

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129417.D
 Acq On : 28 Jul 2022 19:44
 Operator : CG\JU
 Sample : N3895-18MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-56MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 02:09:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	212474	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	848853	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	438536	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	628768	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	348479	20.000	ng	0.00
86) Perylene-d12	15.551	264	370218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1574751	120.733	ng	0.02
7) Phenol-d6	6.528	99	2014953	122.904	ng	0.01
23) Nitrobenzene-d5	7.451	82	1299063	83.541	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	489045	115.992	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2256059	79.583	ng	0.00
79) Terphenyl-d14	13.004	244	1712384	92.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	241125	40.973	ng	90
3) Pyridine	3.534	79	625754	38.289	ng	92
4) n-Nitrosodimethylamine	3.487	42	340967	47.512	ng	94
6) Aniline	6.551	93	748607	36.730	ng	96
8) 2-Chlorophenol	6.675	128	718015	50.387	ng	97
9) Benzaldehyde	6.440	77	346598	31.131	ng	99
10) Phenol	6.540	94	848943m	48.626	ng	
11) bis(2-Chloroethyl)ether	6.622	93	684318	49.424	ng	94
12) 1,3-Dichlorobenzene	6.828	146	727010	47.570	ng	97
13) 1,4-Dichlorobenzene	6.904	146	730838	47.020	ng	99
14) 1,2-Dichlorobenzene	7.057	146	710397	49.724	ng	99
15) Benzyl Alcohol	7.034	79	625004	52.564	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	974140	46.805	ng	82
17) 2-Methylphenol	7.145	107	565867	47.867	ng	96
18) Hexachloroethane	7.392	117	284832	48.668	ng	# 88
19) n-Nitroso-di-n-propyla...	7.304	70	484352	48.801	ng	92
20) 3+4-Methylphenols	7.298	107	671841	44.697	ng	# 82
22) Acetophenone	7.298	105	945646	47.849	ng	# 92
24) Nitrobenzene	7.475	77	757462	47.304	ng	95
25) Isophorone	7.710	82	1382366	49.594	ng	99
26) 2-Nitrophenol	7.786	139	390890	49.483	ng	94
27) 2,4-Dimethylphenol	7.828	122	658215m	55.548	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	853640	52.793	ng	99
29) 2,4-Dichlorophenol	8.028	162	585047	47.836	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	588497	46.487	ng	98
31) Naphthalene	8.192	128	1973995	45.772	ng	100
32) Benzoic acid	7.957	122	333759	38.962	ng	97
33) 4-Chloroaniline	8.239	127	409902	23.150	ng	98
34) Hexachlorobutadiene	8.304	225	349345	48.547	ng	98
35) Caprolactam	8.628	113	187885m	47.252	ng	
36) 4-Chloro-3-methylphenol	8.733	107	626702	48.313	ng	94
37) 2-Methylnaphthalene	8.881	142	1304750	46.554	ng	100
38) 1-Methylnaphthalene	8.981	142	1236051	45.686	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	559683	48.605	ng	98
41) Hexachlorocyclopentadiene	9.033	237	524326	102.257	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	397076	47.477	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	410000	45.079	ng	# 95
46) 1,1'-Biphenyl	9.351	154	1550214	48.438	ng	98
47) 2-Chloronaphthalene	9.375	162	1217144	47.044	ng	99
48) 2-Nitroaniline	9.475	65	394703	45.879	ng	95
49) Acenaphthylene	9.792	152	1791887	45.580	ng	100
50) Dimethylphthalate	9.651	163	1448450	47.845	ng	100
51) 2,6-Dinitrotoluene	9.716	165	316963	46.779	ng	92
52) Acenaphthene	9.963	154	1239483m	48.272	ng	
53) 3-Nitroaniline	9.886	138	246530	30.812	ng	98
54) 2,4-Dinitrophenol	9.998	184	264860	76.570	ng	89
55) Dibenzofuran	10.139	168	1595022	45.062	ng	99
56) 4-Nitrophenol	10.063	139	435356	73.754	ng	98
57) 2,4-Dinitrotoluene	10.122	165	403606	45.597	ng	99
58) Fluorene	10.480	166	1245344	43.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	290523	41.334	ng	92
60) Diethylphthalate	10.351	149	1364730	46.633	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	581142	46.545	ng	91
62) 4-Nitroaniline	10.510	138	290249	36.568	ng	96
63) Azobenzene	10.627	77	1303187	43.659	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	176407	44.450	ng	88
66) n-Nitrosodiphenylamine	10.592	169	1080657	51.609	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	362573	52.660	ng	91
68) Hexachlorobenzene	11.027	284	384628	51.557	ng	97
69) Atrazine	11.116	200	328830	51.701	ng	95
70) Pentachlorophenol	11.227	266	335835	82.806	ng	98
71) Phenanthrene	11.445	178	1577533	45.962	ng	100
72) Anthracene	11.498	178	1580758	46.866	ng	99
73) Carbazole	11.651	167	1379592	43.450	ng	99
74) Di-n-butylphthalate	11.974	149	1854522	49.046	ng	99
75) Fluoranthene	12.633	202	1379556	39.669	ng	99
77) Benzidine	12.757	184	321261	26.096	ng	100
78) Pyrene	12.863	202	1363462	46.789	ng	99
80) Butylbenzylphthalate	13.474	149	624549	49.411	ng	96
81) Benzo(a)anthracene	14.051	228	1115080	46.843	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	292641	37.234	ng	98
83) Chrysene	14.092	228	1042465	46.466	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	869581	52.257	ng	100
85) Di-n-octyl phthalate	14.645	149	1388468	57.983	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1077653	43.226	ng	99
88) Benzo(b)fluoranthene	15.115	252	1157731	47.143	ng	99
89) Benzo(k)fluoranthene	15.145	252	1125968	46.787	ng	99
90) Benzo(a)pyrene	15.492	252	1015738	50.952	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	932689	45.965	ng	99
92) Benzo(g,h,i)perylene	17.539	276	891656	43.004	ng	100

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

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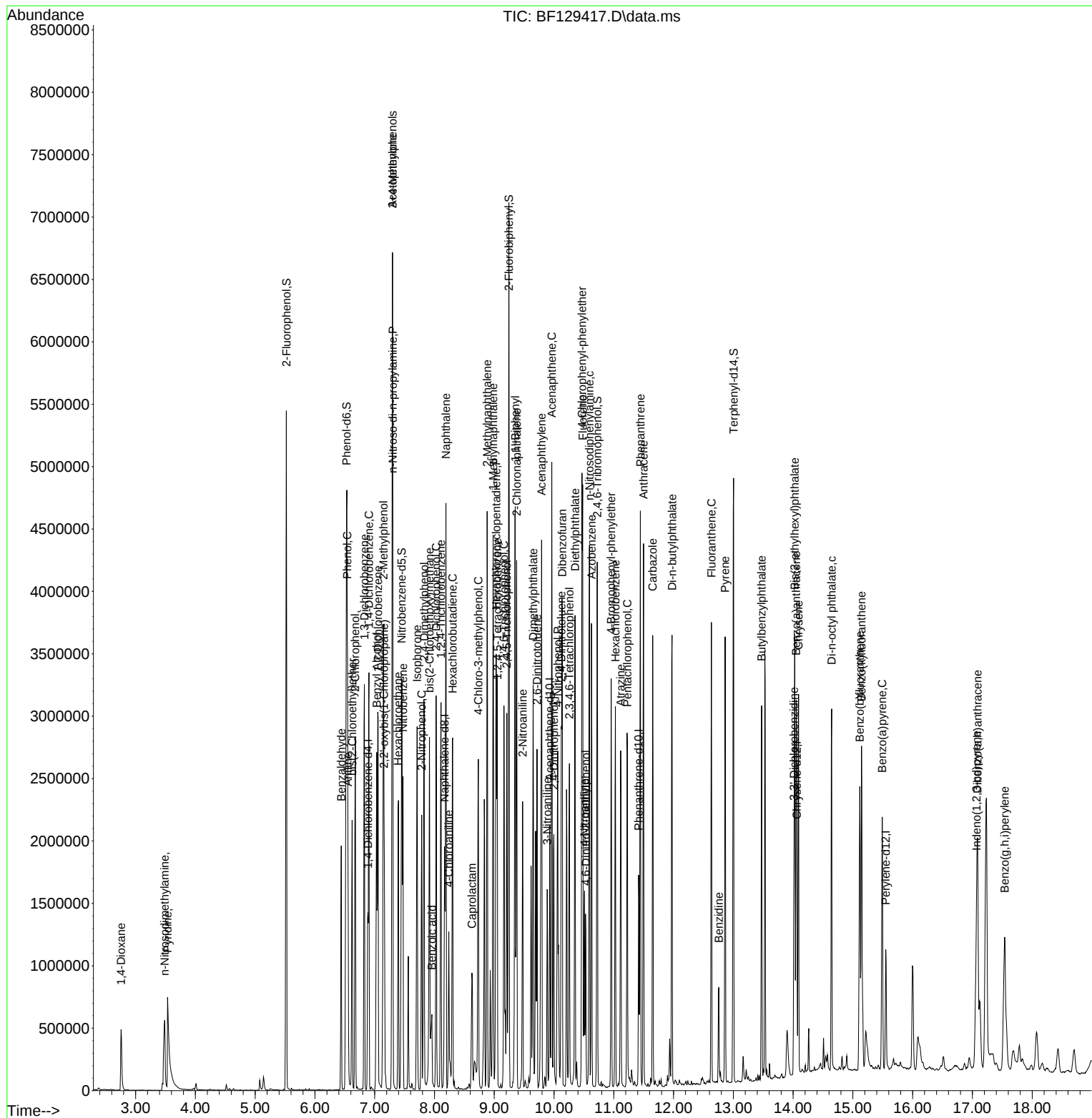
Response via : Initial Calibration

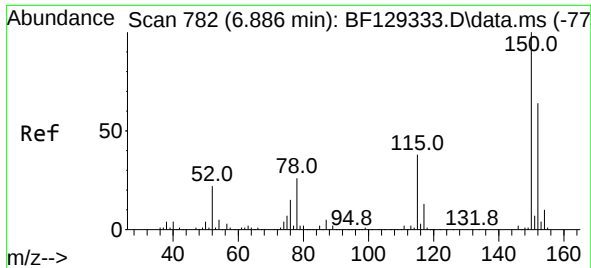
Manual Integrations

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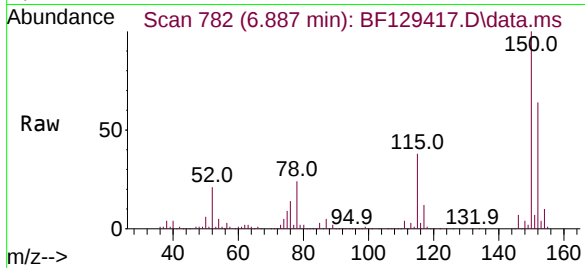
Supervised By : Jagrut Upadhyay 07/29/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 782
 Delta R.T. 0.001 min
 Lab File: BF129417.D
 Acq: 28 Jul 2022 19:44

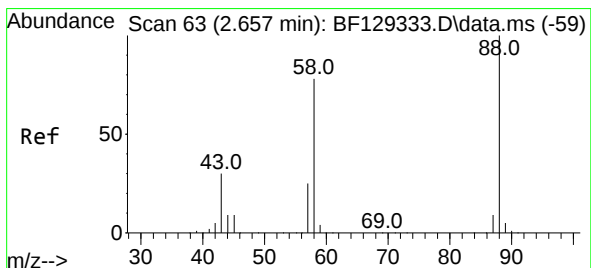
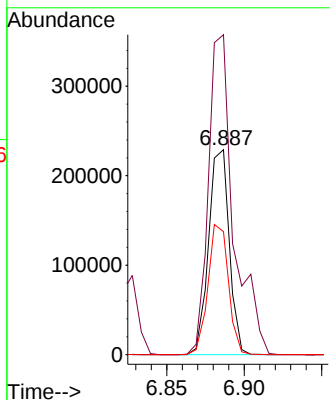
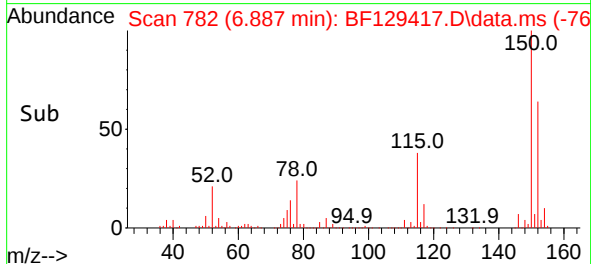
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 RVE-56MSD



Tgt Ion:152 Resp: 212474
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 60.0 49.9 74.9

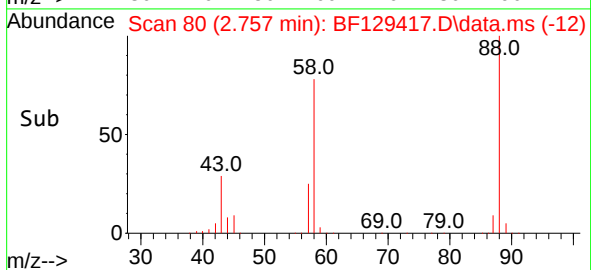
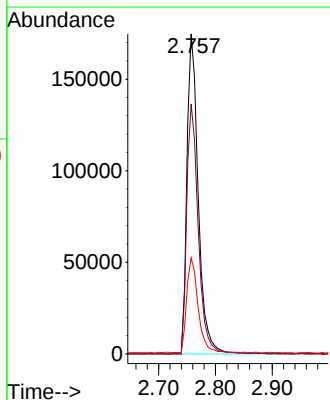
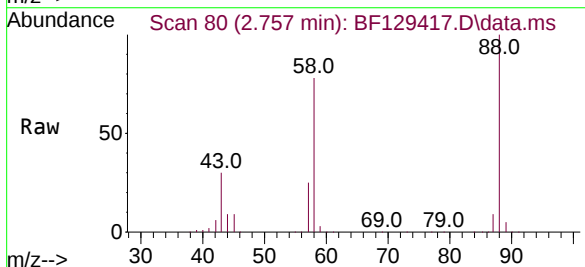
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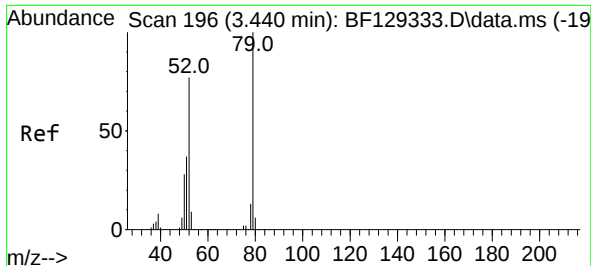
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#2
 1,4-Dioxane
 Concen: 40.973 ng
 RT: 2.757 min Scan# 80
 Delta R.T. 0.100 min
 Lab File: BF129417.D
 Acq: 28 Jul 2022 19:44

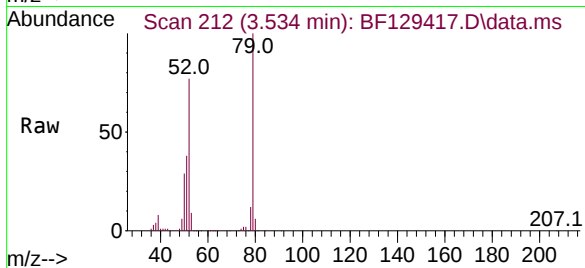
Tgt Ion: 88 Resp: 241125
 Ion Ratio Lower Upper
 88 100
 58 79.6 71.8 107.8
 43 29.6 26.6 39.8





#3
Pyridine
Concen: 38.289 ng
RT: 3.534 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

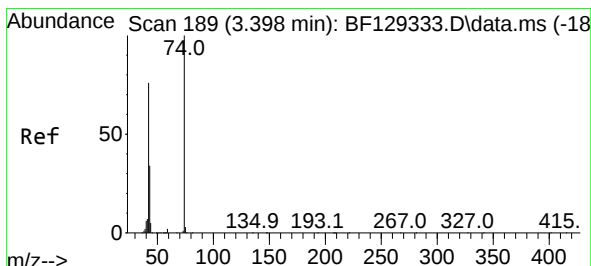
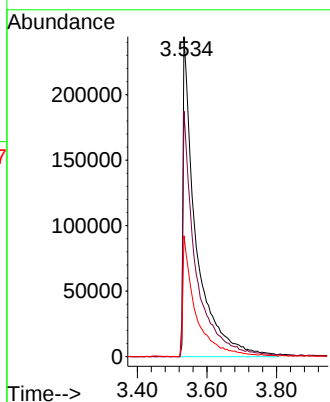
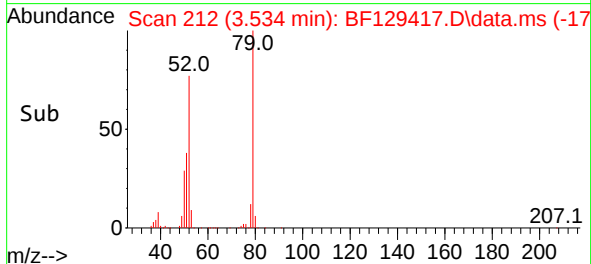
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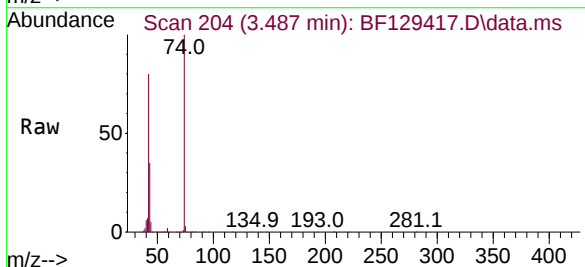
Tgt Ion: 79 Resp: 625754
Ion Ratio Lower Upper
79 100
52 76.7 68.6 102.8
51 37.8 32.9 49.3

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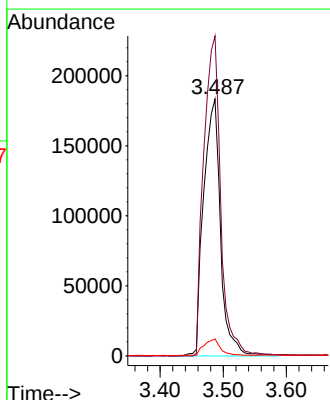
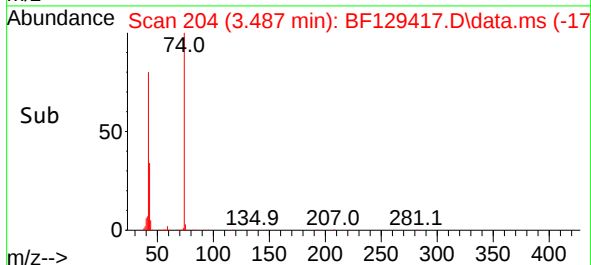
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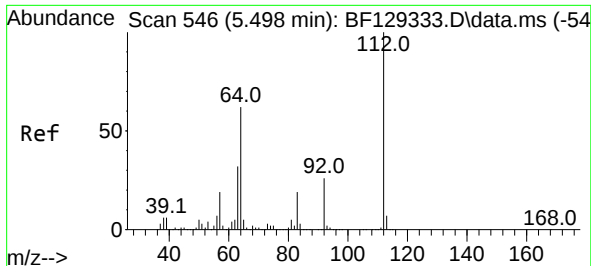


#4
n-Nitrosodimethylamine
Concen: 47.512 ng
RT: 3.487 min Scan# 204
Delta R.T. 0.088 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion: 42 Resp: 340967
Ion Ratio Lower Upper
42 100
74 124.7 94.8 142.2
44 6.7 6.6 10.0





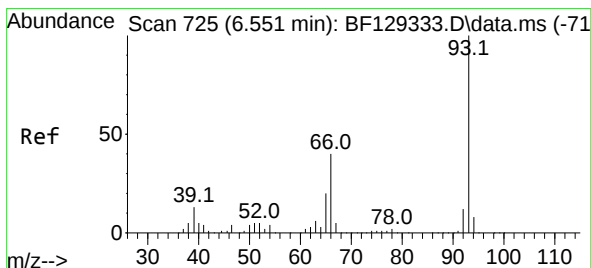
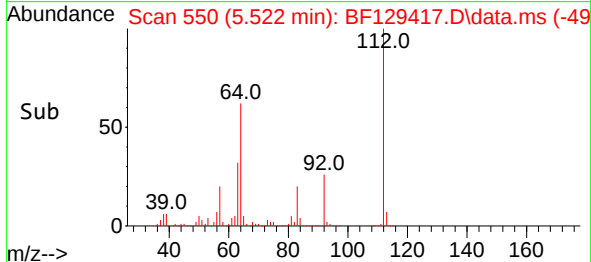
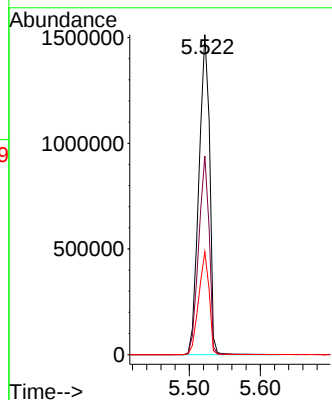
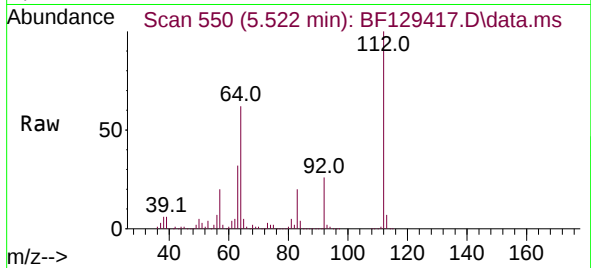
#5
2-Fluorophenol
Concen: 120.733 ng
RT: 5.522 min Scan# 546
Delta R.T. 0.024 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

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ClientSampleId :
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Tgt Ion:112 Resp: 157475
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.1 28.0 42.0

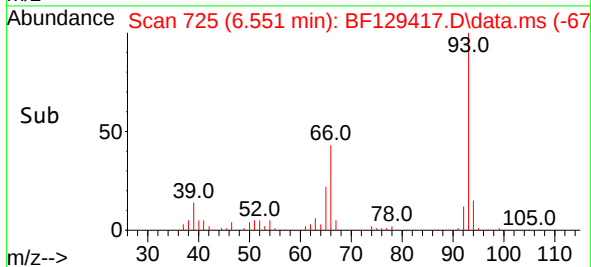
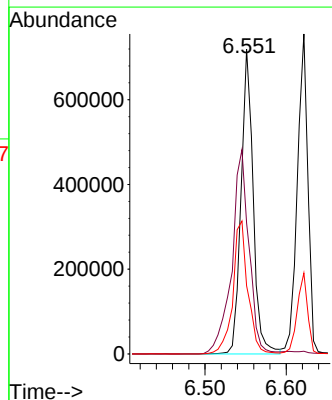
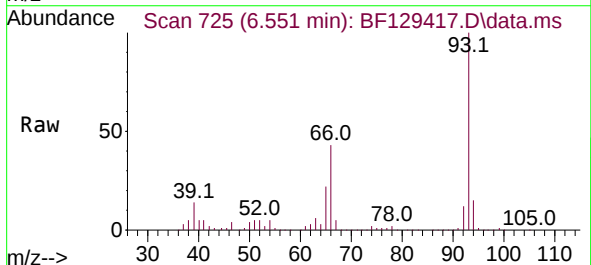
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#6
Aniline
Concen: 36.730 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

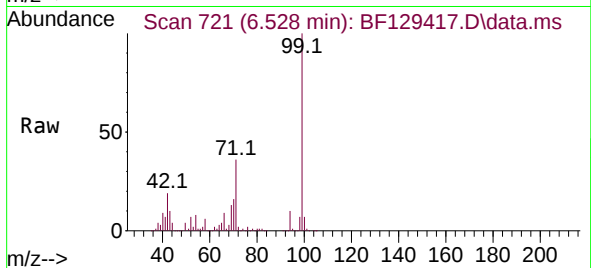
Tgt Ion: 93 Resp: 748607
Ion Ratio Lower Upper
93 100
66 42.9 32.5 48.7
65 22.3 16.4 24.6





#7
Phenol-d6
Concen: 122.904 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

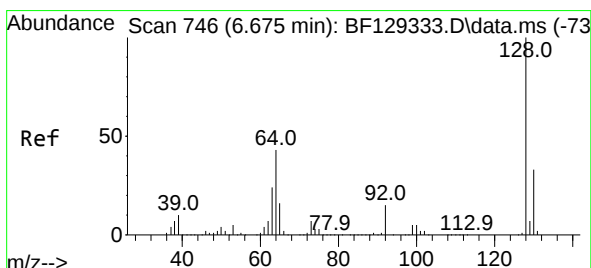
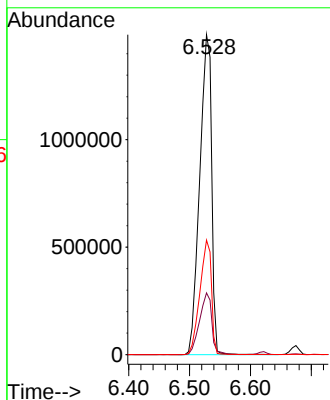
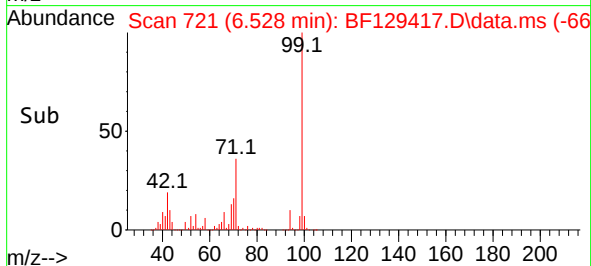
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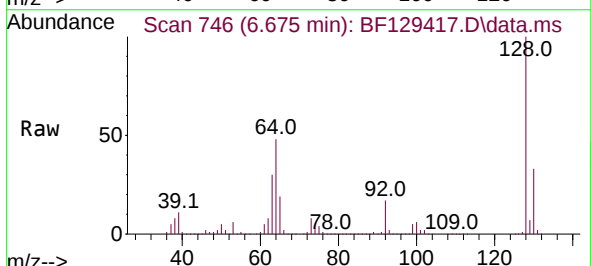
Tgt Ion: 99 Resp: 201495
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 35.8 28.9 43.3

