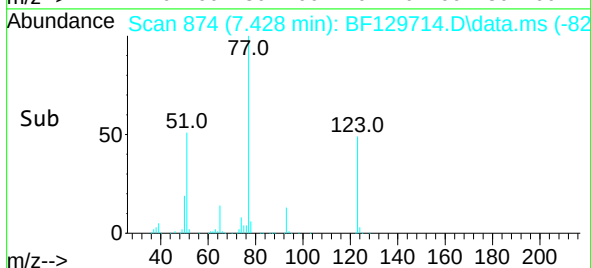
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

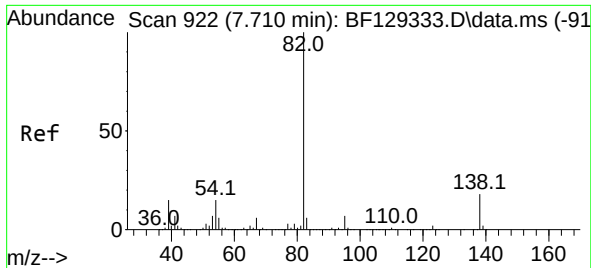


#24
Nitrobenzene
Concen: 37.879 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



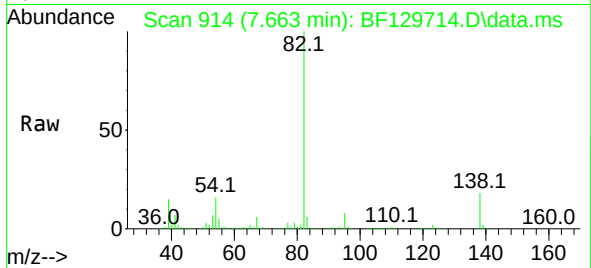
Tgt Ion: 77 Resp: 511065
Ion Ratio Lower Upper
77 100
123 48.3 35.4 53.2
65 13.8 11.8 17.8





#25
Isophorone
Concen: 40.560 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

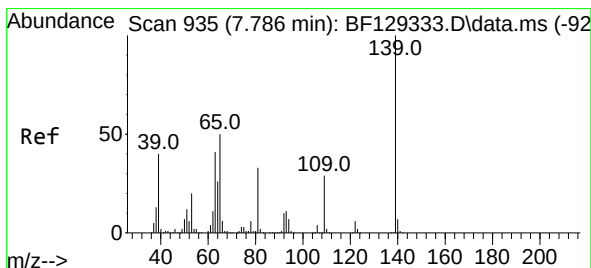
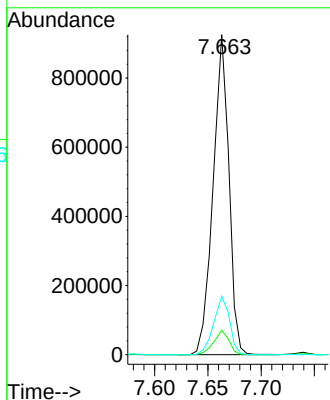
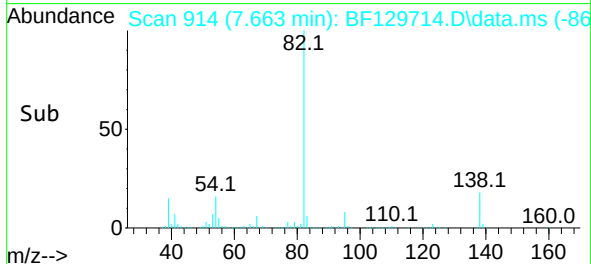
Instrument :
BNA_F
ClientSampleId :
PB146609BS



Tgt Ion: 82 Resp: 95256
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 18.3 14.2 21.2

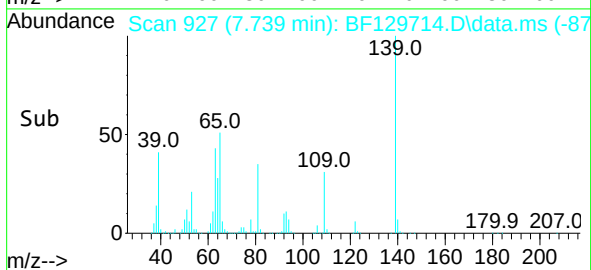
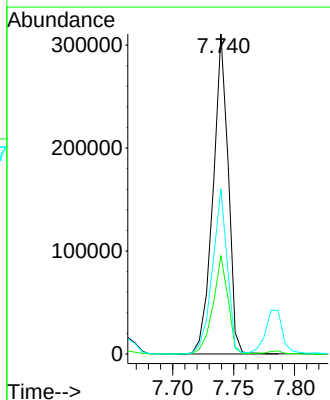
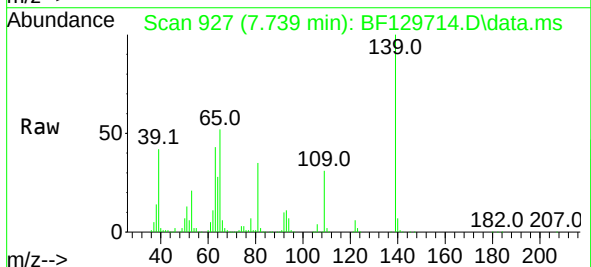
Manual Integrations
APPROVED

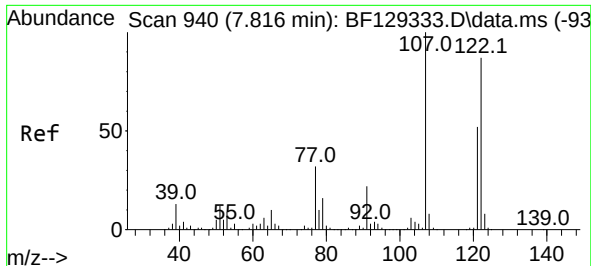
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#26
2-Nitrophenol
Concen: 40.393 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Tgt Ion:139 Resp: 268852
Ion Ratio Lower Upper
139 100
109 30.6 25.0 37.4
65 51.6 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 45.346 ng m

RT: 7.787 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

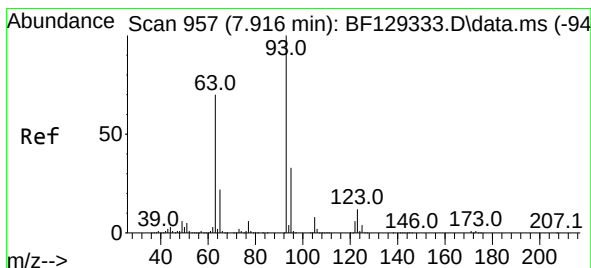
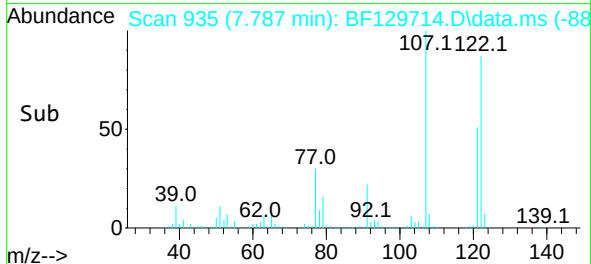
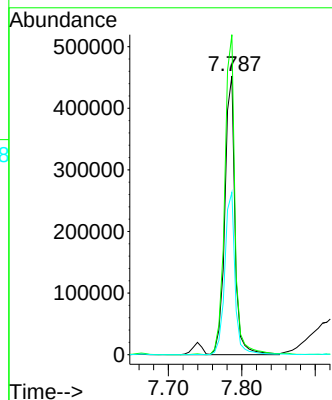
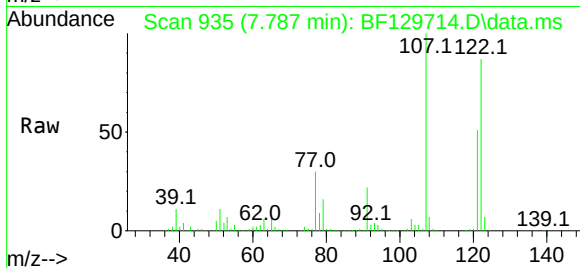
PB146609BS

Tgt Ion:122 Resp: 452730
 Ion Ratio Lower Upper
 122 100
 107 114.8 93.0 139.6
 121 58.2 46.6 70.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.135 ng

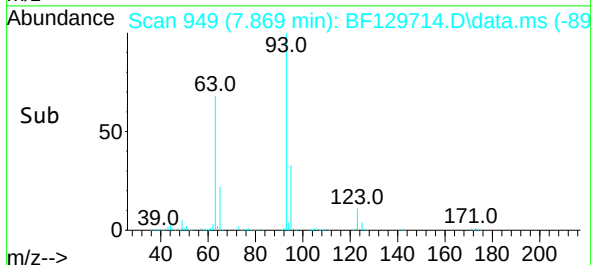
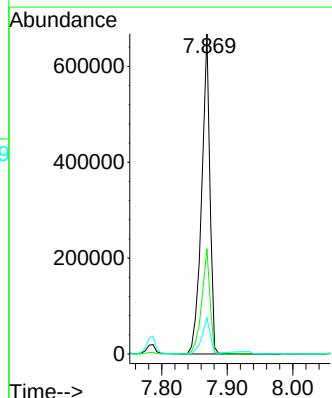
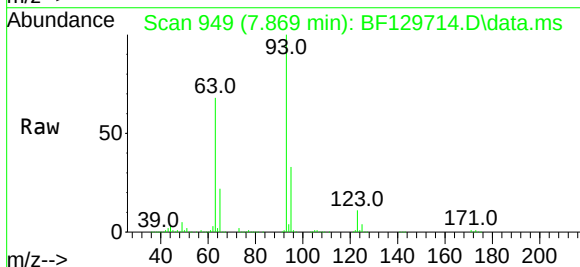
RT: 7.869 min Scan# 949

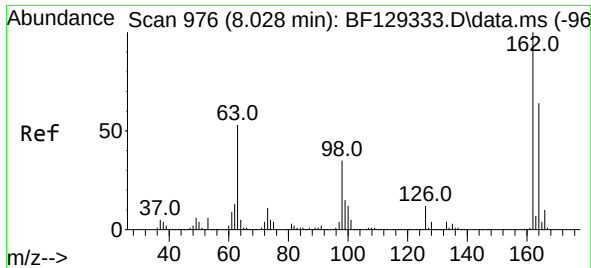
Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Tgt Ion: 93 Resp: 587665
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.8 40.2
 123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.004 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

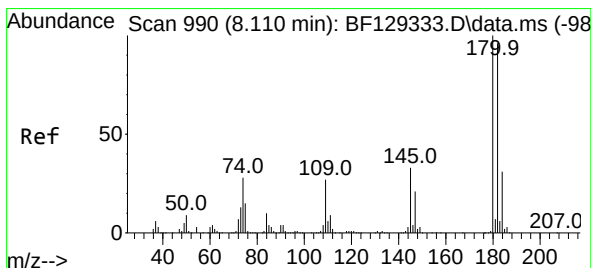
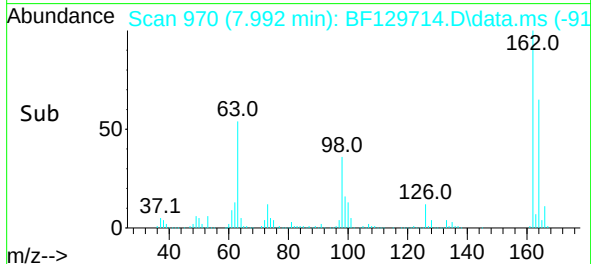
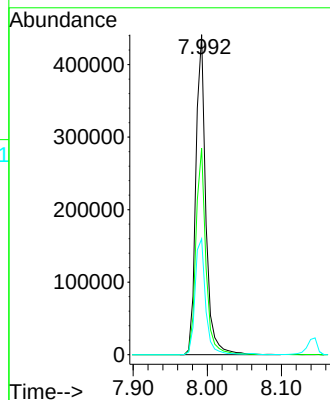
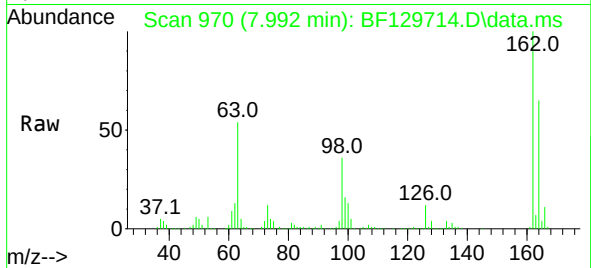
Tgt Ion:162 Resp: 412238
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.2 84.2
 98 36.2 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.623 ng

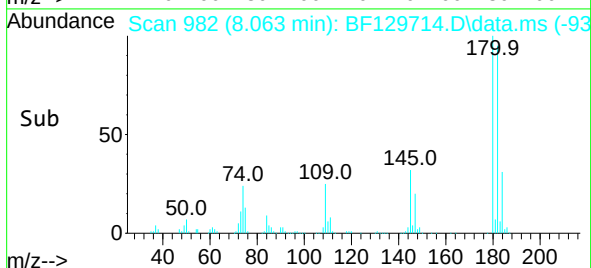
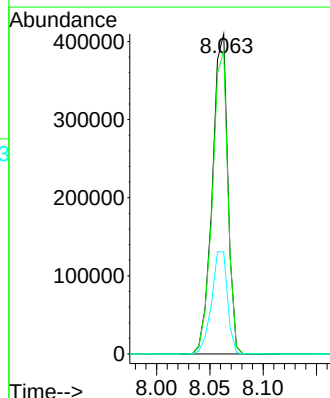
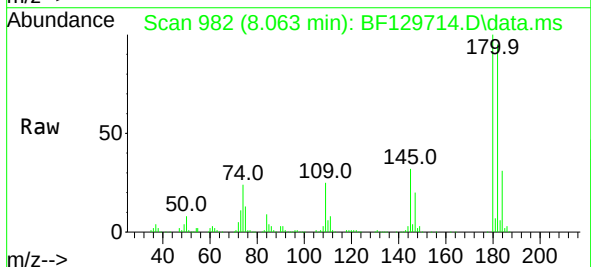
RT: 8.063 min Scan# 982

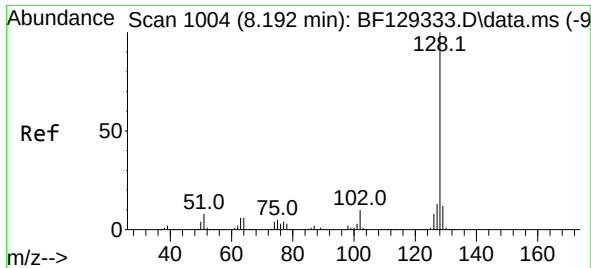
Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

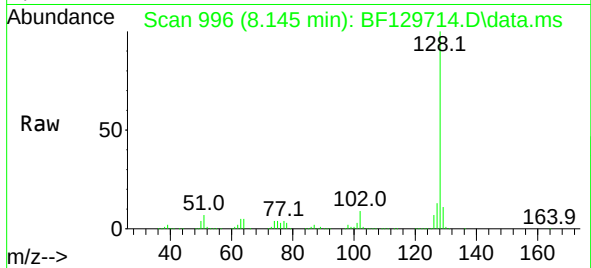
Tgt Ion:180 Resp: 411971
 Ion Ratio Lower Upper
 180 100
 182 94.7 79.2 118.8
 145 31.9 26.2 39.2





#31
Naphthalene
Concen: 38.504 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

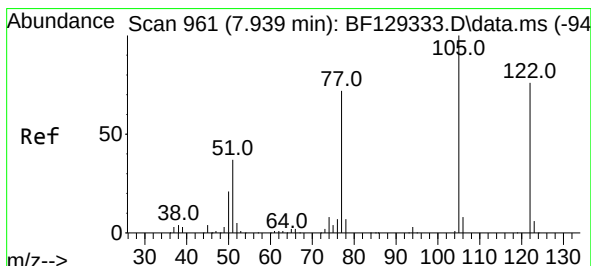
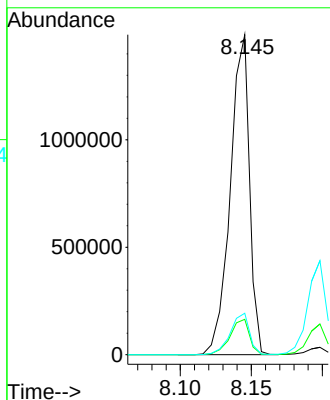
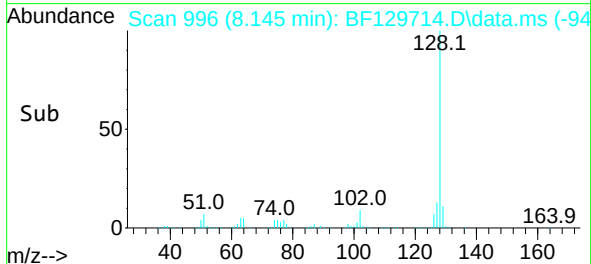
Instrument :
BNA_F
ClientSampleId :
PB146609BS



Tgt Ion:128 Resp: 139913
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.5 15.7

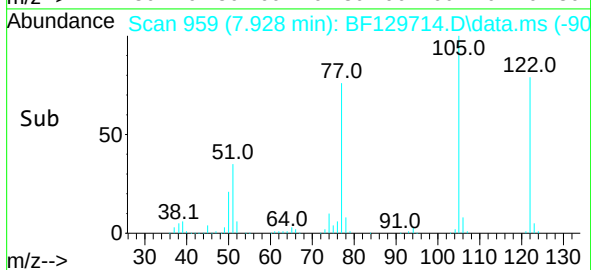
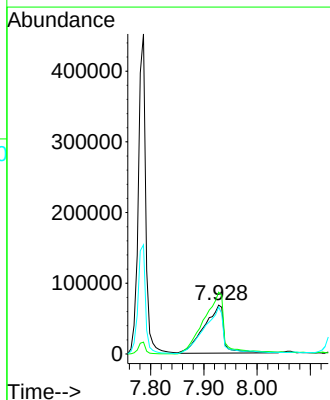
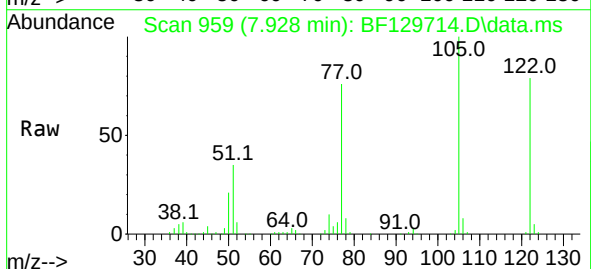
Manual Integrations
APPROVED

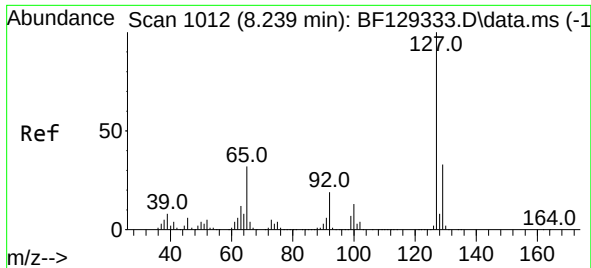
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#32
Benzoic acid
Concen: 25.089 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.012 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Tgt Ion:122 Resp: 181088
Ion Ratio Lower Upper
122 100
105 126.3 107.1 147.1
77 96.0 74.2 114.2





