

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129402.D
 Acq On : 28 Jul 2022 11:24
 Operator : CG\JU
 Sample : PB146497BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146497BSD

Quant Time: Jul 29 02:06:54 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	241353	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	966283	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	499401	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	831656	20.000	ng	0.00
76) Chrysene-d12	14.068	240	559778	20.000	ng	0.00
86) Perylene-d12	15.557	264	434549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1831251	123.599	ng	0.03
7) Phenol-d6	6.534	99	2281914	122.533	ng	0.02
23) Nitrobenzene-d5	7.457	82	1524425	86.120	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	610961	127.247	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2528560	78.325	ng	0.00
79) Terphenyl-d14	13.010	244	2655940	89.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	231729	34.665	ng	90
3) Pyridine	3.563	79	562087	30.278	ng	93
4) n-Nitrosodimethylamine	3.510	42	372565	45.703	ng	# 91
6) Aniline	6.551	93	813110	35.121	ng	95
8) 2-Chlorophenol	6.675	128	775541	47.912	ng	96
9) Benzaldehyde	6.440	77	208799	16.510	ng	97
10) Phenol	6.545	94	910594	45.916	ng	85
11) bis(2-Chloroethyl)ether	6.622	93	726564	46.196	ng	94
12) 1,3-Dichlorobenzene	6.828	146	780205	44.942	ng	97
13) 1,4-Dichlorobenzene	6.904	146	786265	44.533	ng	99
14) 1,2-Dichlorobenzene	7.057	146	756532	46.618	ng	100
15) Benzyl Alcohol	7.034	79	649780	48.109	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	982035	41.539	ng	84
17) 2-Methylphenol	7.145	107	601009	44.756	ng	96
18) Hexachloroethane	7.392	117	302488	45.500	ng	# 88
19) n-Nitroso-di-n-propyla...	7.304	70	498130	44.184	ng	93
20) 3+4-Methylphenols	7.298	107	705115	41.298	ng	# 83
22) Acetophenone	7.298	105	982886	43.690	ng	# 92
24) Nitrobenzene	7.475	77	785802	43.110	ng	95
25) Isophorone	7.710	82	1431828	45.126	ng	99
26) 2-Nitrophenol	7.787	139	409085	45.492	ng	96
27) 2,4-Dimethylphenol	7.828	122	663973	49.225	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	864453	46.965	ng	99
29) 2,4-Dichlorophenol	8.028	162	605960	43.525	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	630330	43.741	ng	97
31) Naphthalene	8.192	128	2062095	42.004	ng	99
32) Benzoic acid	7.957	122	351457	36.042	ng	97
33) 4-Chloroaniline	8.239	127	571321	28.346	ng	99
34) Hexachlorobutadiene	8.304	225	365553	44.626	ng	100
35) Caprolactam	8.634	113	113141	24.996	ng	# 79
36) 4-Chloro-3-methylphenol	8.734	107	664885	45.028	ng	94
37) 2-Methylnaphthalene	8.881	142	1366386	42.829	ng	98
38) 1-Methylnaphthalene	8.981	142	1281289	41.603	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	585713	44.666	ng	98
41) Hexachlorocyclopentadiene	9.034	237	624647	106.975	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	411992	43.257	ng	98

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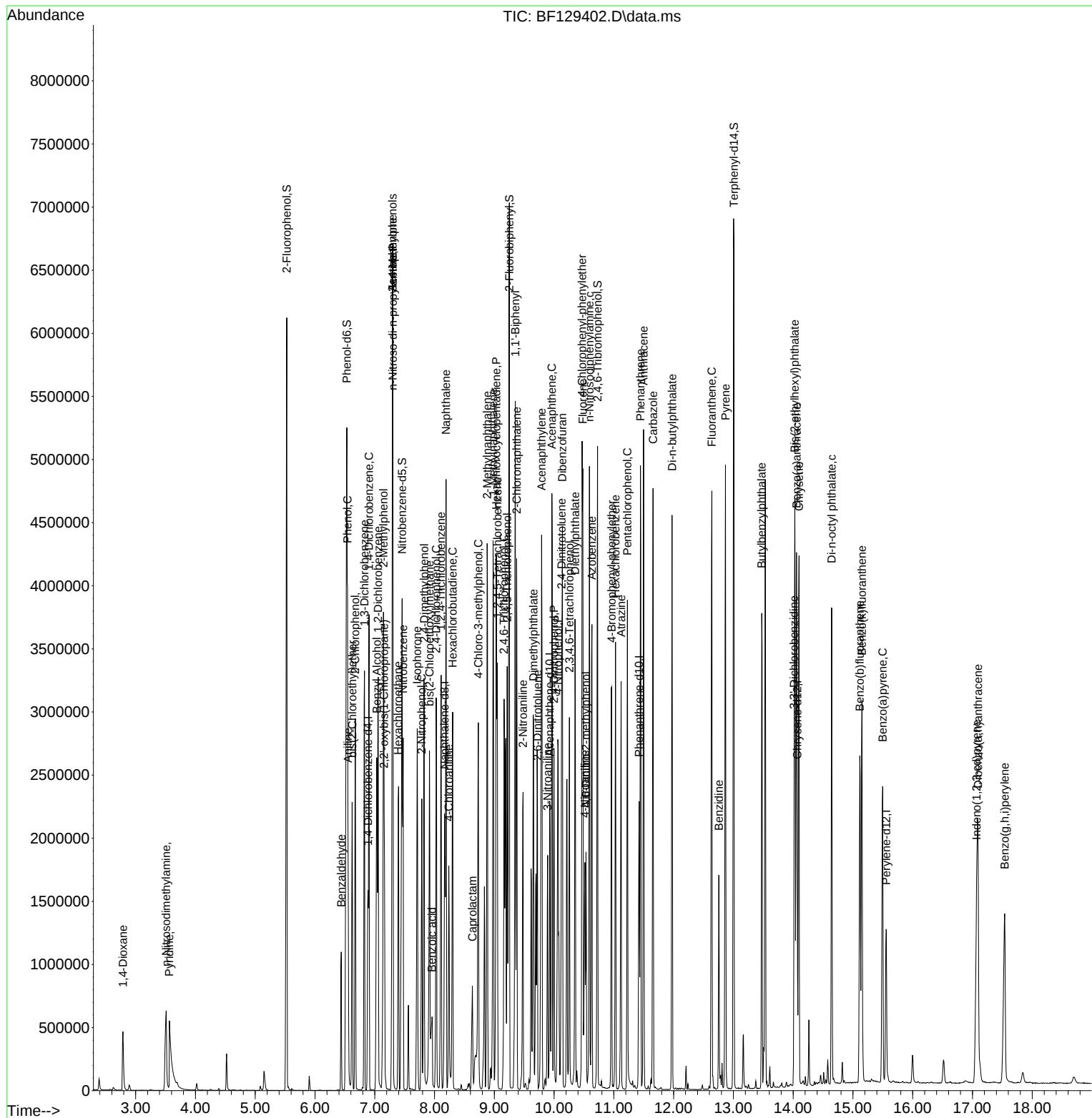
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	425794	41.110	ng	# 92
46) 1,1'-Biphenyl	9.351	154	1590655	43.644	ng	100
47) 2-Chloronaphthalene	9.375	162	1256457	42.645	ng	99
48) 2-Nitroaniline	9.481	65	423957	43.273	ng	# 83
49) Acenaphthylene	9.792	152	1980037	44.228	ng	99
50) Dimethylphthalate	9.657	163	1468588	42.598	ng	100
51) 2,6-Dinitrotoluene	9.722	165	340364	44.110	ng	91
52) Acenaphthene	9.963	154	1128330	38.588	ng	100
53) 3-Nitroaniline	9.892	138	285779	31.364	ng	# 90
54) 2,4-Dinitrophenol	9.998	184	347688	88.265	ng	94
55) Dibenzofuran	10.139	168	1708972	42.397	ng	97
56) 4-Nitrophenol	10.063	139	530467	78.914	ng	92
57) 2,4-Dinitrotoluene	10.128	165	444461	44.093	ng	95
58) Fluorene	10.480	166	1349066	41.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	328375	41.026	ng	92
60) Diethylphthalate	10.351	149	1410389	42.320	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	610413	42.931	ng	92
62) 4-Nitroaniline	10.516	138	363873	40.256	ng	97
63) Azobenzene	10.633	77	1396867	41.094	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	224826	42.830	ng	96
66) n-Nitrosodiphenylamine	10.592	169	1189183	42.937	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	398610	43.770	ng	98
68) Hexachlorobenzene	11.027	284	446552	45.255	ng	99
69) Atrazine	11.122	200	365549	43.453	ng	97
70) Pentachlorophenol	11.227	266	427904	79.768	ng	97
71) Phenanthrene	11.445	178	1909799	42.068	ng	100
72) Anthracene	11.498	178	1936468	43.406	ng	99
73) Carbazole	11.657	167	1834235	43.676	ng	100
74) Di-n-butylphthalate	11.974	149	2112022	42.230	ng	100
75) Fluoranthene	12.639	202	1980874	43.064	ng	100
77) Benzidine	12.757	184	609247	30.808	ng	99
78) Pyrene	12.869	202	2023014	43.217	ng	100
80) Butylbenzylphthalate	13.474	149	894922	44.076	ng	99
81) Benzo(a)anthracene	14.057	228	1662417	43.475	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	461211	36.531	ng	# 98
83) Chrysene	14.098	228	1513443	41.996	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1173091	43.886	ng	100
85) Di-n-octyl phthalate	14.645	149	1734217	45.084	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1341886	45.856	ng	99
88) Benzo(b)fluoranthene	15.115	252	1410700	48.940	ng	98
89) Benzo(k)fluoranthene	15.151	252	1287058	45.564	ng	99
90) Benzo(a)pyrene	15.498	252	1269699	54.262	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	1154332	48.466	ng	100
92) Benzo(g,h,i)perylene	17.539	276	1193964	49.059	ng	99