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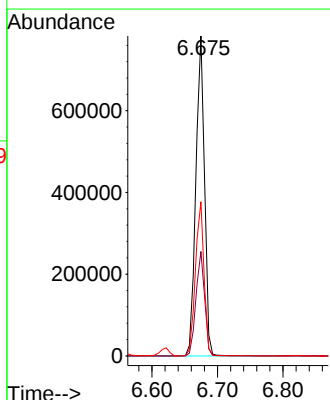
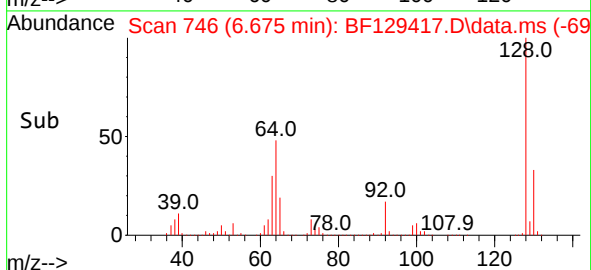
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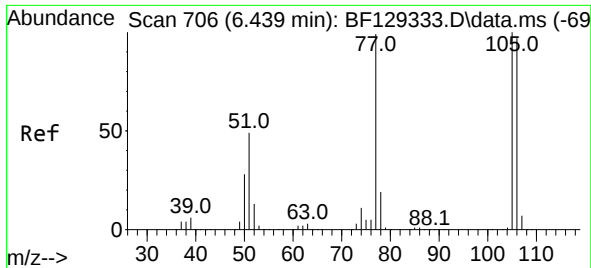


#8
2-Chlorophenol
Concen: 50.387 ng
RT: 6.675 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF129417.D
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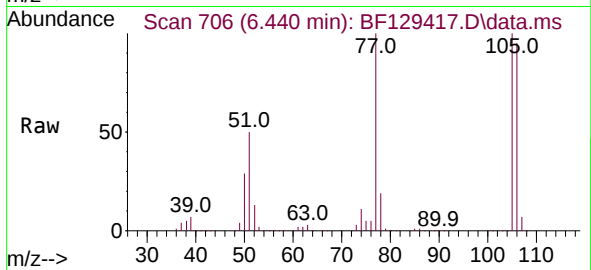
Tgt Ion:128 Resp: 718015
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 48.2 30.9 70.9





#9
Benzaldehyde
Concen: 31.131 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF129417.D
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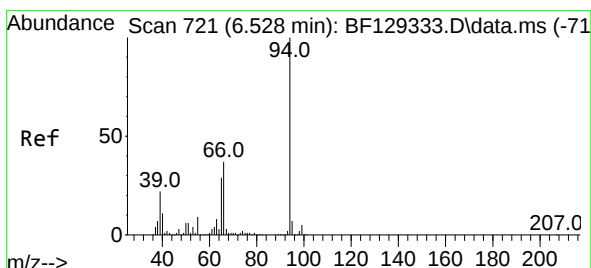
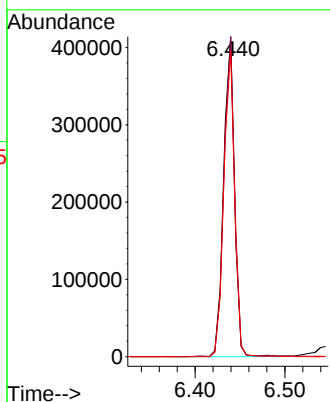
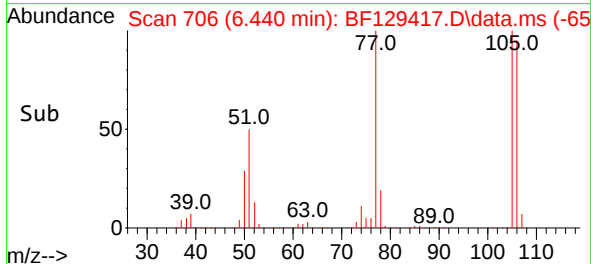
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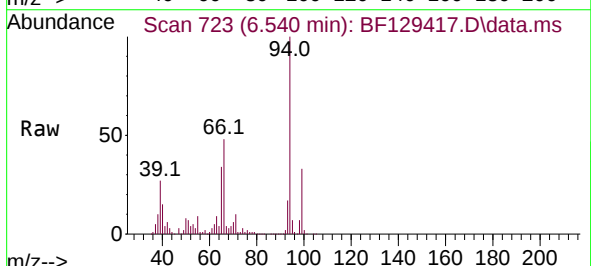
Tgt Ion: 77 Resp: 346598
Ion Ratio Lower Upper
77 100
105 100.0 81.6 121.6
106 95.5 76.1 116.1

Manual Integrations
APPROVED

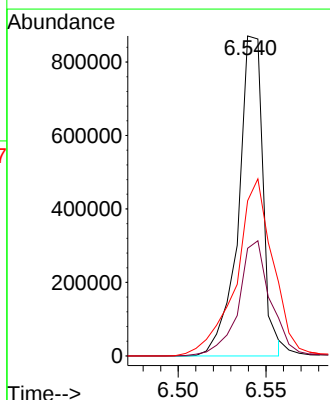
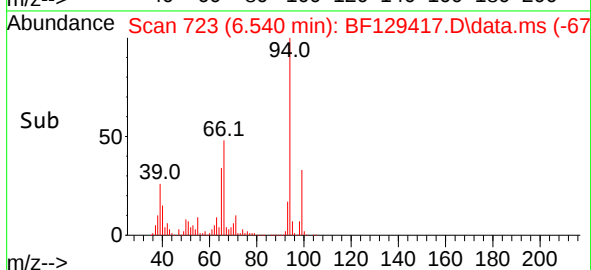
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

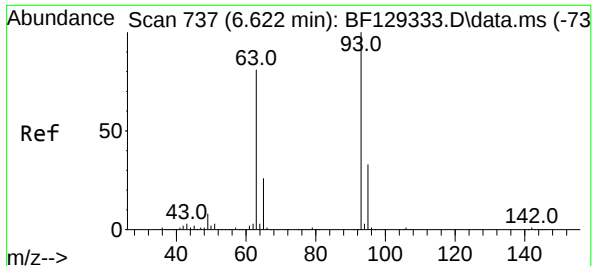


#10
Phenol
Concen: 48.626 ng m
RT: 6.540 min Scan# 723
Delta R.T. 0.012 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion: 94 Resp: 848943
Ion Ratio Lower Upper
94 100
65 33.6 11.4 51.4
66 48.5 21.4 61.4





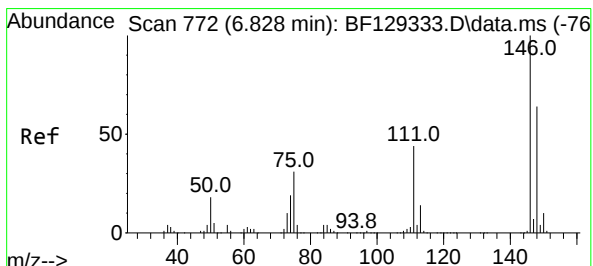
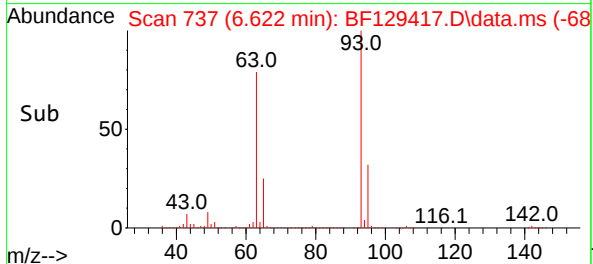
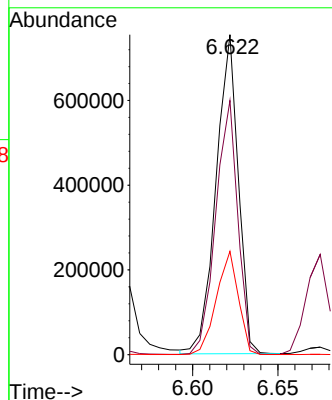
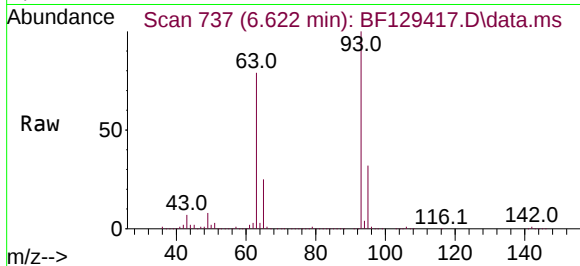
#11
bis(2-Chloroethyl)ether
Concen: 49.424 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Tgt Ion: 93 Resp: 684318
Ion Ratio Lower Upper
93 100
63 79.5 67.4 107.4
95 32.3 12.7 52.7

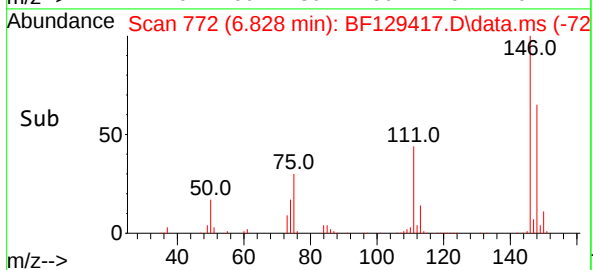
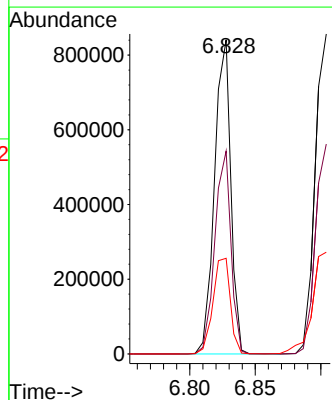
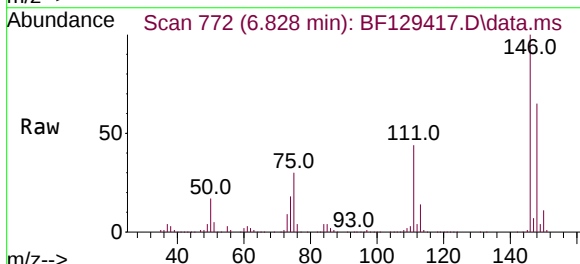
Manual Integrations
APPROVED

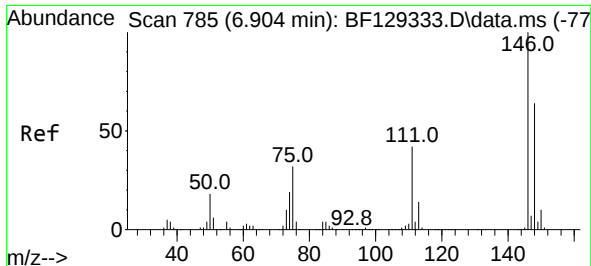
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#12
1,3-Dichlorobenzene
Concen: 47.570 ng
RT: 6.828 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

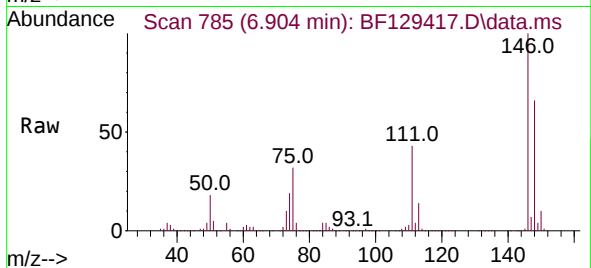
Tgt Ion:146 Resp: 727010
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 30.4 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 47.020 ng
RT: 6.904 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

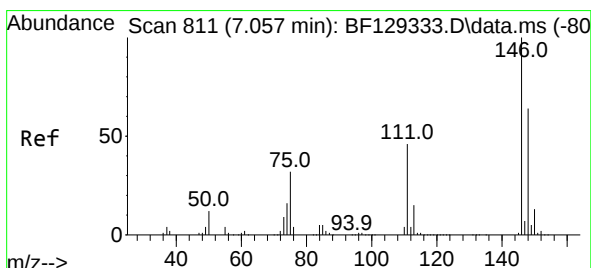
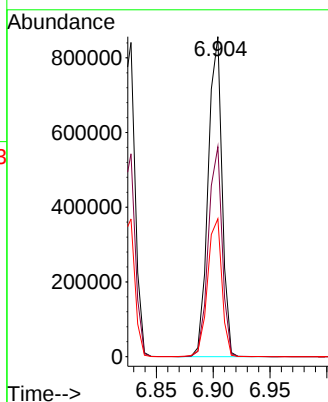
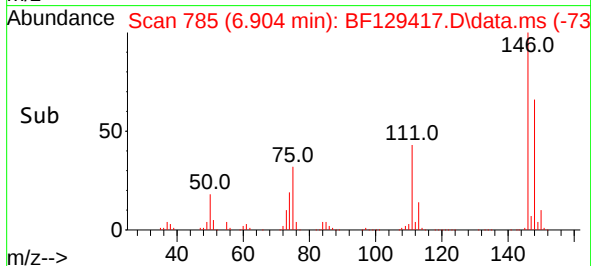
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



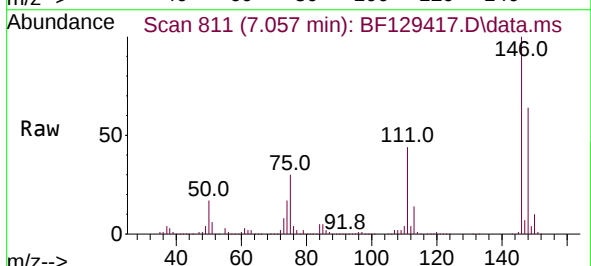
Tgt Ion:146 Resp: 730838
Ion Ratio Lower Upper
146 100
148 65.6 51.1 76.7
111 43.1 34.2 51.4

Manual Integrations
APPROVED

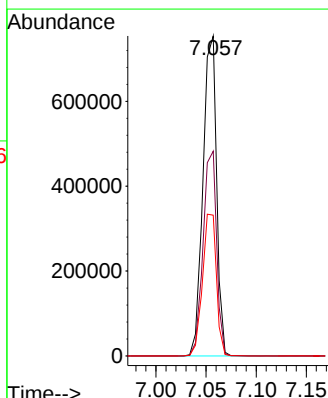
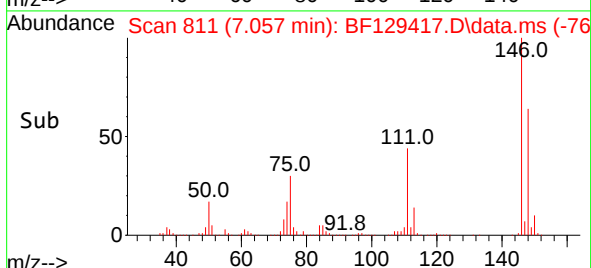
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

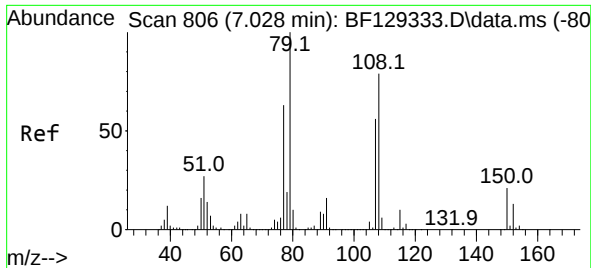


#14
1,2-Dichlorobenzene
Concen: 49.724 ng
RT: 7.057 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion:146 Resp: 710397
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 44.0 35.1 52.7





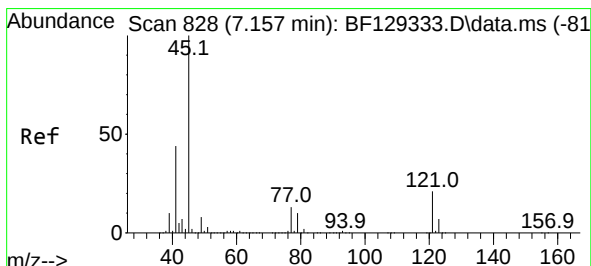
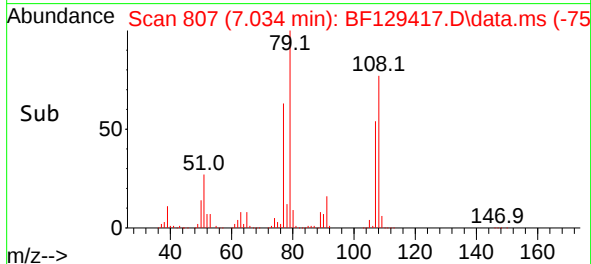
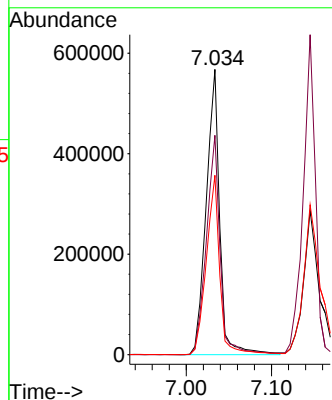
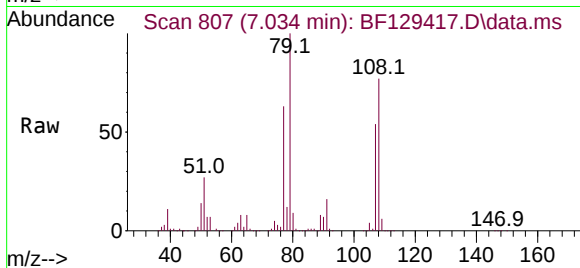
#15
Benzyl Alcohol
Concen: 52.564 ng
RT: 7.034 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Tgt Ion: 79 Resp: 625004
Ion Ratio Lower Upper
79 100
108 76.9 61.8 92.6
77 62.9 50.2 75.4

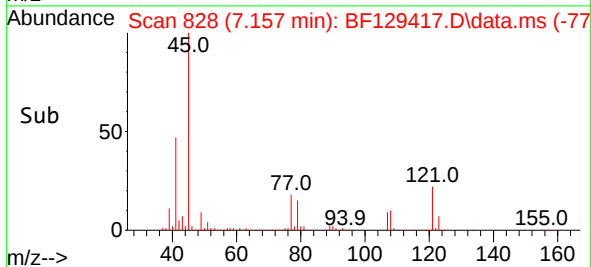
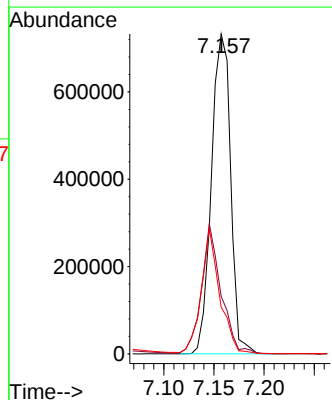
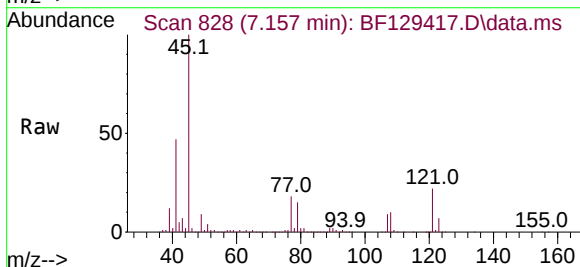
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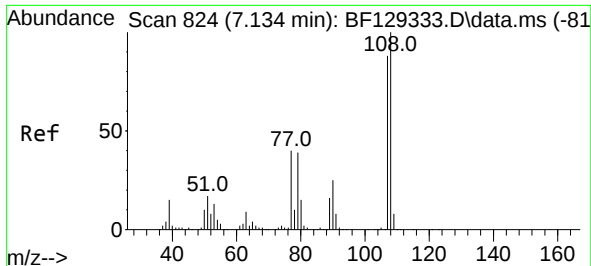
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.805 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

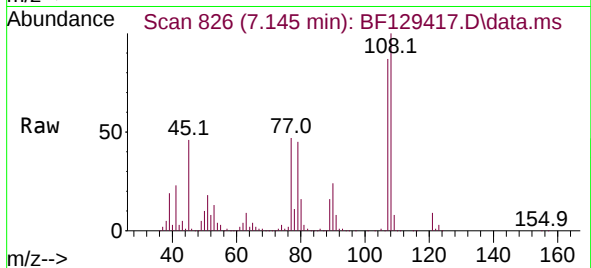
Tgt Ion: 45 Resp: 974140
Ion Ratio Lower Upper
45 100
77 18.0 0.0 31.3
79 14.6 0.0 28.3





#17
2-Methylphenol
Concen: 47.867 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

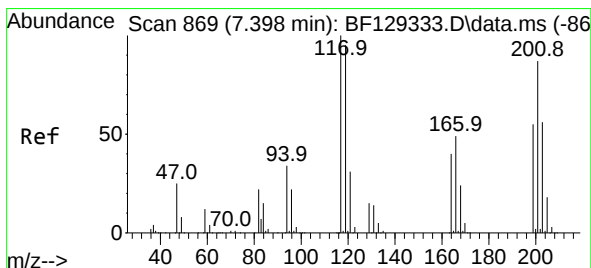
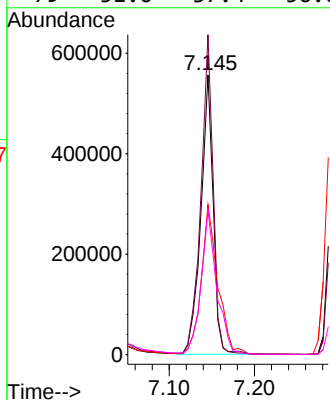
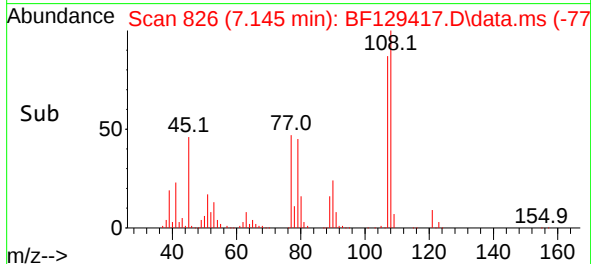
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:107 Resp: 56586
Ion Ratio Lower Upper
107 100
108 114.5 91.9 137.9
77 53.6 37.8 56.8
79 51.6 37.4 56.0

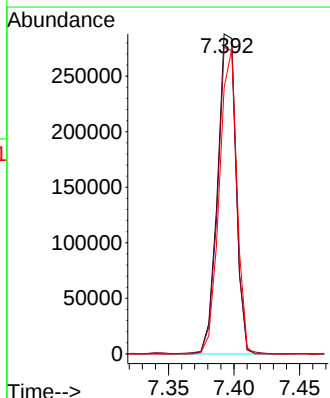
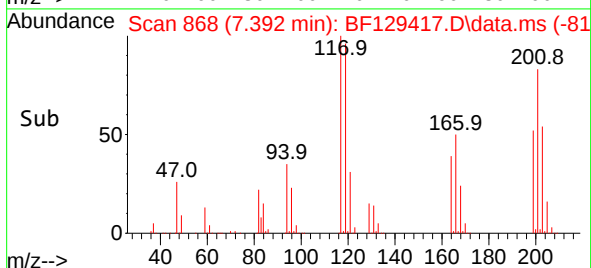
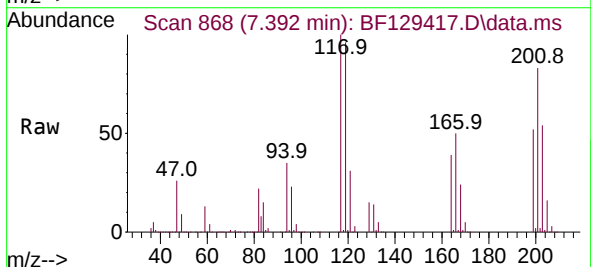
Manual Integrations
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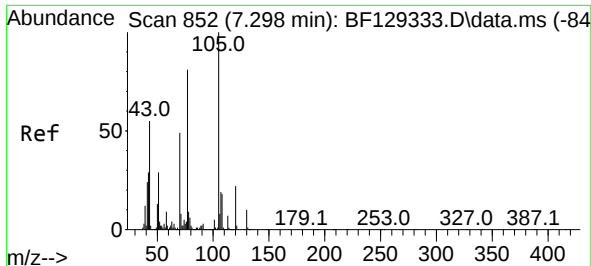
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#18
Hexachloroethane
Concen: 48.668 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Tgt Ion:117 Resp: 284832
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.2
201 83.2 84.6 127.0#





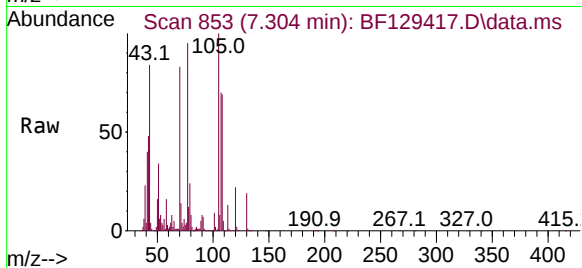
#19
n-Nitroso-di-n-propylamine
Concen: 48.801 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

ClientSampleId :

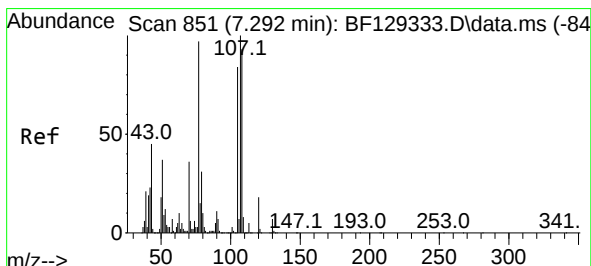
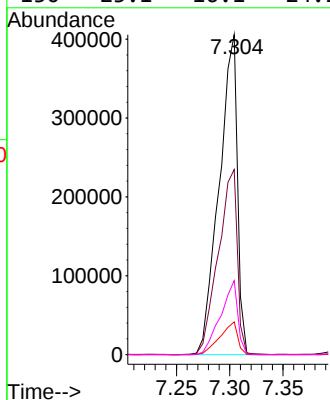
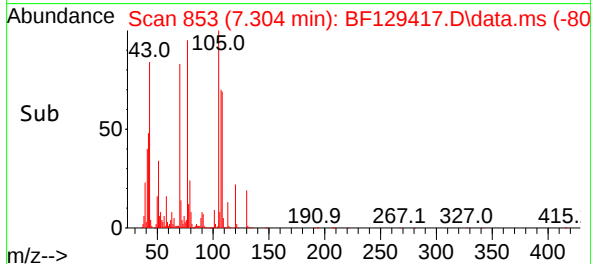
RVE-56MSD



Tgt Ion: 70 Resp: 484352
Ion Ratio Lower Upper
70 100
42 57.8 52.3 78.5
101 10.2 7.5 11.3
130 23.1 16.1 24.1