#33
4-Chloroaniline
Concen: 30.671 ng
RT: 8.198 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

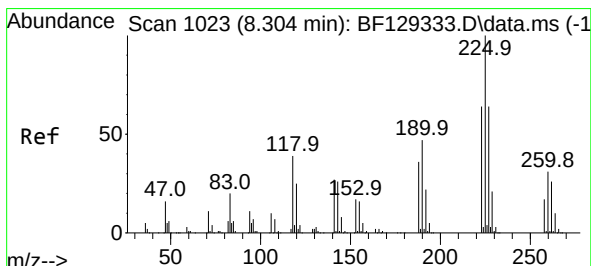
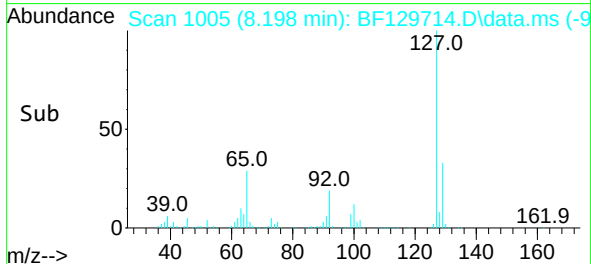
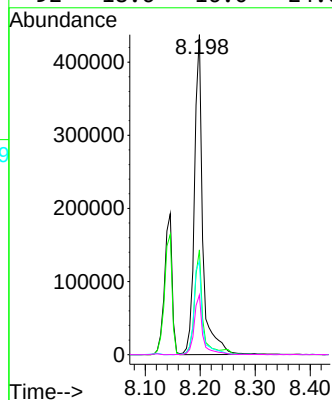
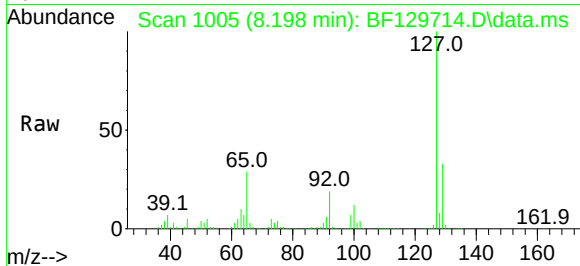
ClientSampleId :

PB146609BS

Tgt Ion:127 Resp: 45756
Ion Ratio Lower Upper
127 100
129 32.7 26.4 39.6
65 29.2 26.4 39.6
92 18.6 16.0 24.0

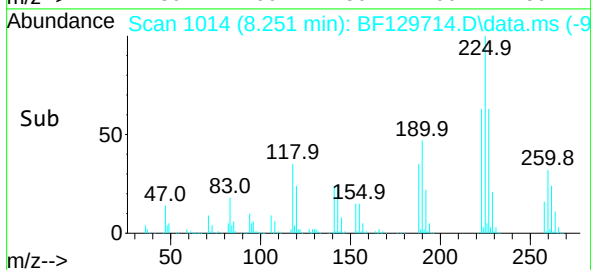
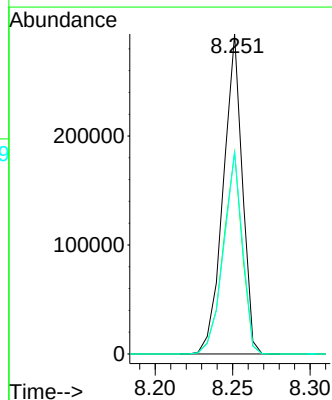
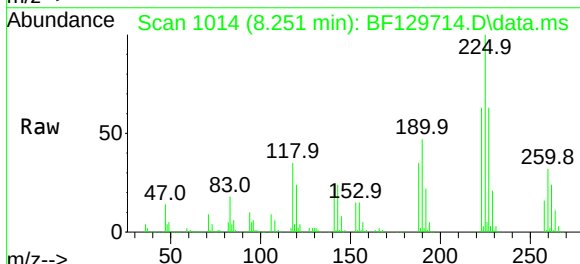
Manual Integrations
APPROVED

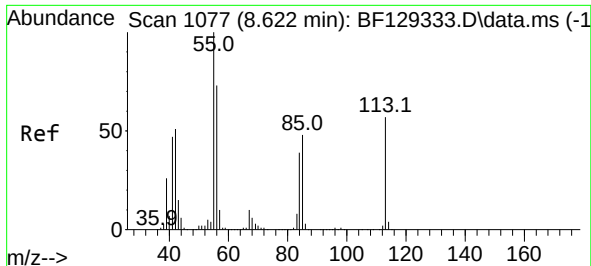
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#34
Hexachlorobutadiene
Concen: 41.358 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

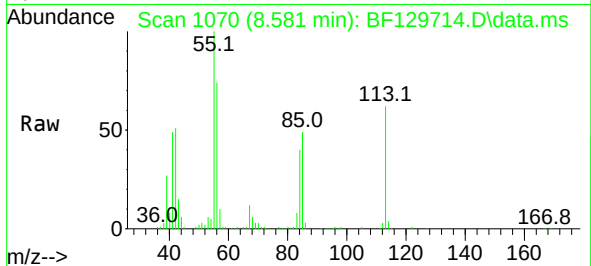
Tgt Ion:225 Resp: 250758
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 63.3 51.1 76.7





#35
 Caprolactam
 Concen: 40.135 ng m
 RT: 8.581 min Scan# 1070
 Delta R.T. -0.000 min
 Lab File: BF129714.D
 Acq: 11 Aug 2022 13:52

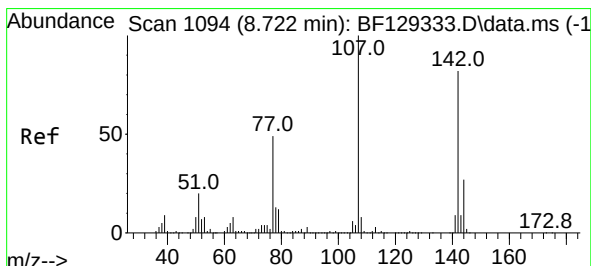
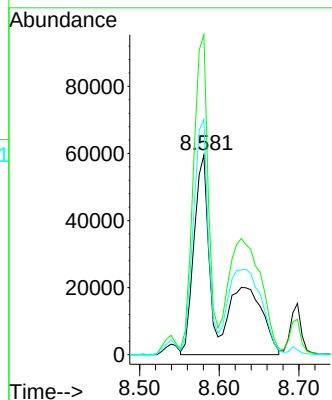
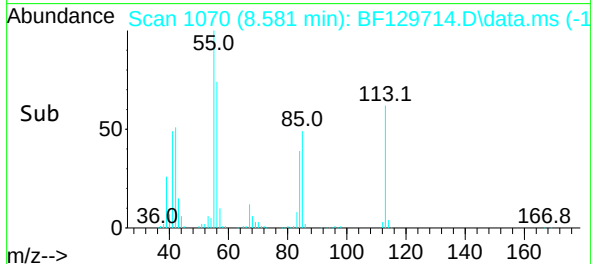
Instrument :
 BNA_F
 ClientSampleId :
 PB146609BS



Tgt Ion:113 Resp: 13446
 Ion Ratio Lower Upper
 113 100
 55 160.3 188.5 228.5
 56 117.9 130.6 170.6

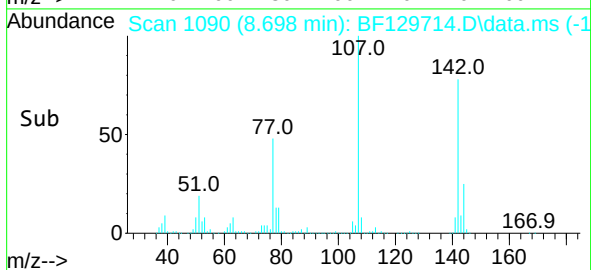
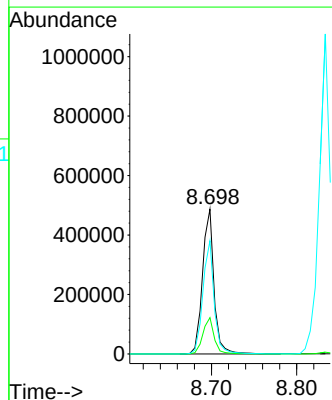
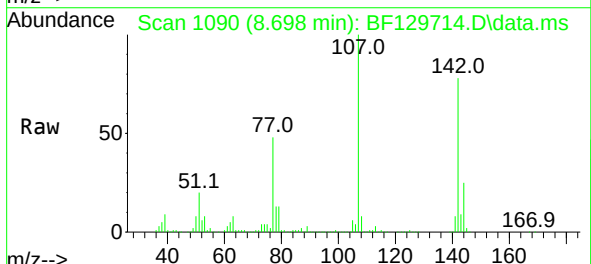
Manual Integrations
 APPROVED

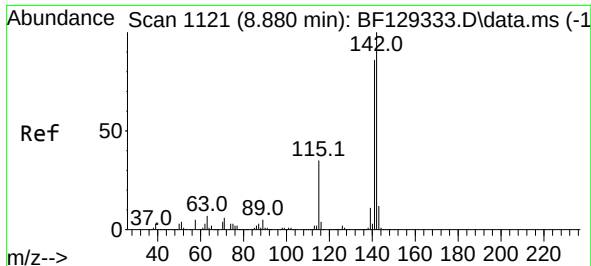
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.870 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF129714.D
 Acq: 11 Aug 2022 13:52

Tgt Ion:107 Resp: 457623
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.5 29.3
 142 78.3 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.833 ng

RT: 8.834 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

Tgt Ion:142 Resp: 94063

Ion Ratio Lower Upper

142 100

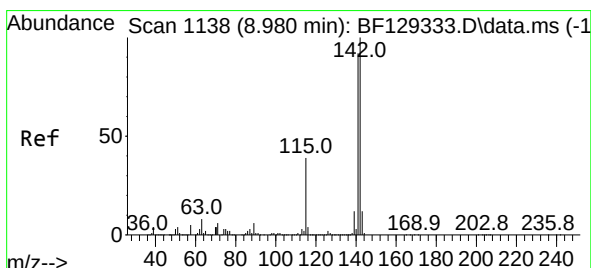
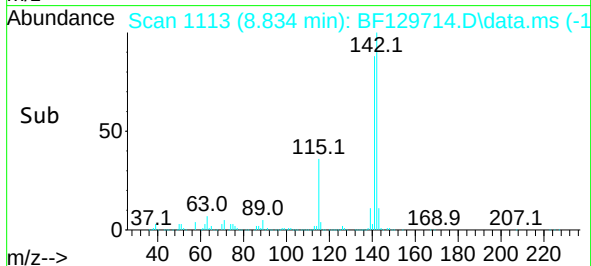
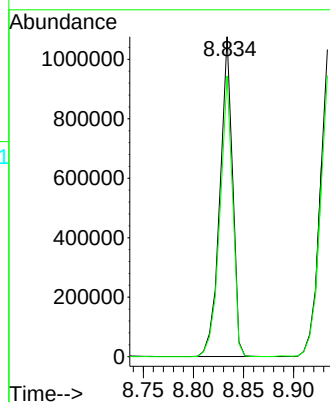
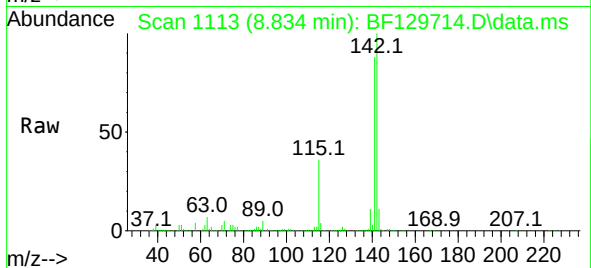
141 87.7 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#38

1-Methylnaphthalene

Concen: 38.942 ng

RT: 8.934 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BF129714.D

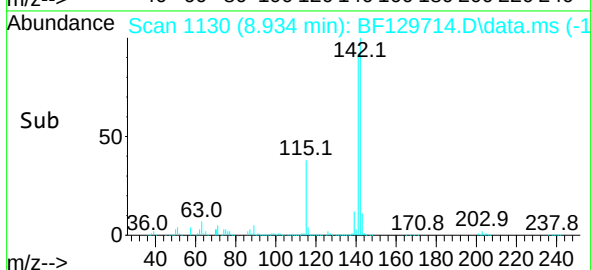
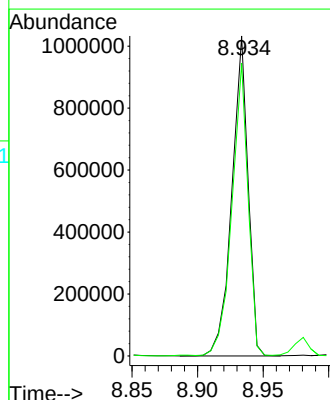
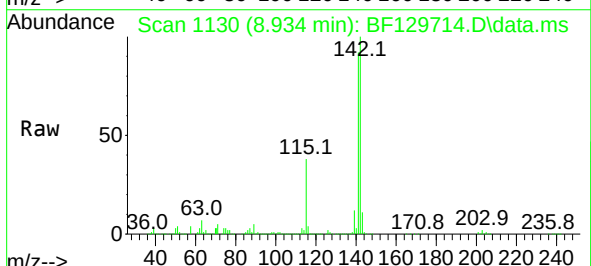
Acq: 11 Aug 2022 13:52

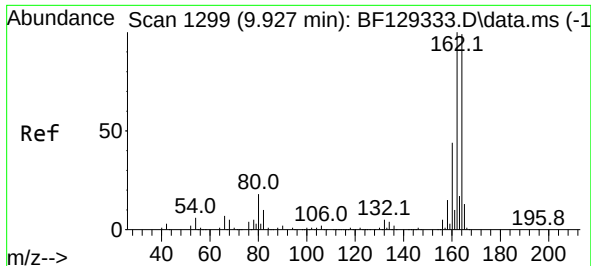
Tgt Ion:142 Resp: 887709

Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4





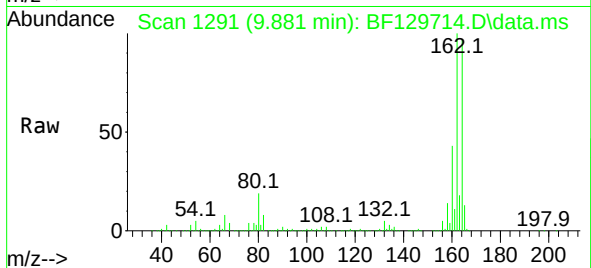
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

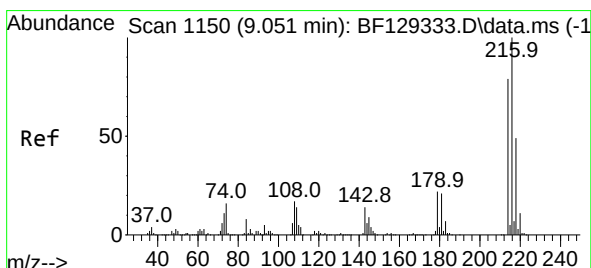
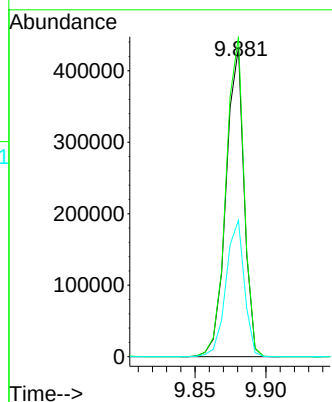
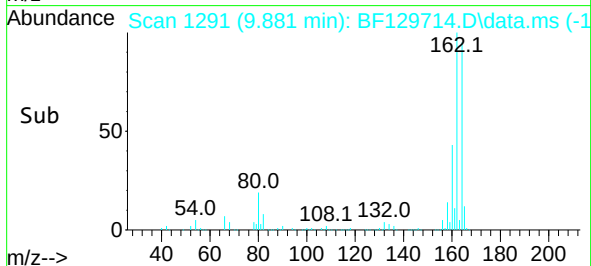


Tgt Ion:164 Resp: 383227
Ion Ratio Lower Upper
164 100
162 103.5 79.5 119.3
160 44.2 34.2 51.4

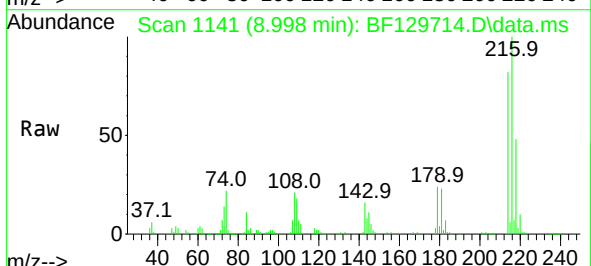
Manual Integrations

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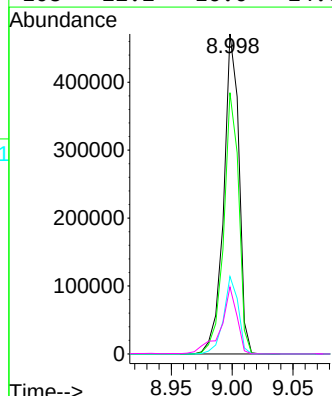
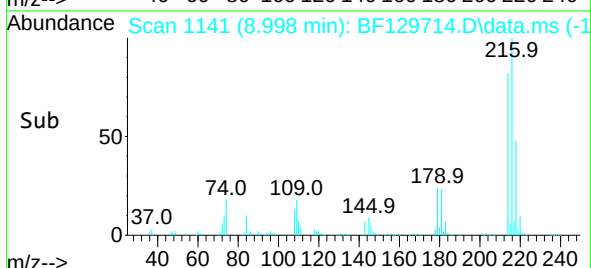
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

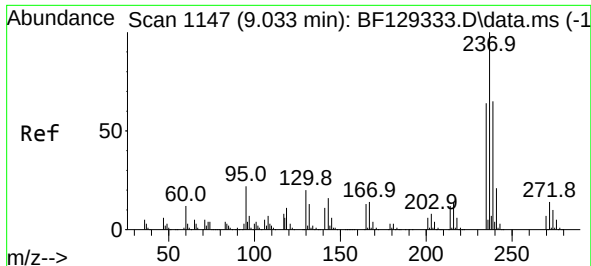


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.953 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



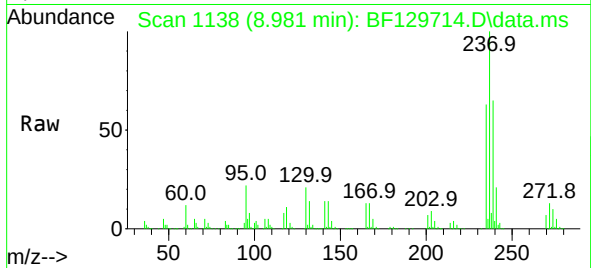
Tgt Ion:216 Resp: 412096
Ion Ratio Lower Upper
216 100
214 79.8 63.6 95.4
179 23.2 17.0 25.6
108 22.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 76.663 ng
RT: 8.981 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