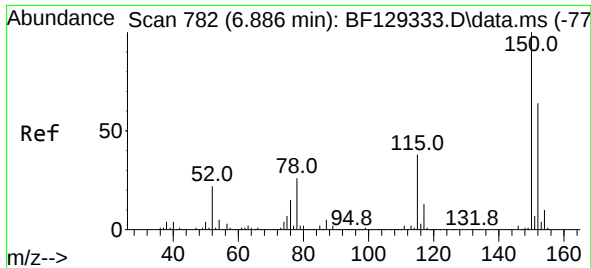
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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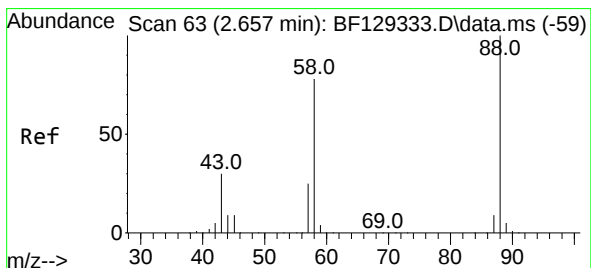
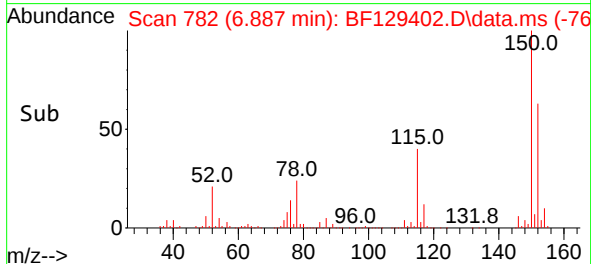
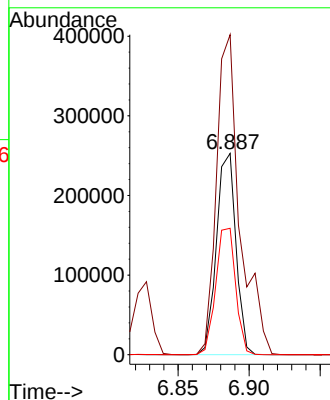
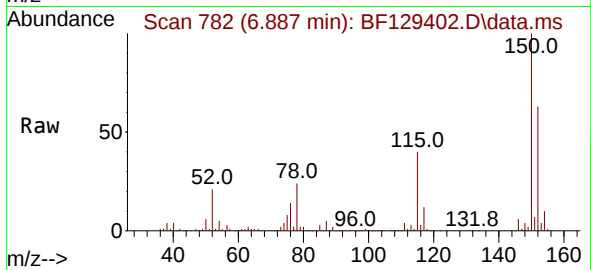




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF129402.D
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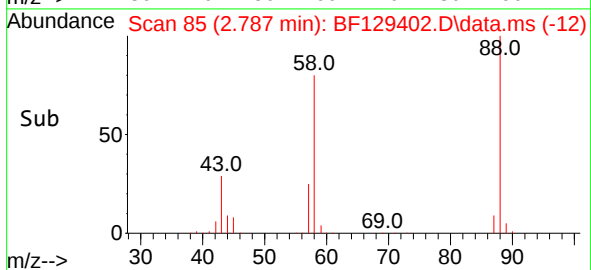
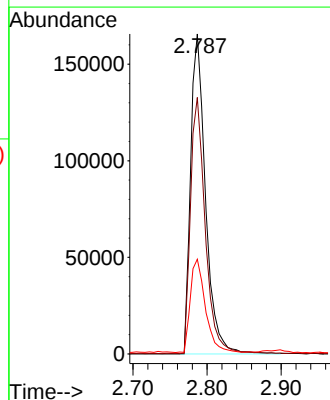
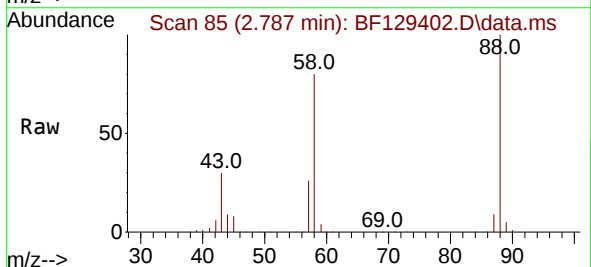
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 ClientSampleId :
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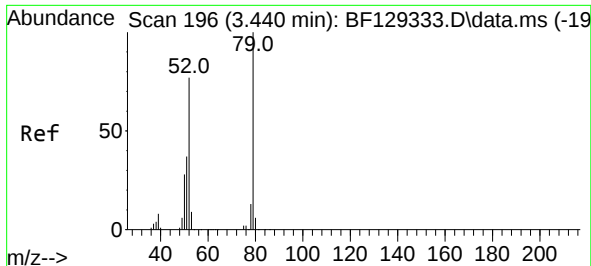
Tgt Ion:152 Resp: 241353
 Ion Ratio Lower Upper
 152 100
 150 159.0 123.7 185.5
 115 62.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 34.665 ng
 RT: 2.787 min Scan# 85
 Delta R.T. 0.129 min
 Lab File: BF129402.D
 Acq: 28 Jul 2022 11:24

Tgt Ion: 88 Resp: 231729
 Ion Ratio Lower Upper
 88 100
 58 79.3 71.8 107.8
 43 29.5 26.6 39.8

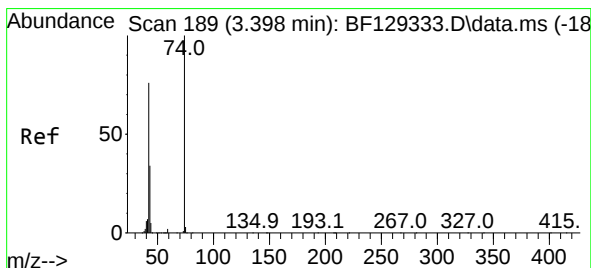
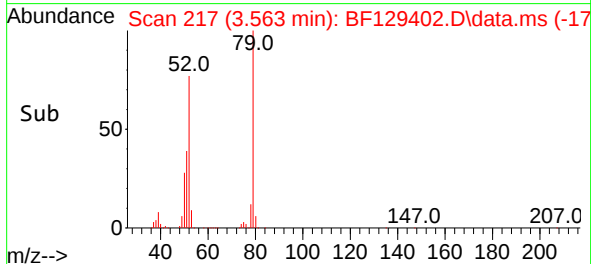
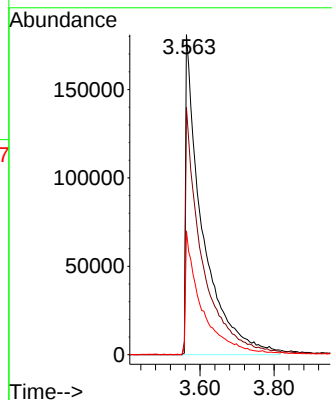
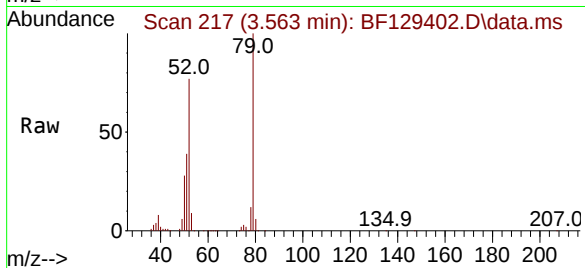




#3
Pyridine
Concen: 30.278 ng
RT: 3.563 min Scan# 21
Delta R.T. 0.124 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

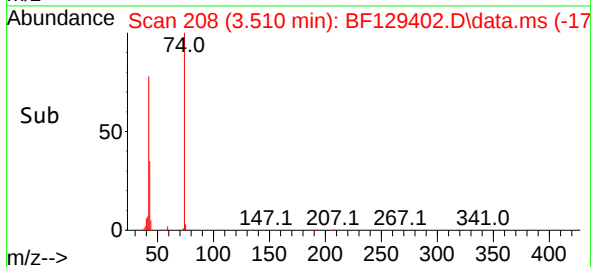
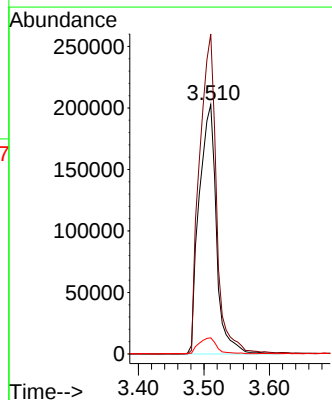
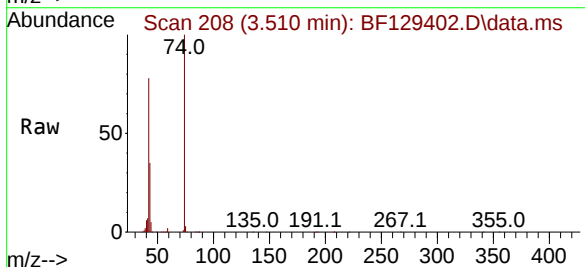
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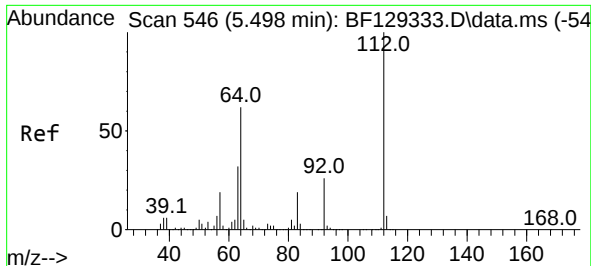
Tgt Ion: 79 Resp: 562087
Ion Ratio Lower Upper
79 100
52 77.2 68.6 102.8
51 38.7 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 45.703 ng
RT: 3.510 min Scan# 208
Delta R.T. 0.112 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion: 42 Resp: 372565
Ion Ratio Lower Upper
42 100
74 128.4 94.8 142.2
44 6.5 6.6 10.0#

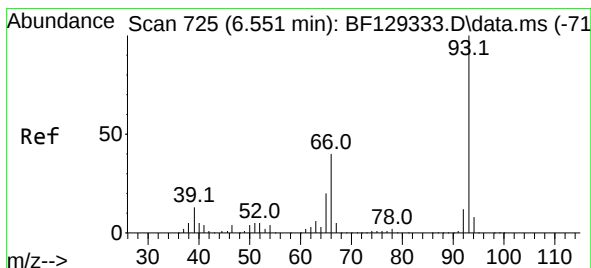
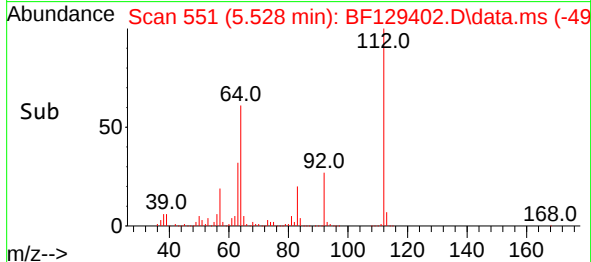
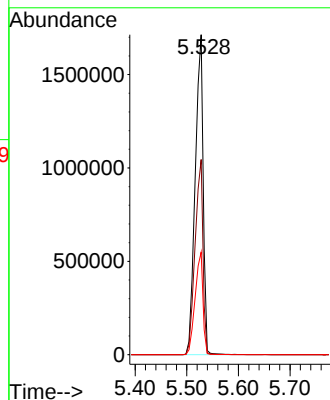
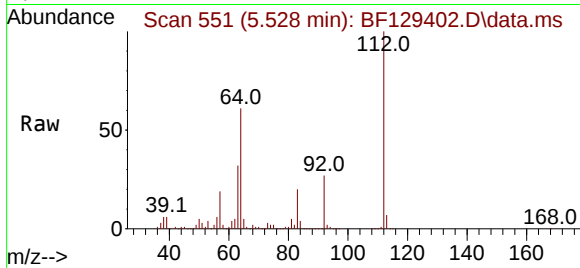