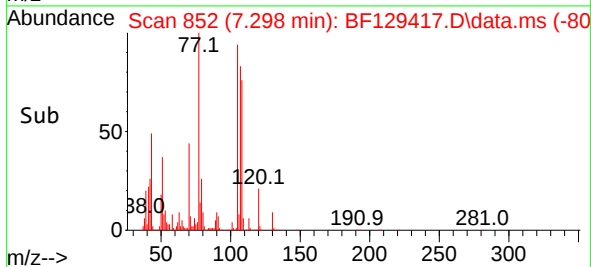
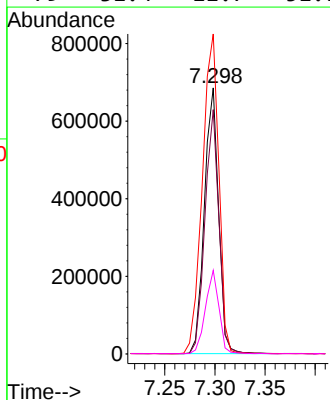
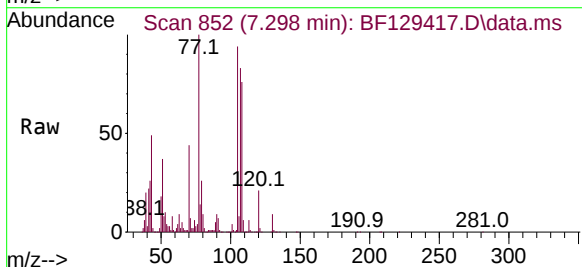
Manual Integrations
APPROVED

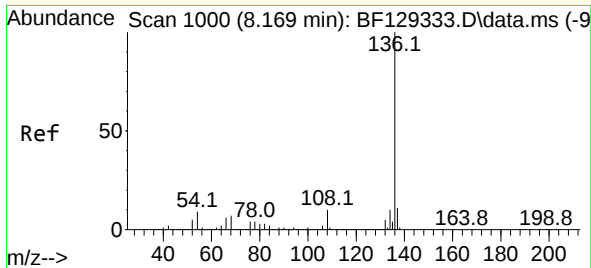
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#20
3+4-Methylphenols
Concen: 44.697 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

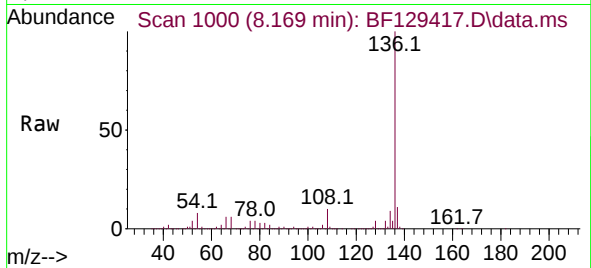
Tgt Ion:107 Resp: 671841
Ion Ratio Lower Upper
107 100
108 91.8 71.8 111.8
77 120.3 59.3 99.3#
79 31.4 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

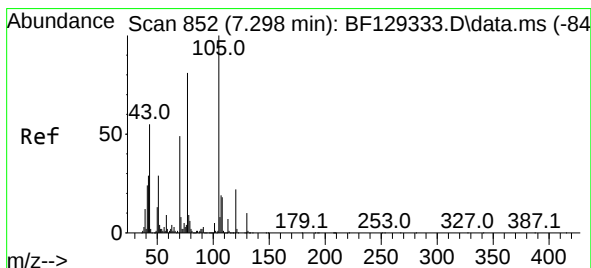
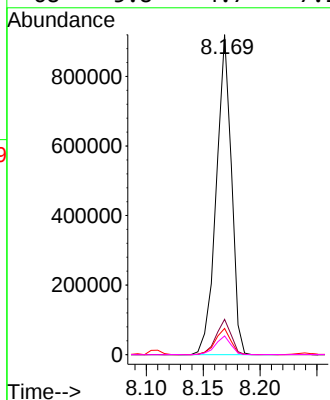
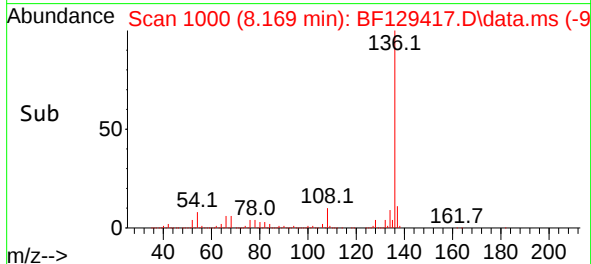
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:136 Resp: 848853
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.5 11.3
68 5.8 4.7 7.1

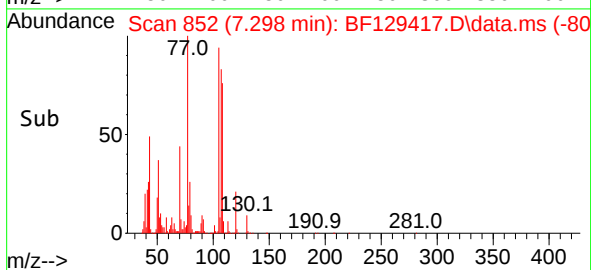
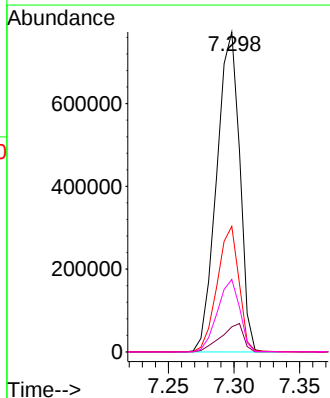
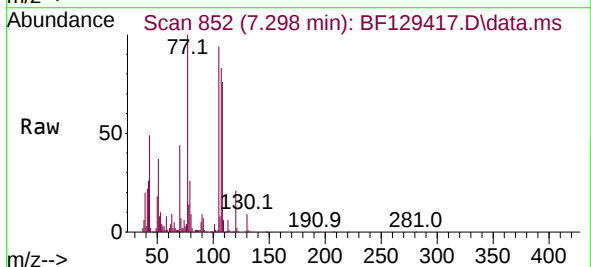
Manual Integrations
APPROVED

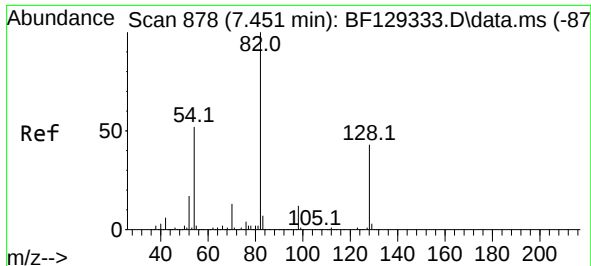
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#22
Acetophenone
Concen: 47.849 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Tgt Ion:105 Resp: 945646
Ion Ratio Lower Upper
105 100
71 7.8 5.0 7.4#
51 39.2 25.0 37.4#
120 22.6 17.8 26.8





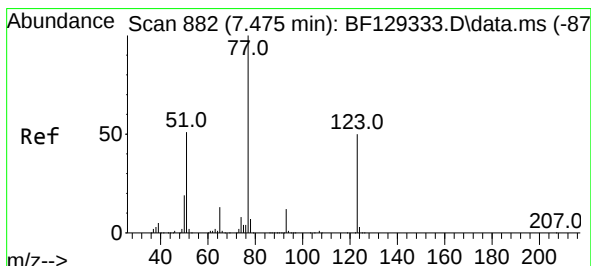
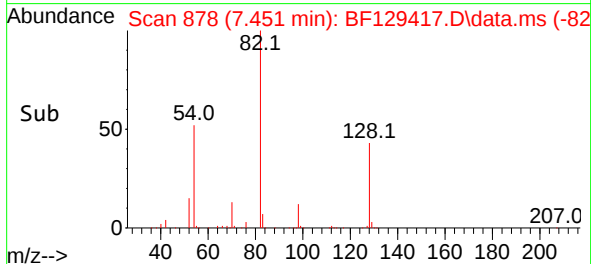
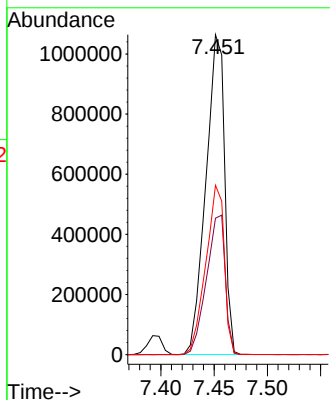
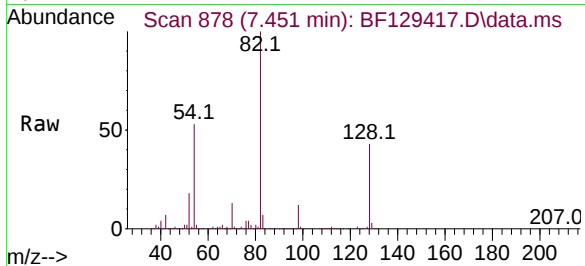
#23
Nitrobenzene-d5
Concen: 83.541 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Tgt Ion: 82 Resp: 1299063
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 52.9 46.9 70.3

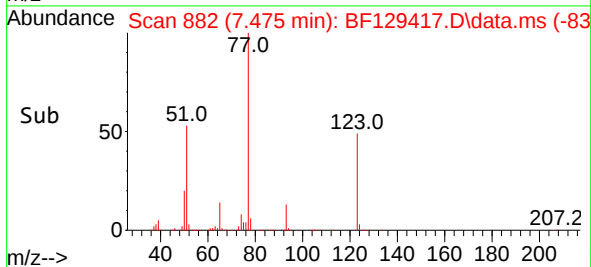
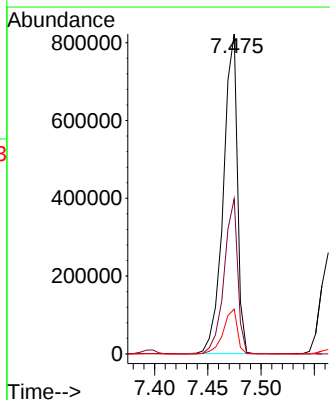
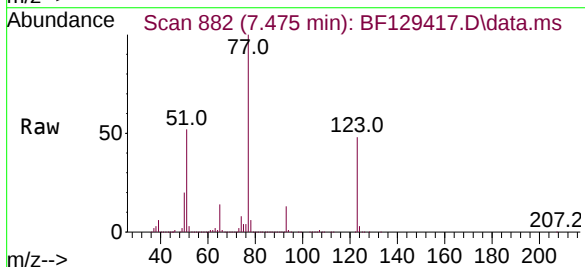
Manual Integrations
APPROVED

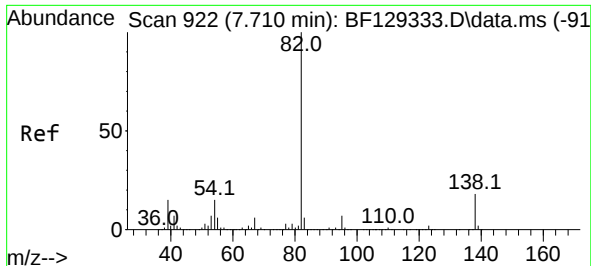
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#24
Nitrobenzene
Concen: 47.304 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

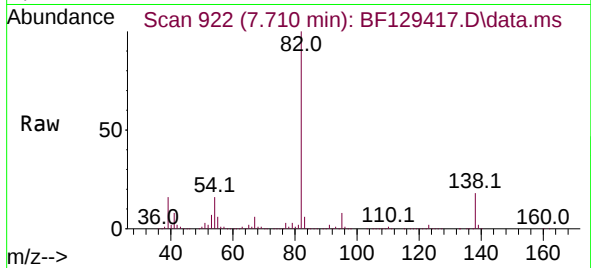
Tgt Ion: 77 Resp: 757462
Ion Ratio Lower Upper
77 100
123 48.5 35.4 53.2
65 14.0 11.8 17.8





#25
Isophorone
Concen: 49.594 ng
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

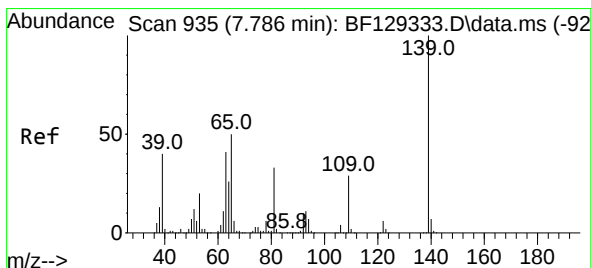
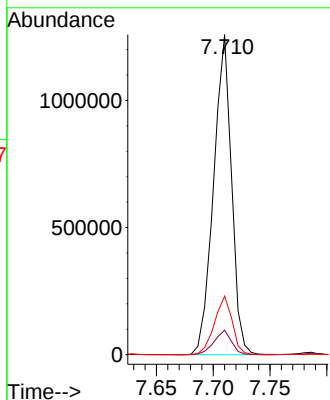
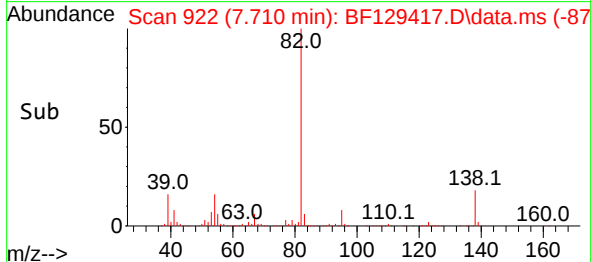
Instrument :
BNA_F
Client SampleId :
RVE-56MSD



Tgt Ion: 82 Resp: 1382366
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 18.3 14.2 21.2

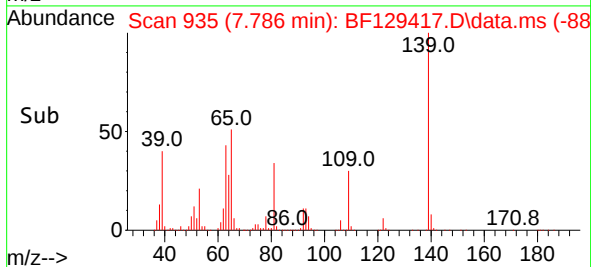
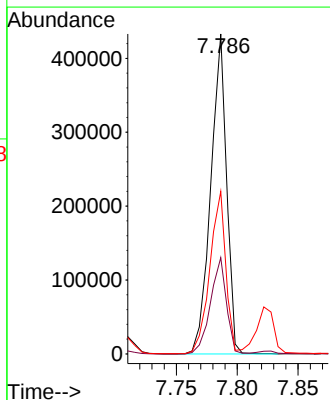
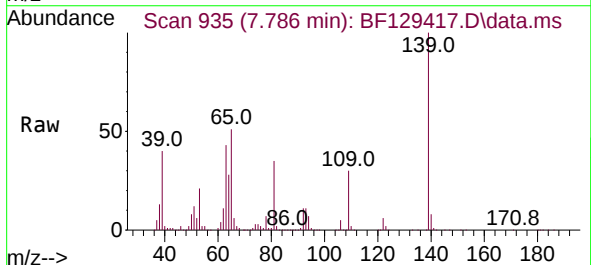
Manual Integrations
APPROVED

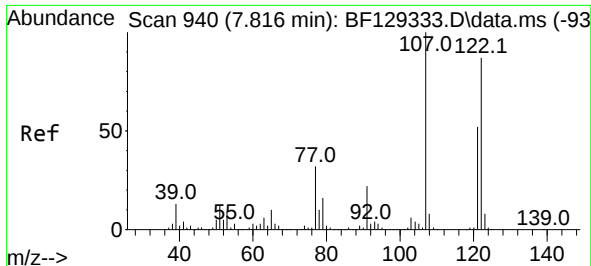
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#26
2-Nitrophenol
Concen: 49.483 ng
RT: 7.786 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Tgt Ion:139 Resp: 390890
Ion Ratio Lower Upper
139 100
109 30.1 25.0 37.4
65 50.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 55.548 ng m

RT: 7.828 min Scan# 94

Delta R.T. 0.012 min

Lab File: BF129417.D

Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

ClientSampleId :

RVE-56MSD

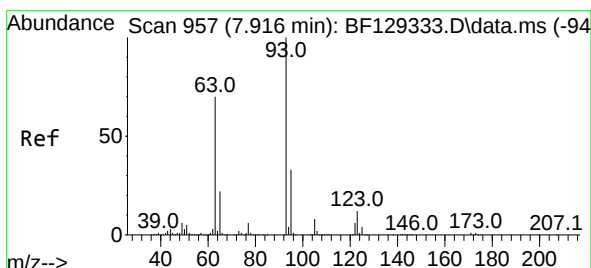
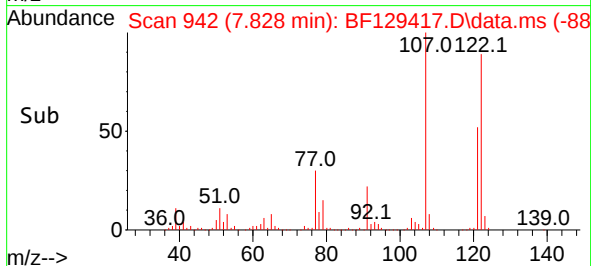
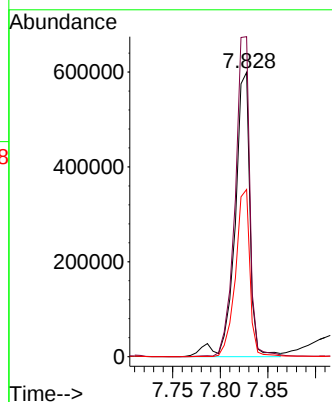
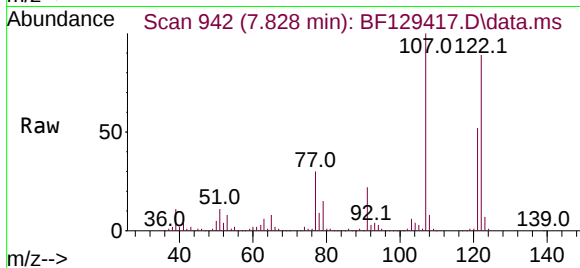
Tgt Ion:122 Resp: 658215

Ion	Ratio	Lower	Upper
122	100		
107	112.6	93.0	139.6
121	58.8	46.6	70.0

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 52.793 ng

RT: 7.916 min Scan# 957

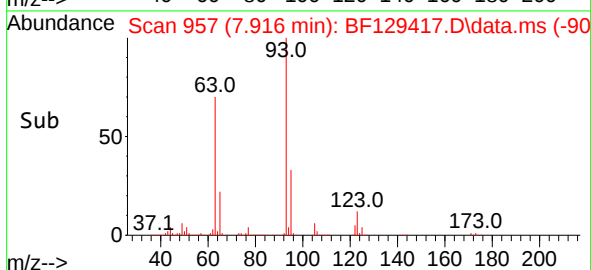
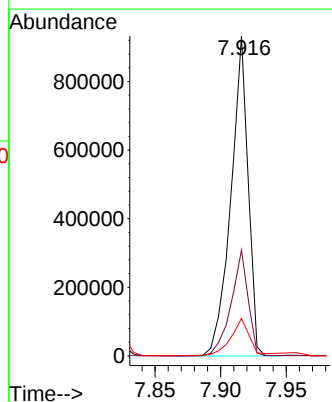
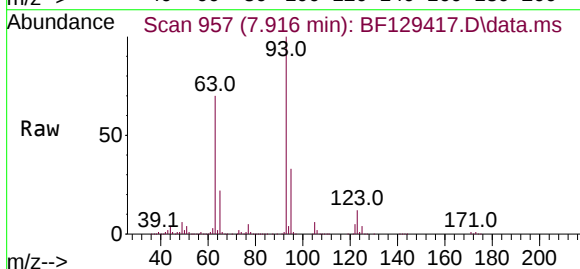
Delta R.T. 0.000 min

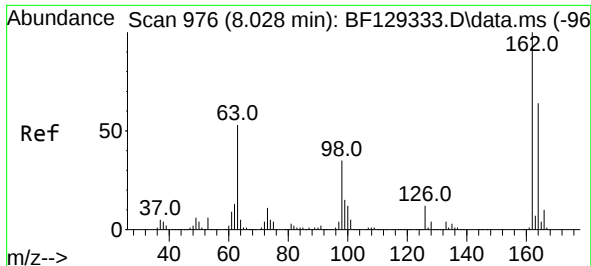
Lab File: BF129417.D

Acq: 28 Jul 2022 19:44

Tgt Ion: 93 Resp: 853640

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	11.7	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 47.836 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129417.D

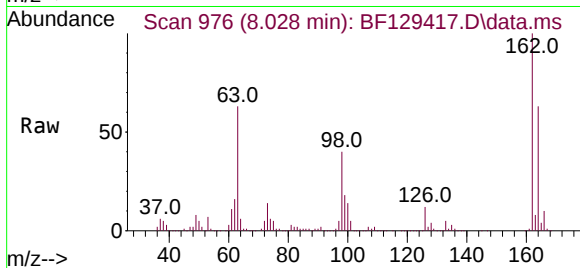
Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

ClientSampleId :

RVE-56MSD



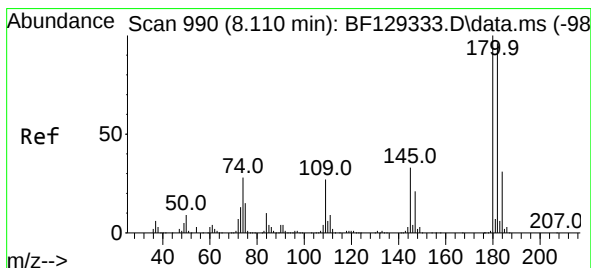
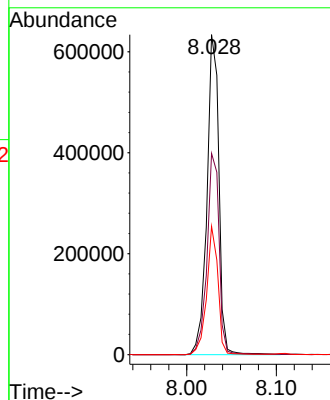
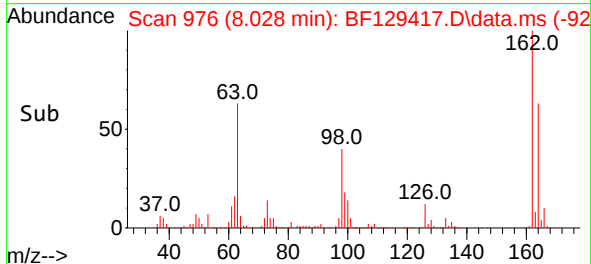
Tgt Ion:	162	Resp:	58504
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.2	84.2
98	40.1	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.487 ng

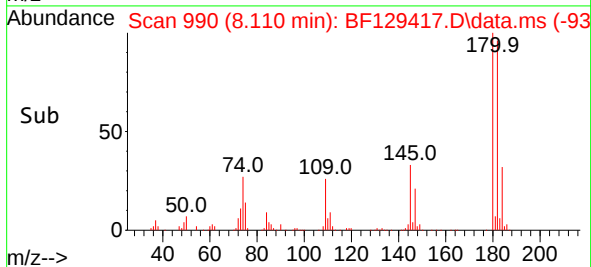
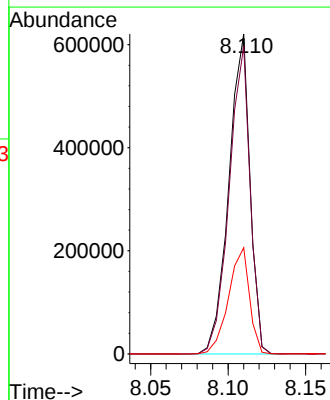
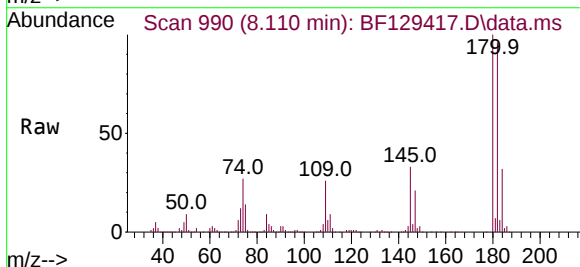
RT: 8.110 min Scan# 990

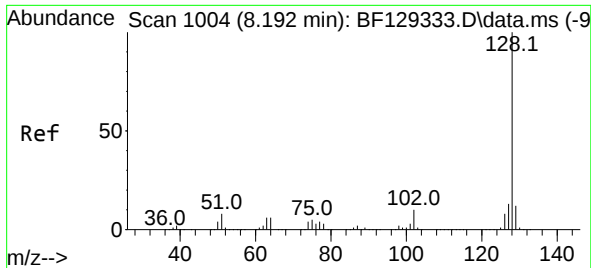
Delta R.T. 0.000 min

Lab File: BF129417.D

Acq: 28 Jul 2022 19:44

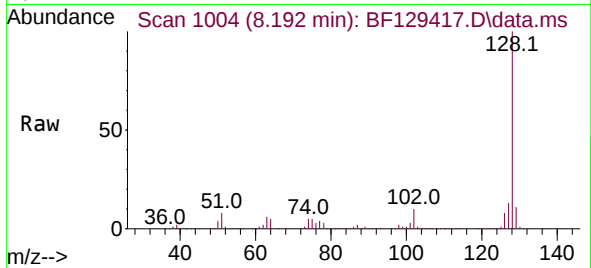
Tgt Ion:	180	Resp:	588497
Ion Ratio	Lower	Upper	
180	100		
182	96.1	79.2	118.8
145	33.2	26.2	39.2





#31
Naphthalene
Concen: 45.772 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

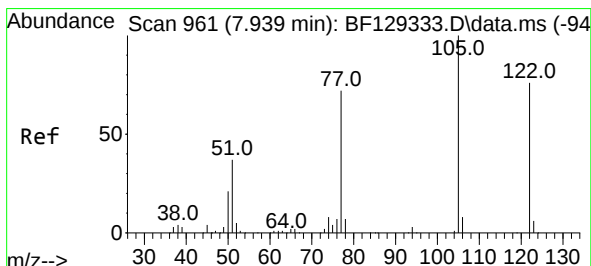
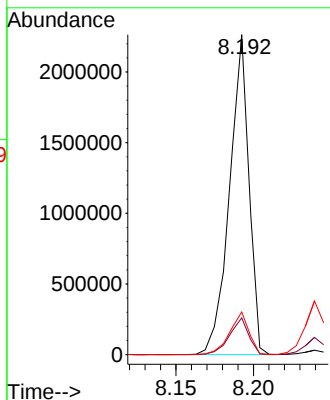
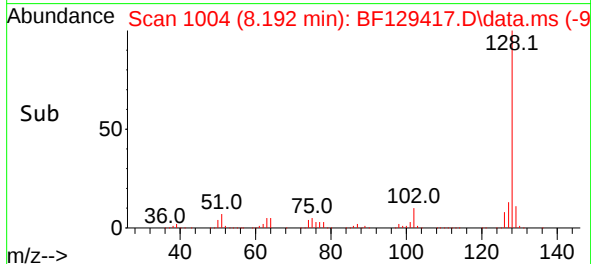
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



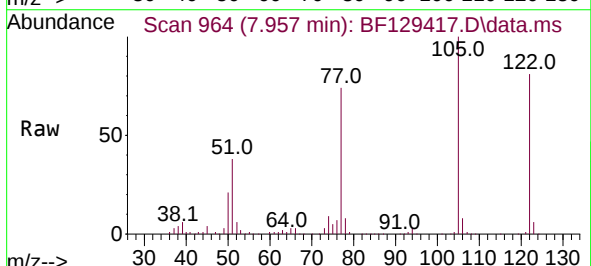
Tgt Ion:128 Resp: 1973995
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.5 15.7