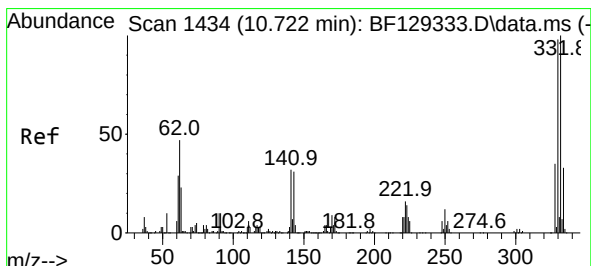
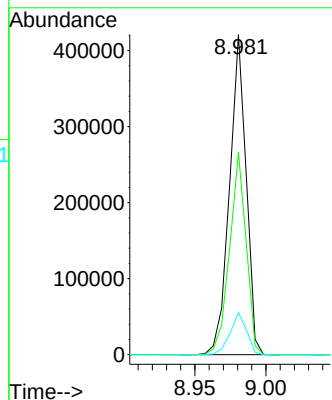
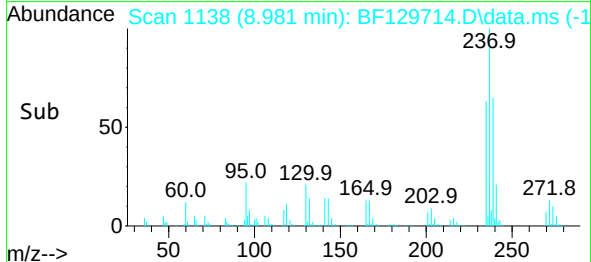
Instrument :
BNA_F
ClientSampleId :
PB146609BS



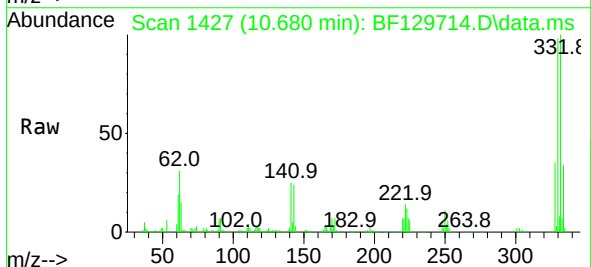
Tgt Ion: 237 Resp: 343514
Ion Ratio Lower Upper
237 100
235 63.3 43.2 83.2
272 13.1 0.0 31.9

Manual Integrations
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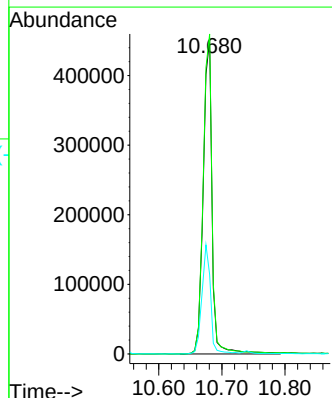
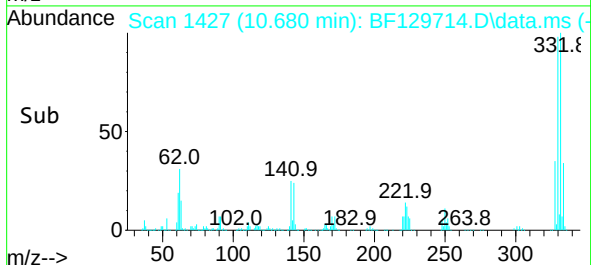
Reviewed By : Christian Giraldo 08/12/2022
Supervised By : Jagrut Upadhyay 08/12/2022

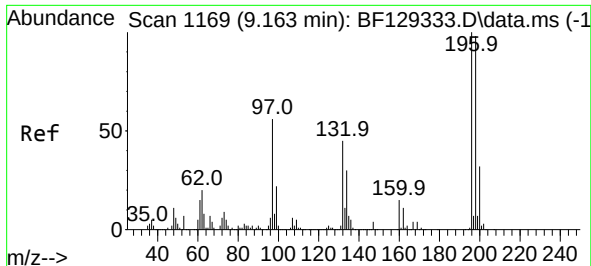


#42
2,4,6-Tribromophenol
Concen: 119.609 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion: 330 Resp: 440692
Ion Ratio Lower Upper
330 100
332 101.1 76.8 115.2
141 33.9 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 36.438 ng

RT: 9.122 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

Tgt Ion:196 Resp: 26631

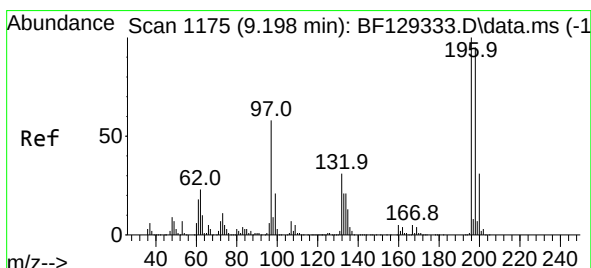
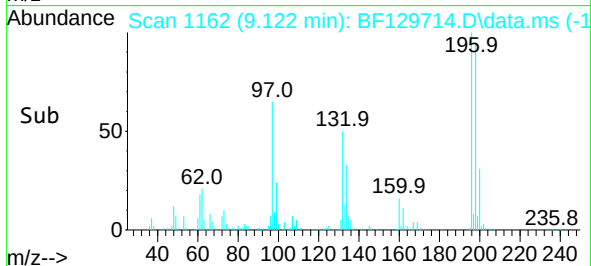
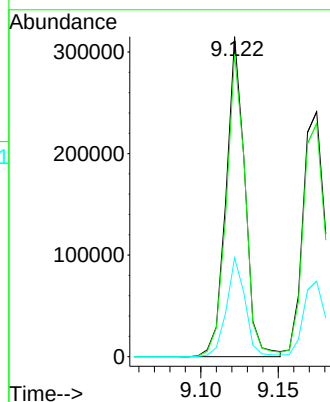
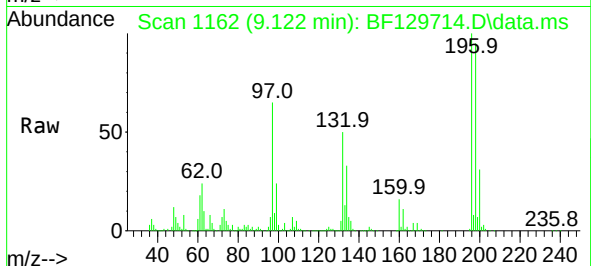
Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.0	111.0
200	30.9	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#44

2,4,5-Trichlorophenol

Concen: 36.122 ng

RT: 9.175 min Scan# 1171

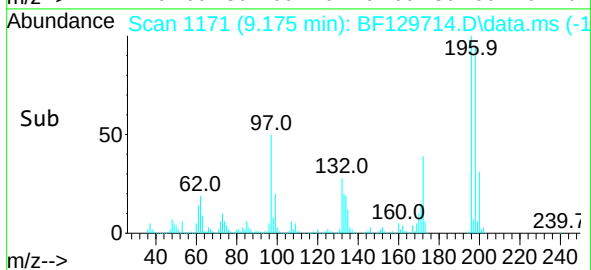
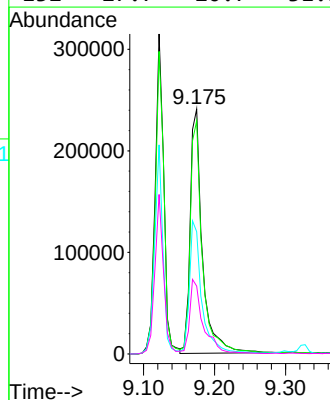
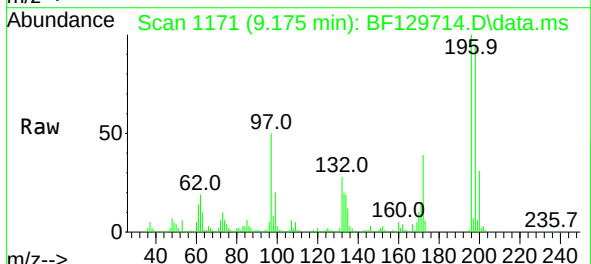
Delta R.T. 0.006 min

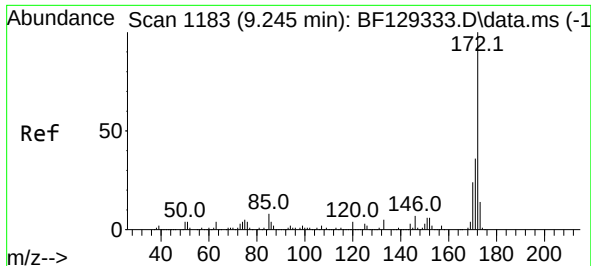
Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Tgt Ion:196 Resp: 287096

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
97	49.9	36.4	54.6
132	27.7	20.7	31.1





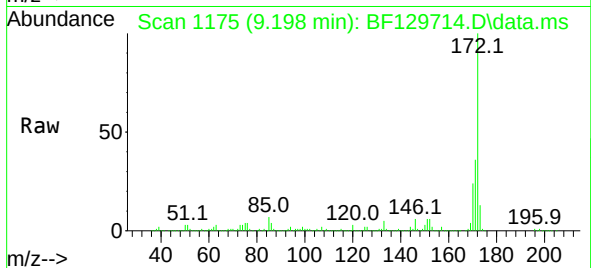
#45
2-Fluorobiphenyl
Concen: 73.618 ng
RT: 9.198 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

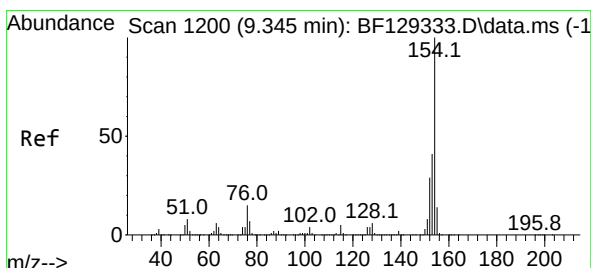
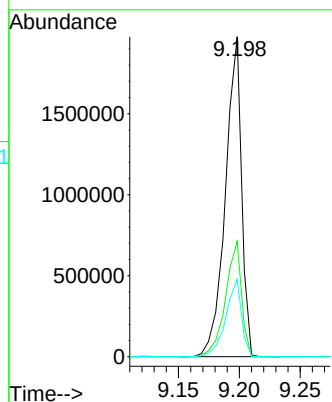
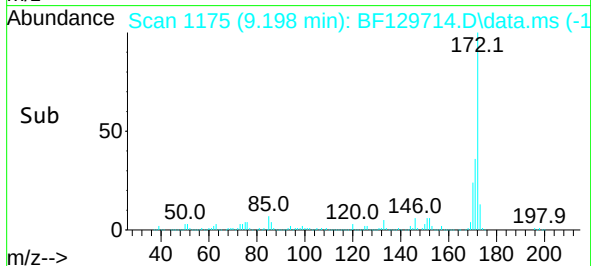


Tgt Ion:172 Resp: 182375
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 19.8 29.8

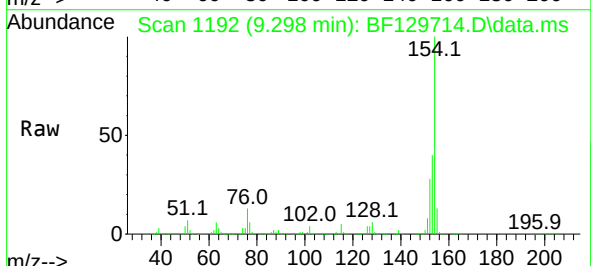
Manual Integrations

APPROVED

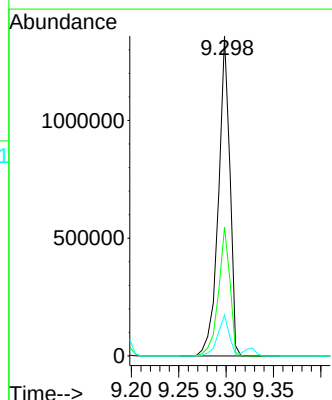
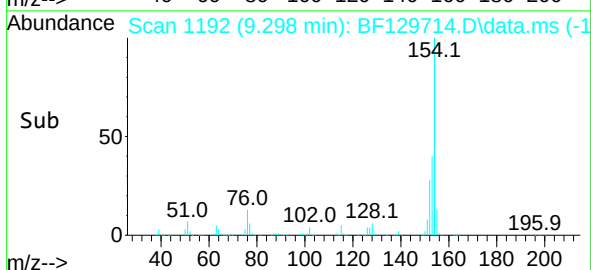
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

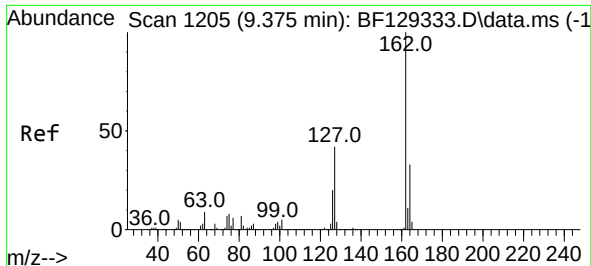


#46
1,1'-Biphenyl
Concen: 40.618 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion:154 Resp: 1135995
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 12.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.143 ng

RT: 9.328 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

Tgt Ion: 162 Resp: 88498

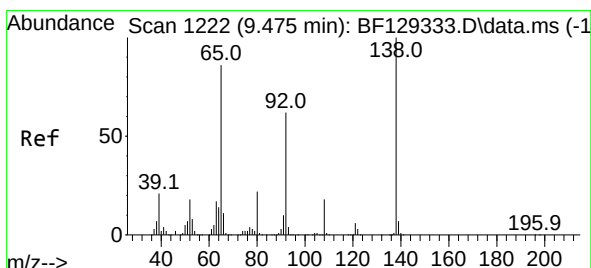
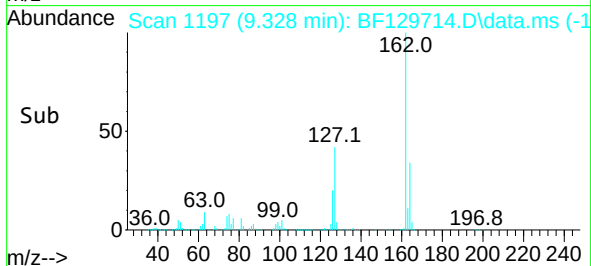
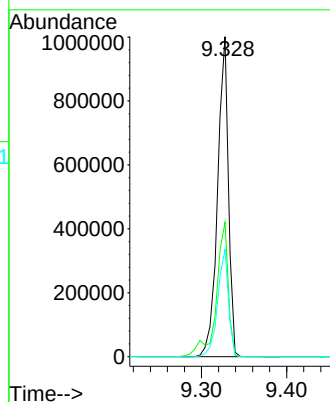
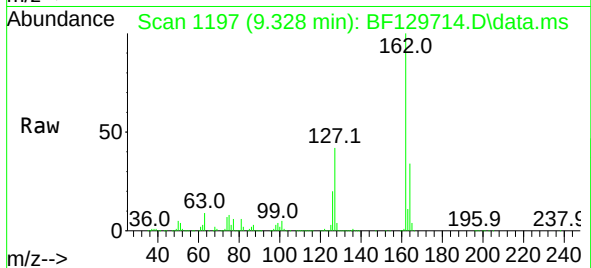
Ion	Ratio	Lower	Upper
162	100		
127	42.1	34.5	51.7
164	33.5	26.5	39.7

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 08/12/2022

Supervised By : Jagrut Upadhyay 08/12/2022



#48

2-Nitroaniline

Concen: 37.315 ng

RT: 9.428 min Scan# 1214

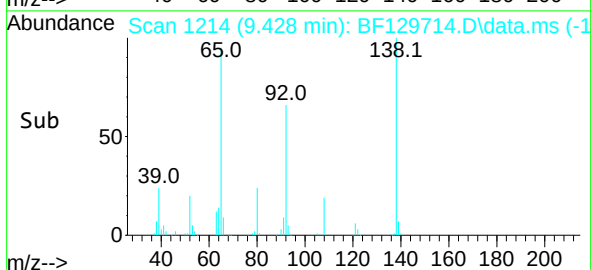
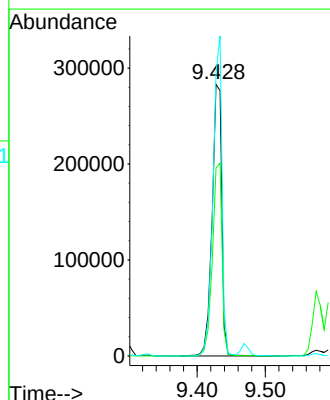
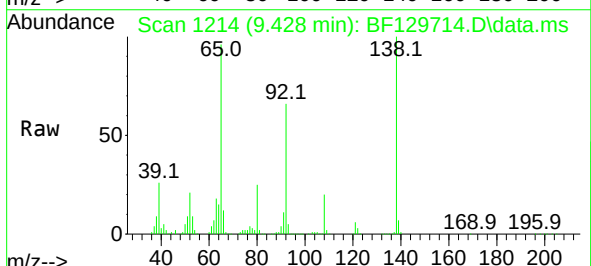
Delta R.T. -0.000 min

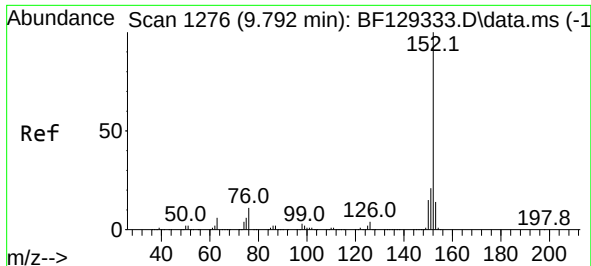
Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Tgt Ion: 65 Resp: 280540

Ion	Ratio	Lower	Upper
65	100		
92	69.2	51.9	77.9
138	104.3	76.4	114.6





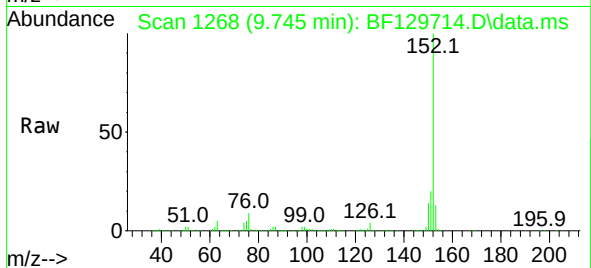
#49
Acenaphthylene
Concen: 39.121 ng
RT: 9.745 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

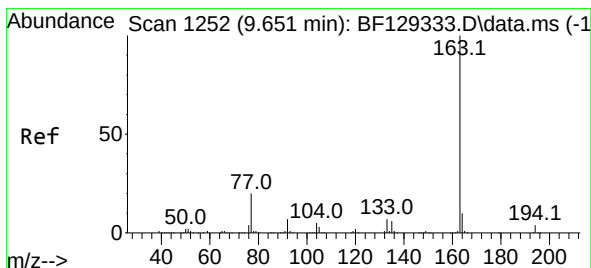
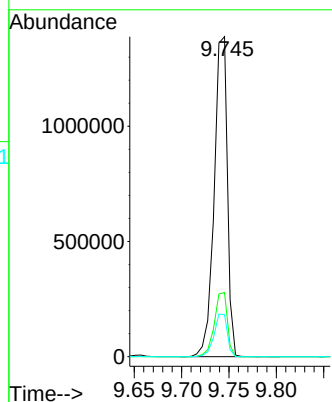