#5
2-Fluorophenol
Concen: 123.599 ng
RT: 5.528 min Scan# 511
Delta R.T. 0.029 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

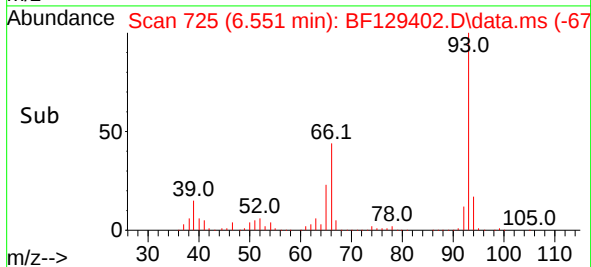
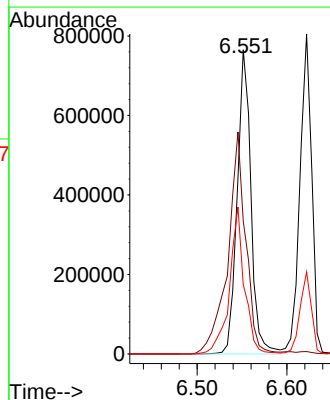
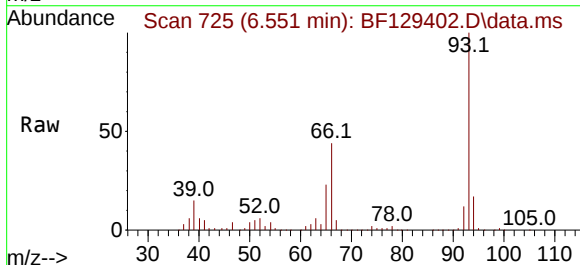
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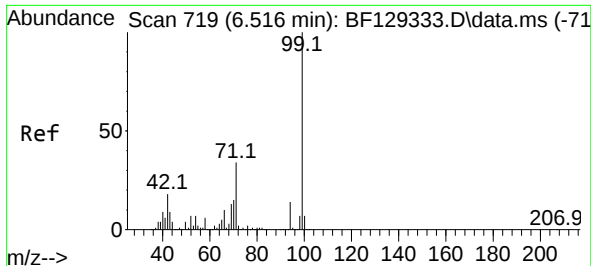
Tgt Ion:112 Resp: 1831251
Ion Ratio Lower Upper
112 100
64 61.0 53.3 79.9
63 32.0 28.0 42.0



#6
Aniline
Concen: 35.121 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion: 93 Resp: 813110
Ion Ratio Lower Upper
93 100
66 43.7 32.5 48.7
65 22.8 16.4 24.6



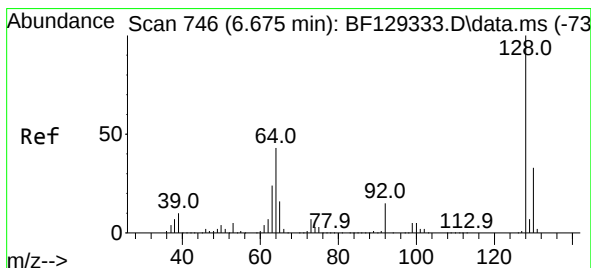
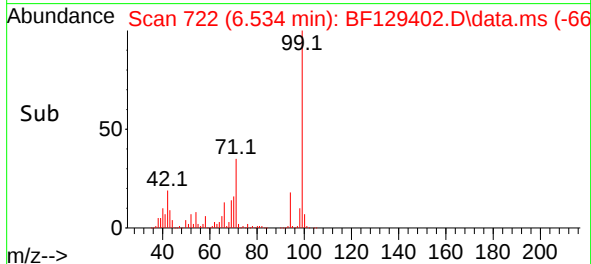
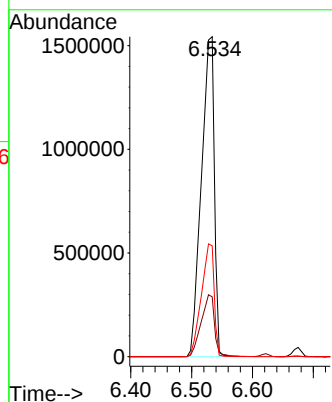
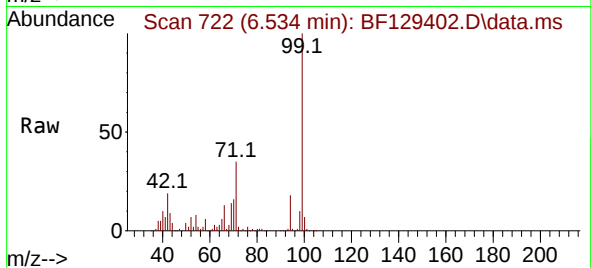


#7
Phenol-d6
Concen: 122.533 ng
RT: 6.534 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Instrument :
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Tgt Ion: 99 Resp: 2281914

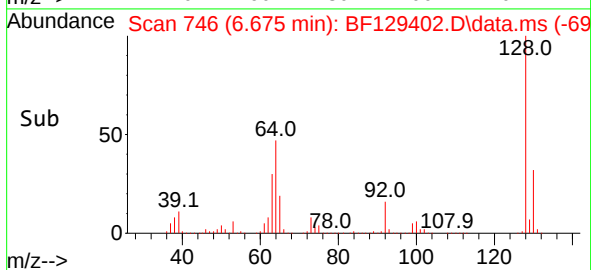
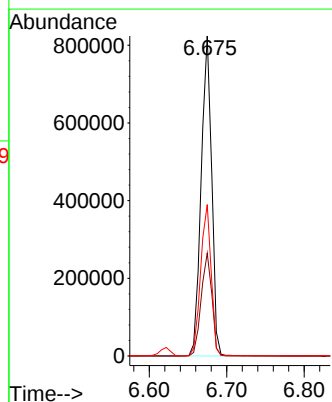
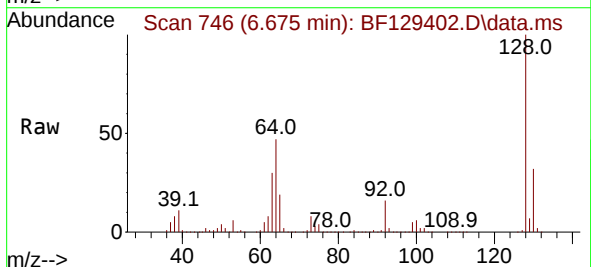
Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.3	25.9
71	34.6	28.9	43.3

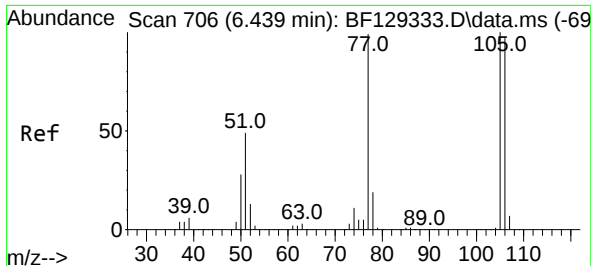


#8
2-Chlorophenol
Concen: 47.912 ng
RT: 6.675 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion: 128 Resp: 775541

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.1	53.1
64	47.3	30.9	70.9

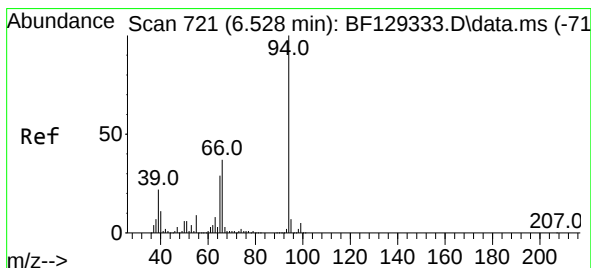
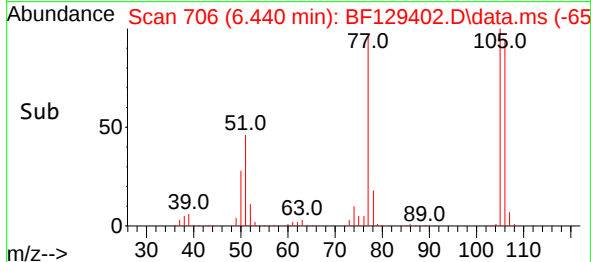
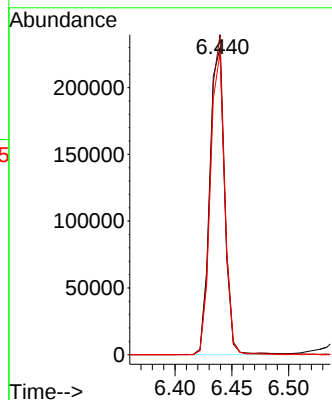
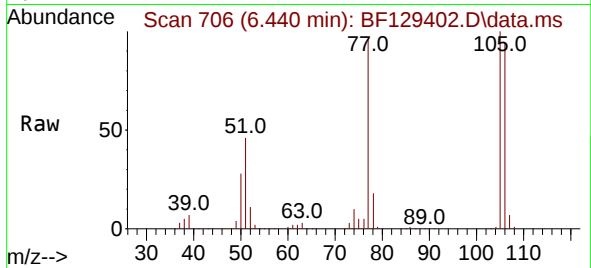




#9
Benzaldehyde
Concen: 16.510 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF129402.D
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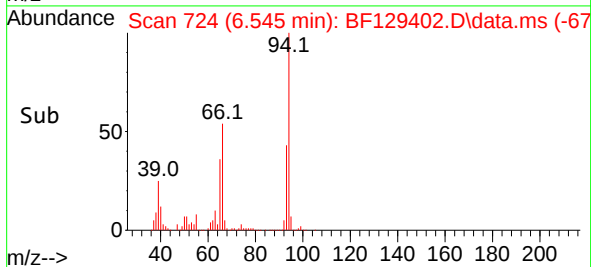
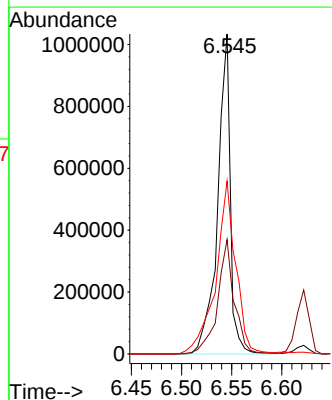
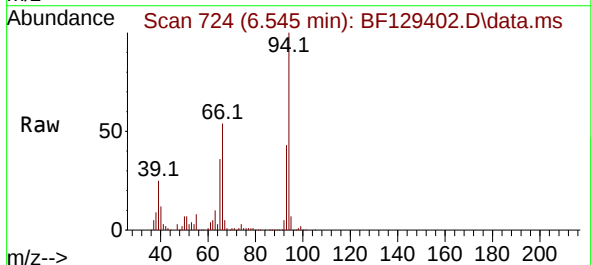
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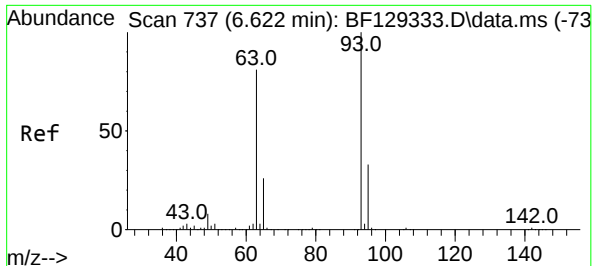
Tgt Ion: 77 Resp: 208799
Ion Ratio Lower Upper
77 100
105 104.3 81.6 121.6
106 98.4 76.1 116.1