Manual Integrations
APPROVED

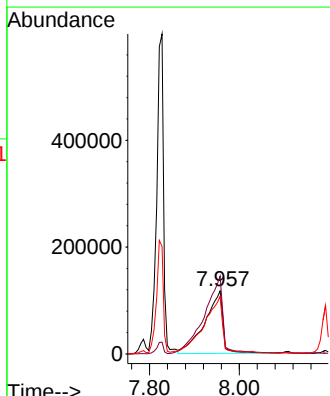
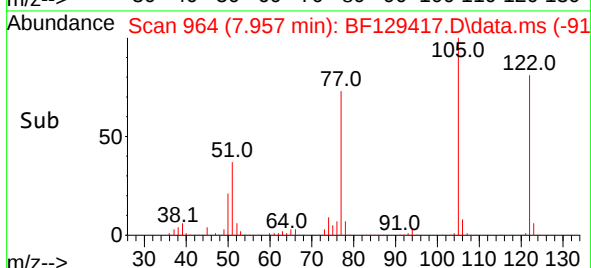
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

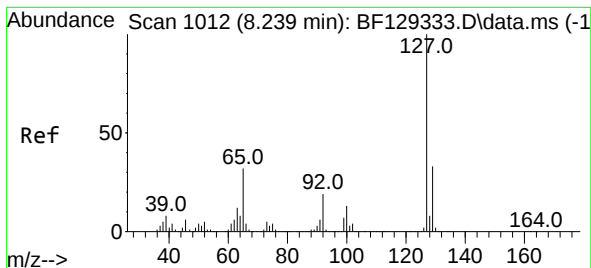


#32
Benzoic acid
Concen: 38.962 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.018 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion:122 Resp: 333759
Ion Ratio Lower Upper
122 100
105 123.6 107.1 147.1
77 91.5 74.2 114.2





#33
4-Chloroaniline
Concen: 23.150 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

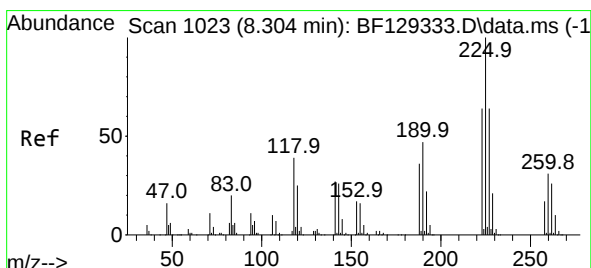
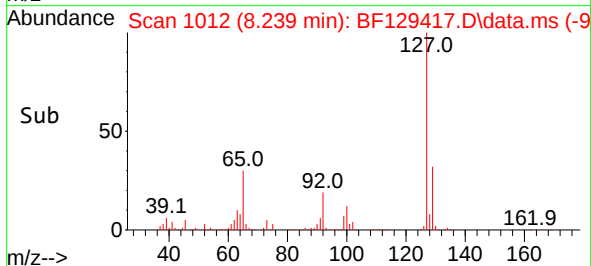
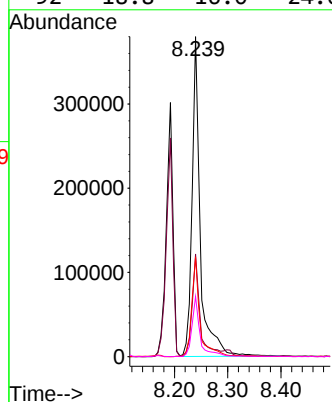
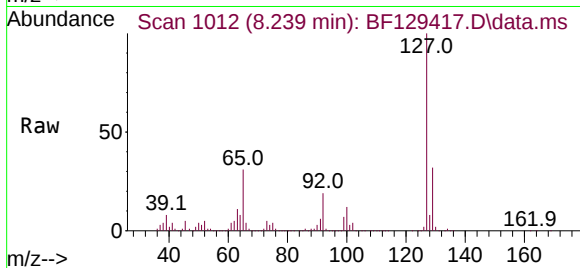
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Tgt Ion:127 Resp: 409902

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	31.2	26.4	39.6
92	18.8	16.0	24.0

Manual Integrations
APPROVED

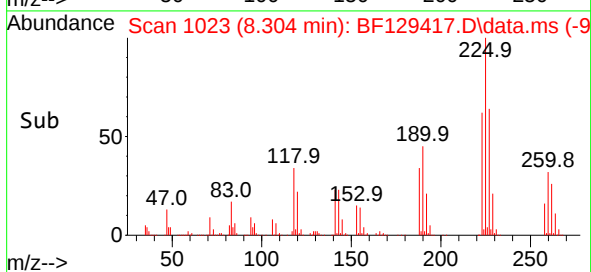
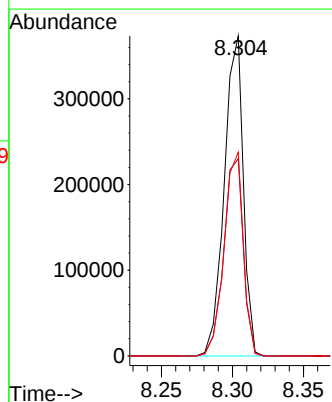
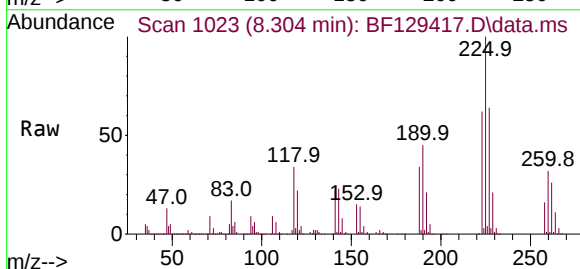
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

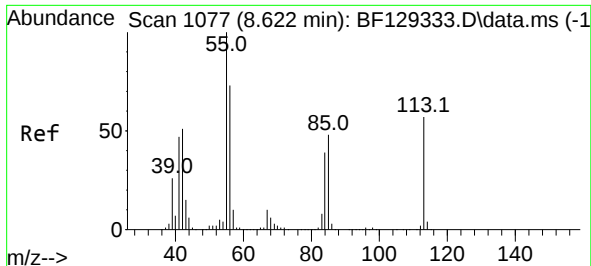


#34
Hexachlorobutadiene
Concen: 48.547 ng
RT: 8.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Tgt Ion:225 Resp: 349345

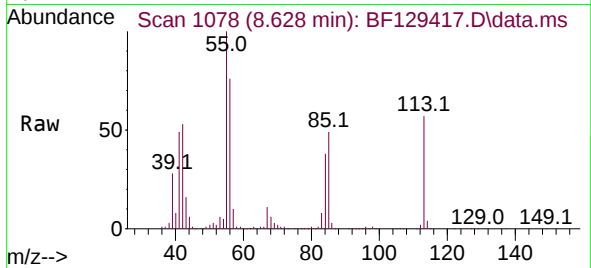
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	63.7	51.1	76.7





#35
Caprolactam
Concen: 47.252 ng m
RT: 8.628 min Scan# 1077
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

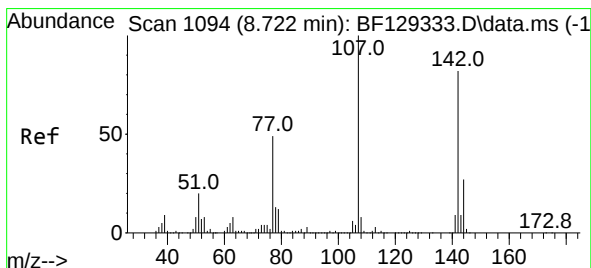
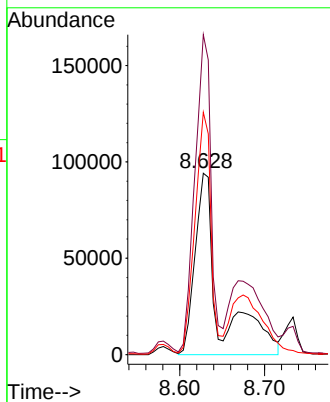
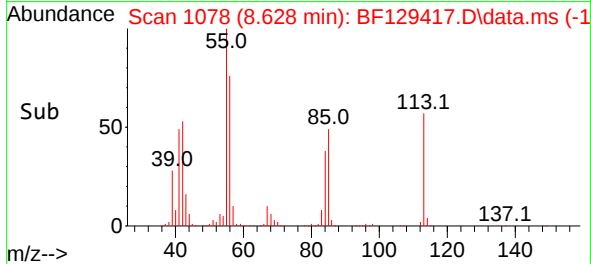
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:113 Resp: 187885
Ion Ratio Lower Upper
113 100
55 176.4 188.5 228.5
56 133.5 130.6 170.6

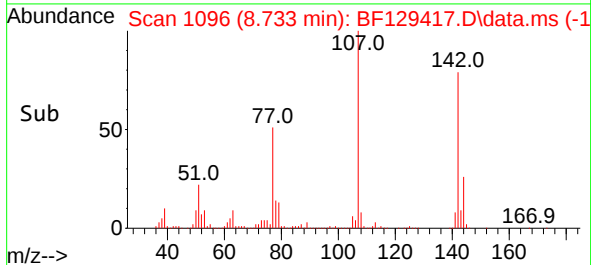
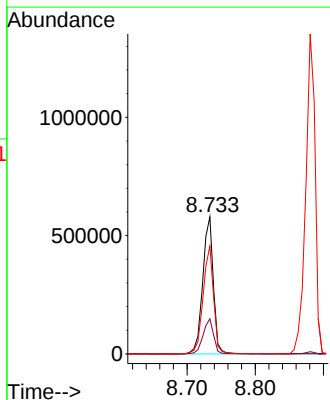
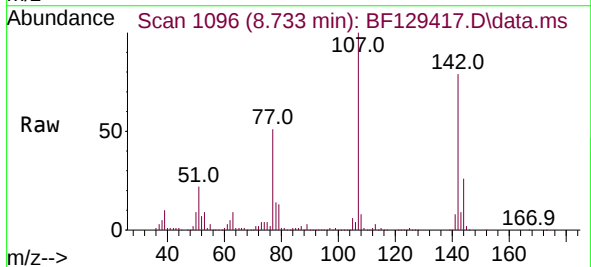
Manual Integrations
APPROVED

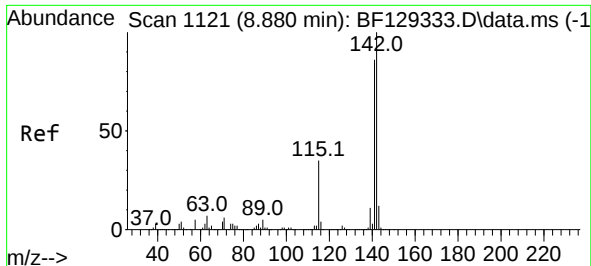
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#36
4-Chloro-3-methylphenol
Concen: 48.313 ng
RT: 8.733 min Scan# 1096
Delta R.T. 0.012 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Tgt Ion:107 Resp: 626702
Ion Ratio Lower Upper
107 100
144 25.6 19.5 29.3
142 78.7 58.2 87.4





#37

2-Methylnaphthalene

Concen: 46.554 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129417.D

Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

ClientSampleId :

RVE-56MSD

Tgt Ion:142 Resp: 1304750

Ion Ratio Lower Upper

142 100

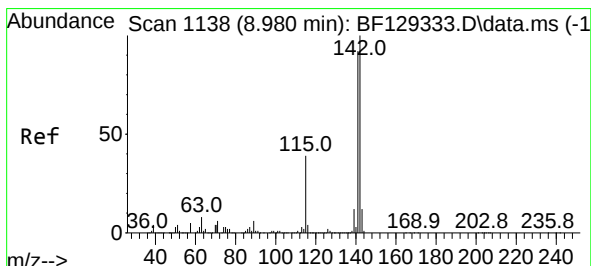
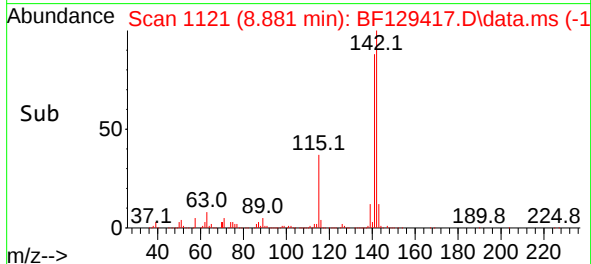
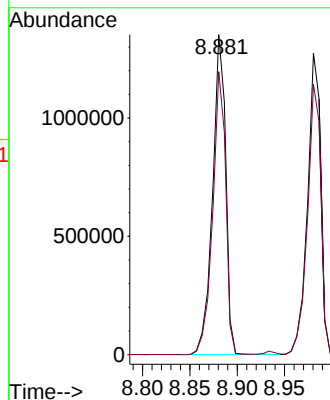
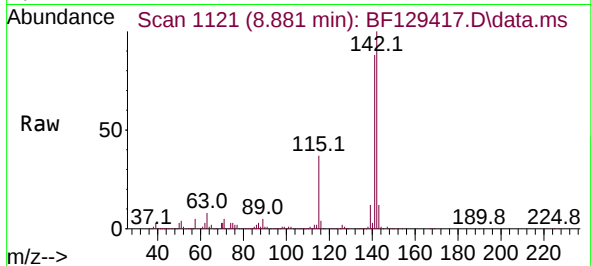
141 88.4 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#38

1-Methylnaphthalene

Concen: 45.686 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129417.D

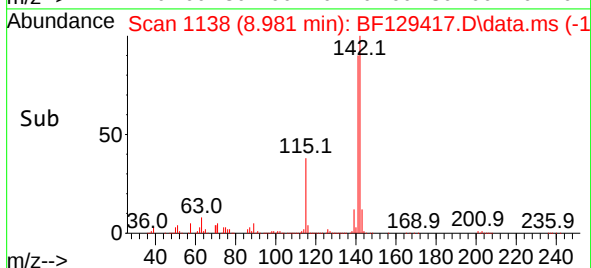
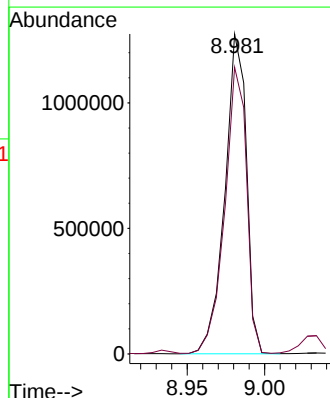
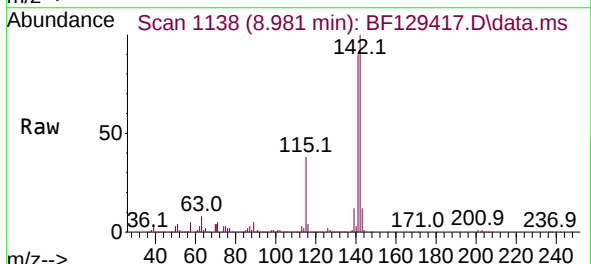
Acq: 28 Jul 2022 19:44

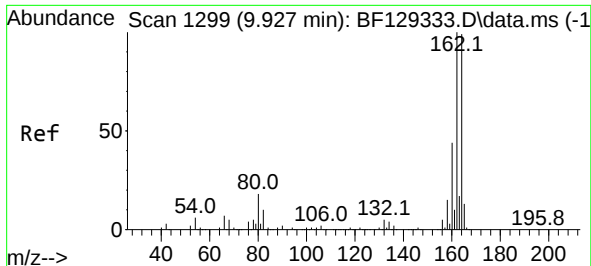
Tgt Ion:142 Resp: 1236051

Ion Ratio Lower Upper

142 100

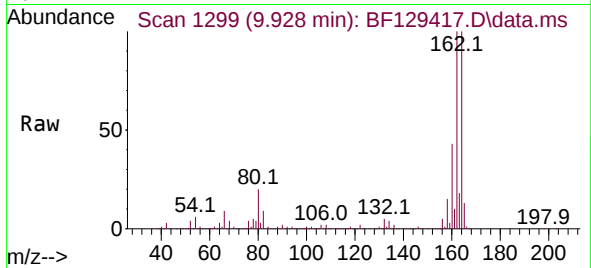
141 89.6 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

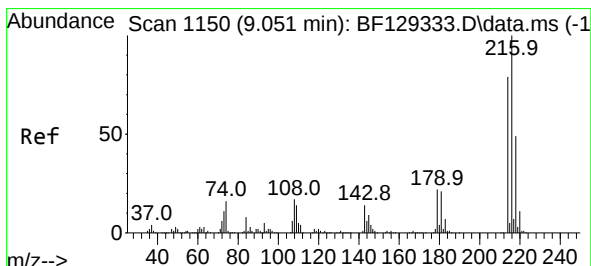
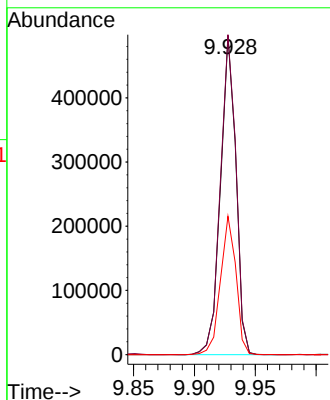
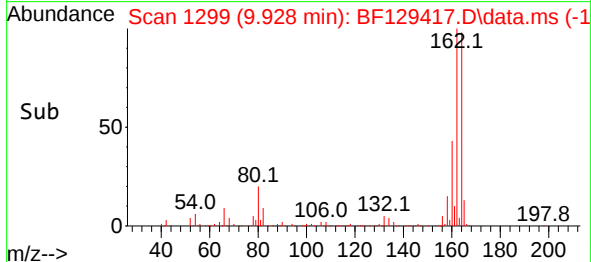
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



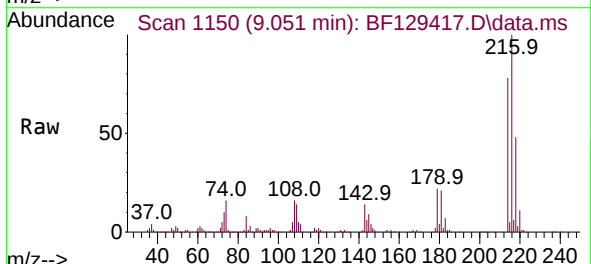
Tgt Ion:164 Resp: 438536
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 43.4 34.2 51.4

Manual Integrations
APPROVED

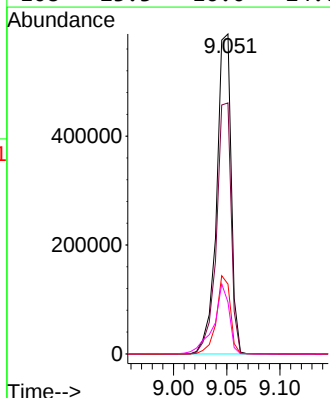
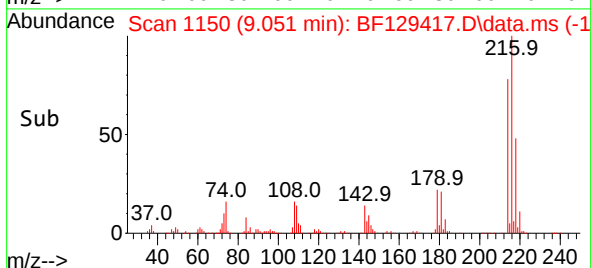
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.605 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



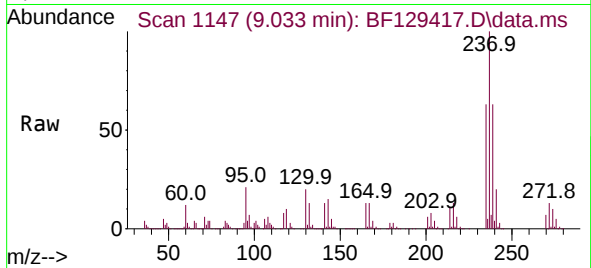
Tgt Ion:216 Resp: 559683
Ion Ratio Lower Upper
216 100
214 79.0 63.6 95.4
179 23.3 17.0 25.6
108 23.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 102.257 ng
RT: 9.033 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

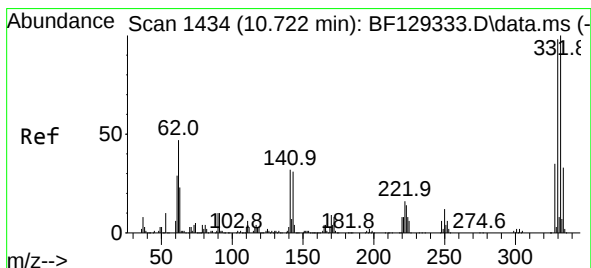
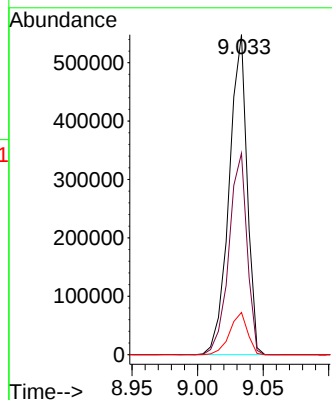
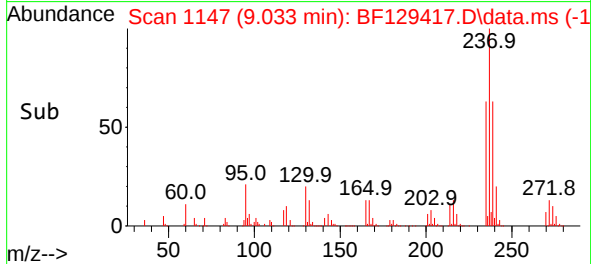
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



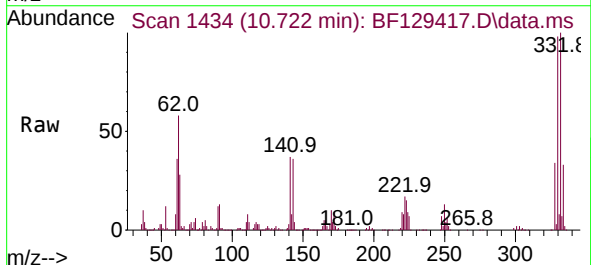
Tgt Ion:237 Resp: 524326
Ion Ratio Lower Upper
237 100
235 62.9 43.2 83.2
272 13.2 0.0 31.9

Manual Integrations
APPROVED

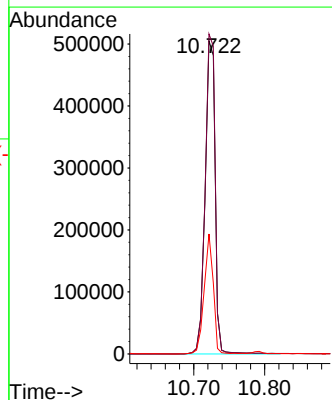
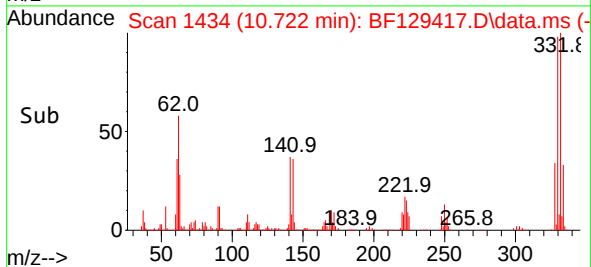
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

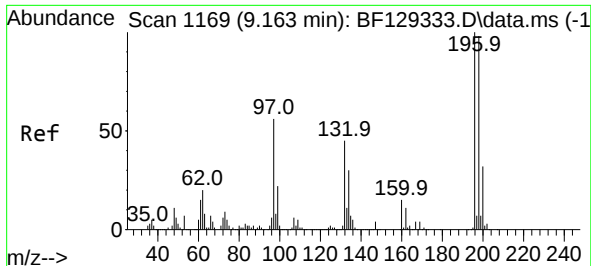


#42
2,4,6-Tribromophenol
Concen: 115.992 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



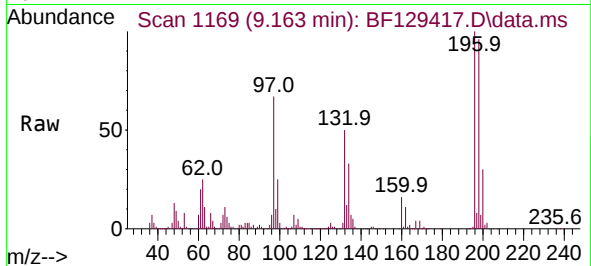
Tgt Ion:330 Resp: 489045
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 35.1 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 47.477 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

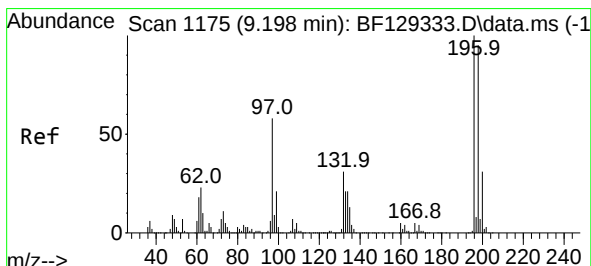
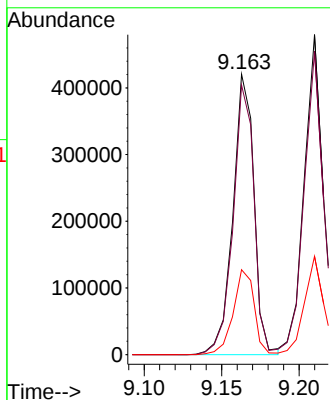
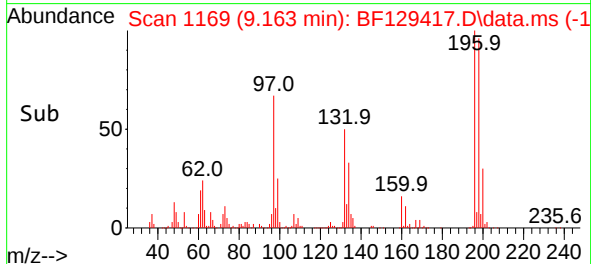
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



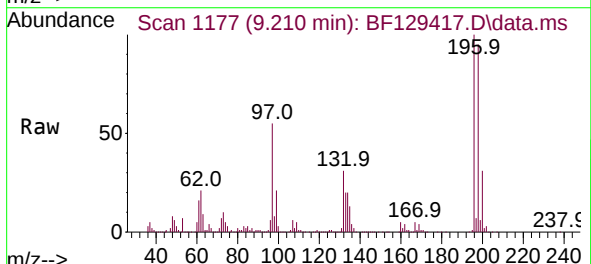
Tgt Ion:196 Resp: 397076
Ion Ratio Lower Upper
196 100
198 96.1 74.0 111.0
200 30.3 24.1 36.1