Tgt Ion:152 Resp: 1343990
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.2 10.7 16.1

Manual Integrations

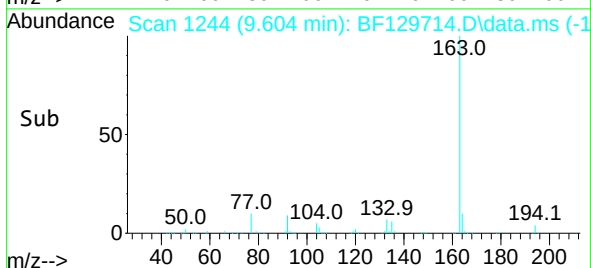
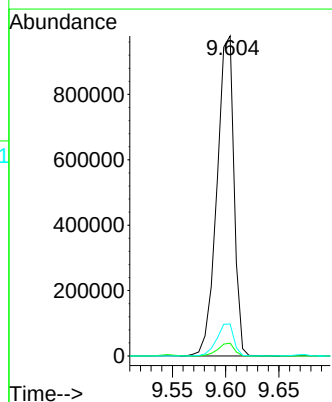
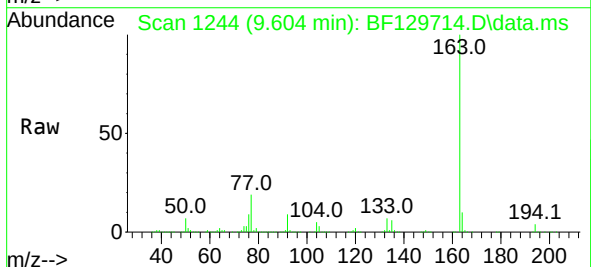
APPROVED

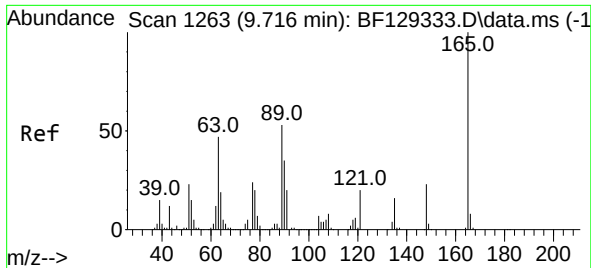
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#50
Dimethylphthalate
Concen: 40.980 ng
RT: 9.604 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Tgt Ion:163 Resp: 1084153
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.2 12.2





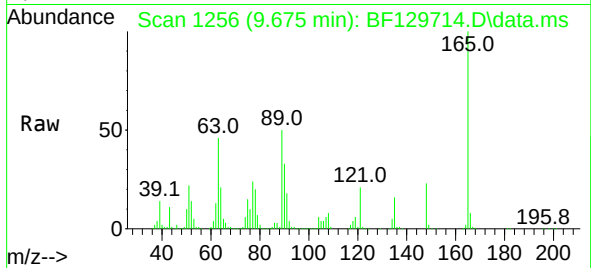
#51
2,6-Dinitrotoluene
Concen: 40.502 ng
RT: 9.675 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

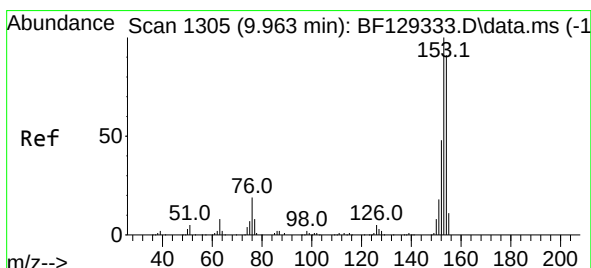
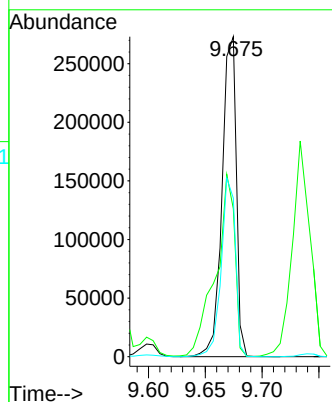
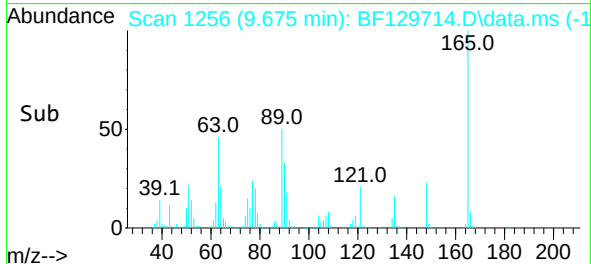


Tgt Ion:165 Resp: 239819
Ion Ratio Lower Upper
165 100
63 46.3 44.9 67.3
89 49.6 43.6 65.4

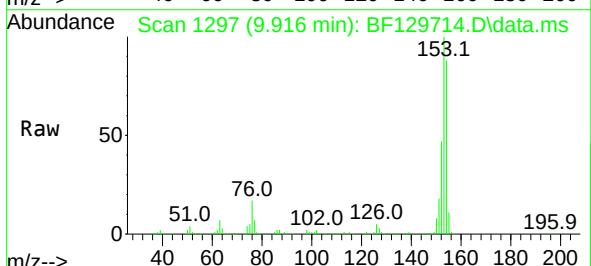
Manual Integrations

APPROVED

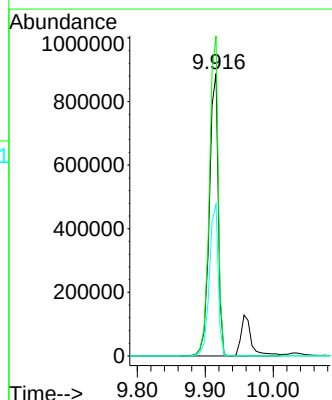
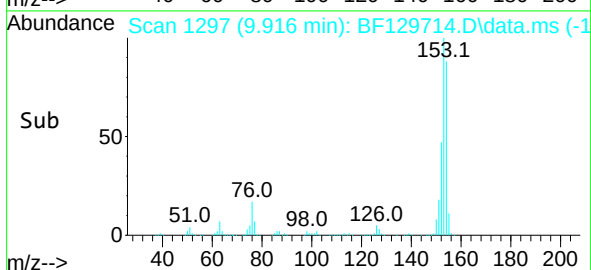
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

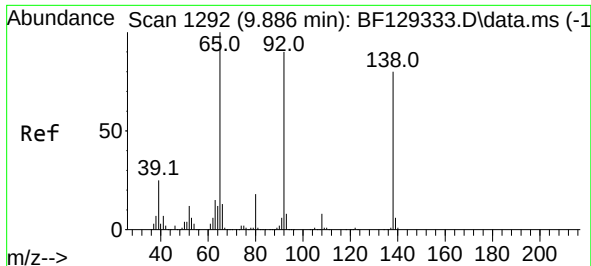


#52
Acenaphthene
Concen: 41.905 ng m
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion:154 Resp: 940294
Ion Ratio Lower Upper
154 100
153 113.3 89.6 134.4
152 53.6 42.4 63.6





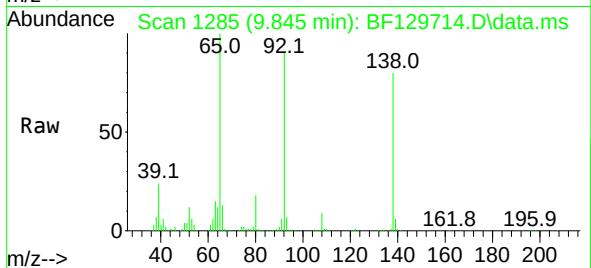
#53
3-Nitroaniline
Concen: 27.790 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

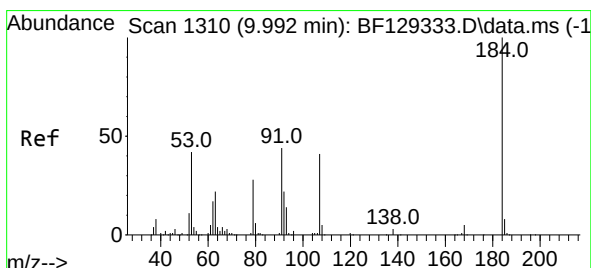
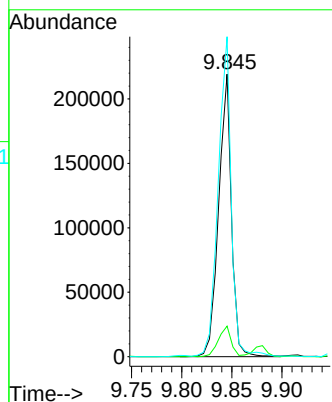
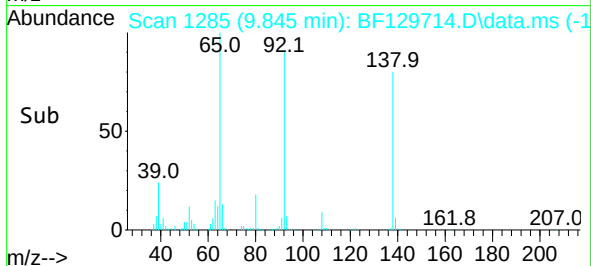


Tgt Ion:138 Resp: 194300
Ion Ratio Lower Upper
138 100
108 10.8 10.9 16.3
92 113.2 98.2 147.2

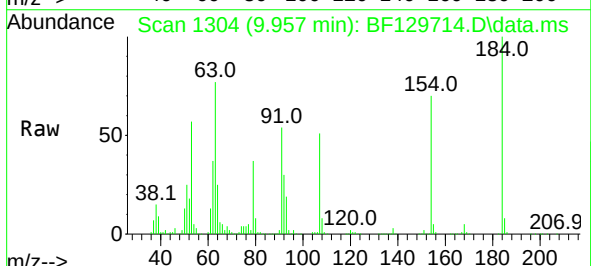
Manual Integrations

APPROVED

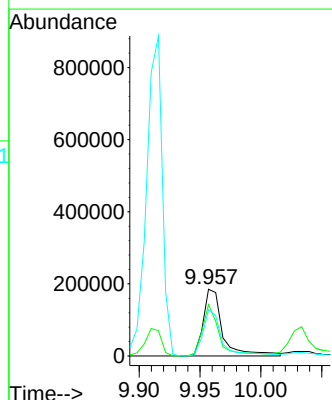
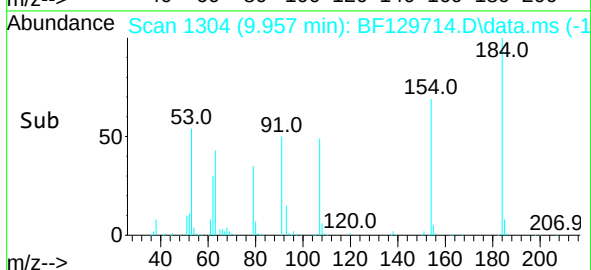
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

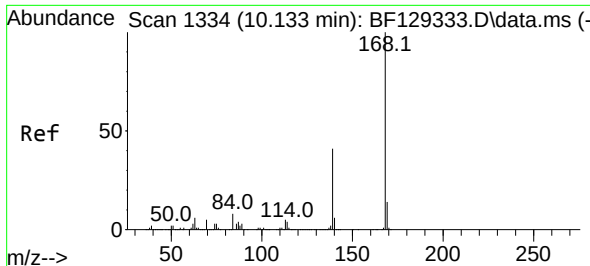


#54
2,4-Dinitrophenol
Concen: 67.729 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



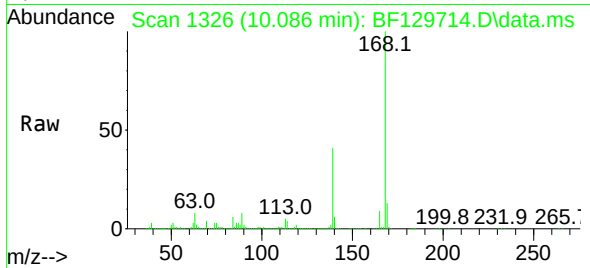
Tgt Ion:184 Resp: 204731
Ion Ratio Lower Upper
184 100
63 77.0 64.5 96.7
154 69.6 50.6 75.8





#55
Dibenzofuran
Concen: 39.543 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

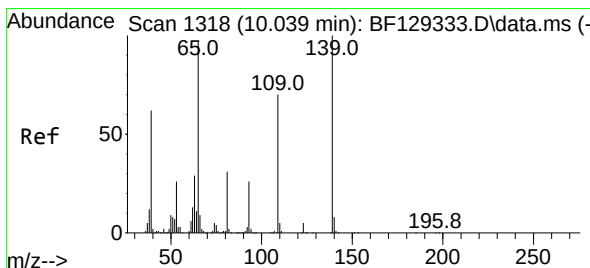
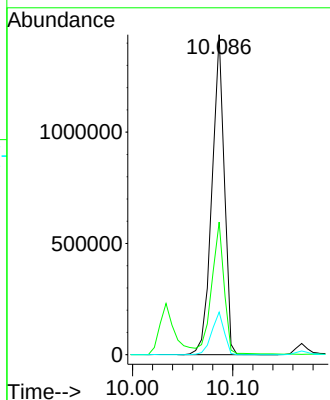
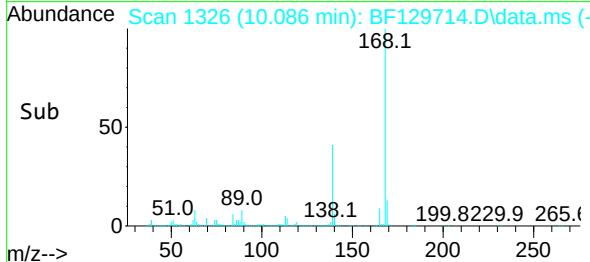
Instrument :
BNA_F
ClientSampleId :
PB146609BS



Tgt Ion:168 Resp: 122314
Ion Ratio Lower Upper
168 100
139 41.4 30.6 46.0
169 13.3 11.0 16.6

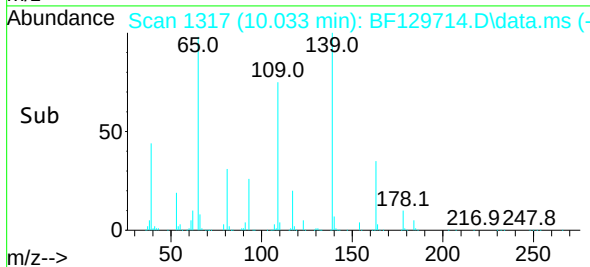
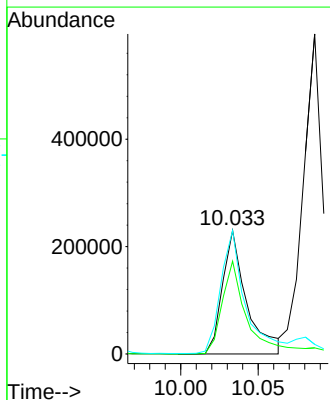
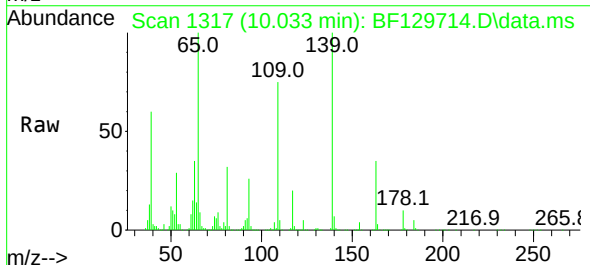
Manual Integrations
APPROVED

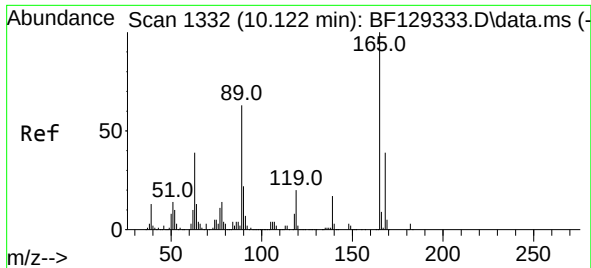
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#56
4-Nitrophenol
Concen: 48.194 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

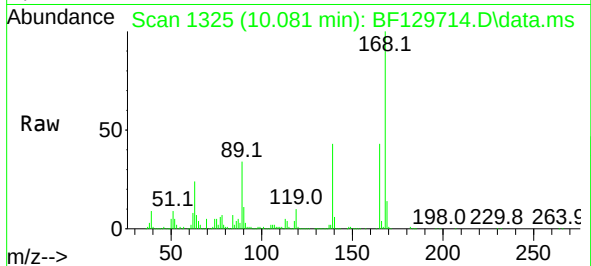
Tgt Ion:139 Resp: 248604
Ion Ratio Lower Upper
139 100
109 75.1 50.7 90.7
65 100.0 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 39.389 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

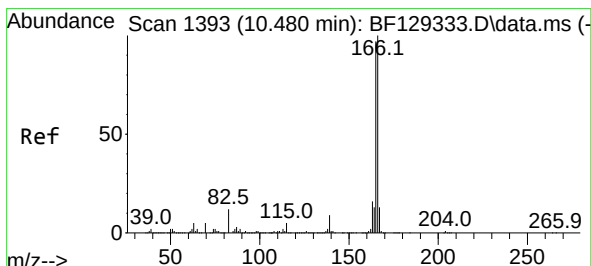
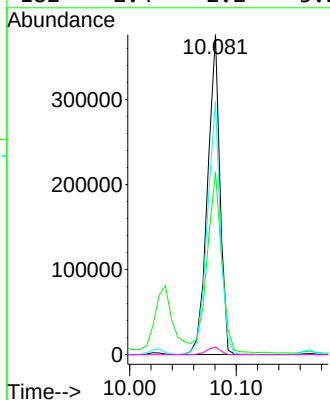
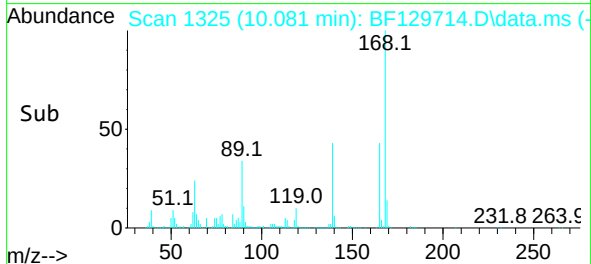
Instrument :
BNA_F
ClientSampleId :
PB146609BS



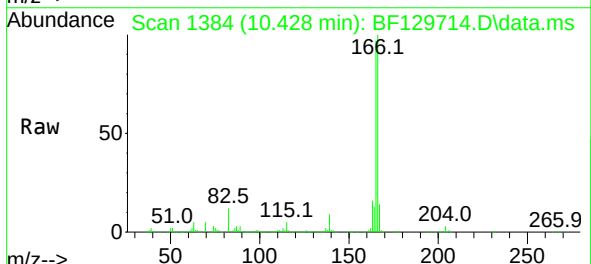
Tgt Ion:165 Resp: 304680
Ion Ratio Lower Upper
165 100
63 57.2 39.8 59.6
89 79.2 60.2 90.2
182 2.4 2.2 3.2