#10
Phenol
Concen: 45.916 ng
RT: 6.545 min Scan# 724
Delta R.T. 0.018 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion: 94 Resp: 910594
Ion Ratio Lower Upper
94 100
65 35.7 11.4 51.4
66 54.0 21.4 61.4

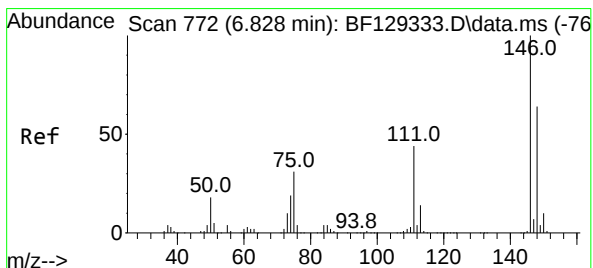
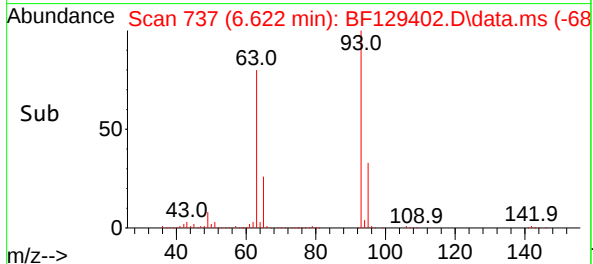
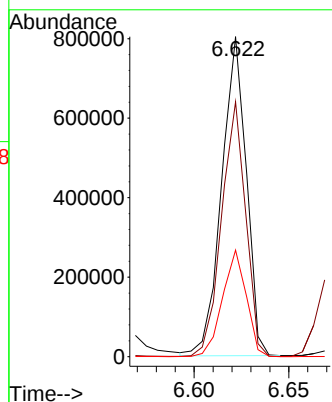
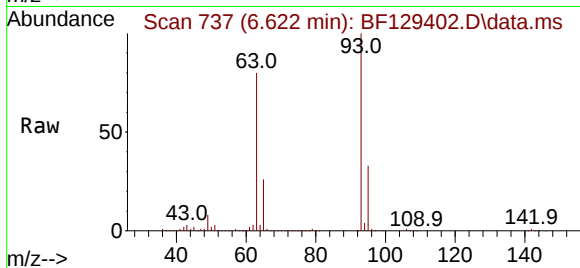




#11
bis(2-Chloroethyl)ether
Concen: 46.196 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

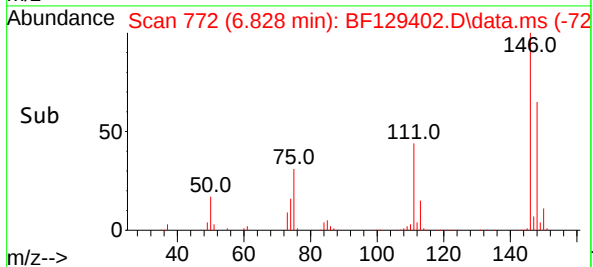
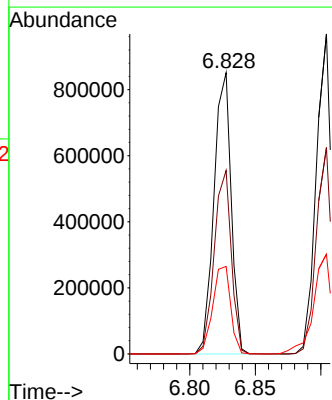
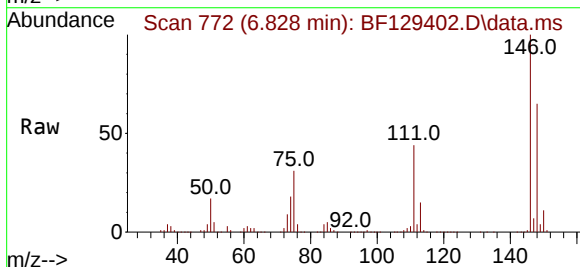
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

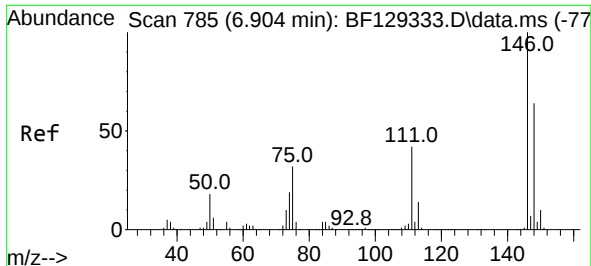
Tgt Ion: 93	Resp: 726564
Ion Ratio	Lower Upper
93 100	
63 79.6	67.4 107.4
95 33.3	12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.942 ng
RT: 6.828 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:146	Resp: 780205		
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.6	75.8
75	31.1	26.3	39.5





#13

1,4-Dichlorobenzene

Concen: 44.533 ng

RT: 6.904 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB146497BSD

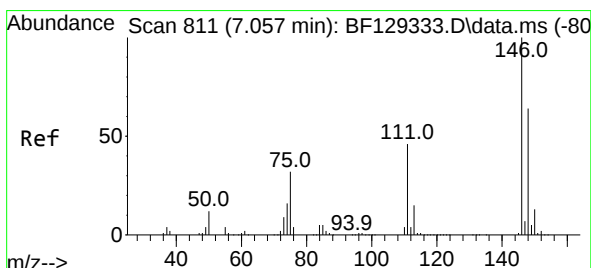
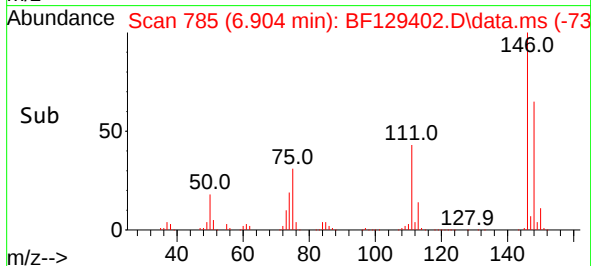
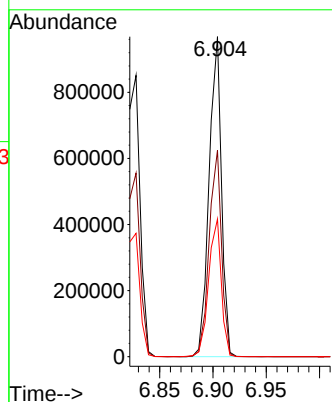
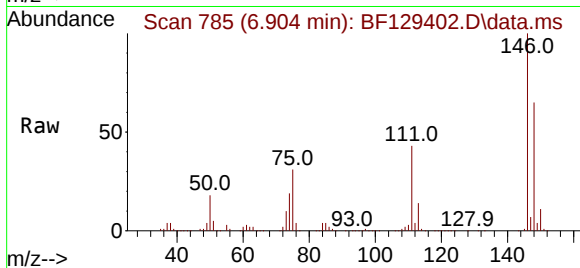
Tgt Ion:146 Resp: 786265

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

111 43.0 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 46.618 ng

RT: 7.057 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

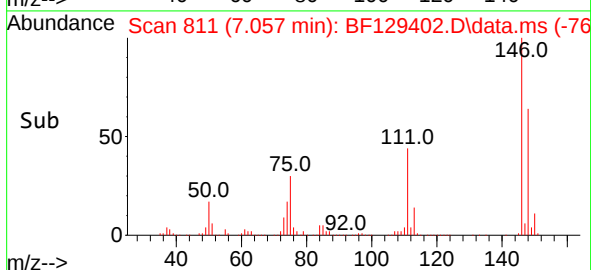
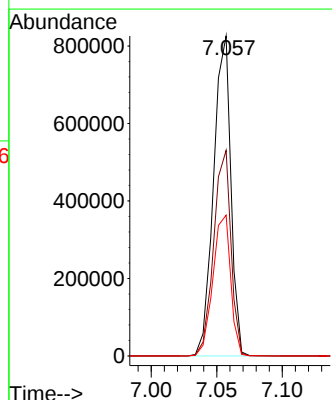
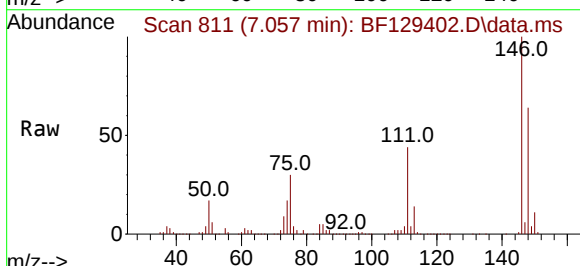
Tgt Ion:146 Resp: 756532

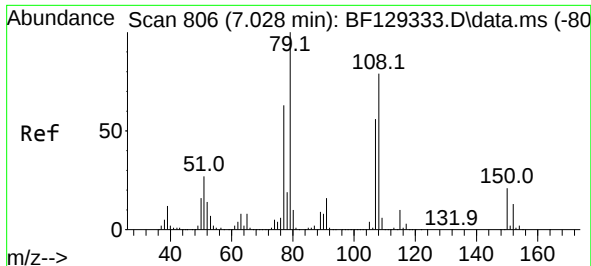
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