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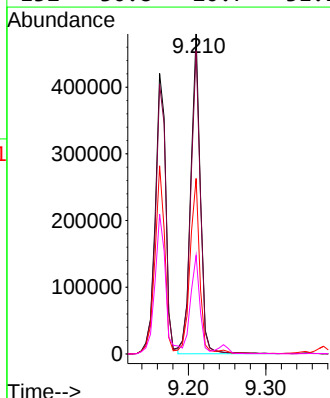
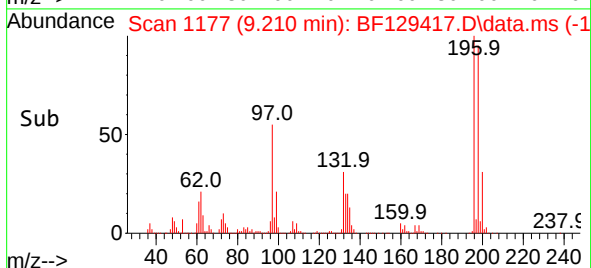
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

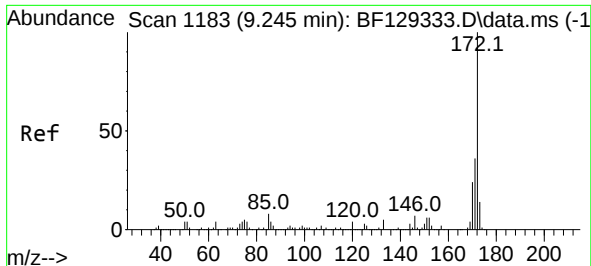


#44
2,4,5-Trichlorophenol
Concen: 45.079 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



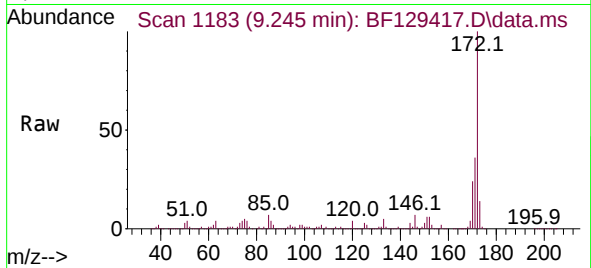
Tgt Ion:196 Resp: 410000
Ion Ratio Lower Upper
196 100
198 94.8 75.7 113.5
97 54.8 36.4 54.6#
132 30.8 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 79.583 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

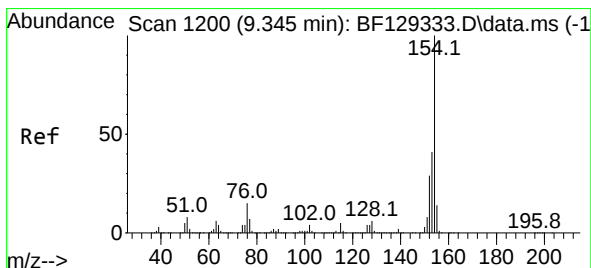
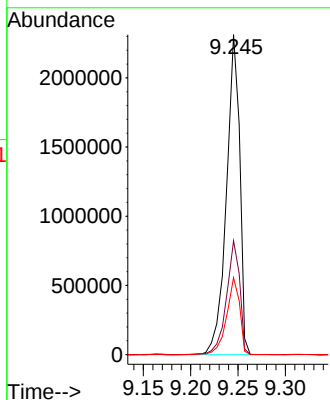
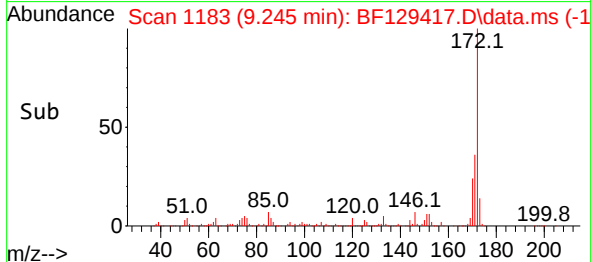
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:172 Resp: 2256059
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.0 19.8 29.8

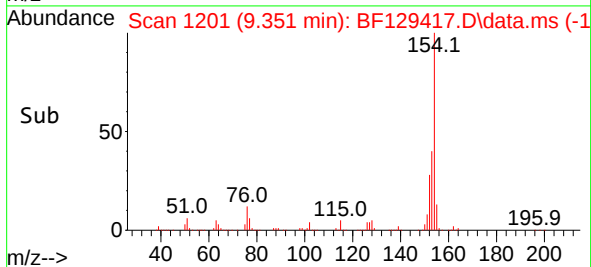
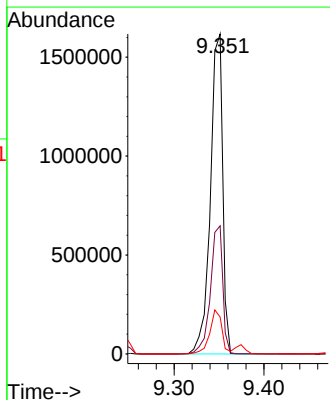
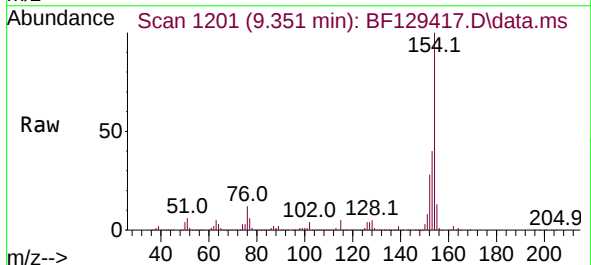
Manual Integrations
APPROVED

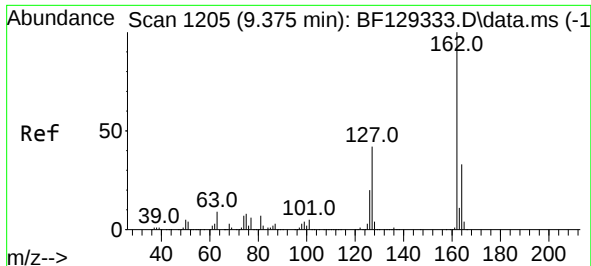
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#46
1,1'-Biphenyl
Concen: 48.438 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

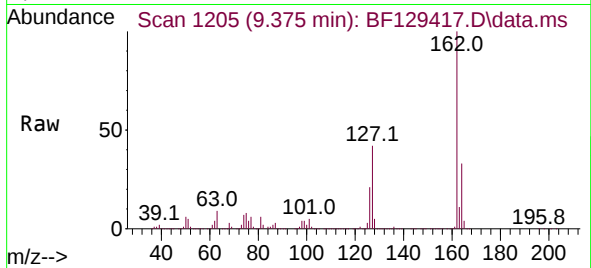
Tgt Ion:154 Resp: 1550214
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 11.5 0.0 33.3





#47
2-Chloronaphthalene
Concen: 47.044 ng
RT: 9.375 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

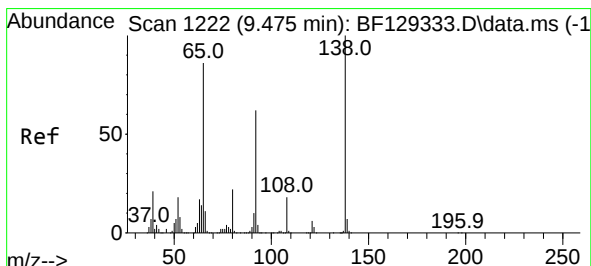
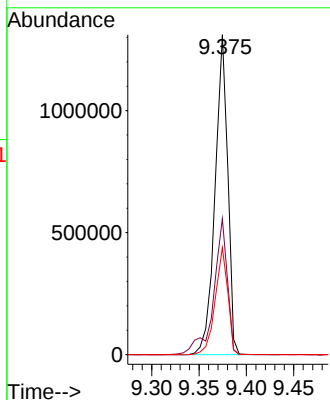
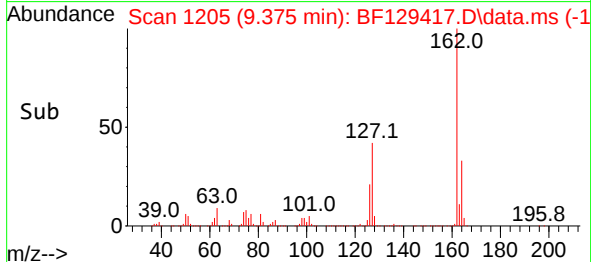
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



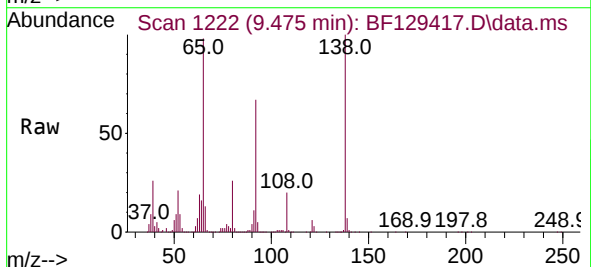
Tgt Ion:162 Resp: 1217144
Ion Ratio Lower Upper
162 100
127 42.5 34.5 51.7
164 33.4 26.5 39.7

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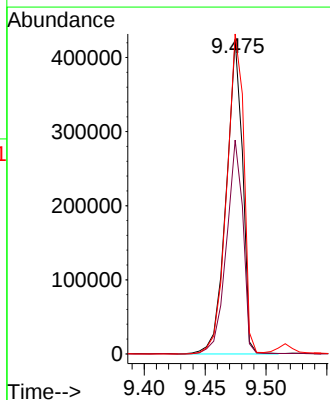
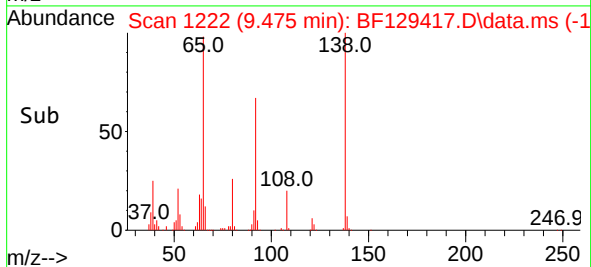
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

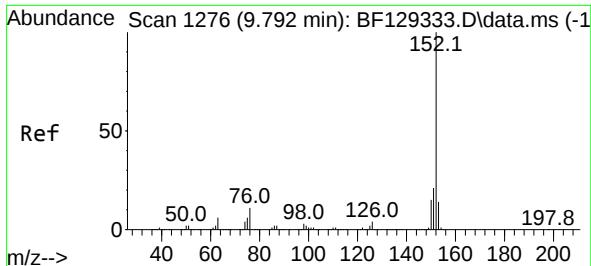


#48
2-Nitroaniline
Concen: 45.879 ng
RT: 9.475 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion: 65 Resp: 394703
Ion Ratio Lower Upper
65 100
92 68.0 51.9 77.9
138 101.8 76.4 114.6





#49

Acenaphthylene

Concen: 45.580 ng

RT: 9.792 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF129417.D

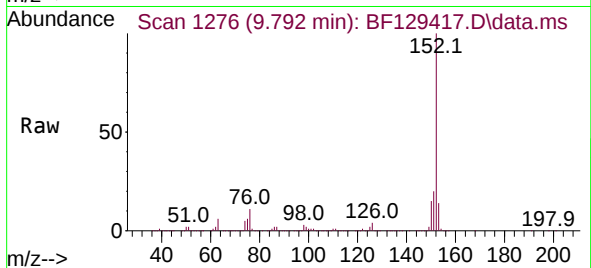
Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

ClientSampleId :

RVE-56MSD



Tgt Ion:152 Resp: 179188

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

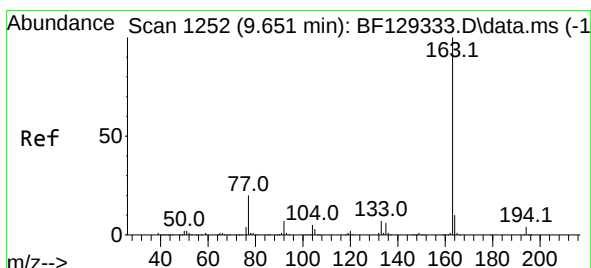
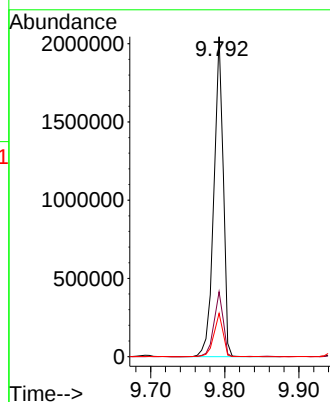
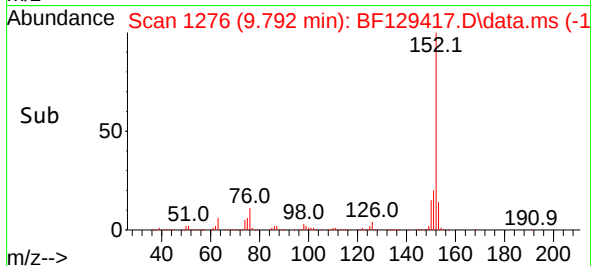
153 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#50

Dimethylphthalate

Concen: 47.845 ng

RT: 9.651 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF129417.D

Acq: 28 Jul 2022 19:44

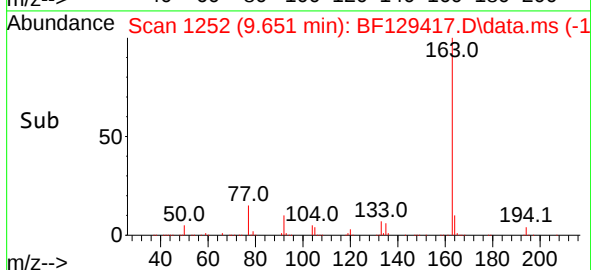
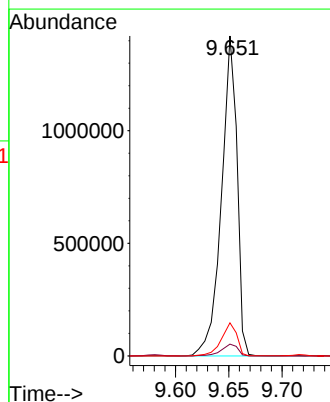
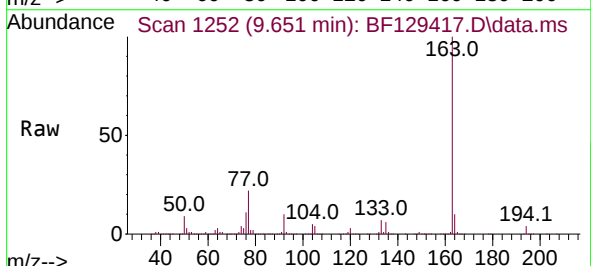
Tgt Ion:163 Resp: 1448450

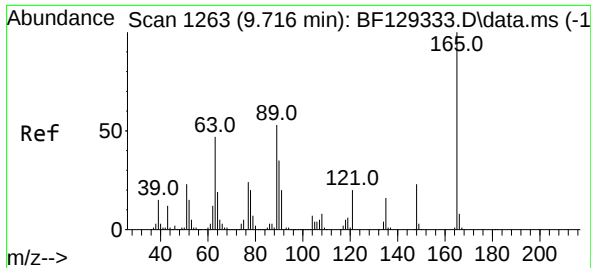
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.3 8.2 12.2





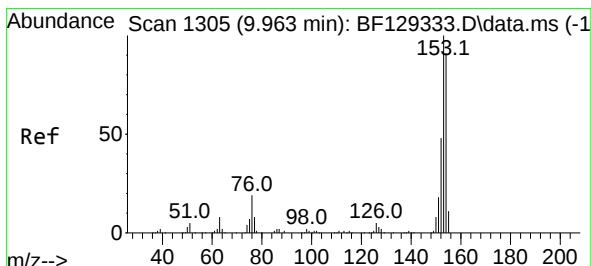
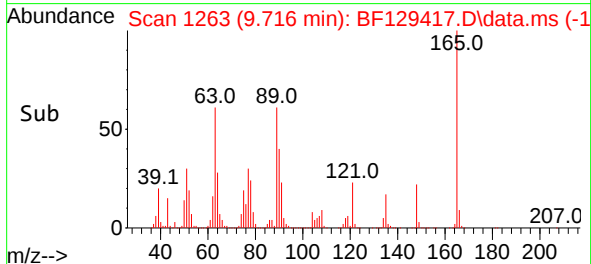
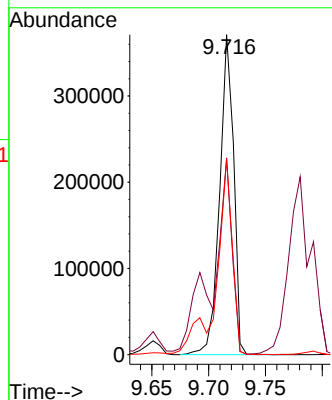
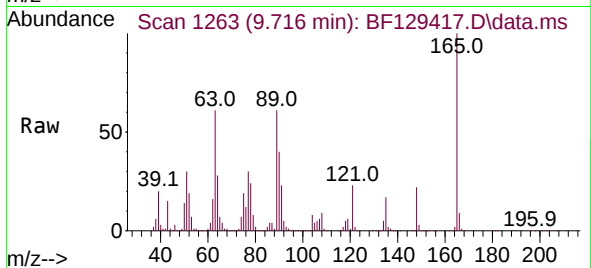
#51
2,6-Dinitrotoluene
Concen: 46.779 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Tgt Ion:165 Resp: 316963
Ion Ratio Lower Upper
165 100
63 61.5 44.9 67.3
89 61.0 43.6 65.4

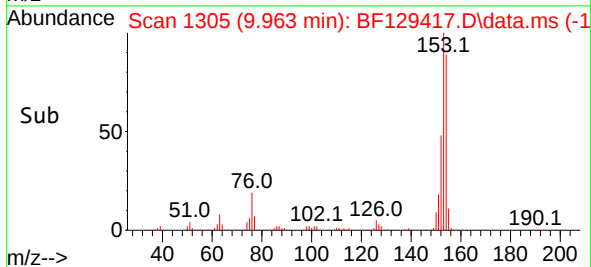
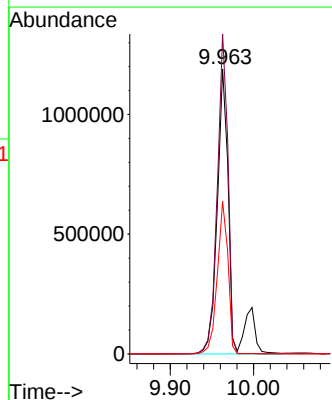
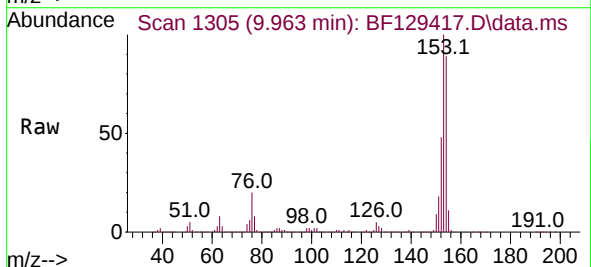
Manual Integrations
APPROVED

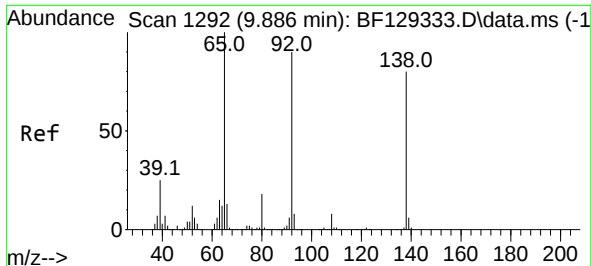
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#52
Acenaphthene
Concen: 48.272 ng m
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

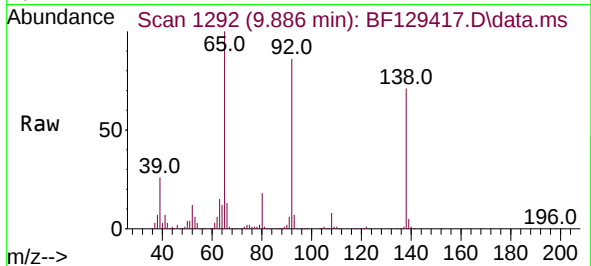
Tgt Ion:154 Resp: 1239483
Ion Ratio Lower Upper
154 100
153 112.3 89.6 134.4
152 53.5 42.4 63.6





#53
3-Nitroaniline
Concen: 30.812 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

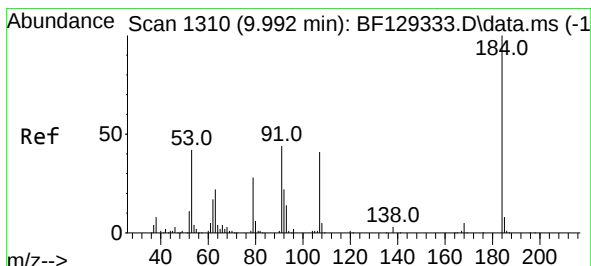
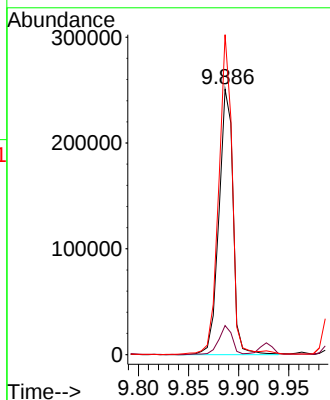
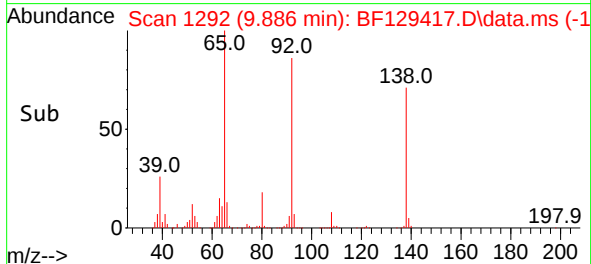
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:138 Resp: 246530
Ion Ratio Lower Upper
138 100
108 10.9 10.9 16.3
92 120.6 98.2 147.2

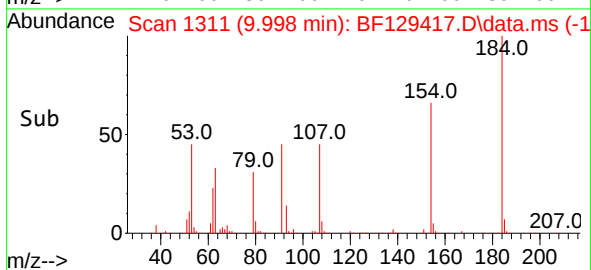
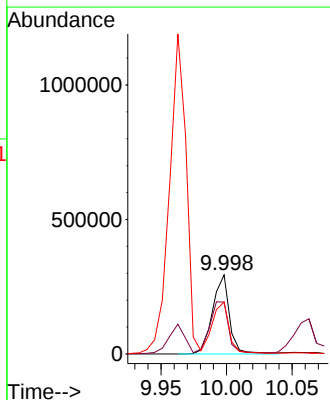
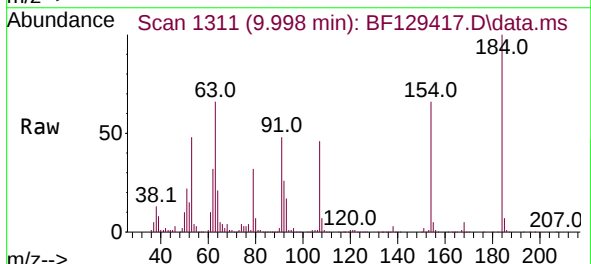
Manual Integrations
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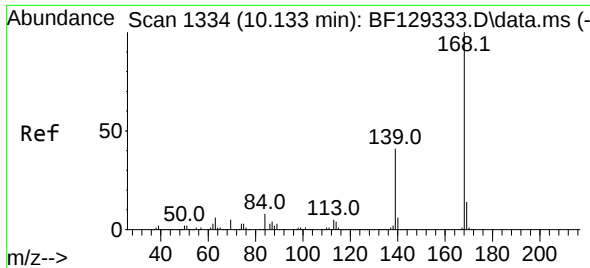
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#54
2,4-Dinitrophenol
Concen: 76.570 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

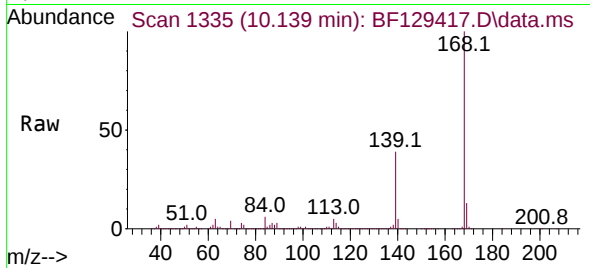
Tgt Ion:184 Resp: 264860
Ion Ratio Lower Upper
184 100
63 65.6 64.5 96.7
154 65.8 50.6 75.8





#55
Dibenzofuran
Concen: 45.062 ng
RT: 10.139 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

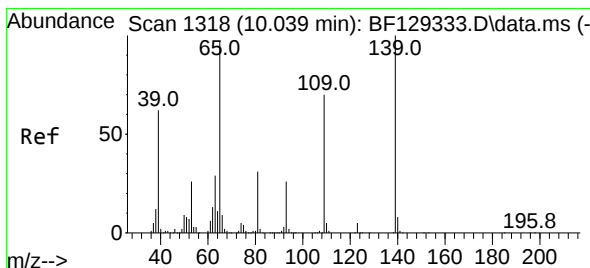
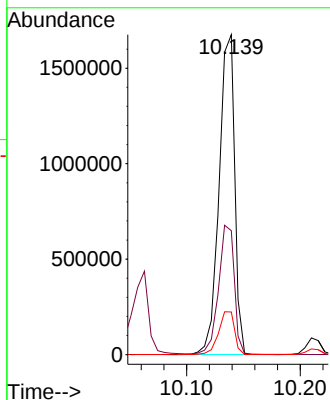
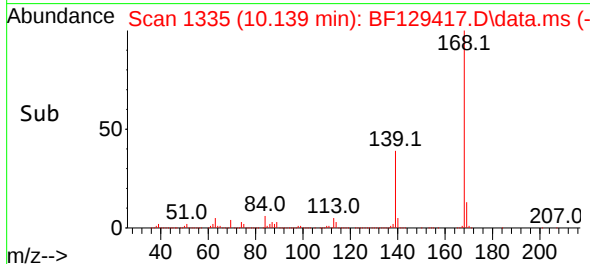
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:168 Resp: 1595022
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.3 11.0 16.6