Manual Integrations
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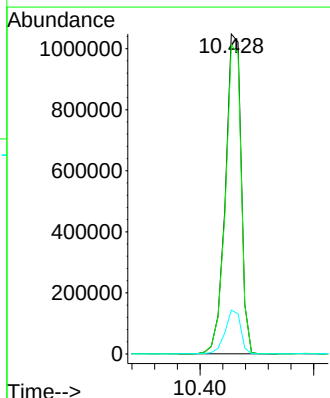
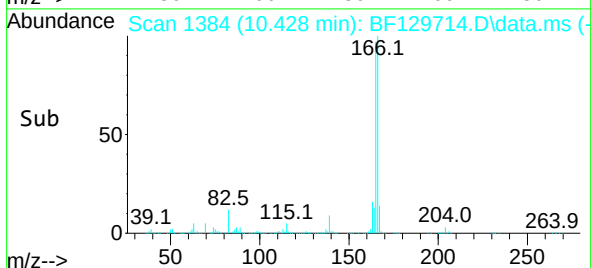
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

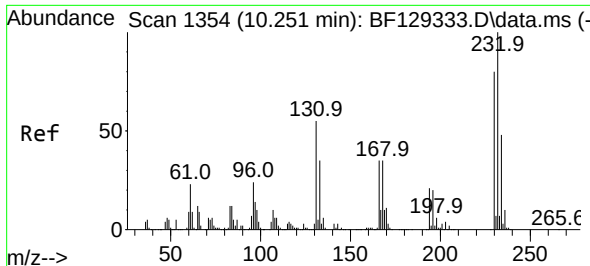


#58
Fluorene
Concen: 40.770 ng
RT: 10.428 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



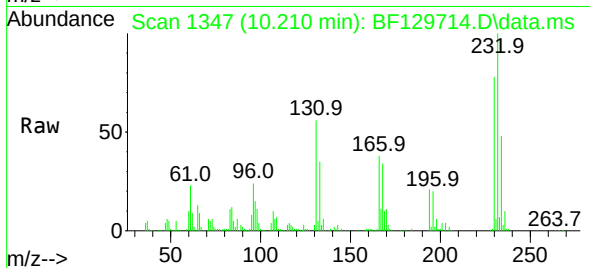
Tgt Ion:166 Resp: 1009026
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.255 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

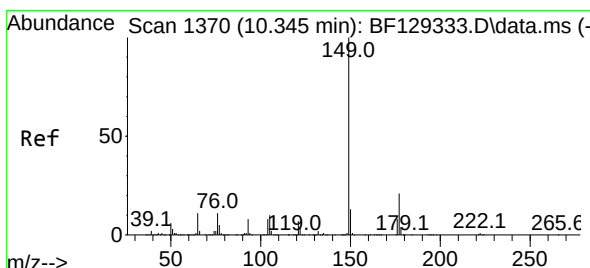
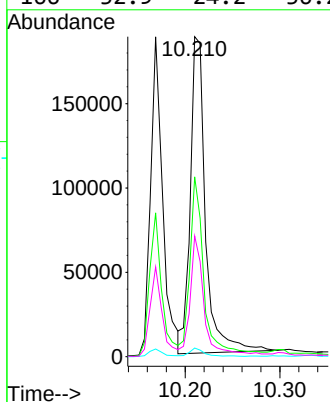
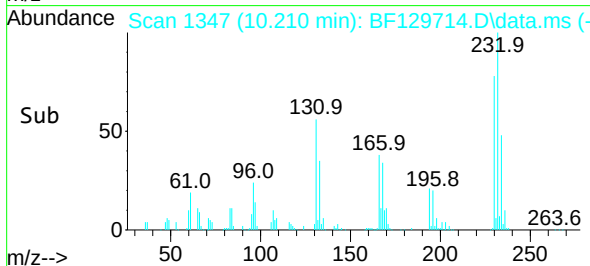
Instrument :
BNA_F
ClientSampleId :
PB146609BS



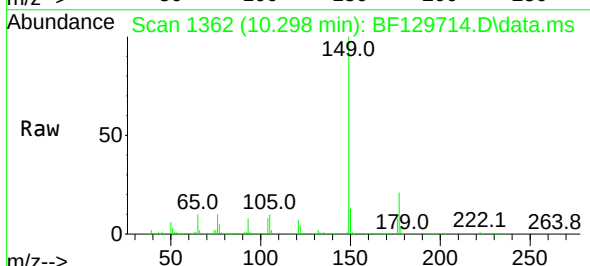
Tgt Ion:232 Resp: 21040
Ion Ratio Lower Upper
232 100
131 53.0 36.1 54.1
130 2.5 1.8 2.8
166 32.9 24.2 36.2

Manual Integrations
APPROVED

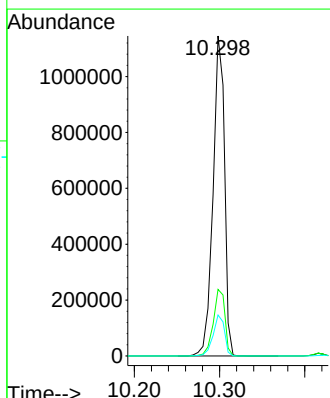
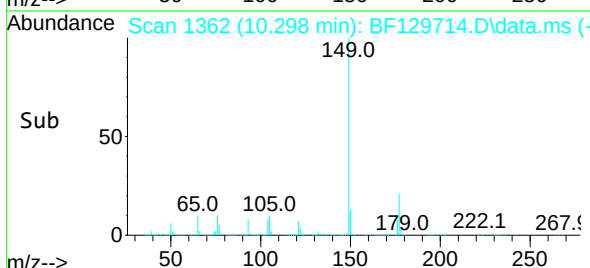
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

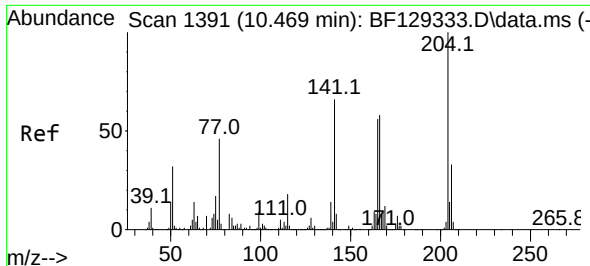


#60
Diethylphthalate
Concen: 41.900 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



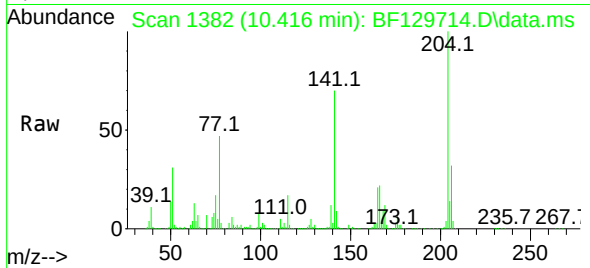
Tgt Ion:149 Resp: 1071550
Ion Ratio Lower Upper
149 100
177 20.8 17.3 25.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.985 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

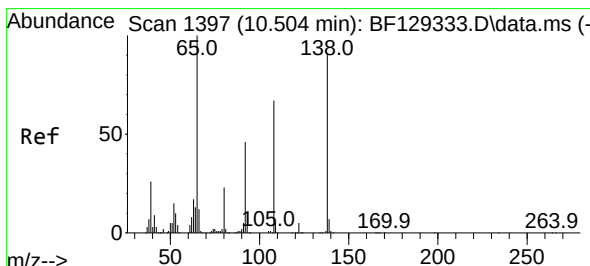
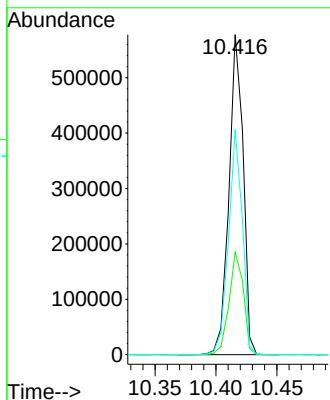
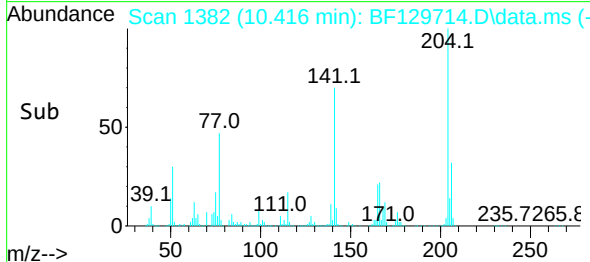
Instrument :
BNA_F
ClientSampleId :
PB146609BS



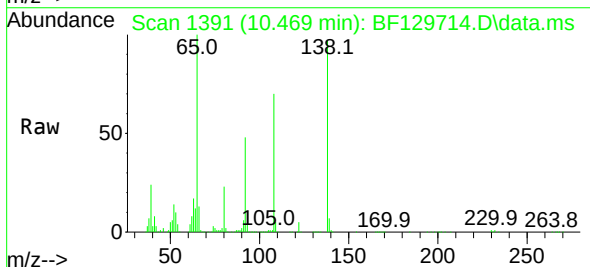
Tgt Ion:204 Resp: 469014
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 70.3 47.0 70.4

Manual Integrations
APPROVED

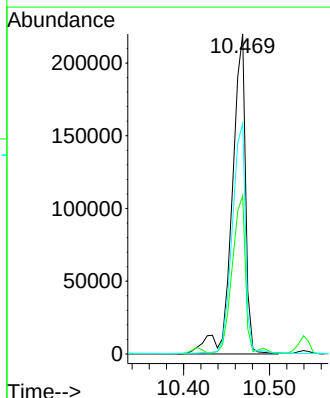
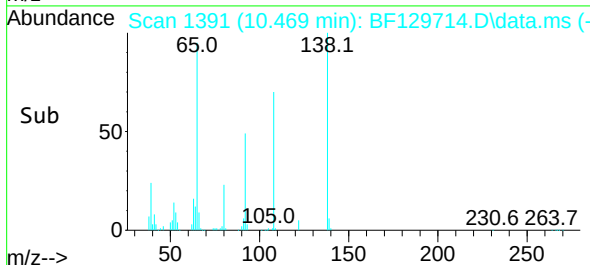
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

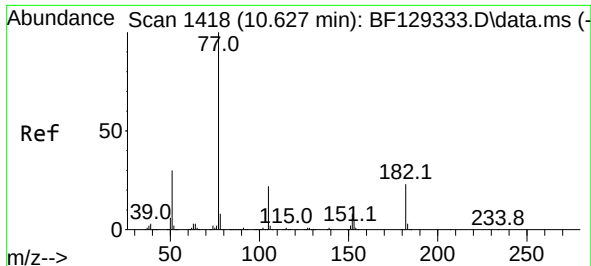


#62
4-Nitroaniline
Concen: 34.655 ng m
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



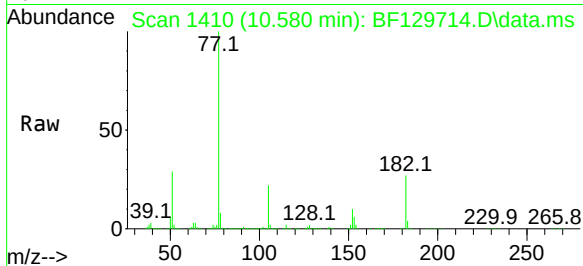
Tgt Ion:138 Resp: 240374
Ion Ratio Lower Upper
138 100
92 49.5 33.5 73.5
108 72.1 61.0 101.0





#63
Azobenzene
Concen: 38.532 ng
RT: 10.580 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

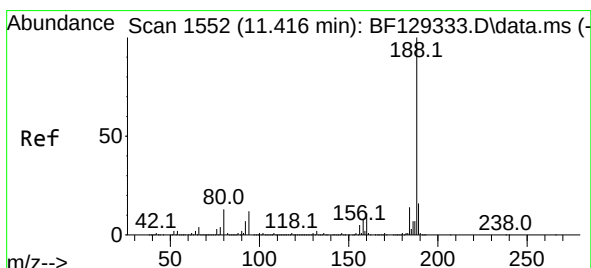
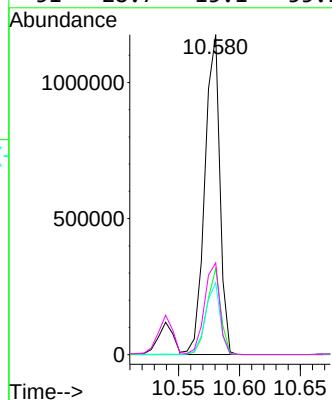
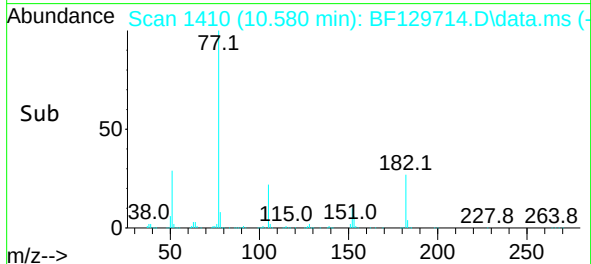
Instrument :
BNA_F
ClientSampleId :
PB146609BS



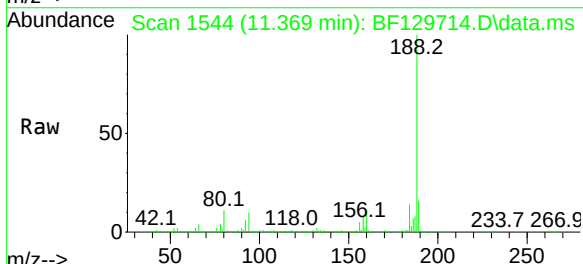
Tgt Ion: 77 Resp: 1005082
Ion Ratio Lower Upper
77 100
182 26.9 5.6 45.6
105 22.5 1.6 41.6
51 28.7 15.1 55.1

Manual Integrations
APPROVED

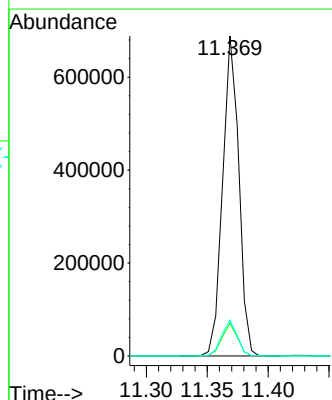
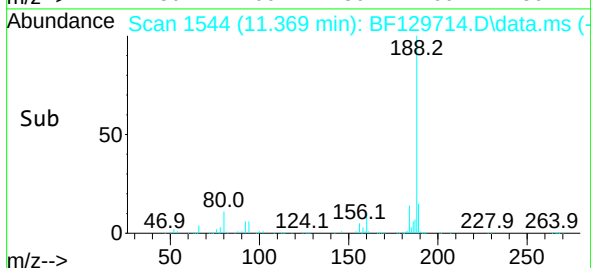
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

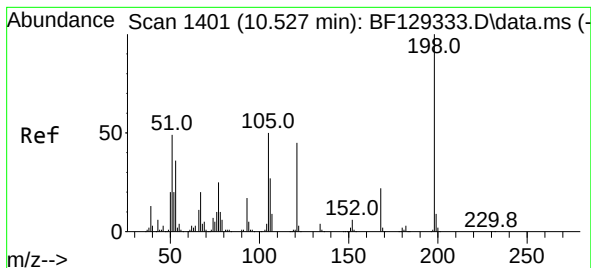


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



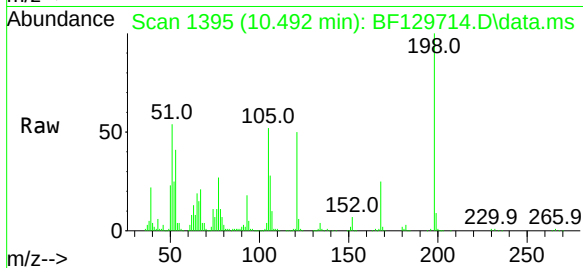
Tgt Ion:188 Resp: 636535
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 11.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 36.113 ng
RT: 10.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

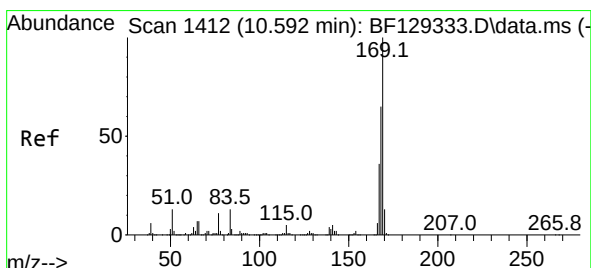
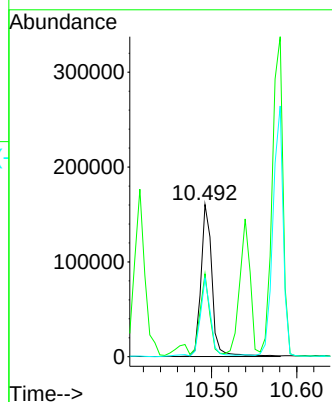
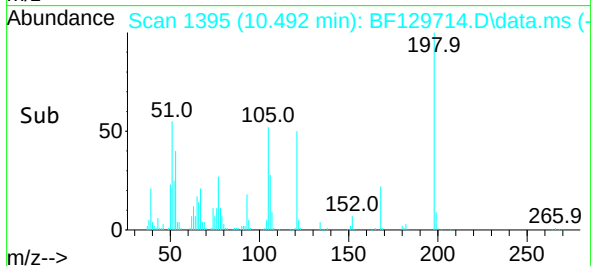
Instrument :
BNA_F
ClientSampleId :
PB146609BS



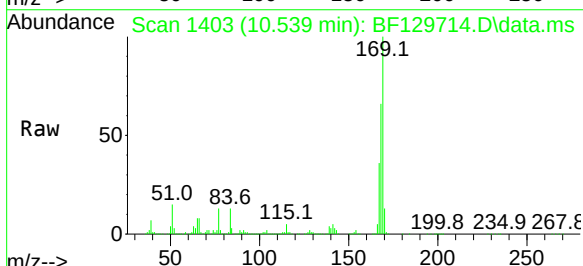
Tgt Ion:198 Resp: 145091
Ion Ratio Lower Upper
198 100
51 54.5 37.6 77.6
105 51.5 27.0 67.0

Manual Integrations
APPROVED

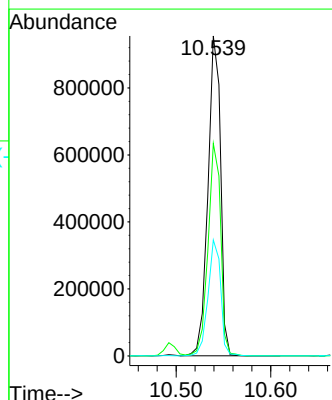
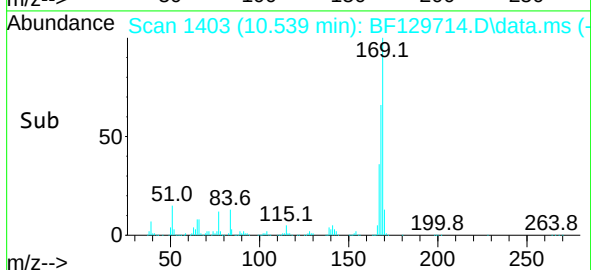
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