111 44.0 35.1 52.7

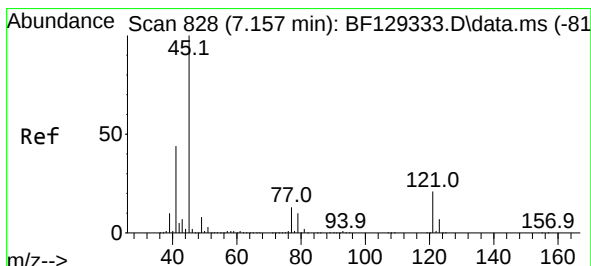
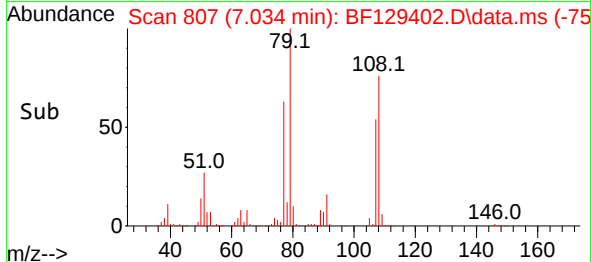
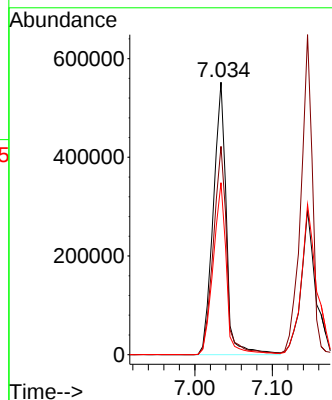
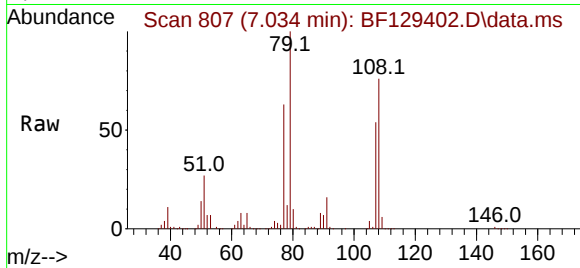




#15
Benzyl Alcohol
Concen: 48.109 ng
RT: 7.034 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

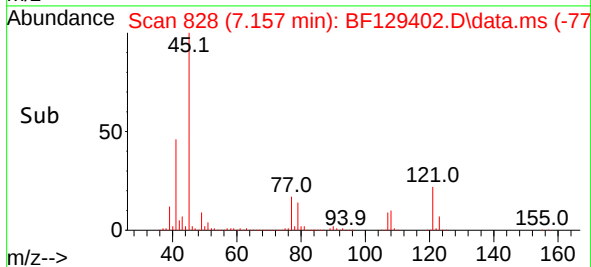
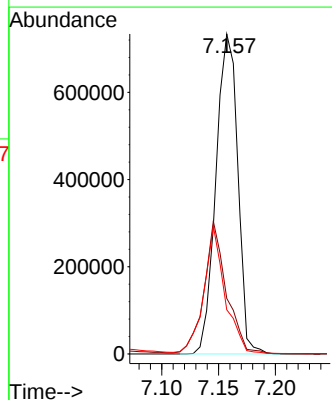
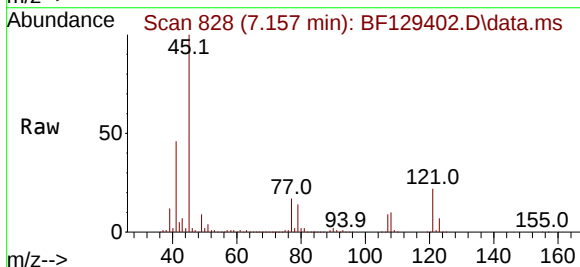
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

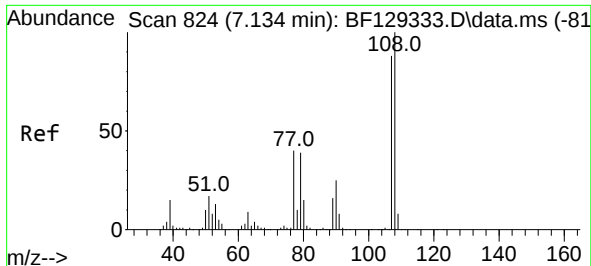
Tgt Ion: 79 Resp: 649780
Ion Ratio Lower Upper
79 100
108 76.4 61.8 92.6
77 63.1 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.539 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion: 45 Resp: 982035
Ion Ratio Lower Upper
45 100
77 17.4 0.0 31.3
79 13.8 0.0 28.3





#17

2-Methylphenol

Concen: 44.756 ng

RT: 7.145 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB146497BSD

Tgt Ion:107 Resp: 601009

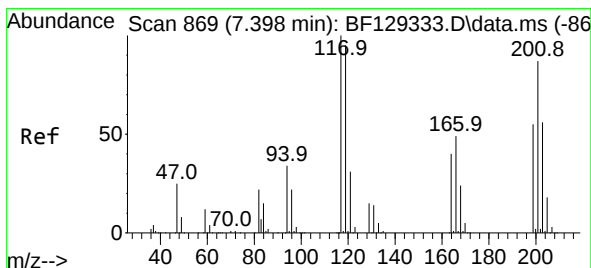
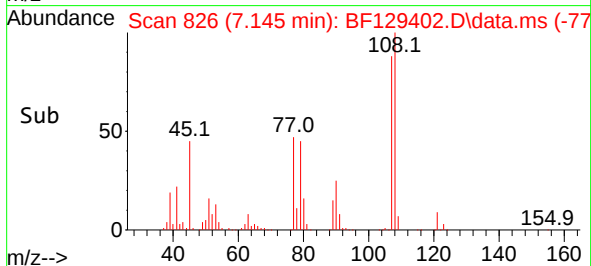
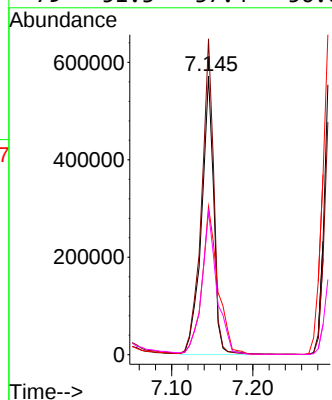
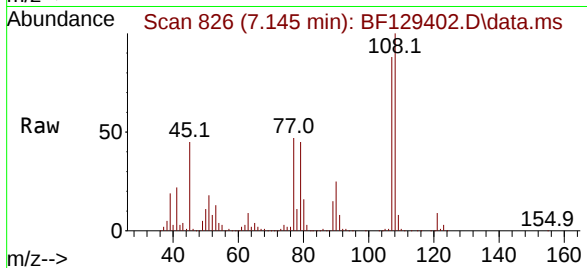
Ion Ratio Lower Upper

107 100

108 113.4 91.9 137.9

77 53.2 37.8 56.8

79 51.3 37.4 56.0



#18

Hexachloroethane

Concen: 45.500 ng

RT: 7.392 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

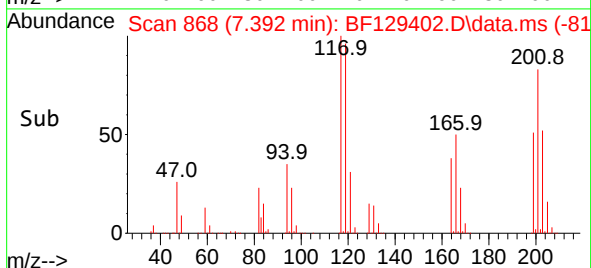
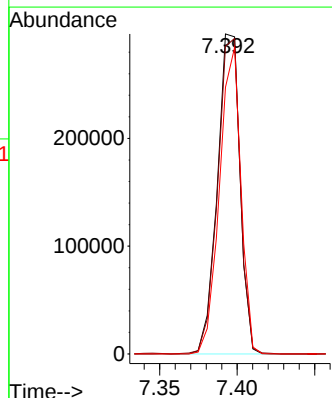
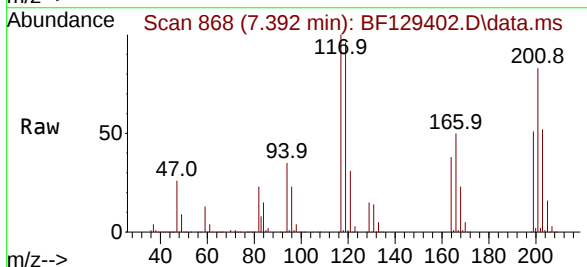
Tgt Ion:117 Resp: 302488

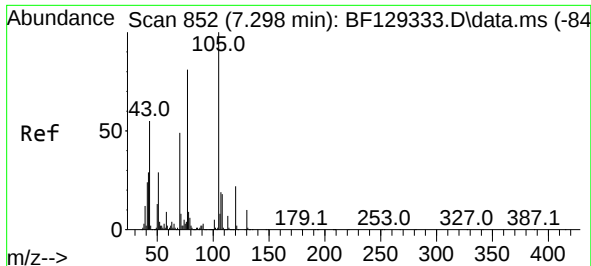
Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.2

201 83.3 84.6 127.0#



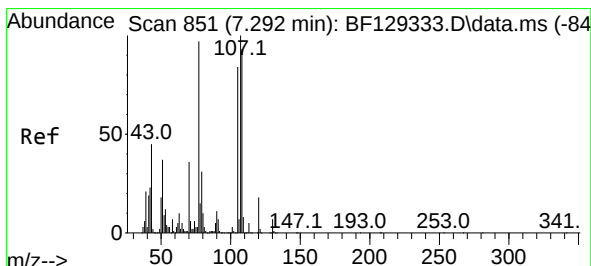
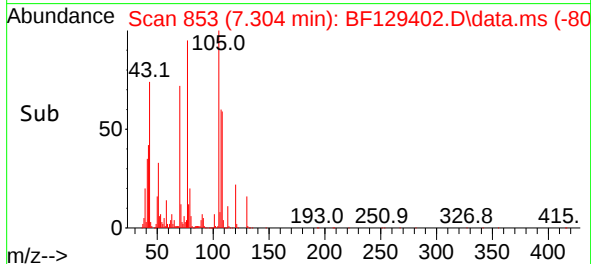
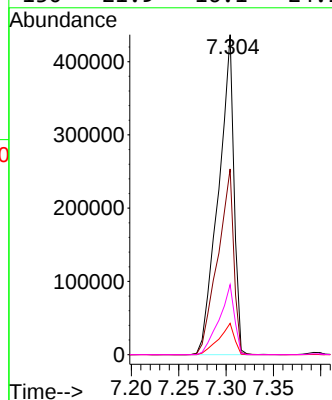
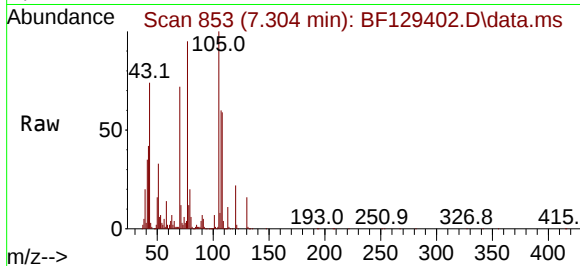


#19
n-Nitroso-di-n-propylamine
Concen: 44.184 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Instrument :
BNA_F
ClientSampleId :
PB146497BSD