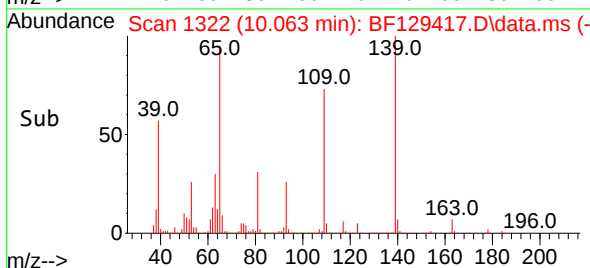
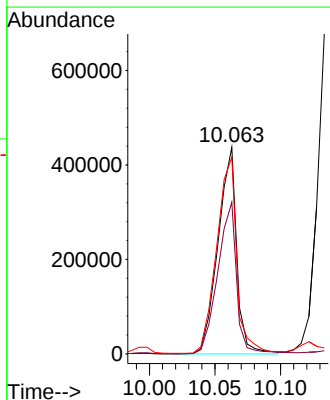
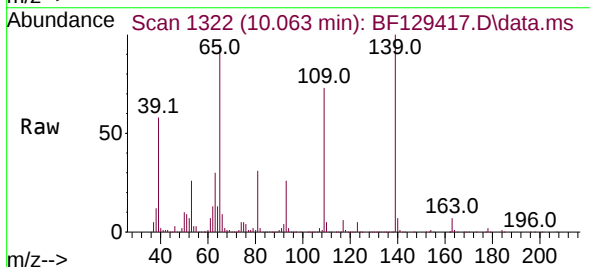
Manual Integrations
APPROVED

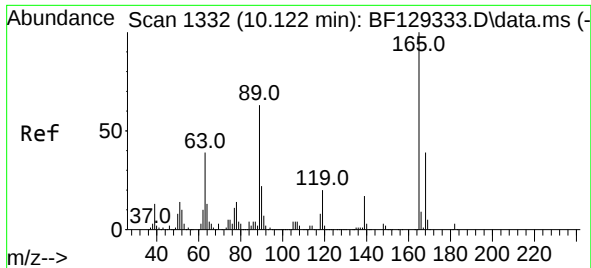
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#56
4-Nitrophenol
Concen: 73.754 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.024 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

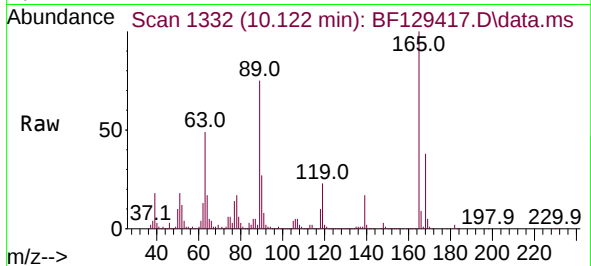
Tgt Ion:139 Resp: 435356
Ion Ratio Lower Upper
139 100
109 73.3 50.7 90.7
65 95.1 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 45.597 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

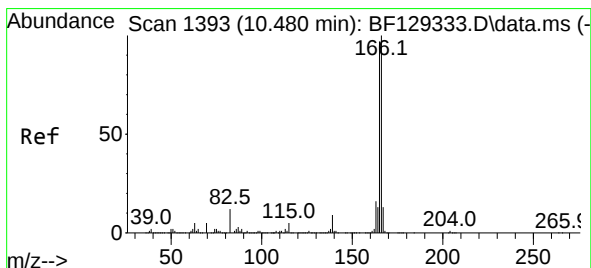
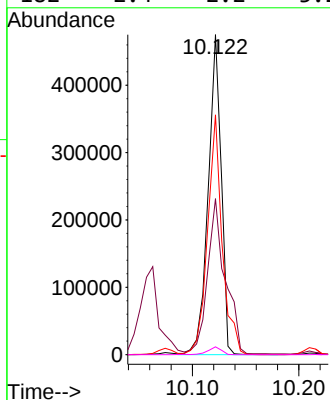
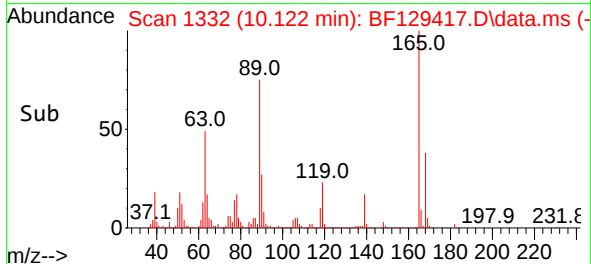
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



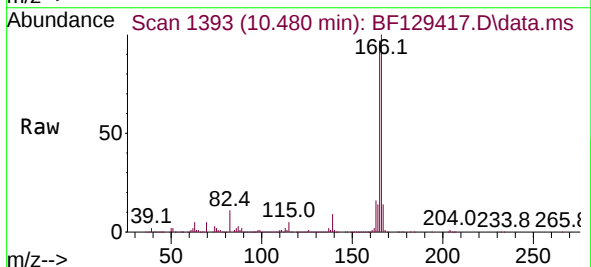
Tgt Ion:165 Resp: 403600
Ion Ratio Lower Upper
165 100
63 48.7 39.8 59.6
89 74.9 60.2 90.2
182 2.4 2.2 3.2

Manual Integrations
APPROVED

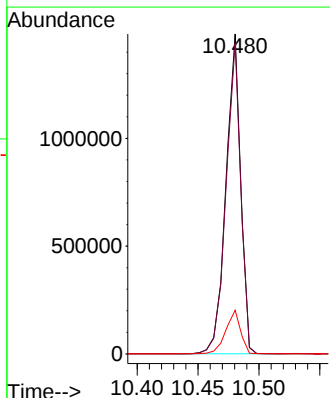
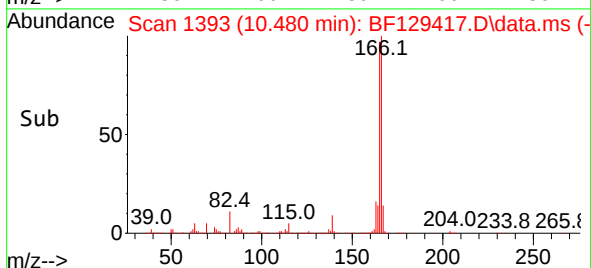
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

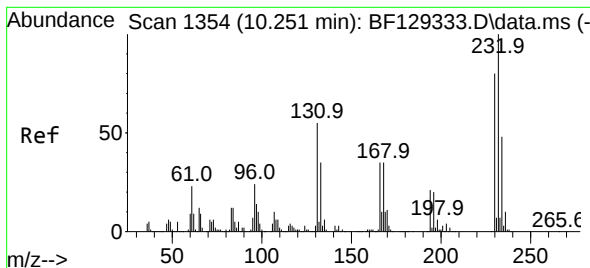


#58
Fluorene
Concen: 43.972 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



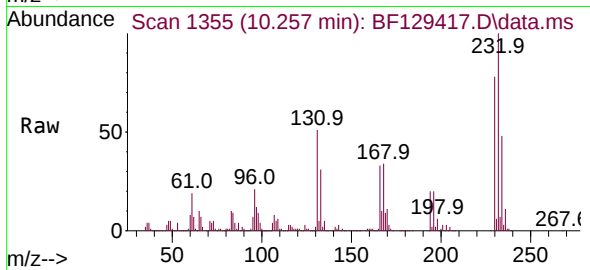
Tgt Ion:166 Resp: 1245344
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.334 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

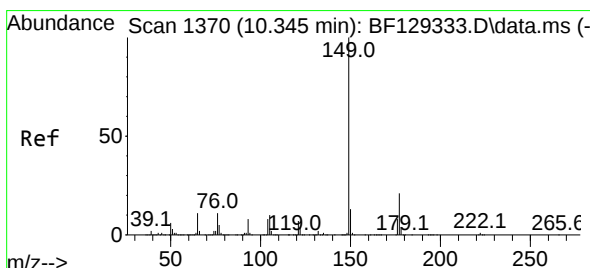
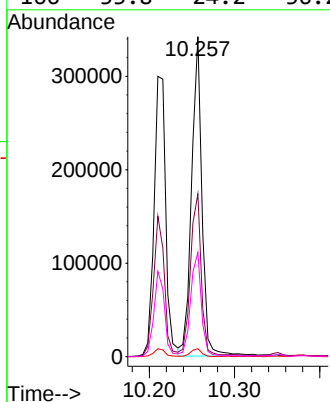
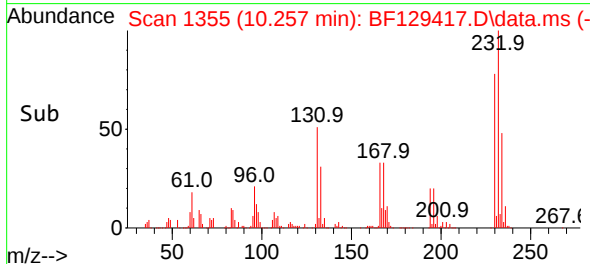
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



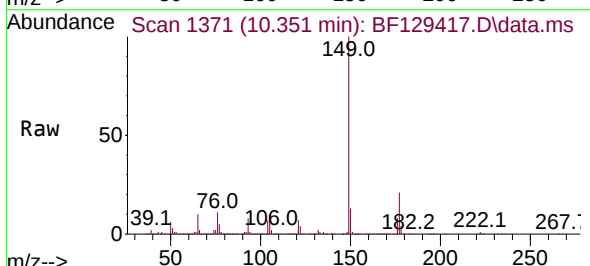
Tgt Ion:232 Resp: 290523
Ion Ratio Lower Upper
232 100
131 51.3 36.1 54.1
130 2.6 1.8 2.8
166 33.8 24.2 36.2

Manual Integrations
APPROVED

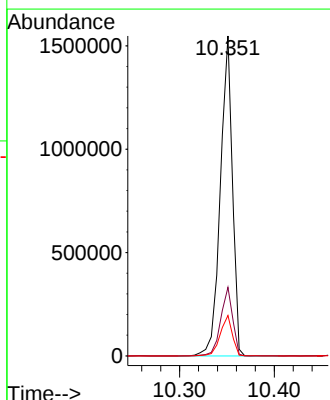
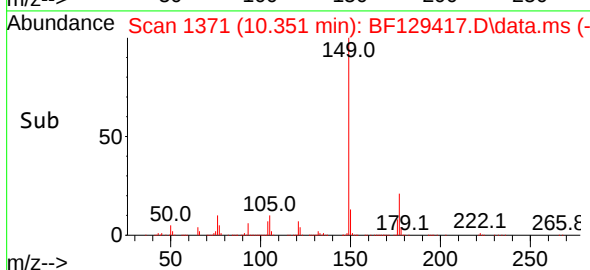
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

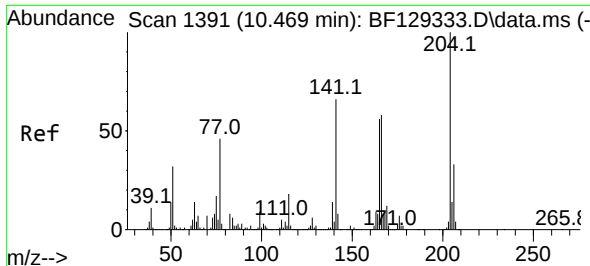


#60
Diethylphthalate
Concen: 46.633 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



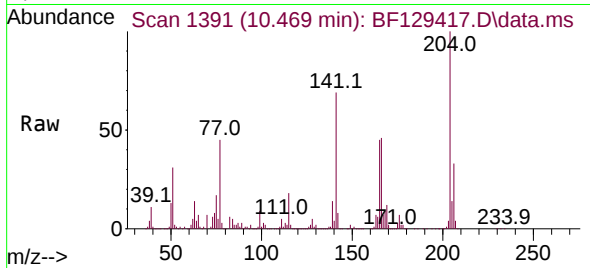
Tgt Ion:149 Resp: 1364730
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.545 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

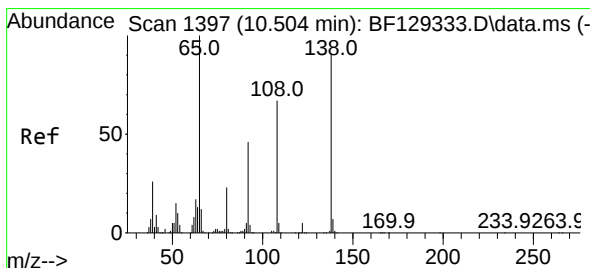
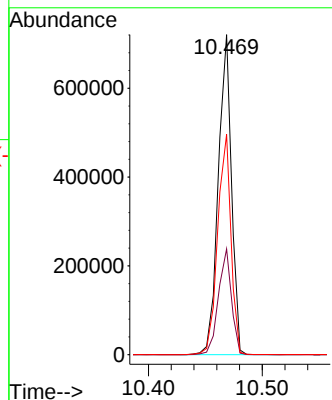
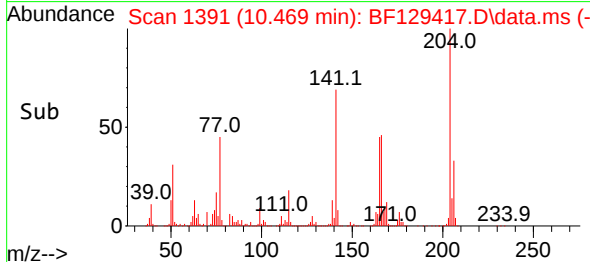
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



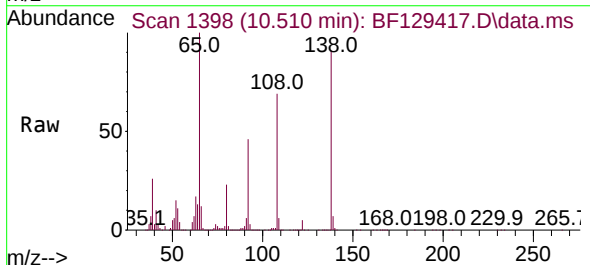
Tgt Ion:204 Resp: 581142
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 68.8 47.0 70.4

Manual Integrations
APPROVED

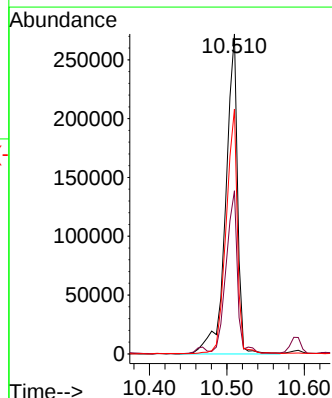
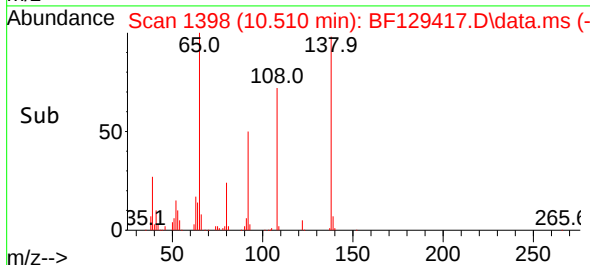
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

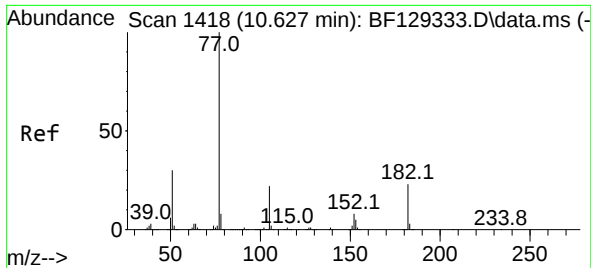


#62
4-Nitroaniline
Concen: 36.568 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



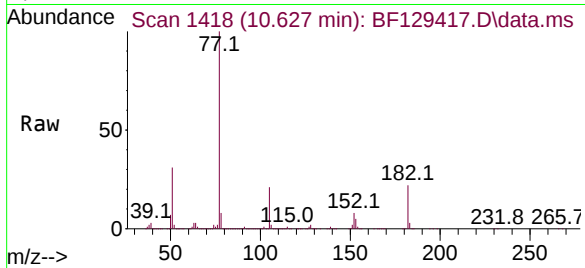
Tgt Ion:138 Resp: 290249
Ion Ratio Lower Upper
138 100
92 51.0 33.5 73.5
108 76.5 61.0 101.0





#63
Azobenzene
Concen: 43.659 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

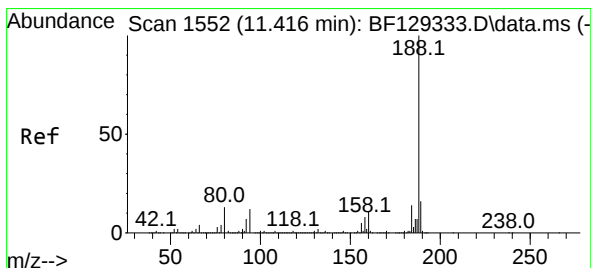
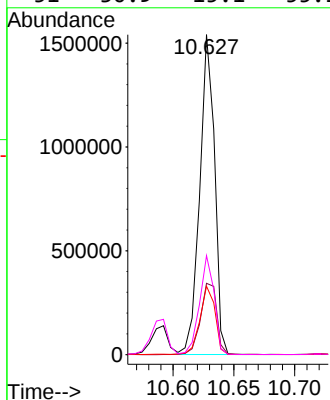
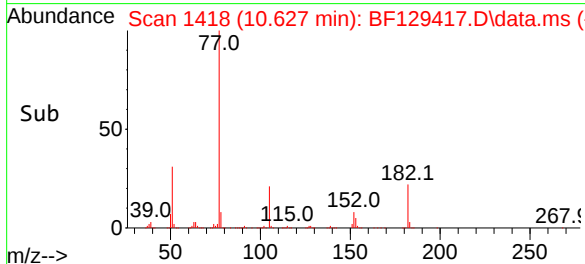
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



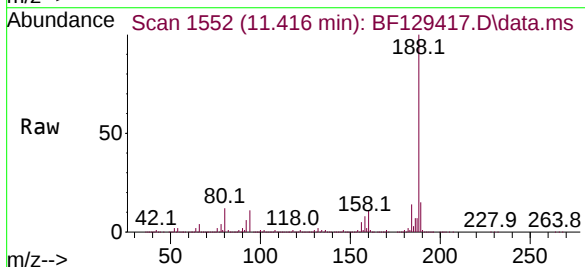
Tgt Ion: 77 Resp: 130318
Ion Ratio Lower Upper
77 100
182 22.3 5.6 45.6
105 21.4 1.6 41.6
51 30.9 15.1 55.1

Manual Integrations
APPROVED

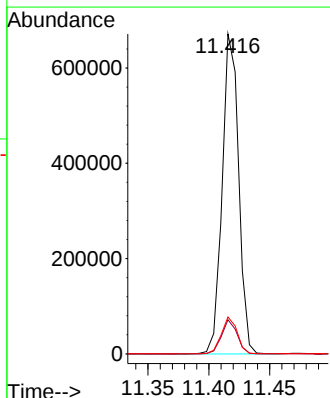
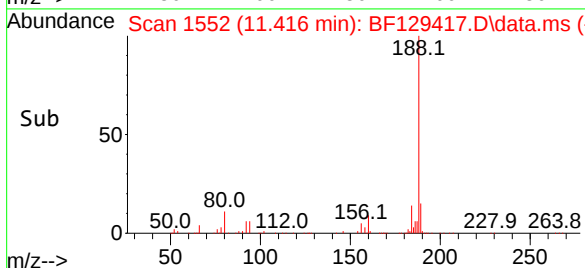
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

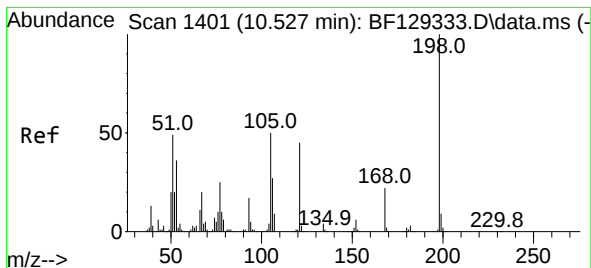


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion:188 Resp: 628768
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.5 7.6 11.4#





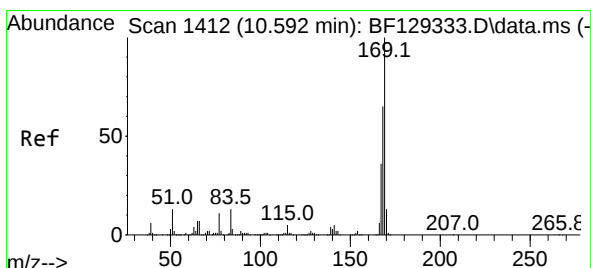
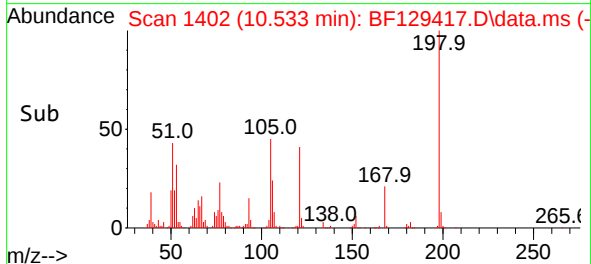
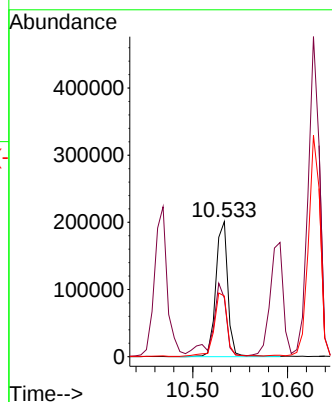
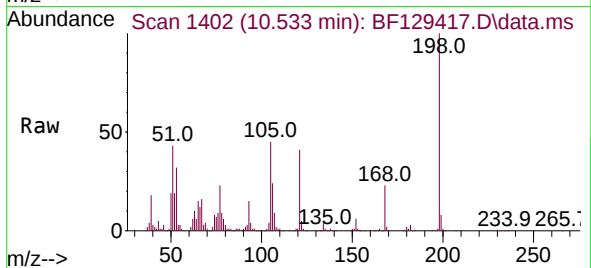
#65
4,6-Dinitro-2-methylphenol
Concen: 44.450 ng
RT: 10.533 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Tgt Ion:198 Resp: 176407
Ion Ratio Lower Upper
198 100
51 43.3 37.6 77.6
105 44.8 27.0 67.0

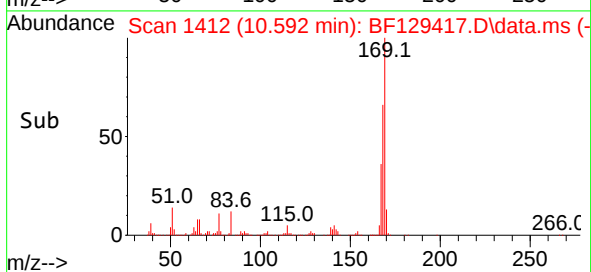
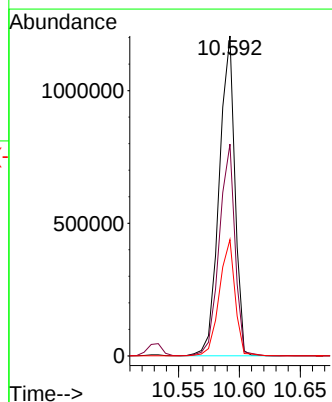
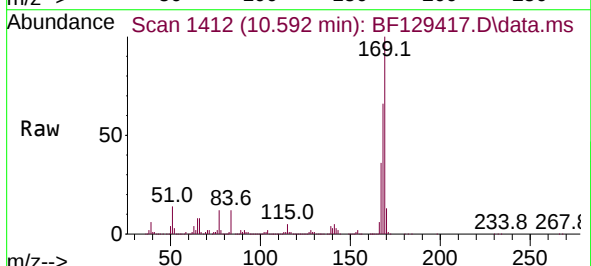
Manual Integrations
APPROVED

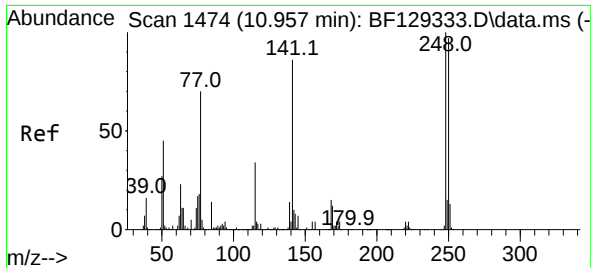
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#66
n-Nitrosodiphenylamine
Concen: 51.609 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

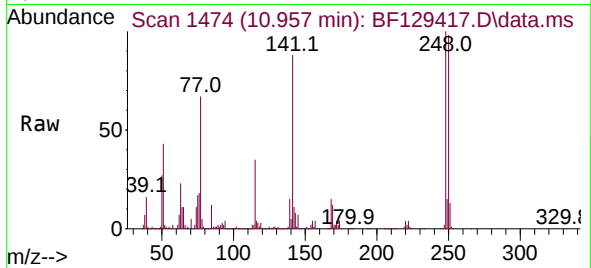
Tgt Ion:169 Resp: 1080657
Ion Ratio Lower Upper
169 100
168 66.2 50.1 75.1
167 36.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 52.660 ng
RT: 10.957 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

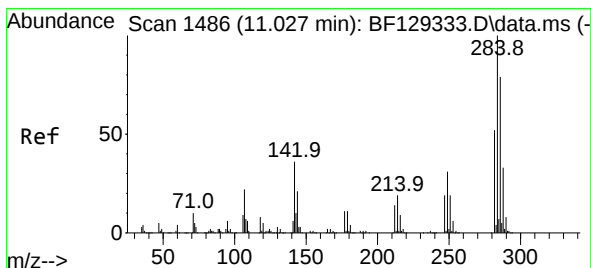
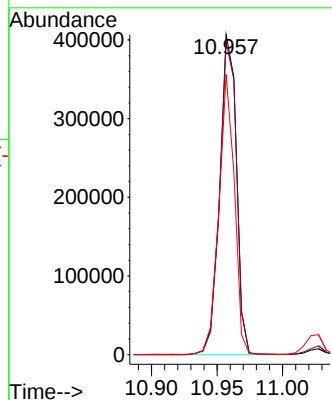
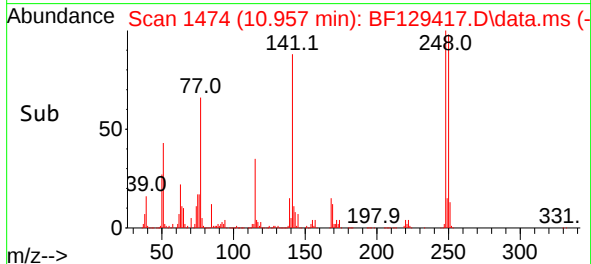
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