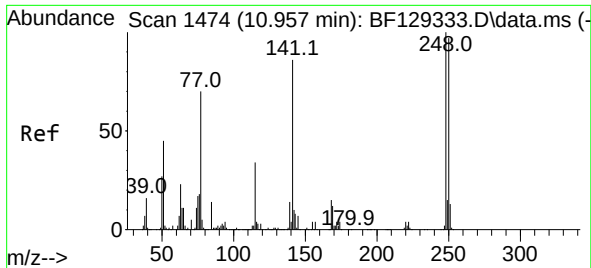


#66
n-Nitrosodiphenylamine
Concen: 41.560 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion:169 Resp: 881005
Ion Ratio Lower Upper
169 100
168 66.4 50.1 75.1
167 36.2 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 44.030 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

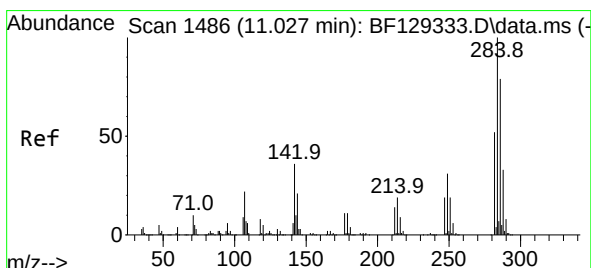
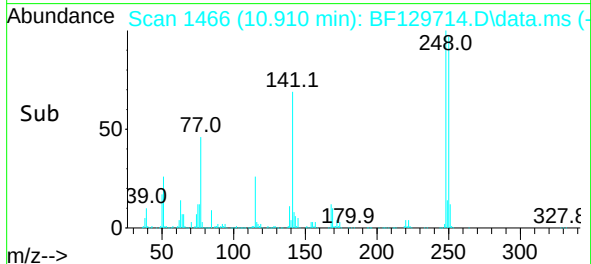
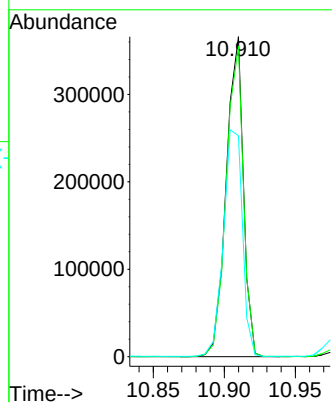
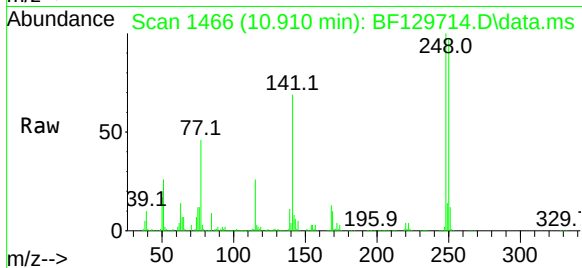
PB146609BS

Tgt Ion:248 Resp: 306898
Ion Ratio Lower Upper
248 100
250 97.0 80.6 120.8
141 69.1 58.9 88.3

Manual Integrations

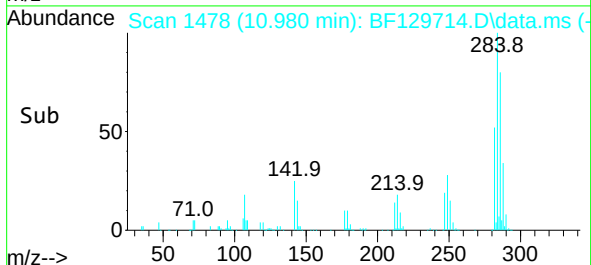
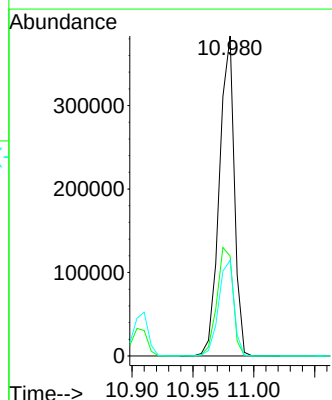
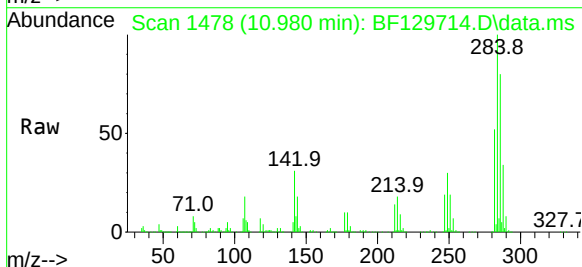
APPROVED

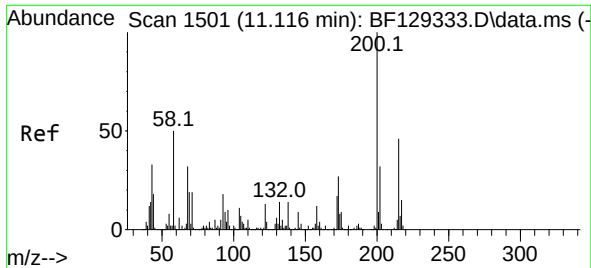
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#68
Hexachlorobenzene
Concen: 43.415 ng
RT: 10.980 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

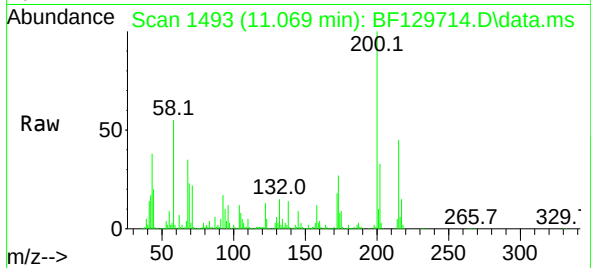
Tgt Ion:284 Resp: 327890
Ion Ratio Lower Upper
284 100
142 31.2 29.0 43.4
249 29.9 25.0 37.6





#69
 Atrazine
 Concen: 45.915 ng
 RT: 11.069 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF129714.D
 Acq: 11 Aug 2022 13:52

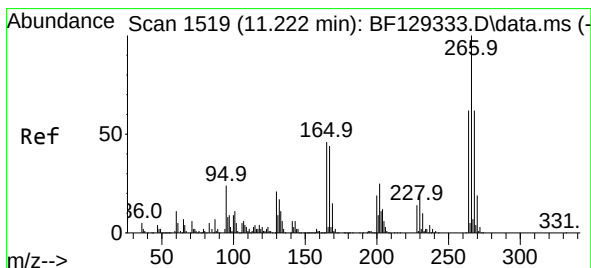
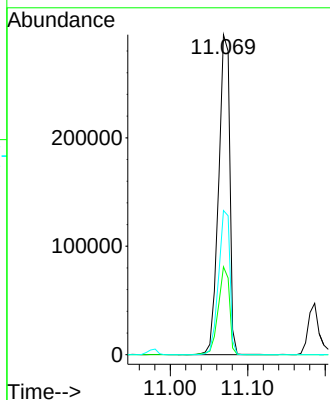
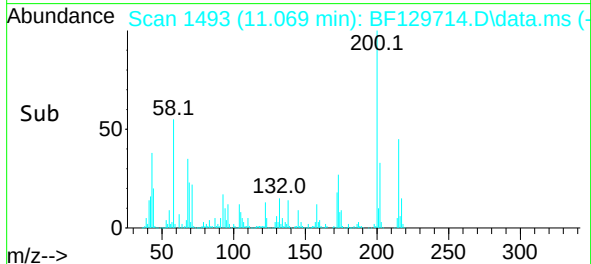
Instrument :
 BNA_F
 ClientSampleId :
 PB146609BS



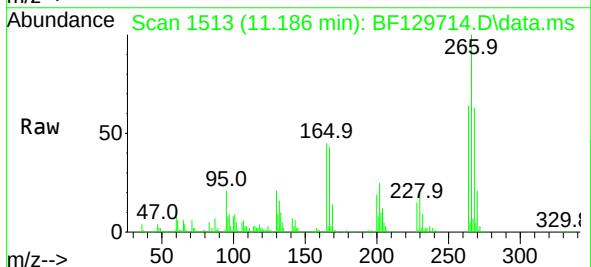
Tgt Ion:200 Resp: 29563
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.3 46.3
 215 45.0 28.3 68.3

Manual Integrations
 APPROVED

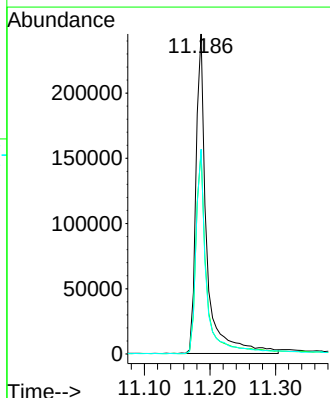
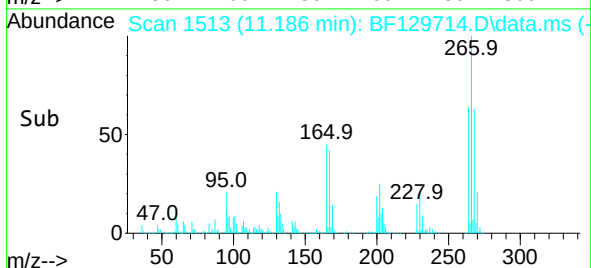
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

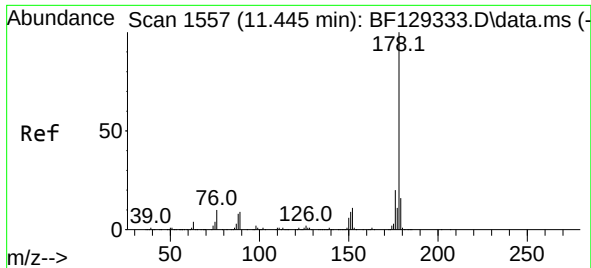


#70
 Pentachlorophenol
 Concen: 68.111 ng
 RT: 11.186 min Scan# 1513
 Delta R.T. 0.006 min
 Lab File: BF129714.D
 Acq: 11 Aug 2022 13:52



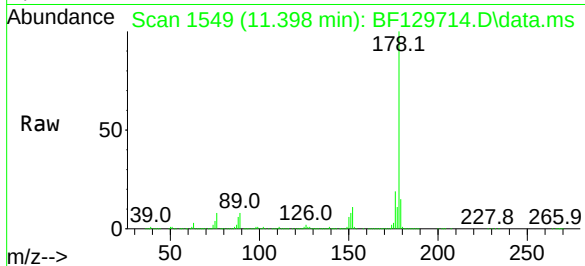
Tgt Ion:266 Resp: 279648
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.4
 264 64.0 49.4 74.2





#71
Phenanthrene
Concen: 39.974 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

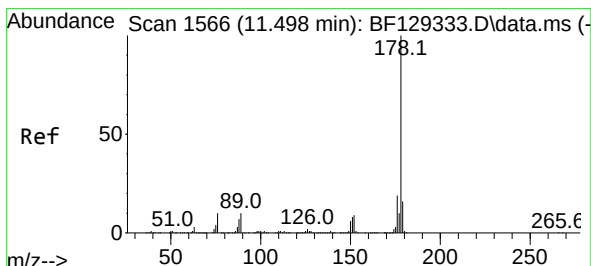
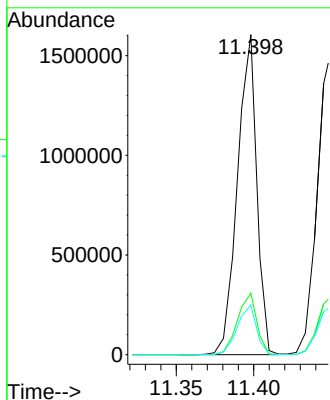
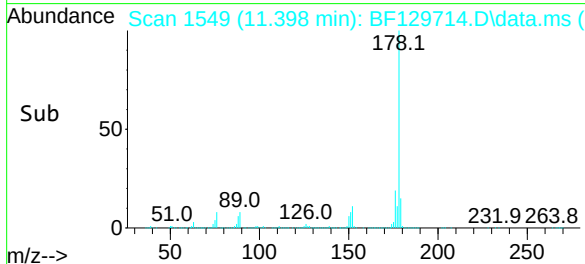
Instrument :
BNA_F
ClientSampleId :
PB146609BS



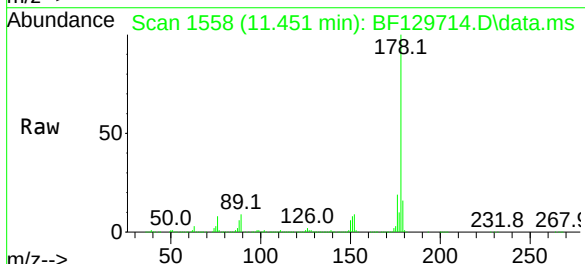
Tgt Ion:178 Resp: 138897
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.4 12.6 19.0

Manual Integrations
APPROVED

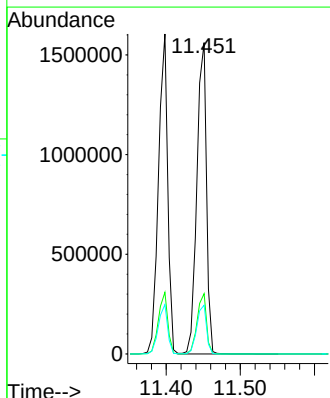
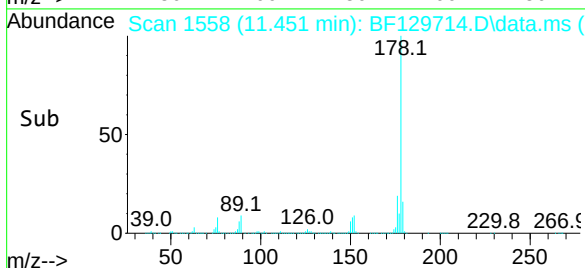
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

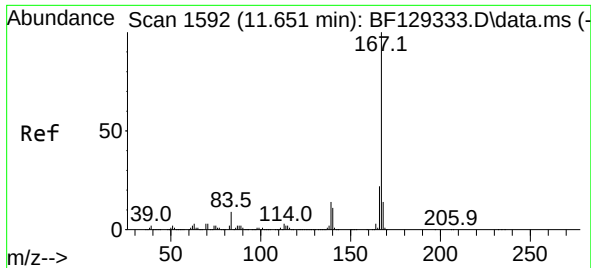


#72
Anthracene
Concen: 41.092 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



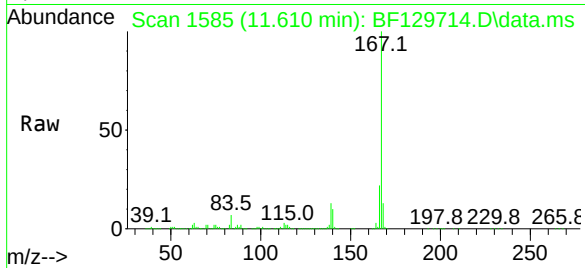
Tgt Ion:178 Resp: 1403118
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 39.979 ng
 RT: 11.610 min Scan# 1638
 Delta R.T. 0.006 min
 Lab File: BF129714.D
 Acq: 11 Aug 2022 13:52

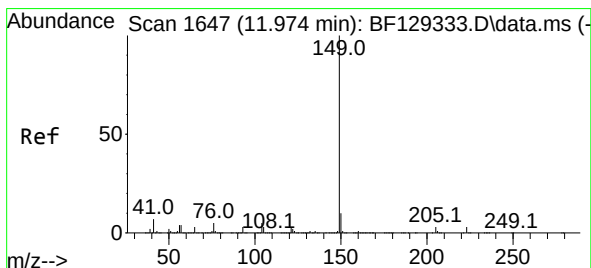
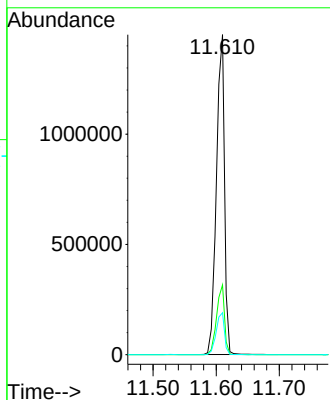
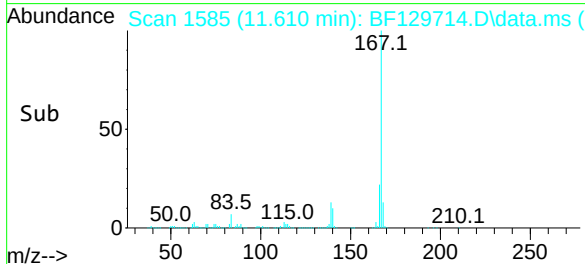
Instrument :
 BNA_F
 ClientSampleId :
 PB146609BS



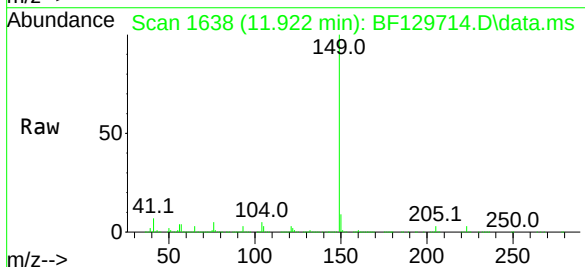
Tgt Ion:167 Resp: 128505
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.1 11.2 16.8

Manual Integrations
 APPROVED

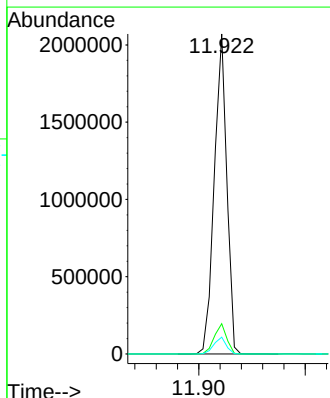
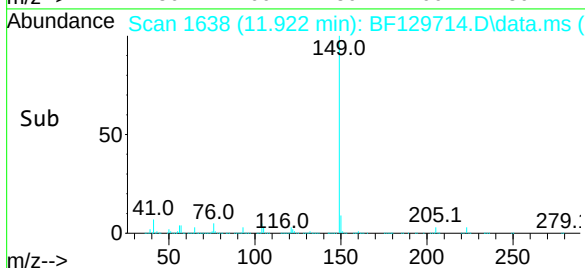
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

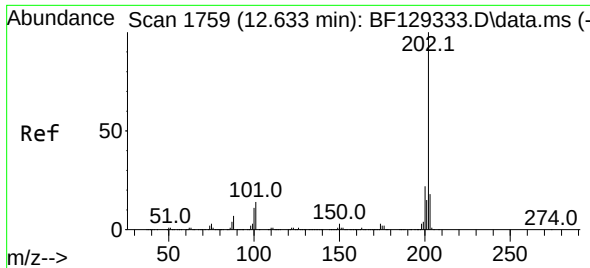


#74
 Di-n-butylphthalate
 Concen: 44.239 ng
 RT: 11.922 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BF129714.D
 Acq: 11 Aug 2022 13:52