Tgt Ion: 70 Resp: 498130

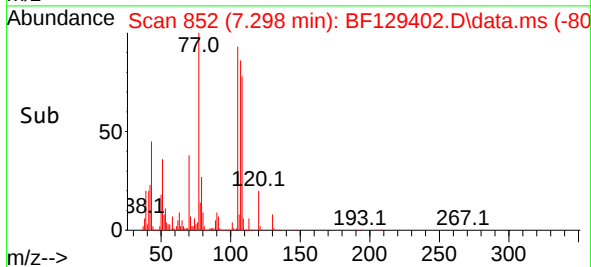
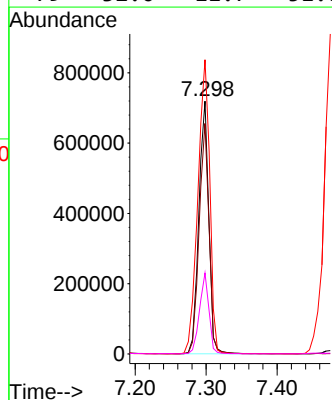
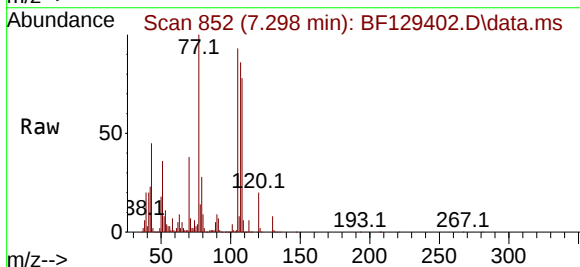
Ion	Ratio	Lower	Upper
70	100		
42	58.1	52.3	78.5
101	9.8	7.5	11.3
130	21.9	16.1	24.1

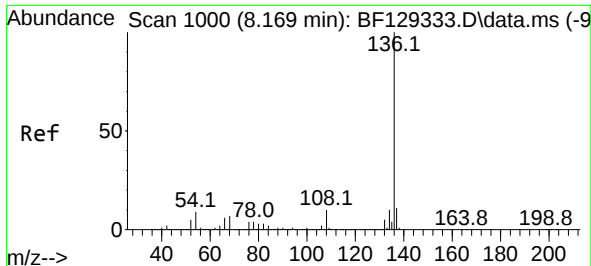


#20
3+4-Methylphenols
Concen: 41.298 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion: 107 Resp: 705115

Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.8	111.8
77	116.4	59.3	99.3#
79	32.0	11.7	51.7



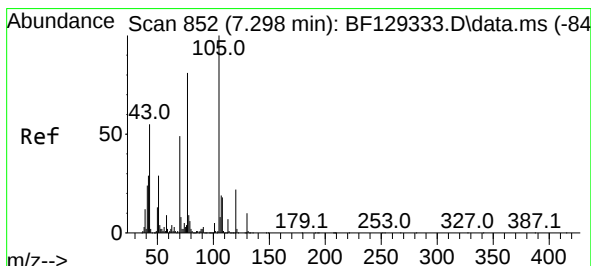
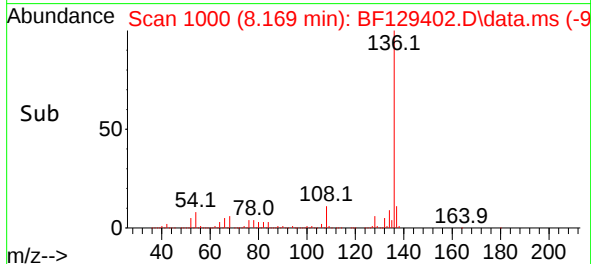
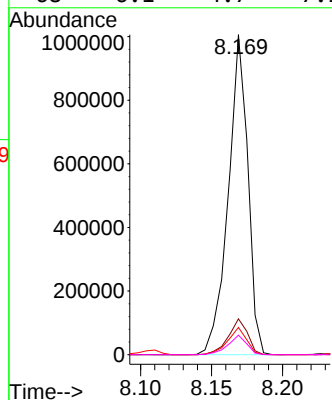
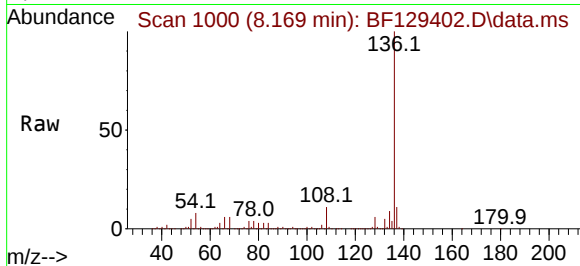


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Instrument :
BNA_F
ClientSampleId :
PB146497BSD

Tgt Ion:136 Resp: 966283

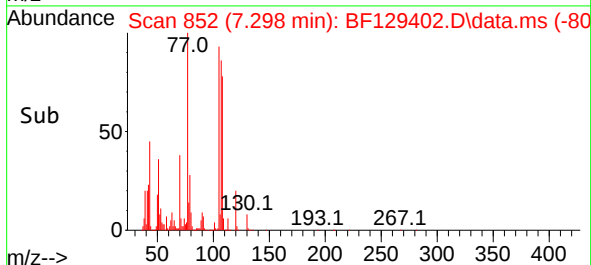
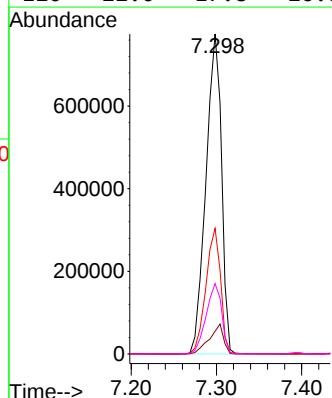
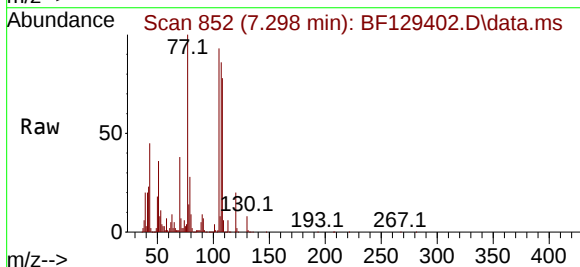
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	7.5	11.3
68	6.1	4.7	7.1

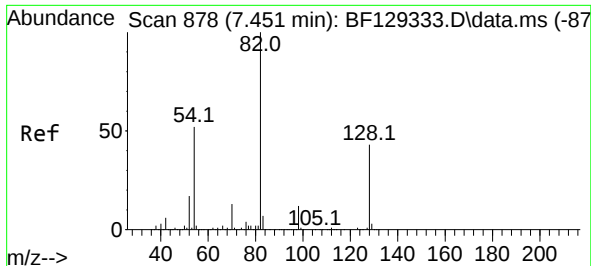


#22
Acetophenone
Concen: 43.690 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:105 Resp: 982886

Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.0	7.4
51	39.2	25.0	37.4
120	22.0	17.8	26.8





#23

Nitrobenzene-d5

Concen: 86.120 ng

RT: 7.457 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB146497BSD

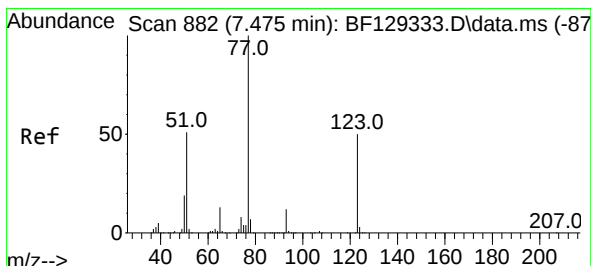
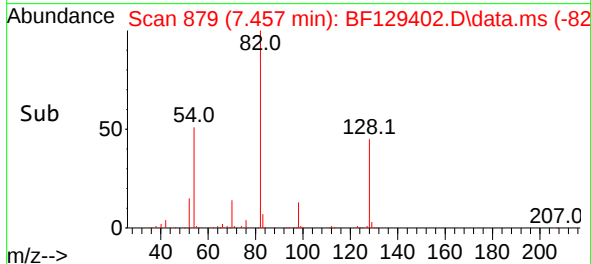
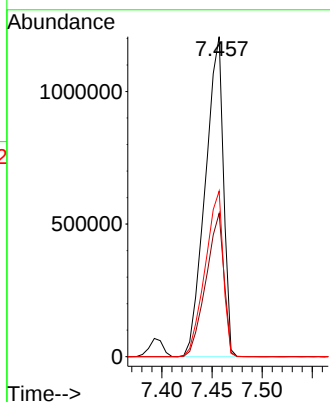
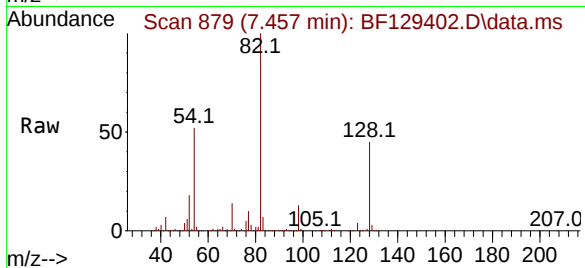
Tgt Ion: 82 Resp: 1524425

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

54 51.7 46.9 70.3



#24

Nitrobenzene

Concen: 43.110 ng

RT: 7.475 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

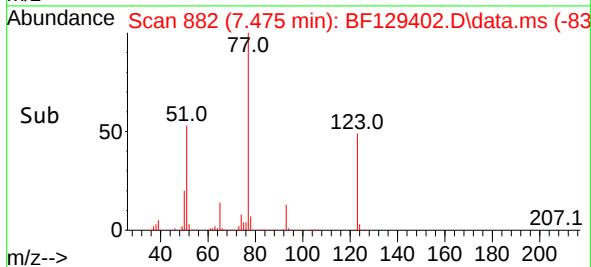
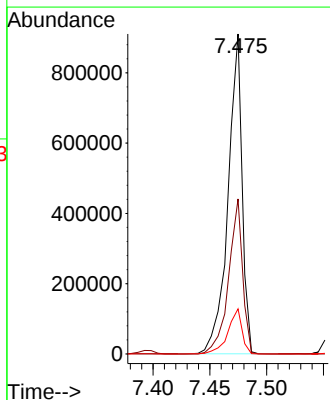
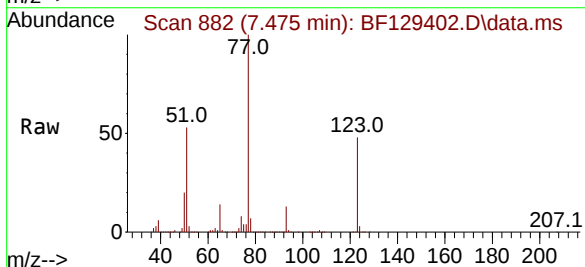
Tgt Ion: 77 Resp: 785802