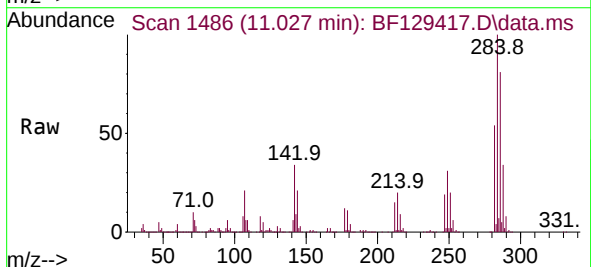
Tgt Ion:248 Resp: 362573
Ion Ratio Lower Upper
248 100
250 97.8 80.6 120.8
141 87.6 58.9 88.3

Manual Integrations
APPROVED

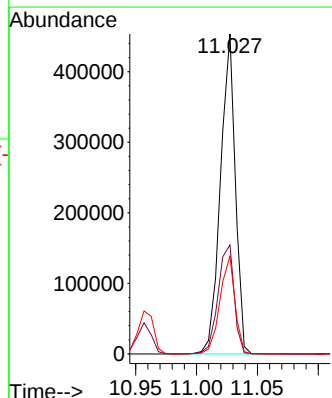
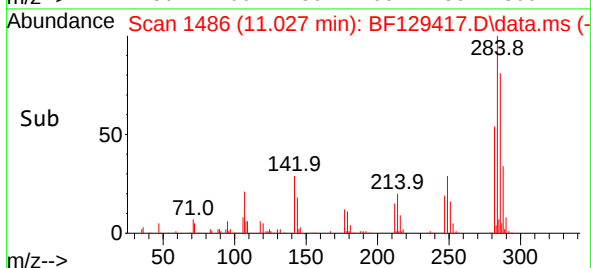
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

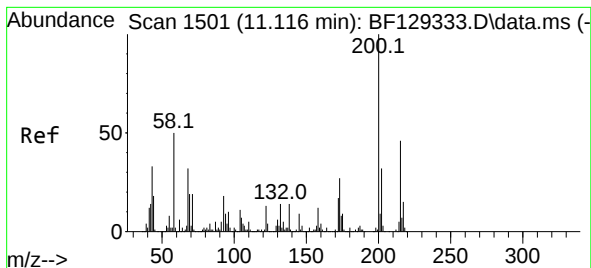


#68
Hexachlorobenzene
Concen: 51.557 ng
RT: 11.027 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion:284 Resp: 384628
Ion Ratio Lower Upper
284 100
142 34.1 29.0 43.4
249 30.5 25.0 37.6





#69

Atrazine

Concen: 51.701 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129417.D

Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

ClientSampleId :

RVE-56MSD

Tgt Ion:200 Resp: 328830

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

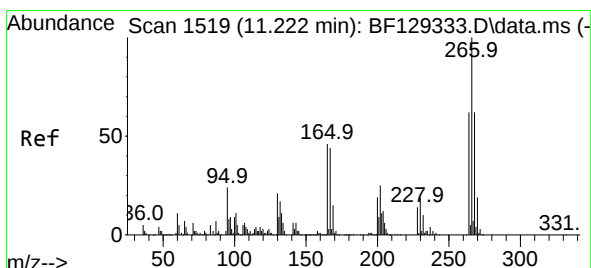
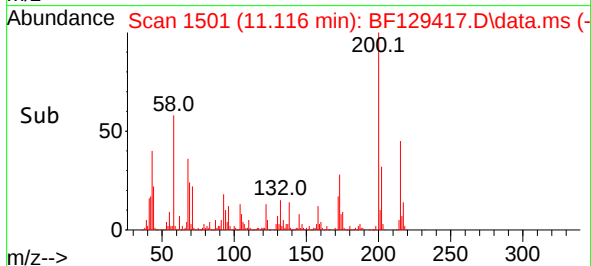
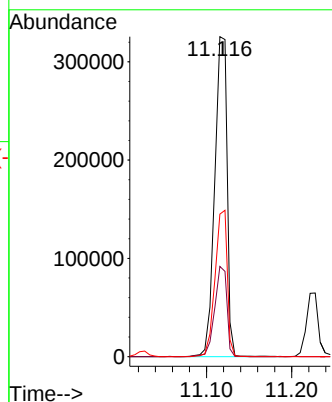
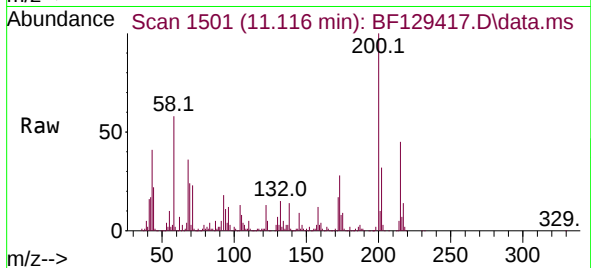
215 44.5 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#70

Pentachlorophenol

Concen: 82.806 ng

RT: 11.227 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF129417.D

Acq: 28 Jul 2022 19:44

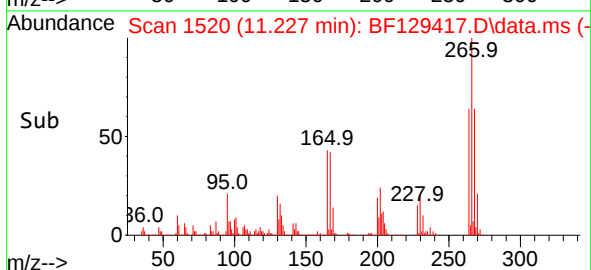
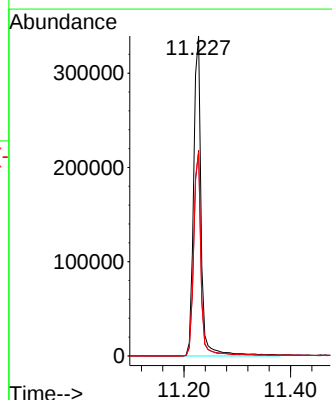
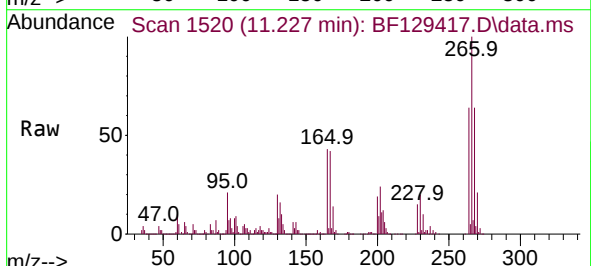
Tgt Ion:266 Resp: 335835

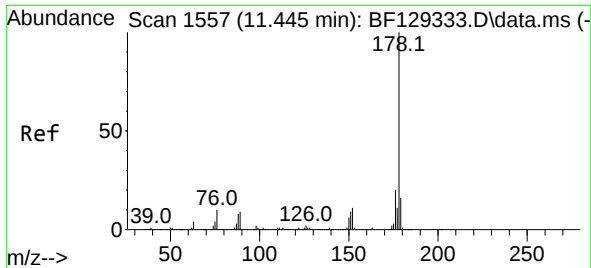
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.4

264 63.6 49.4 74.2





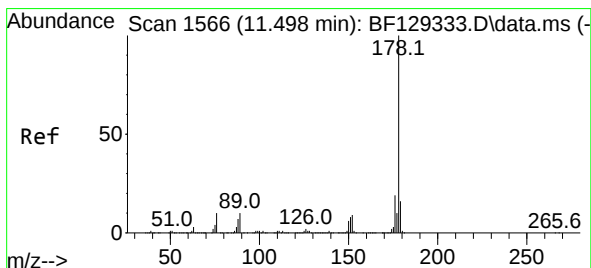
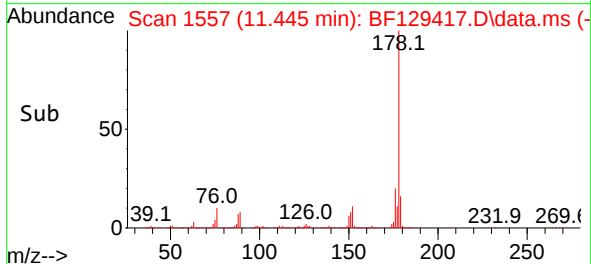
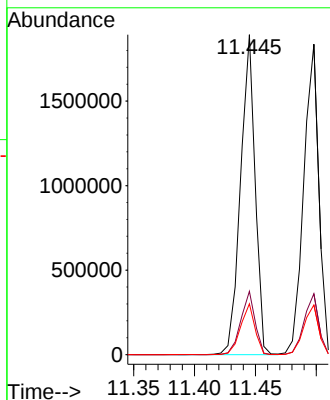
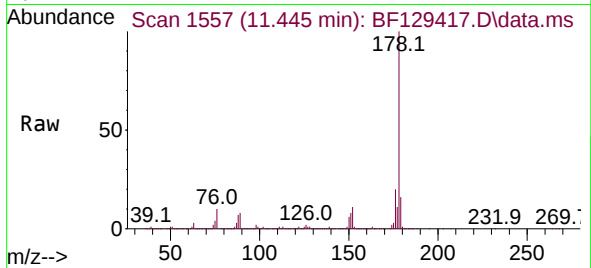
#71
Phenanthrene
Concen: 45.962 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Tgt Ion:178 Resp: 1577533
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.9 12.6 19.0

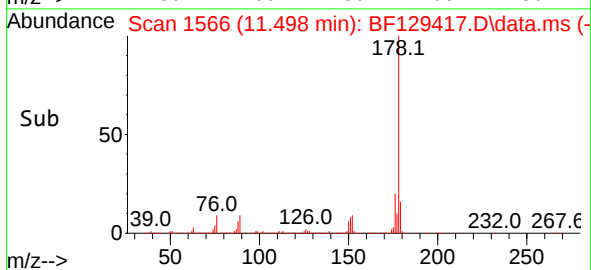
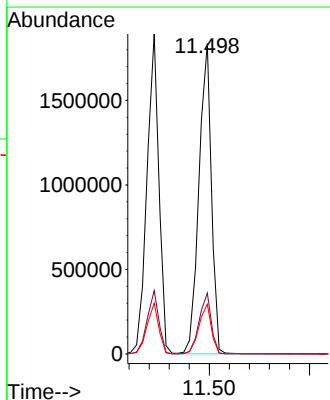
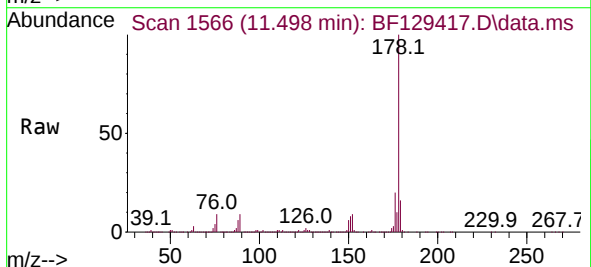
Manual Integrations
APPROVED

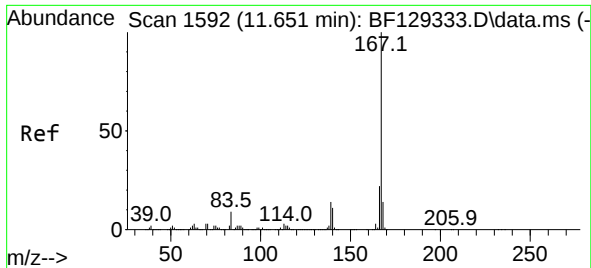
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#72
Anthracene
Concen: 46.866 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

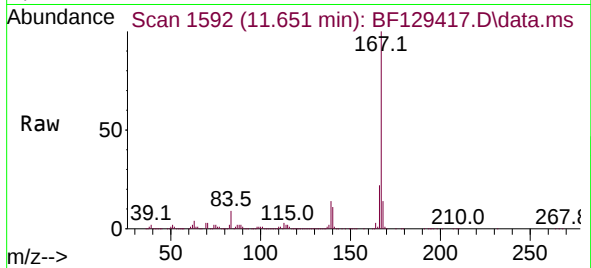
Tgt Ion:178 Resp: 1580758
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 43.450 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: BF129417.D
 Acq: 28 Jul 2022 19:44

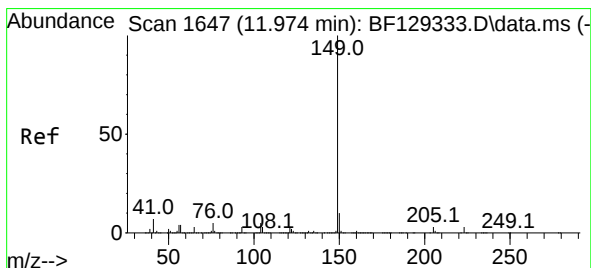
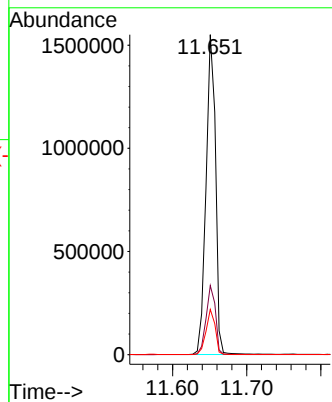
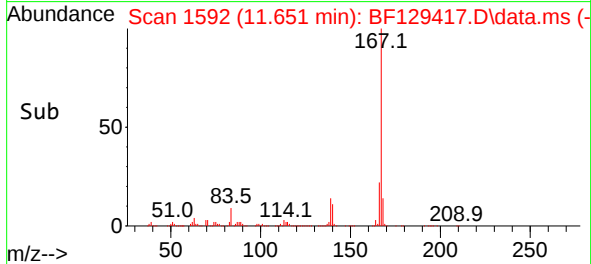
Instrument :
 BNA_F
 ClientSampleId :
 RVE-56MSD



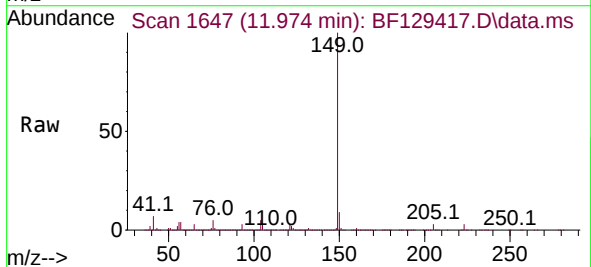
Tgt Ion:167 Resp: 1379592
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 14.1 11.2 16.8

Manual Integrations
 APPROVED

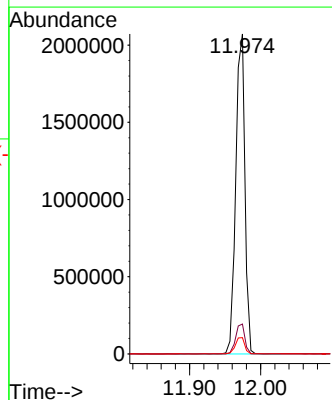
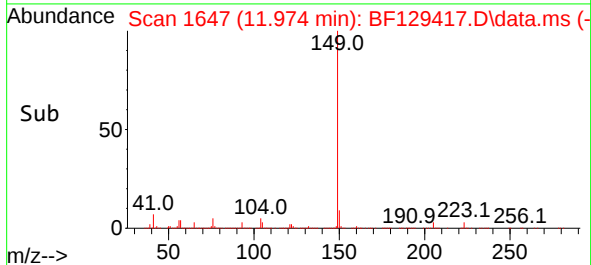
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

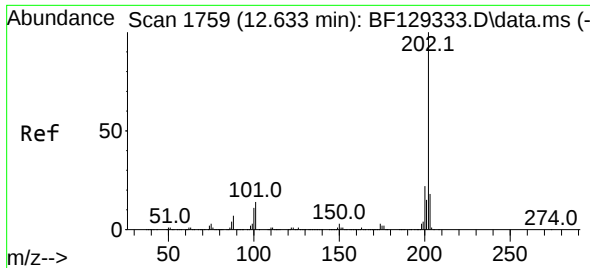


#74
 Di-n-butylphthalate
 Concen: 49.046 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF129417.D
 Acq: 28 Jul 2022 19:44



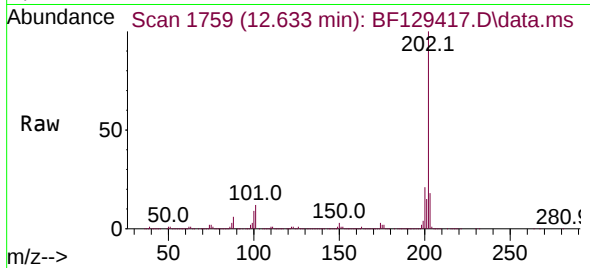
Tgt Ion:149 Resp: 1854522
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 39.669 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

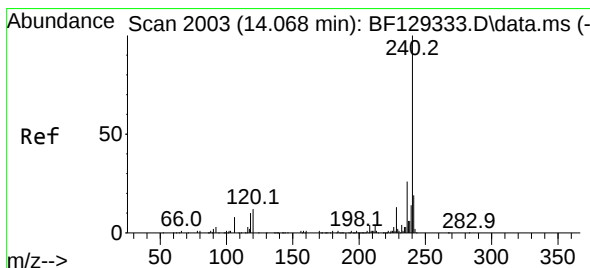
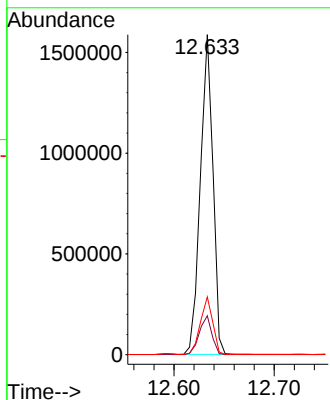
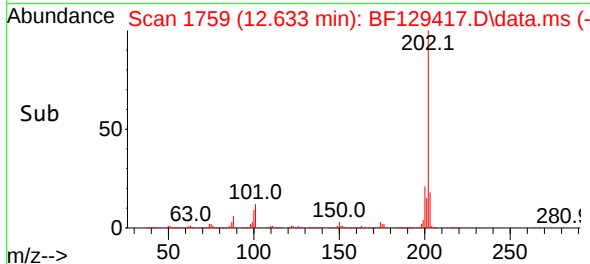
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



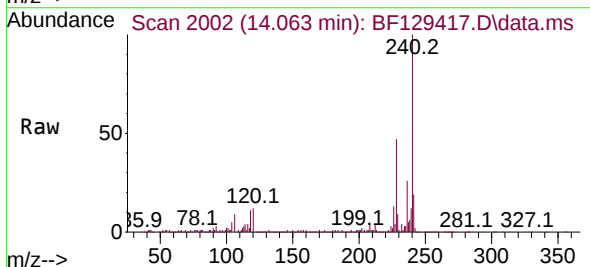
Tgt Ion:202 Resp: 1379556
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.4
203 18.0 0.0 38.0

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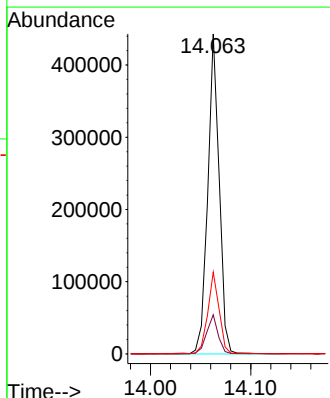
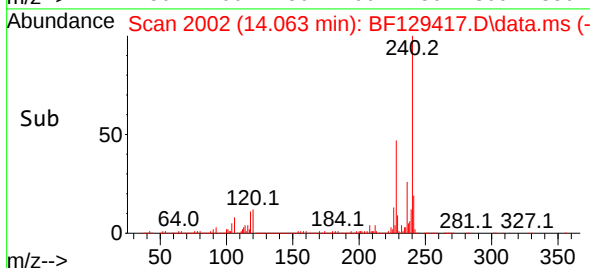
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

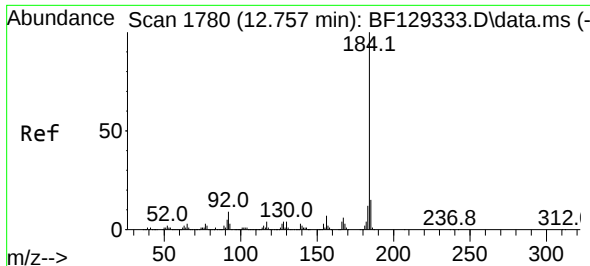


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion:240 Resp: 348479
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.6 20.8 31.2





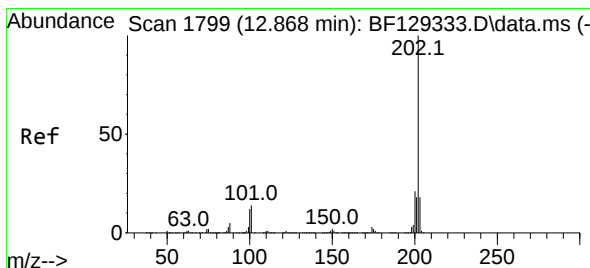
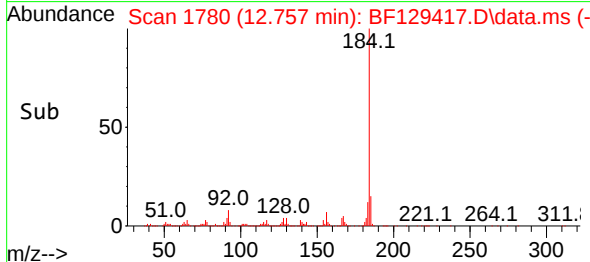
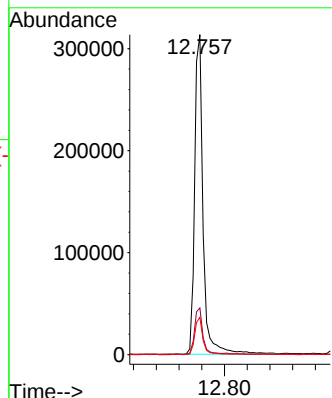
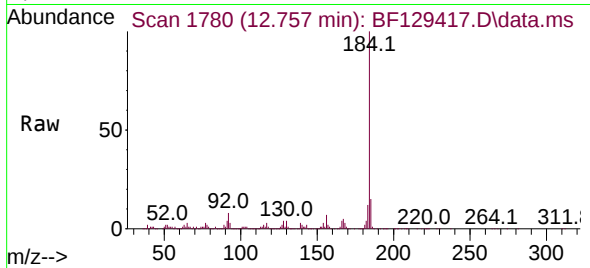
#77
Benzidine
Concen: 26.096 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :
BNA_F
ClientSampleId :
RVE-56MSD

Tgt Ion:184 Resp: 321261
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.6 9.3 13.9

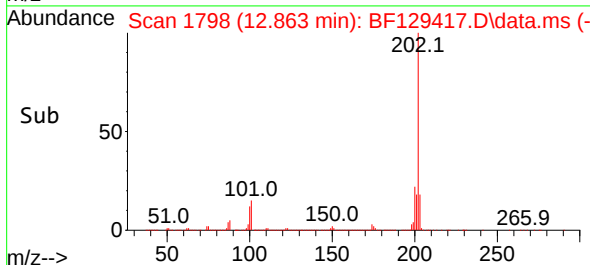
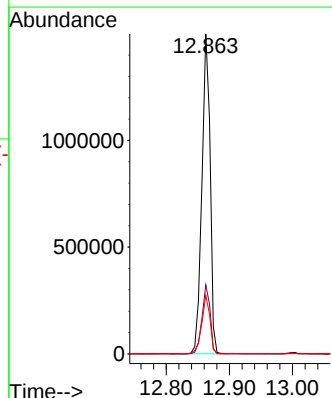
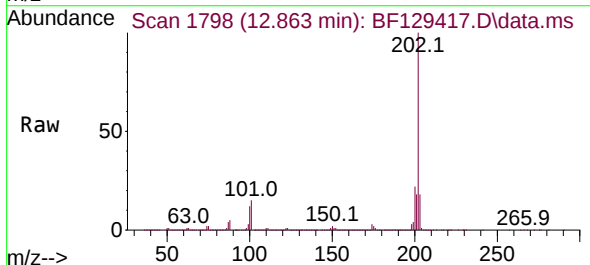
Manual Integrations
APPROVED

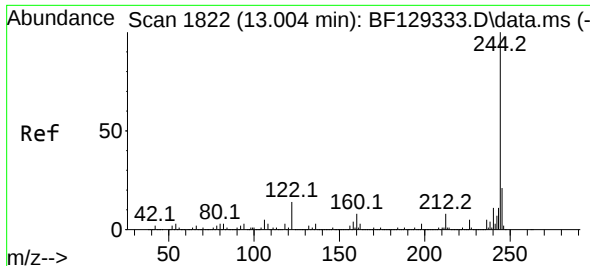
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#78
Pyrene
Concen: 46.789 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Tgt Ion:202 Resp: 1363462
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 18.2 14.6 21.8





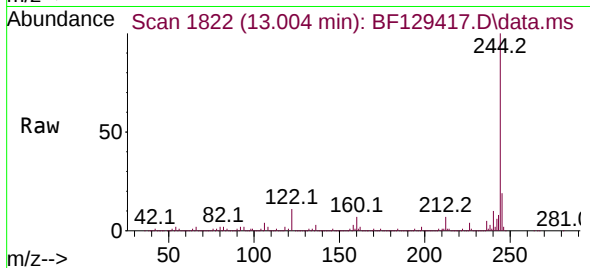
#79
 Terphenyl-d14
 Concen: 92.704 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129417.D
 Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

ClientSampleId :

RVE-56MSD

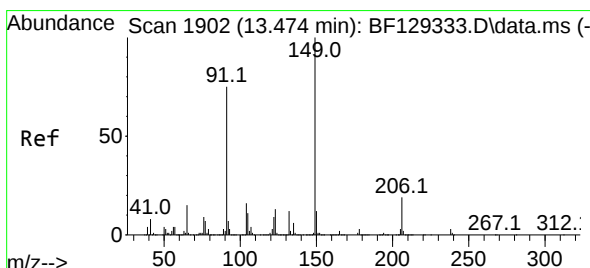
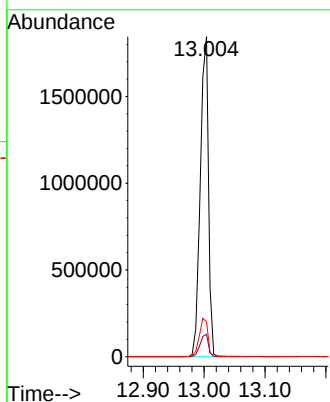
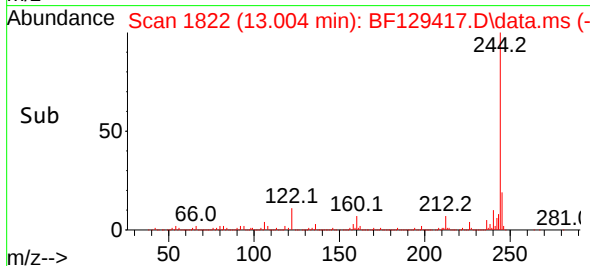


Tgt Ion:244 Resp: 1712384
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 10.9 8.8 13.2