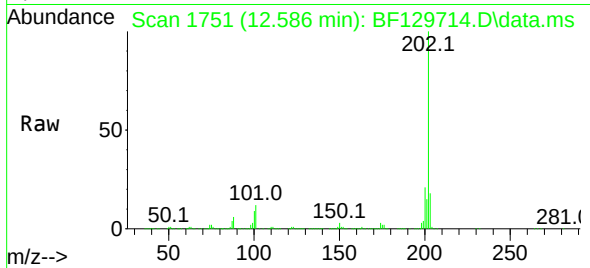
Tgt Ion:149 Resp: 1693405
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 39.587 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

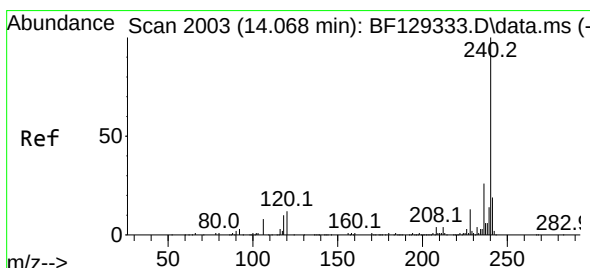
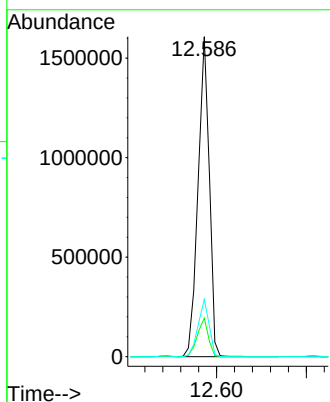
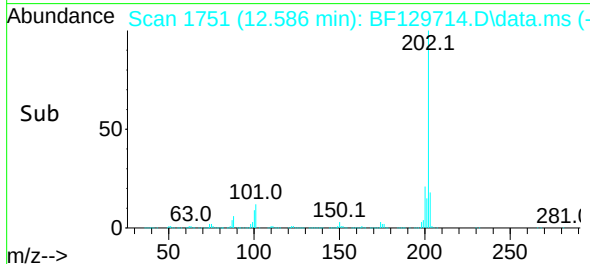
Instrument :
BNA_F
ClientSampleId :
PB146609BS



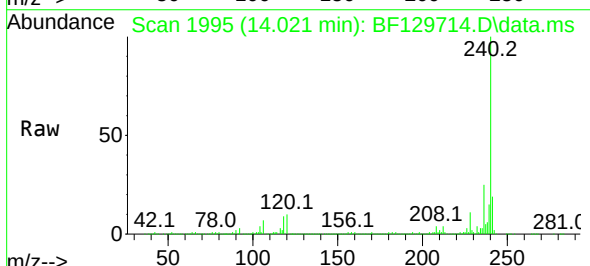
Tgt Ion:202 Resp: 139371
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.4
203 17.9 0.0 38.0

Manual Integrations
APPROVED

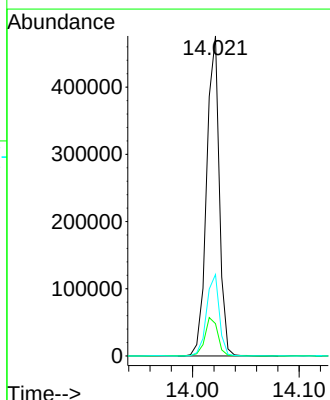
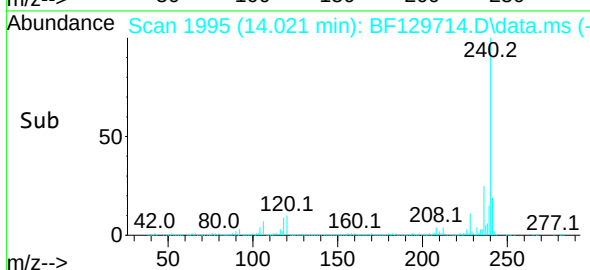
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

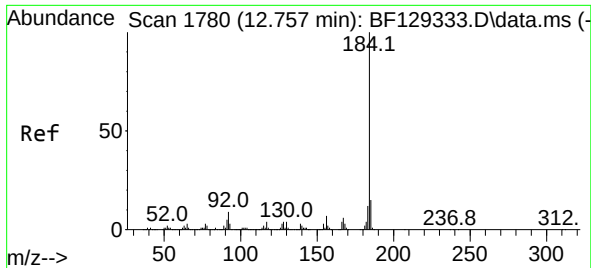


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



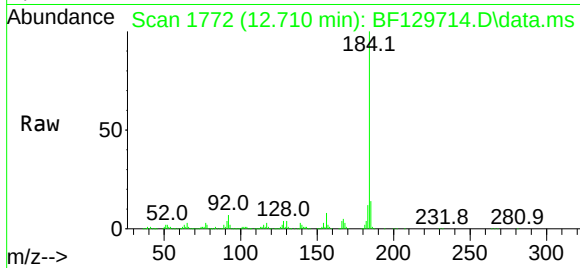
Tgt Ion:240 Resp: 393209
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.4 20.8 31.2





#77
Benzidine
Concen: 42.327 ng
RT: 12.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

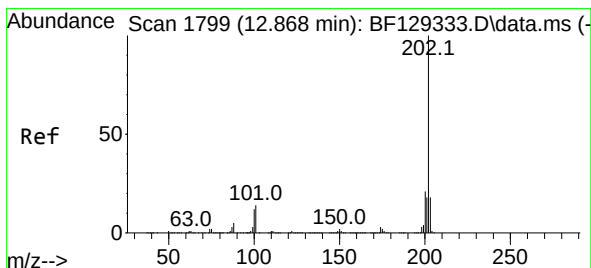
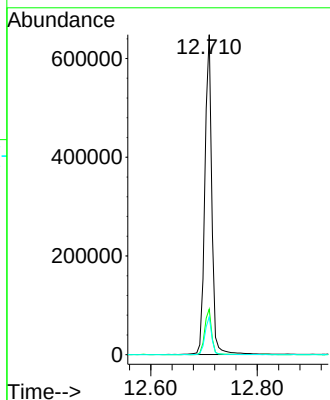
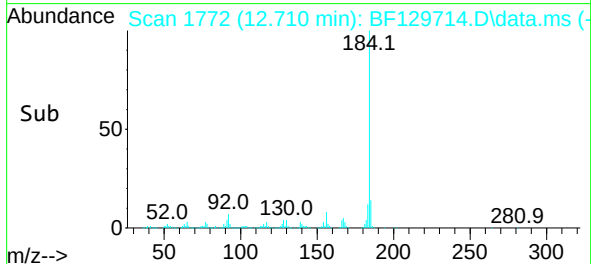
Instrument :
BNA_F
ClientSampleId :
PB146609BS



Tgt Ion:184 Resp: 587970
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.9 9.3 13.9

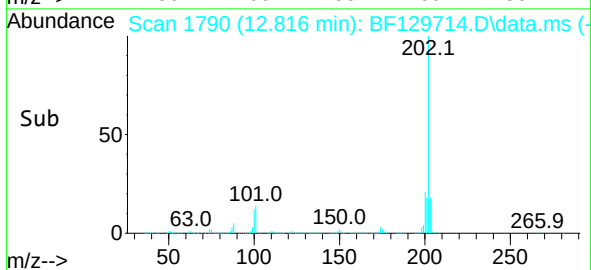
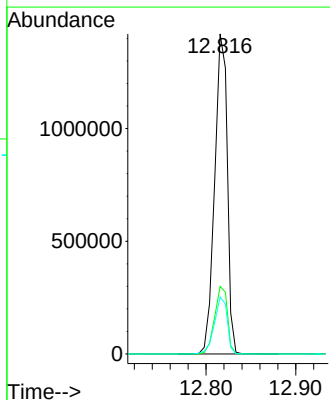
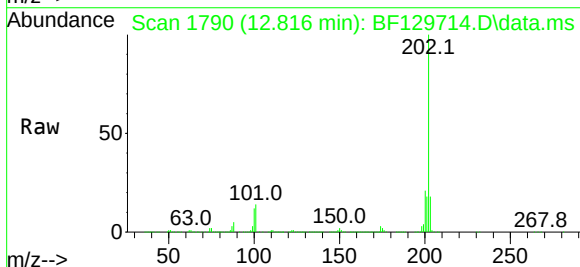
Manual Integrations
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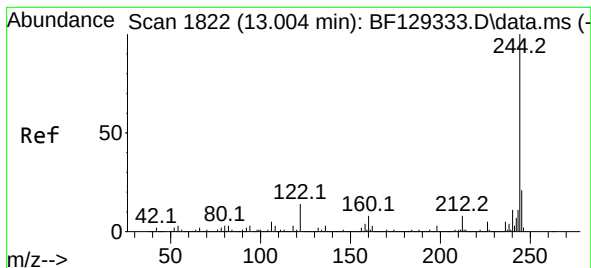
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#78
Pyrene
Concen: 42.141 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Tgt Ion:202 Resp: 1385656
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.8 14.6 21.8





#79

Terphenyl-d14

Concen: 92.904 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF129714.D

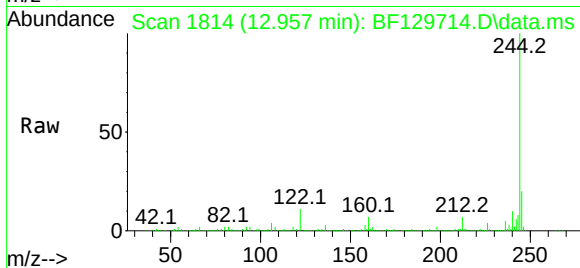
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS



Tgt Ion:244 Resp: 193633

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

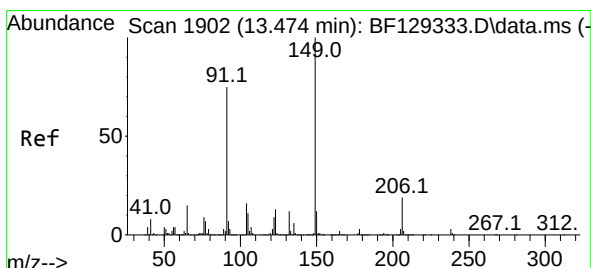
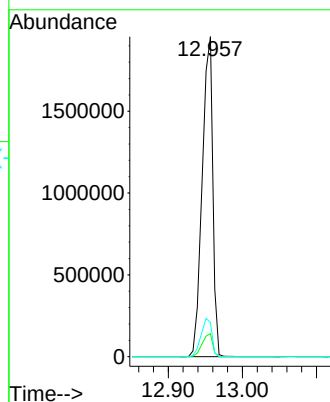
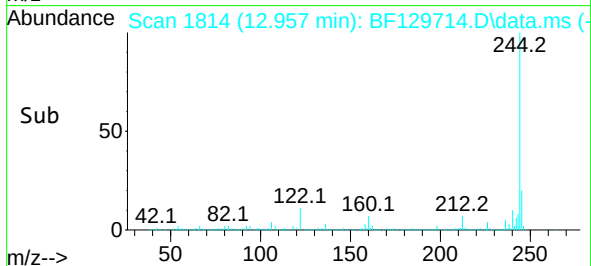
122 10.7 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#80

Butylbenzylphthalate

Concen: 44.868 ng

RT: 13.421 min Scan# 1893

Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

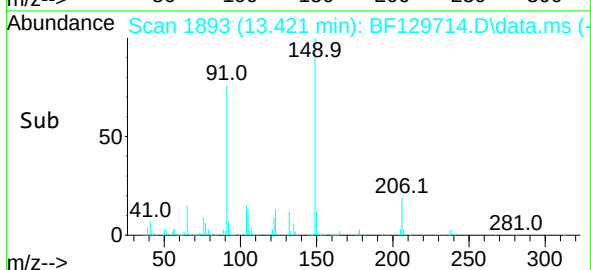
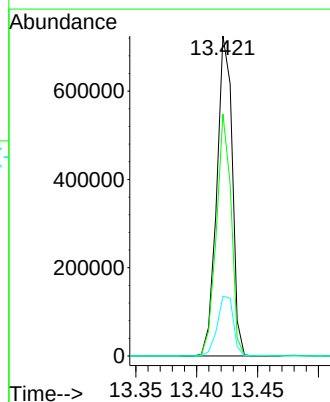
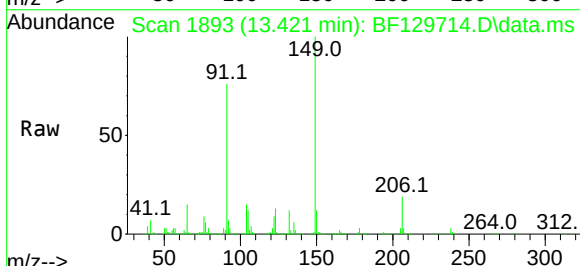
Tgt Ion:149 Resp: 639911

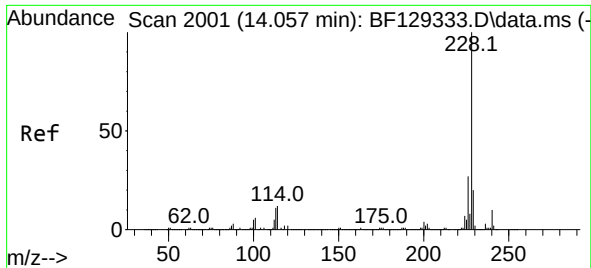
Ion Ratio Lower Upper

149 100

91 75.7 61.2 91.8

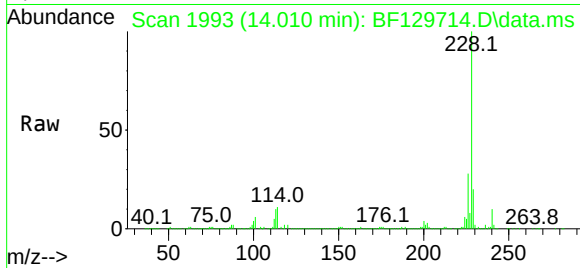
206 18.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 39.635 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

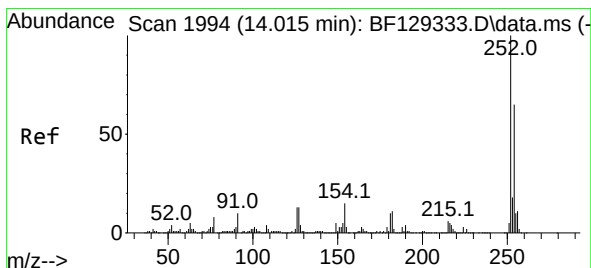
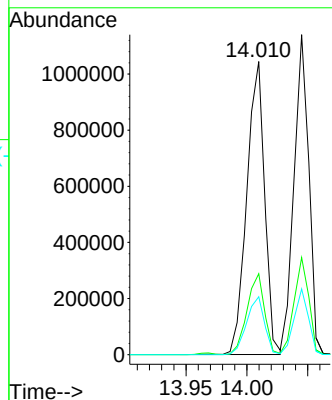
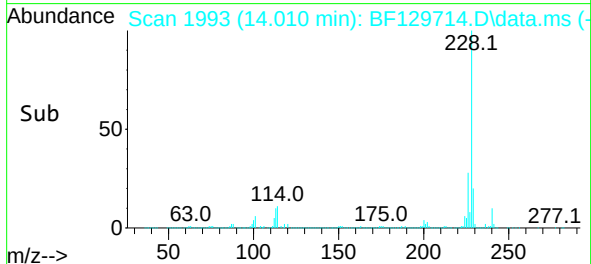
Instrument :
BNA_F
ClientSampleId :
PB146609BS



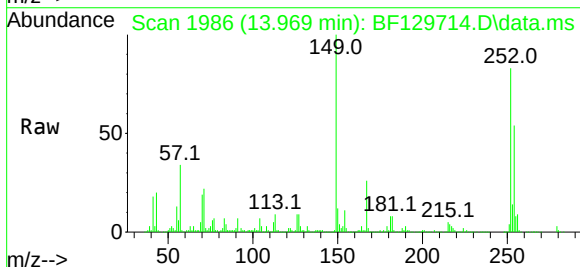
Tgt Ion:228 Resp: 1064600
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.8 15.8 23.8

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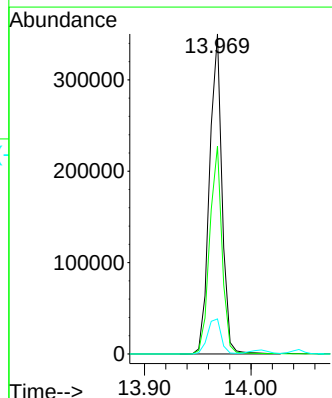
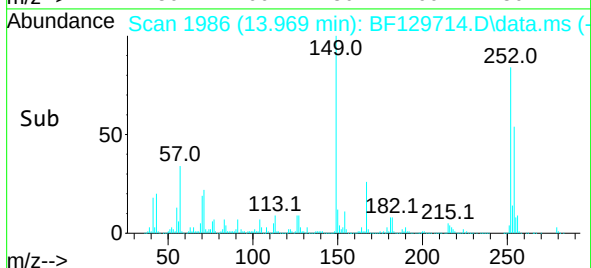
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

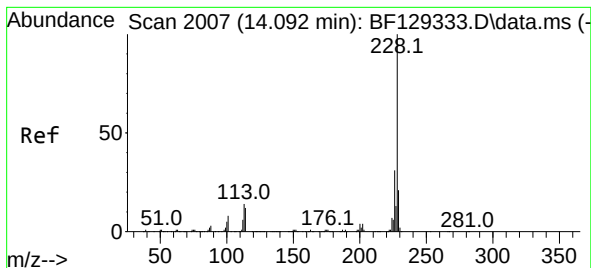


#82
3,3'-Dichlorobenzidine
Concen: 32.206 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52



Tgt Ion:252 Resp: 285615
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 11.0 8.2 12.4





#83

Chrysene

Concen: 37.889 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

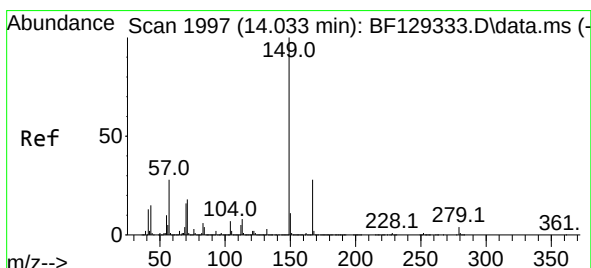
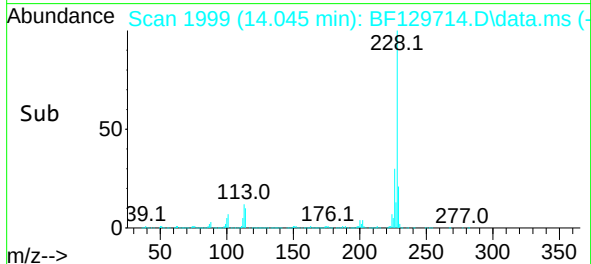
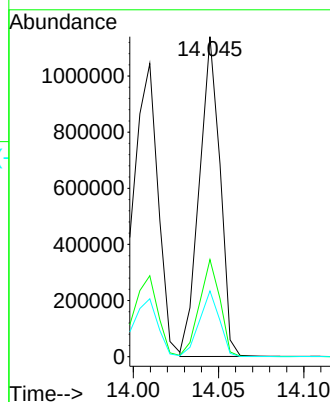
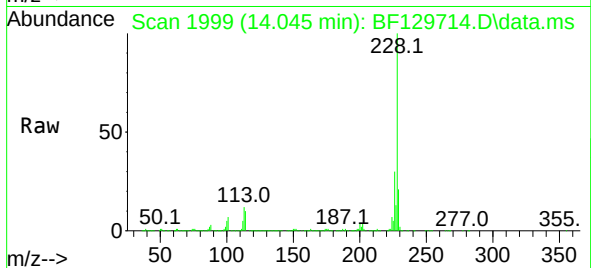
PB146609BS