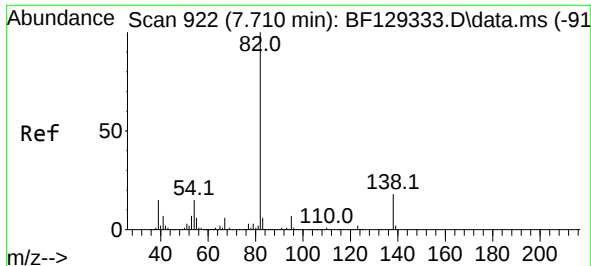
Ion Ratio Lower Upper

77 100

123 48.5 35.4 53.2

65 14.1 11.8 17.8

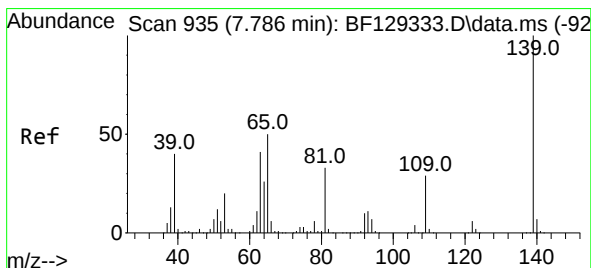
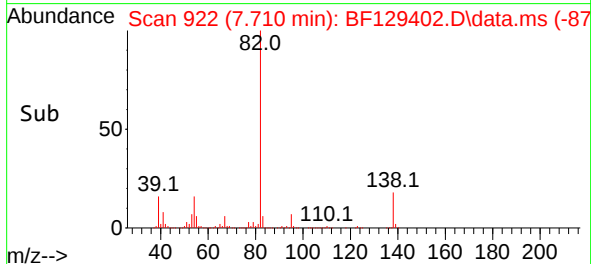
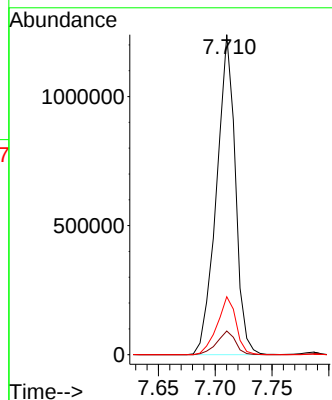
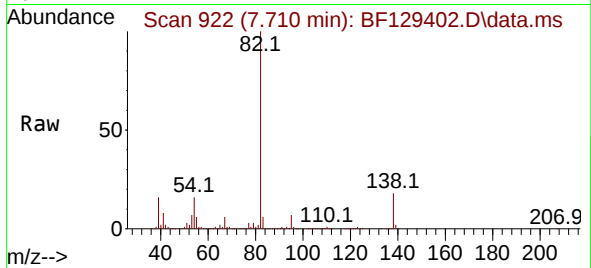




#25
Isophorone
Concen: 45.126 ng
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

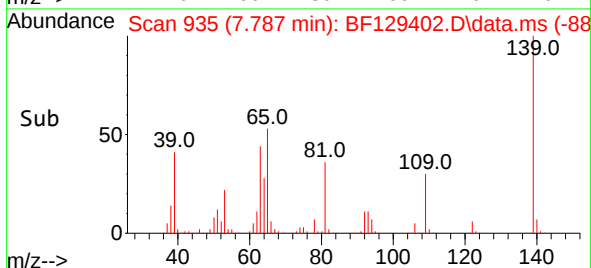
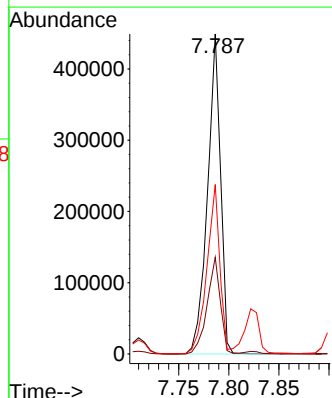
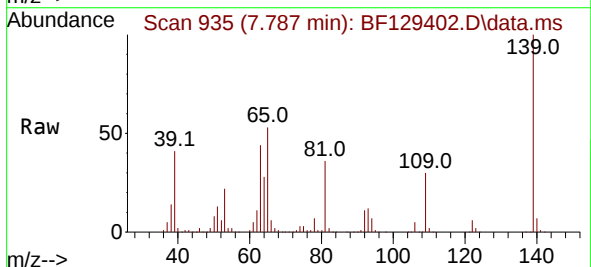
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

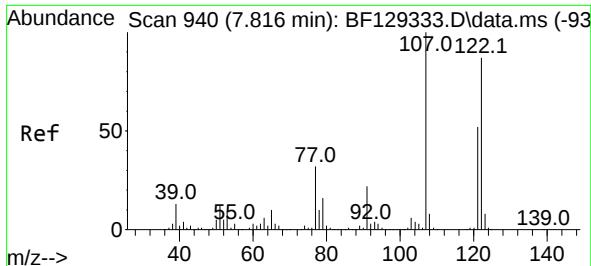
Tgt Ion: 82 Resp: 1431828
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 45.492 ng
RT: 7.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:139 Resp: 409085
Ion Ratio Lower Upper
139 100
109 30.2 25.0 37.4
65 52.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 49.225 ng

RT: 7.828 min Scan# 94

Delta R.T. 0.012 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB146497BSD

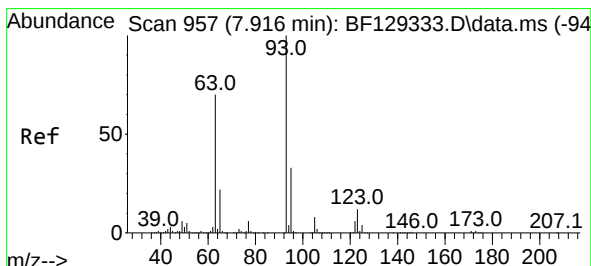
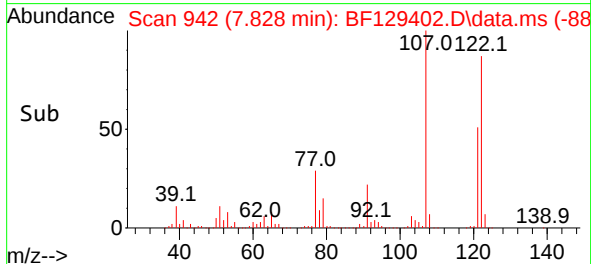
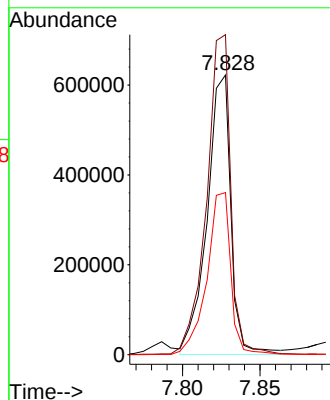
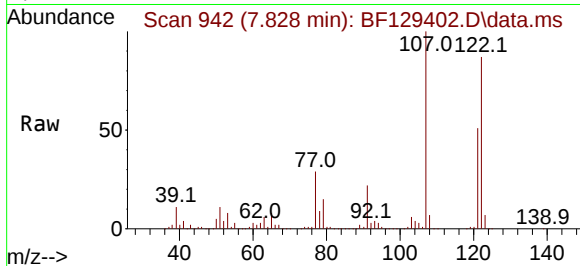
Tgt Ion:122 Resp: 663973

Ion Ratio Lower Upper

122 100

107 114.4 93.0 139.6

121 57.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.965 ng

RT: 7.916 min Scan# 957

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

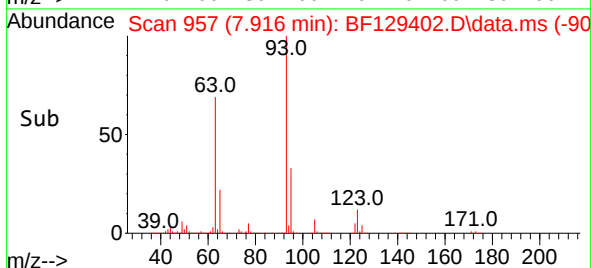
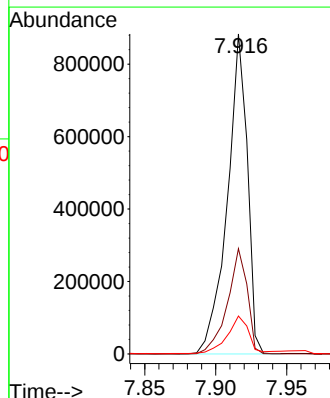
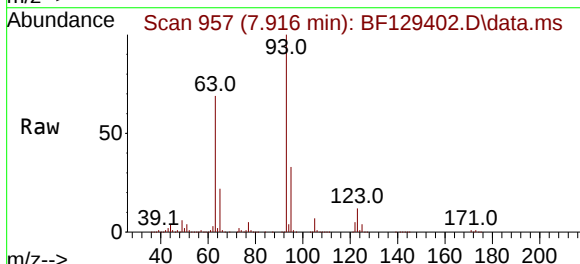
Tgt Ion: 93 Resp: 864453

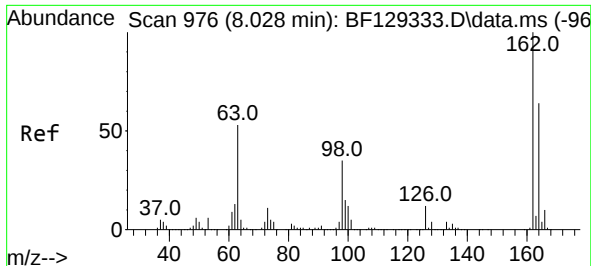
Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.525 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB146497BSD

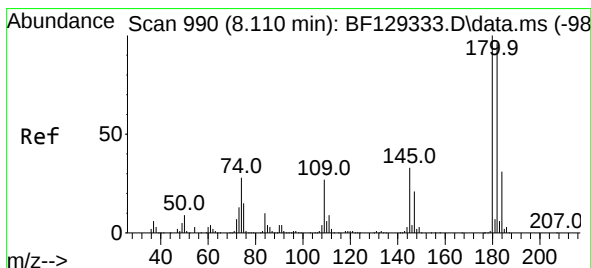
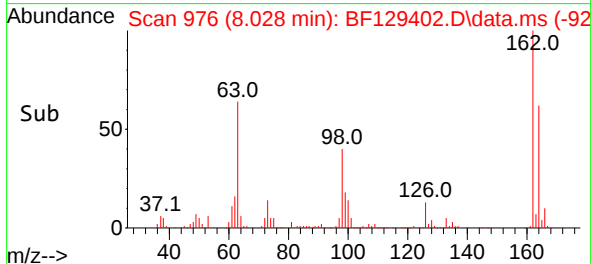
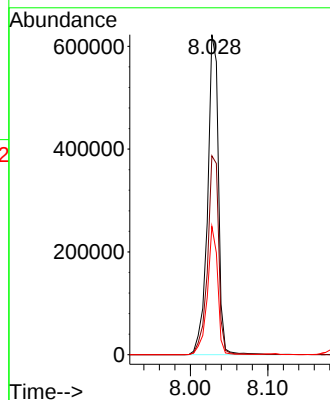
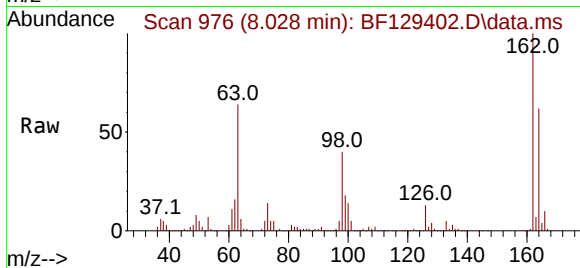
Tgt Ion:162 Resp: 605960