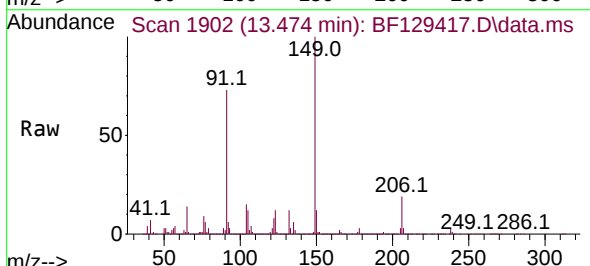
Manual Integrations

APPROVED

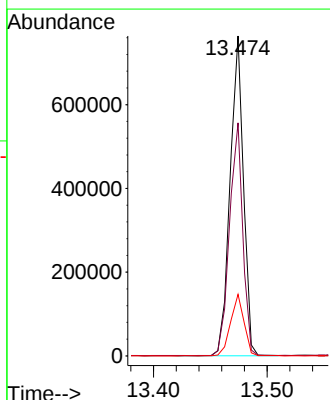
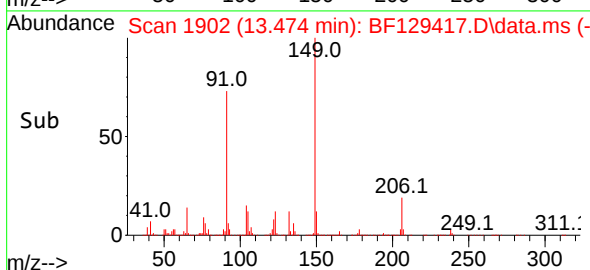
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

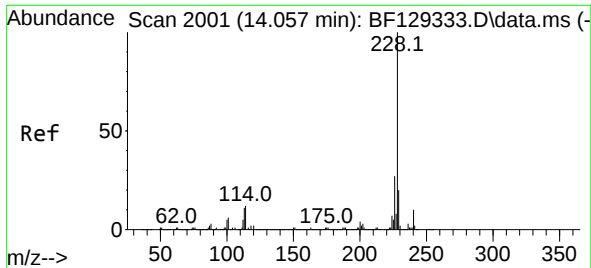


#80
 Butylbenzylphthalate
 Concen: 49.411 ng
 RT: 13.474 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: BF129417.D
 Acq: 28 Jul 2022 19:44



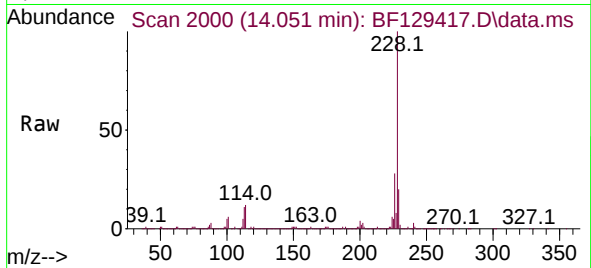
Tgt Ion:149 Resp: 624549
 Ion Ratio Lower Upper
 149 100
 91 72.8 61.2 91.8
 206 19.2 15.7 23.5





#81
Benzo(a)anthracene
Concen: 46.843 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

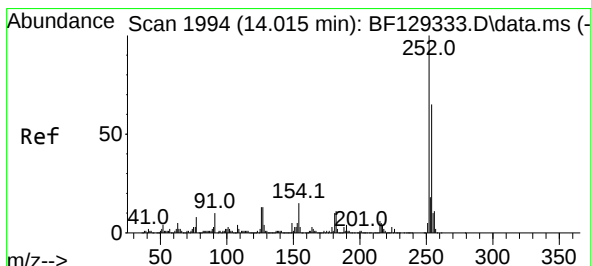
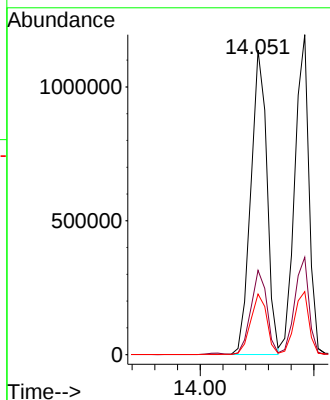
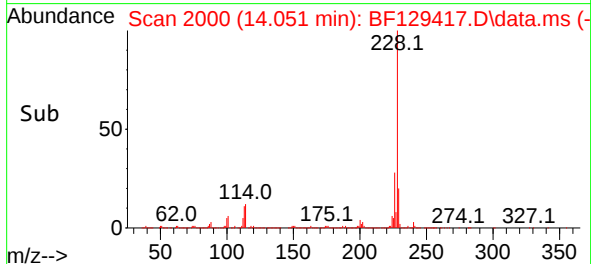
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:228 Resp: 1115086
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.9 15.8 23.8

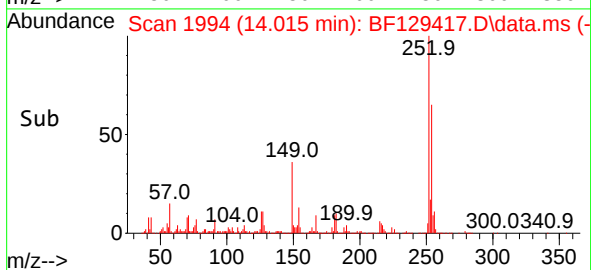
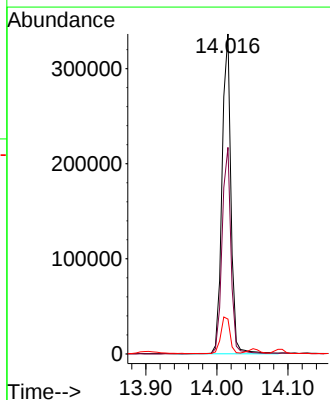
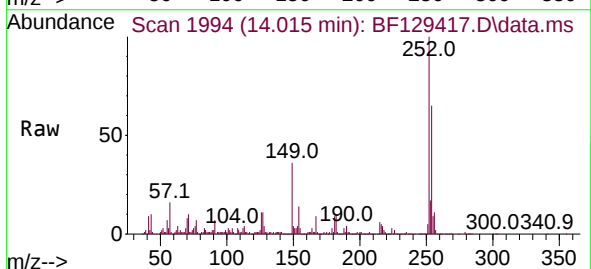
Manual Integrations
APPROVED

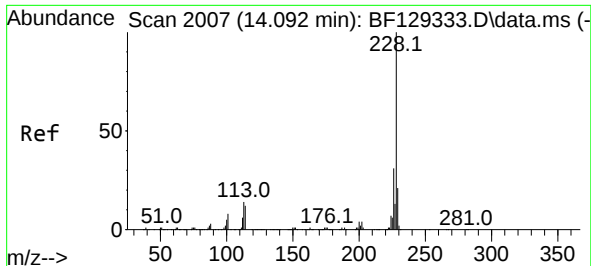
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 37.234 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

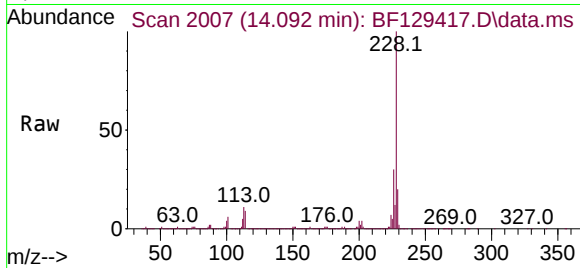
Tgt Ion:252 Resp: 292641
Ion Ratio Lower Upper
252 100
254 64.5 50.2 75.4
126 10.9 8.2 12.4





#83
Chrysene
Concen: 46.466 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

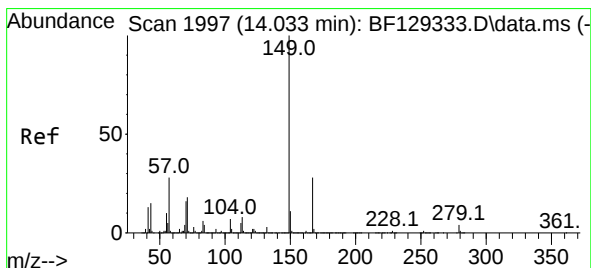
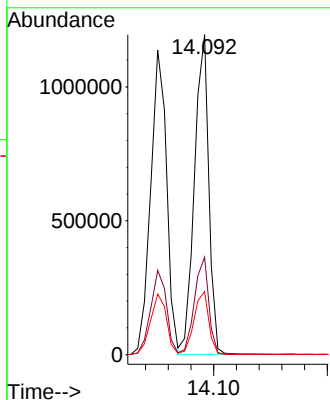
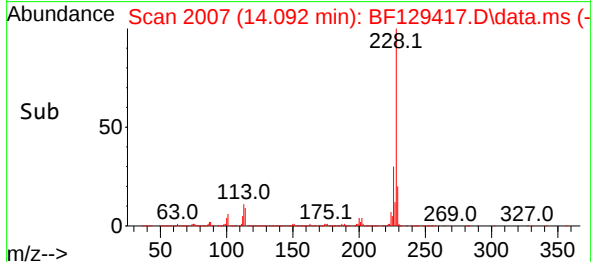
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:228 Resp: 1042465
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.7 15.9 23.9

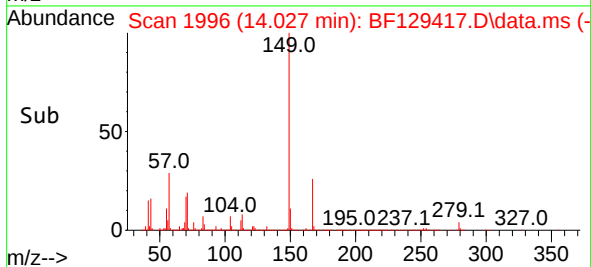
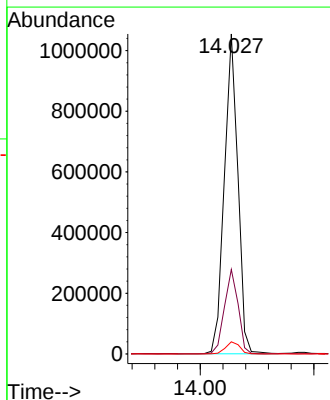
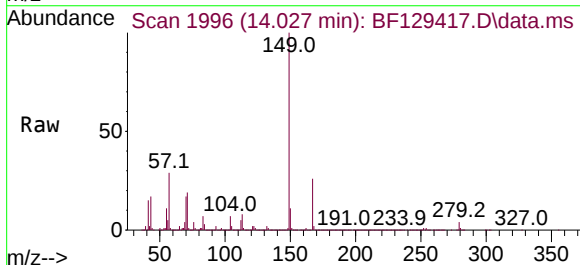
Manual Integrations
APPROVED

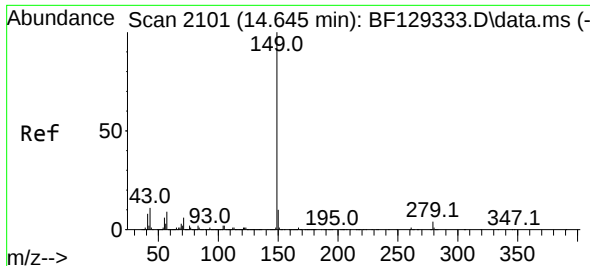
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.257 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

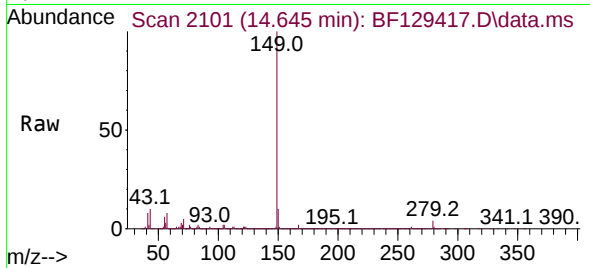
Tgt Ion:149 Resp: 869581
Ion Ratio Lower Upper
149 100
167 26.4 21.0 31.4
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 57.983 ng
RT: 14.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

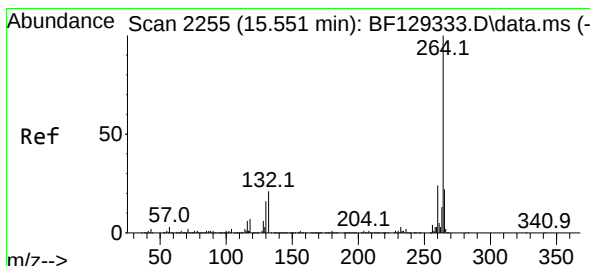
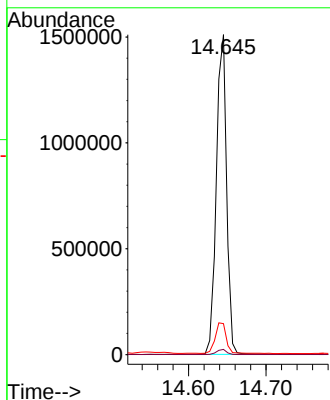
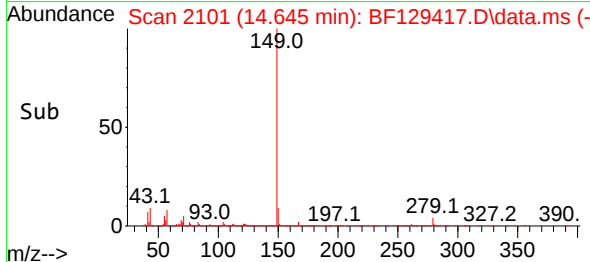
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



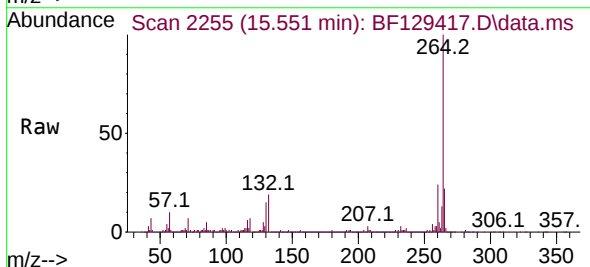
Tgt Ion:149 Resp: 1388468
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.4 9.2 13.8

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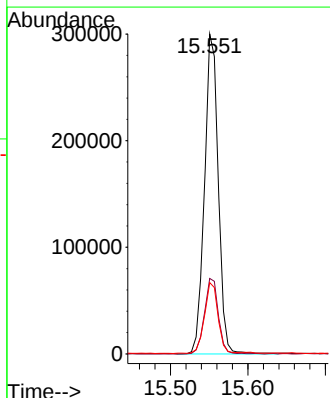
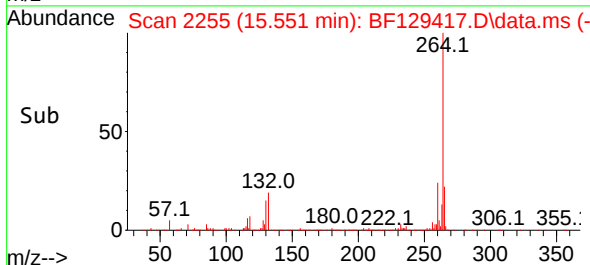
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

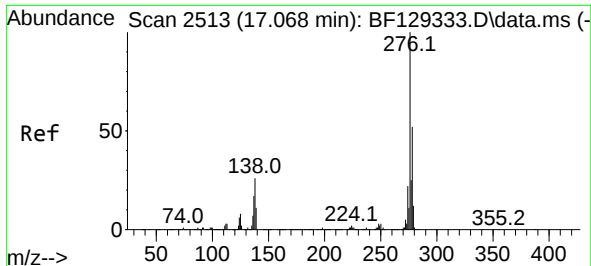


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44



Tgt Ion:264 Resp: 370218
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.226 ng
RT: 17.068 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

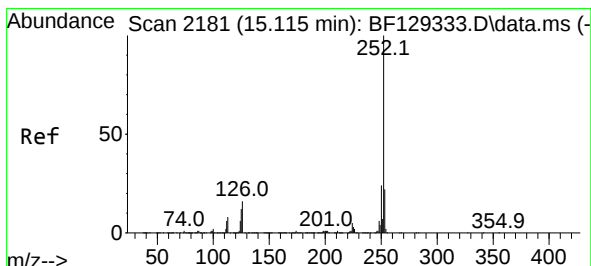
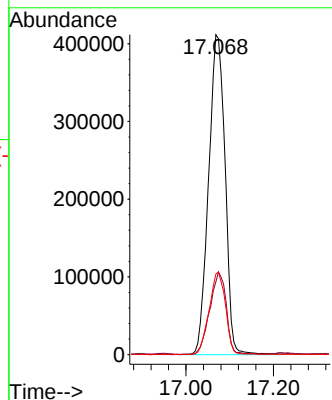
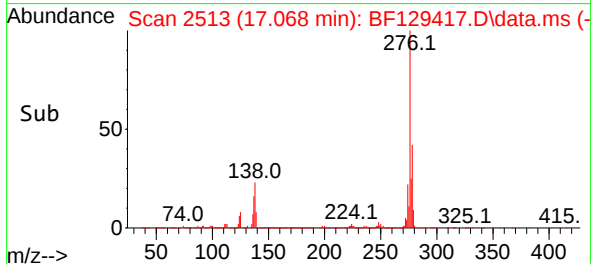
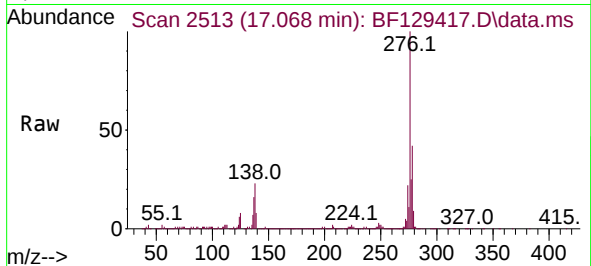
ClientSampleId :

RVE-56MSD

Tgt Ion:276 Resp: 1077653
Ion Ratio Lower Upper
276 100
138 25.6 21.1 31.7
277 25.4 20.3 30.5

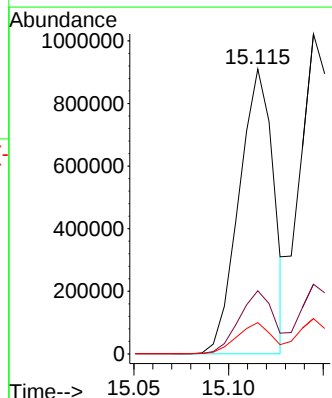
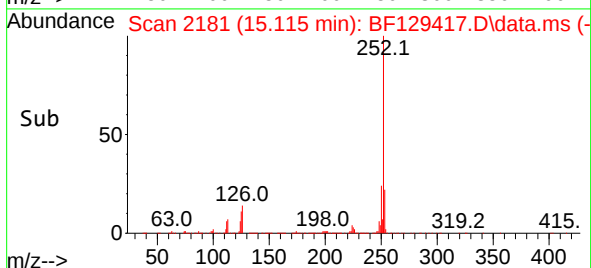
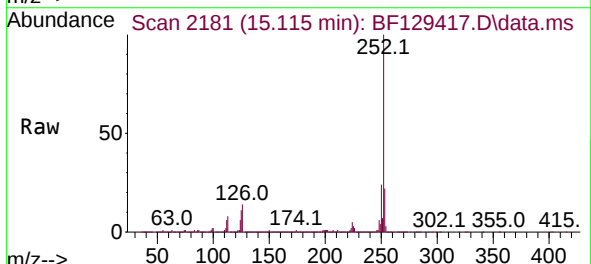
Manual Integrations
APPROVED

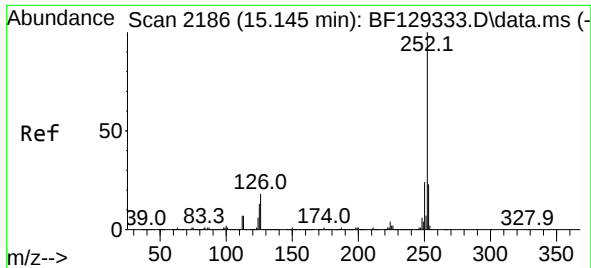
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#88
Benzo(b)fluoranthene
Concen: 47.143 ng
RT: 15.115 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

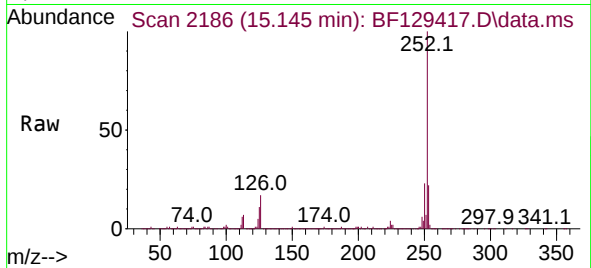
Tgt Ion:252 Resp: 1157731
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.0 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 46.787 ng
RT: 15.145 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

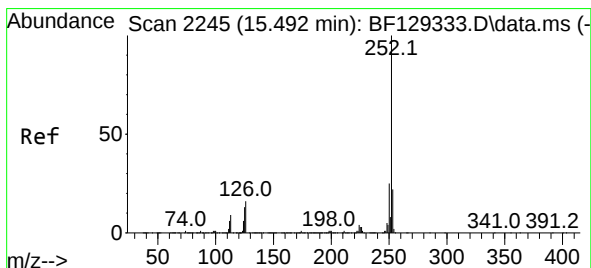
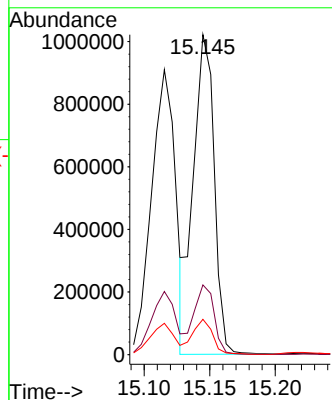
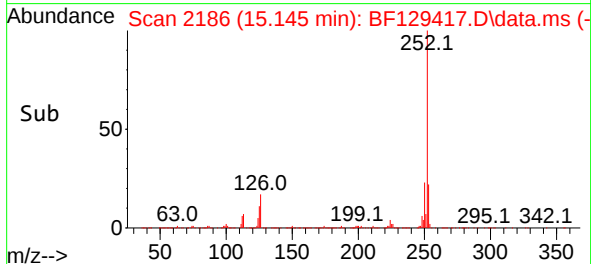
Instrument :
BNA_F
ClientSampleId :
RVE-56MSD



Tgt Ion:252 Resp: 1125968
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.0 8.3 12.5

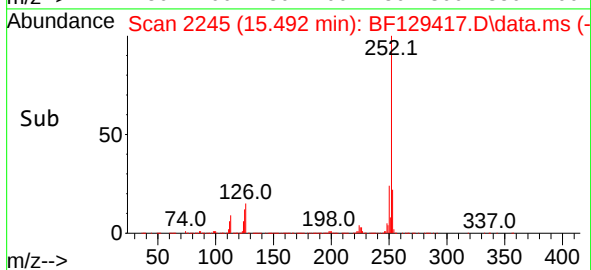
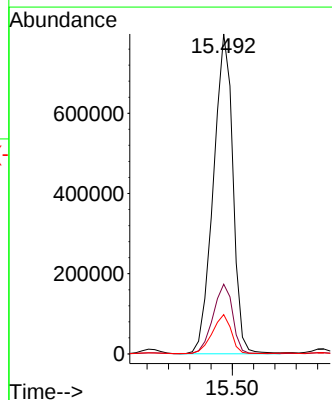
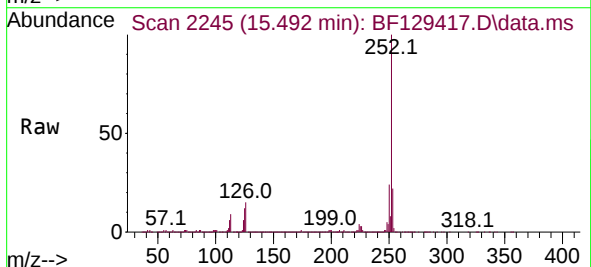
Manual Integrations
APPROVED

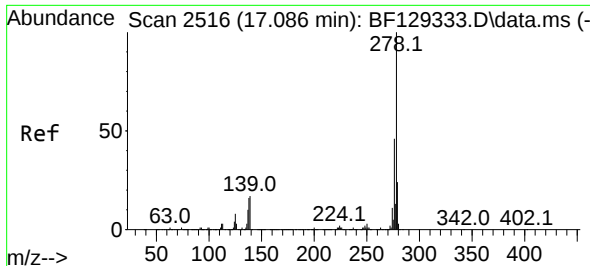
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#90
Benzo(a)pyrene
Concen: 50.952 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Tgt Ion:252 Resp: 1015738
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 45.965 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Instrument :

BNA_F

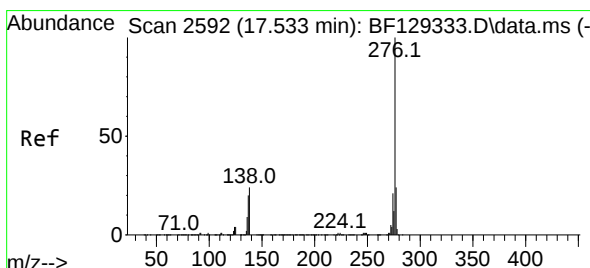
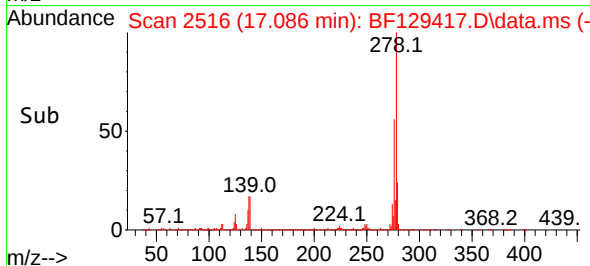
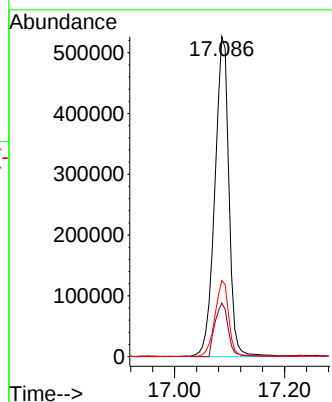
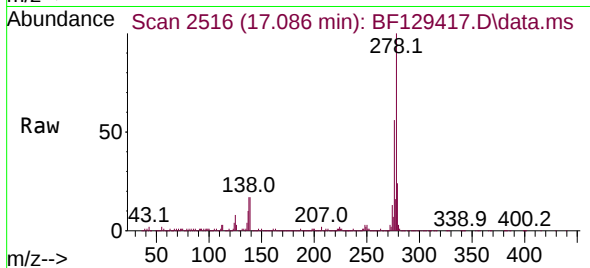
ClientSampleId :

RVE-56MSD

Tgt Ion:278 Resp: 932689
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 23.8 18.6 28.0

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



#92
Benzo(g,h,i)perylene
Concen: 43.004 ng
RT: 17.539 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF129417.D
Acq: 28 Jul 2022 19:44

Tgt Ion:276 Resp: 891656
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 22.2 18.0 27.0