Tgt Ion:228 Resp: 959150
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.6 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.341 ng

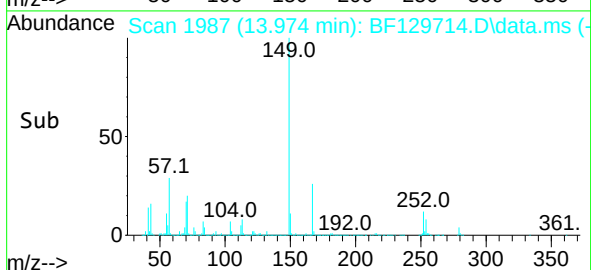
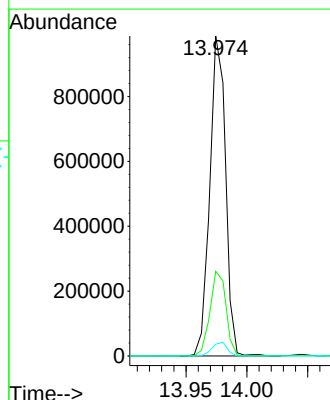
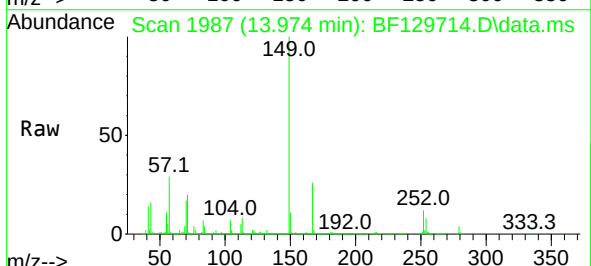
RT: 13.974 min Scan# 1987

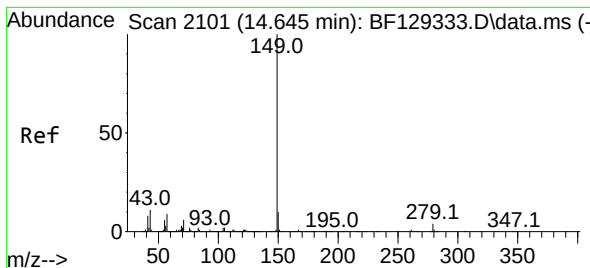
Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

Tgt Ion:149 Resp: 888902
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 48.150 ng

RT: 14.592 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BF129714.D

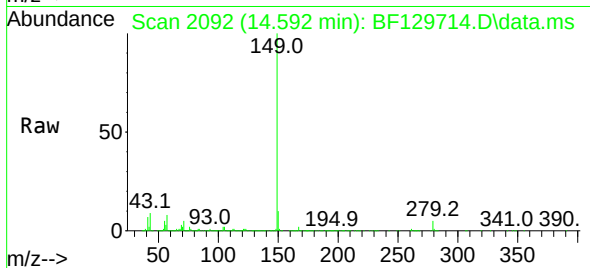
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS



Tgt Ion:149 Resp: 1301018

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

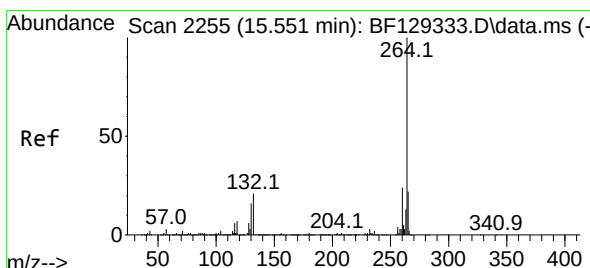
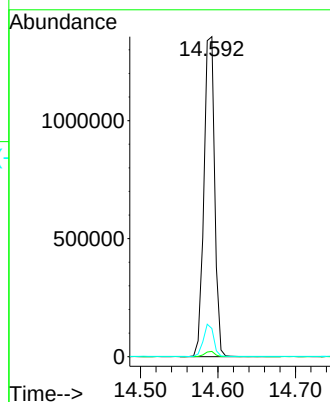
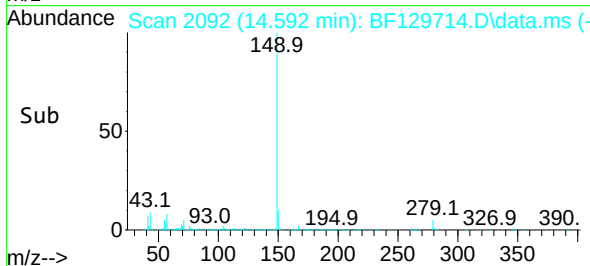
43 9.7 9.2 13.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

Delta R.T. -0.000 min

Lab File: BF129714.D

Acq: 11 Aug 2022 13:52

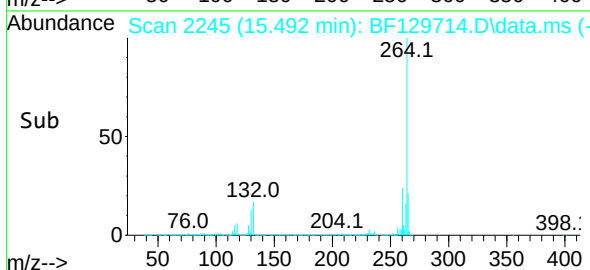
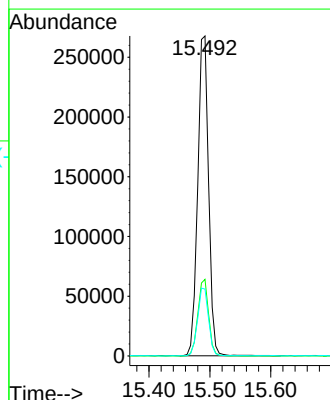
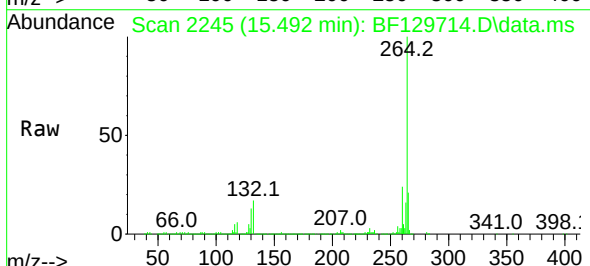
Tgt Ion:264 Resp: 331738

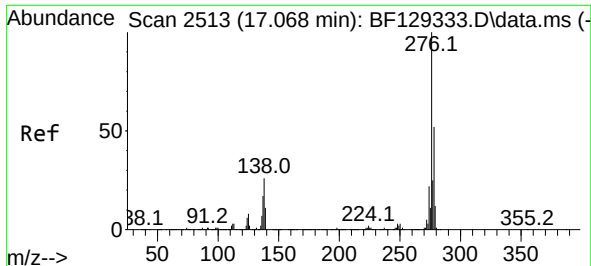
Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 20.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.779 ng
RT: 16.986 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

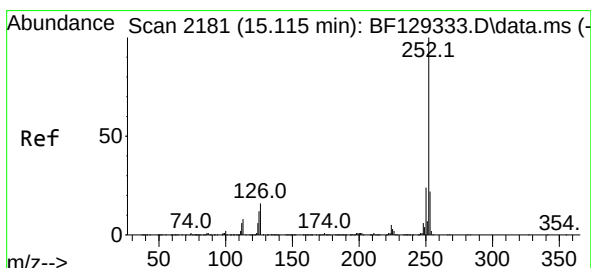
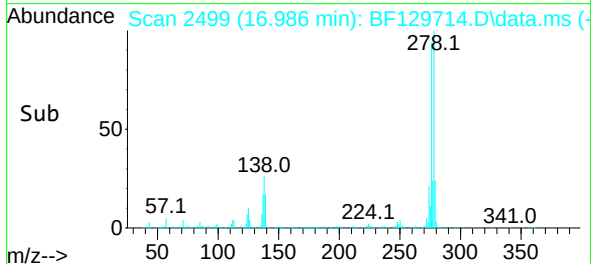
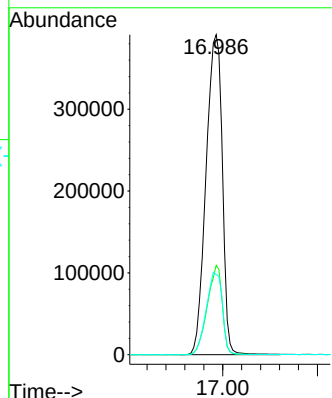
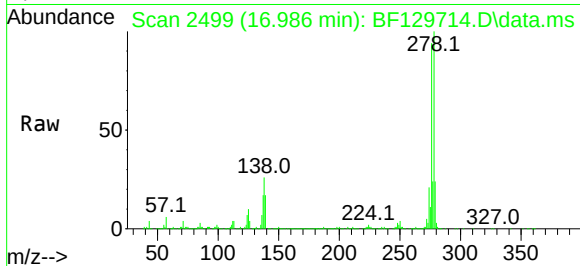
PB146609BS

Tgt Ion:276 Resp: 933324
Ion Ratio Lower Upper
276 100
138 25.5 21.1 31.7
277 25.5 20.3 30.5

Manual Integrations

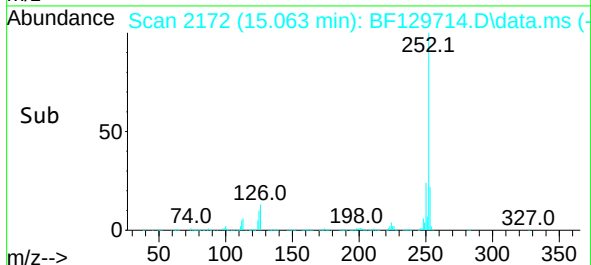
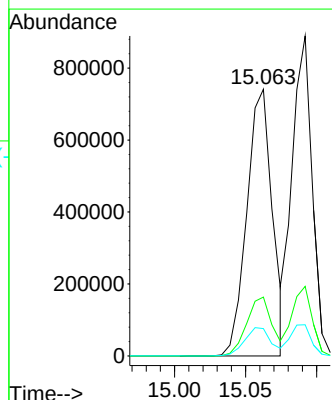
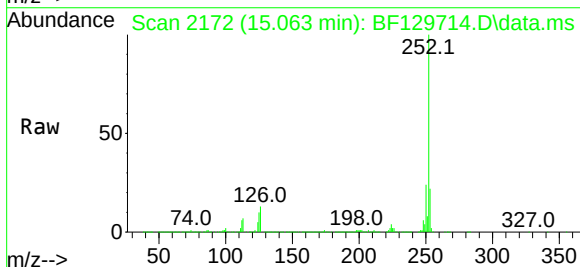
APPROVED

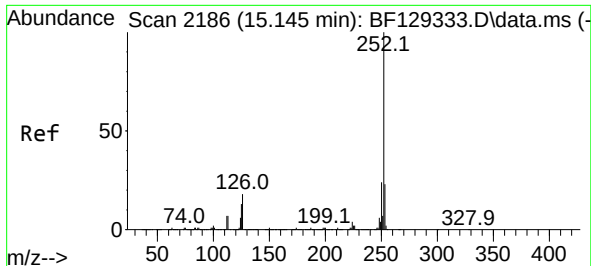
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#88
Benzo(b)fluoranthene
Concen: 41.999 ng
RT: 15.063 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Tgt Ion:252 Resp: 924190
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.3 8.0 12.0





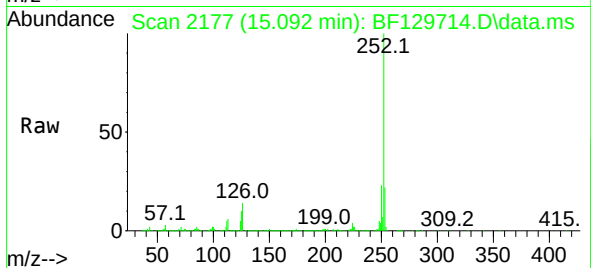
#89
Benzo(k)fluoranthene
Concen: 40.602 ng
RT: 15.092 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB146609BS

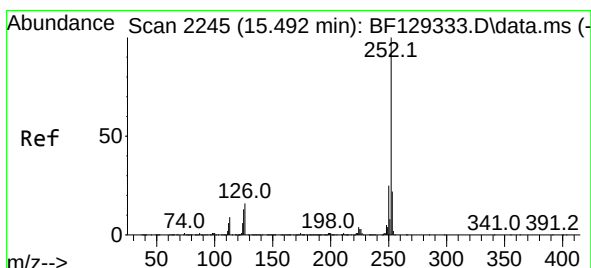
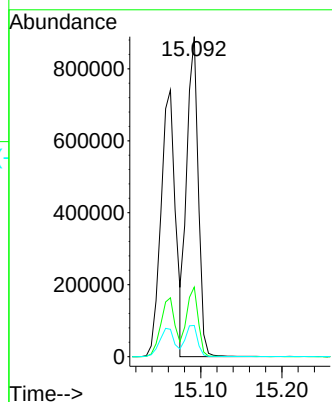
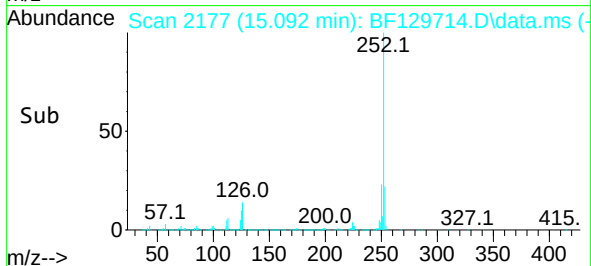


Tgt Ion:252 Resp: 875552
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 9.8 8.3 12.5

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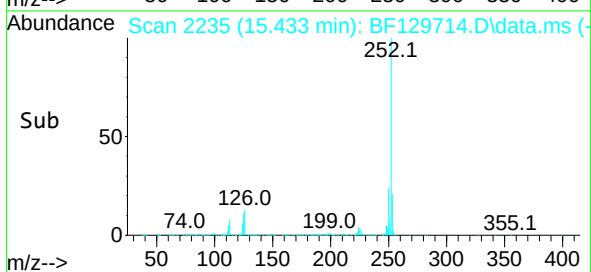
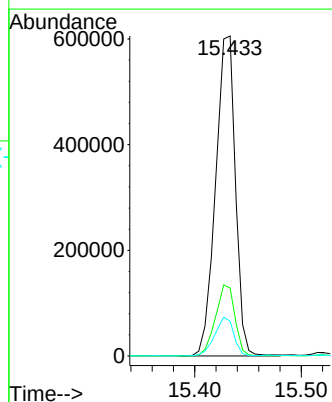
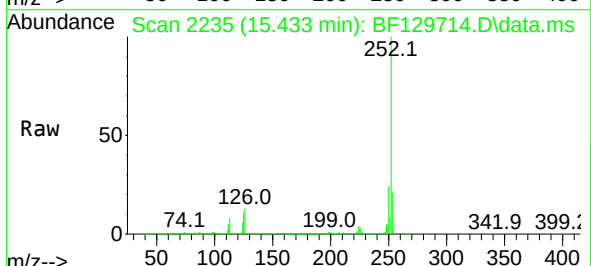
APPROVED

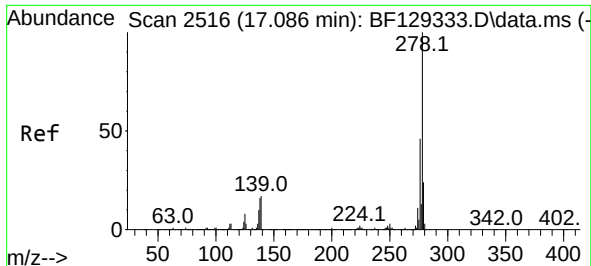
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#90
Benzo(a)pyrene
Concen: 43.766 ng
RT: 15.433 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

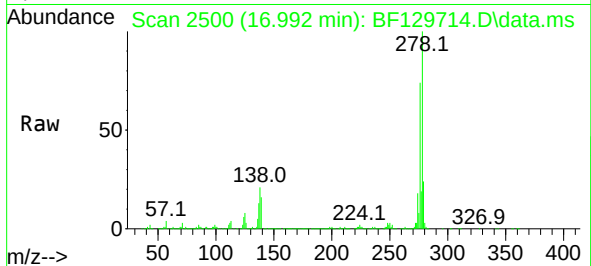
Tgt Ion:252 Resp: 781808
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.957 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

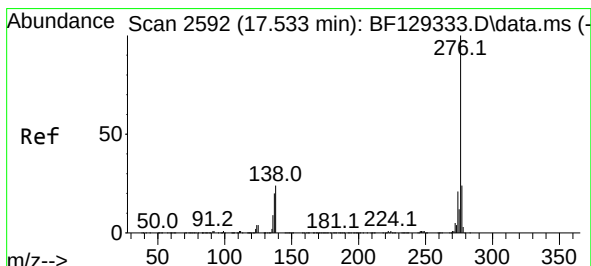
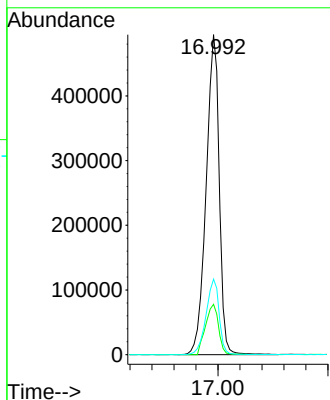
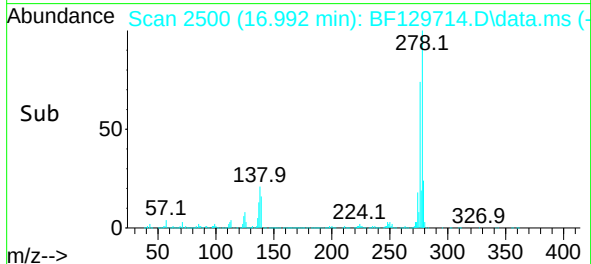
Instrument :
BNA_F
ClientSampleId :
PB146609BS



Tgt Ion: 278 Resp: 81742
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 23.6 18.6 28.0

Manual Integrations
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Reviewed By : Christian Giraldo 08/12/2022
Supervised By : Jagrut Upadhyay 08/12/2022



#92
Benzo(g,h,i)perylene
Concen: 44.171 ng
RT: 17.439 min Scan# 2576
Delta R.T. 0.006 min
Lab File: BF129714.D
Acq: 11 Aug 2022 13:52

Tgt Ion: 276 Resp: 820665
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 21.0 18.0 27.0