Ion Ratio Lower Upper

162 100

164 62.1 44.2 84.2

98 40.1 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 43.741 ng

RT: 8.110 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

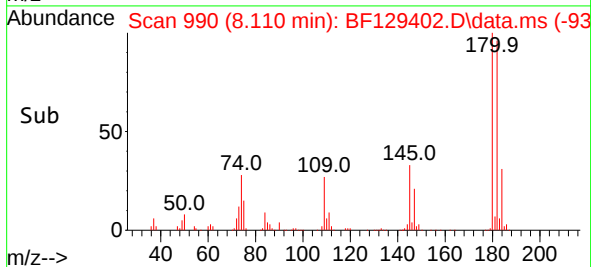
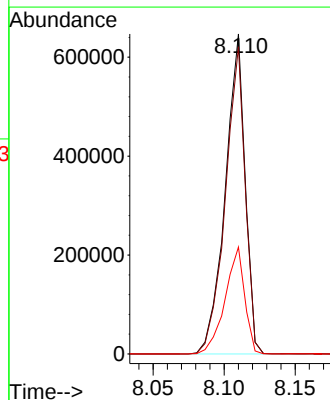
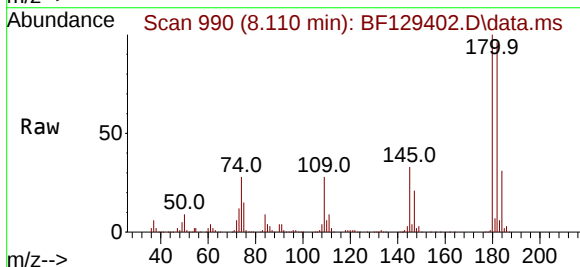
Tgt Ion:180 Resp: 630330

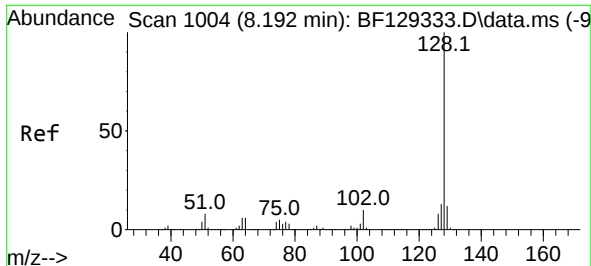
Ion Ratio Lower Upper

180 100

182 96.0 79.2 118.8

145 33.4 26.2 39.2

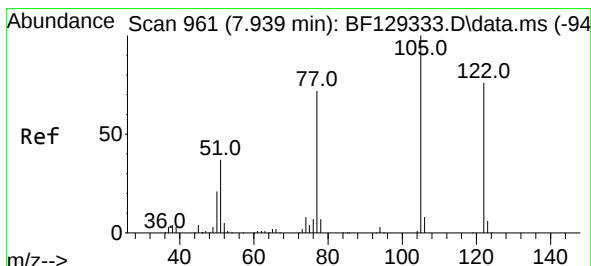
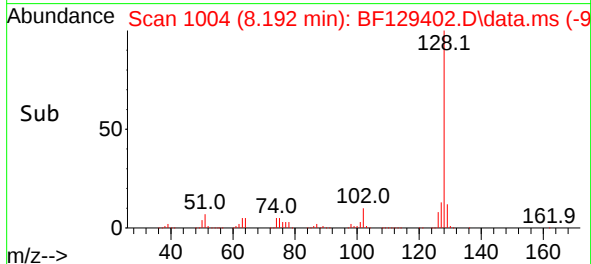
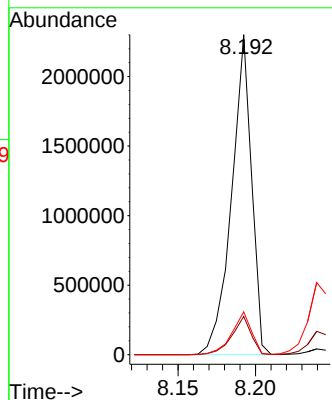
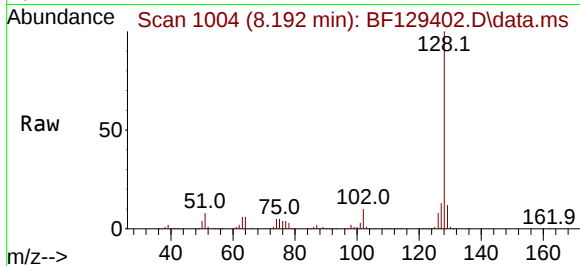




#31
Naphthalene
Concen: 42.004 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

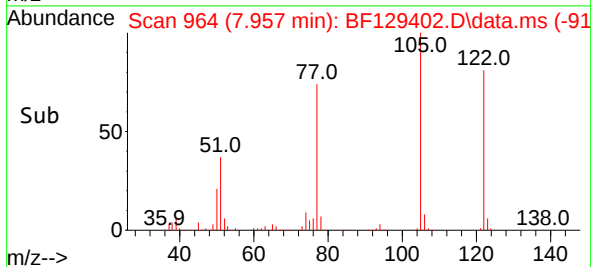
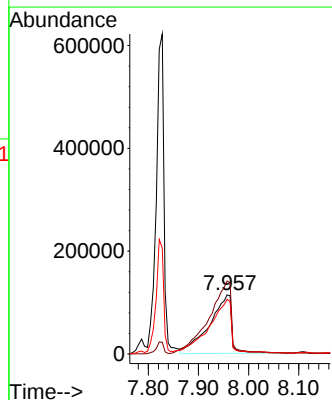
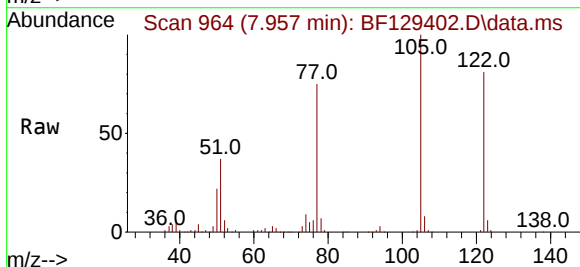
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

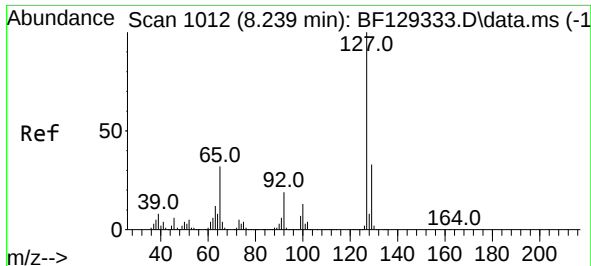
Tgt Ion:128 Resp: 2062095
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 36.042 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.018 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:122 Resp: 351457
Ion Ratio Lower Upper
122 100
105 123.3 107.1 147.1
77 92.2 74.2 114.2

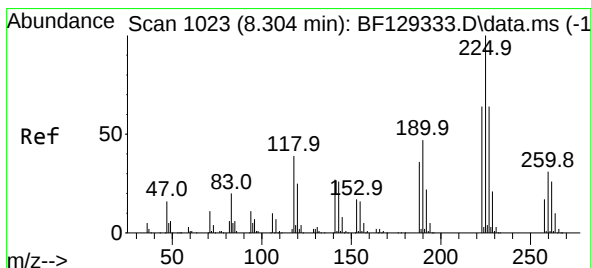
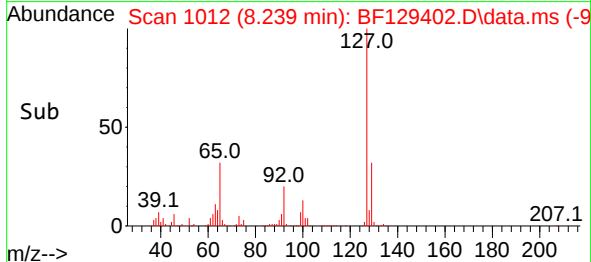
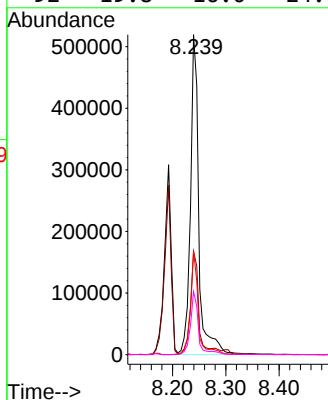
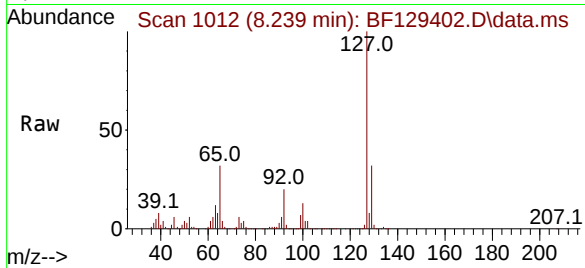




#33
4-Chloroaniline
Concen: 28.346 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

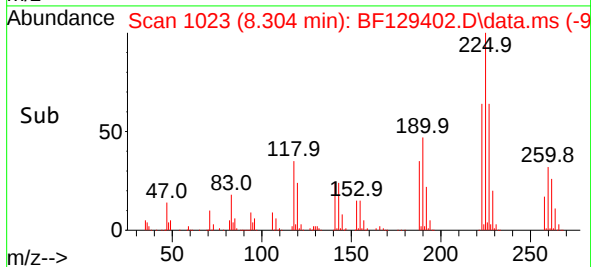
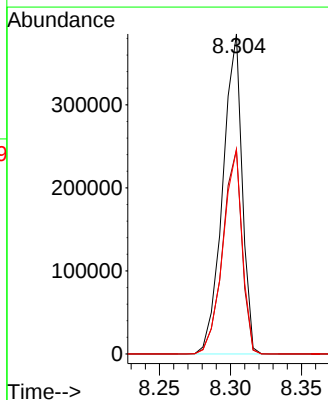
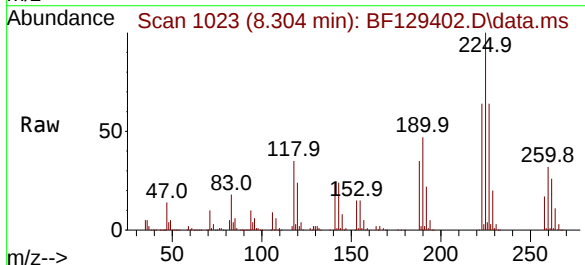
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

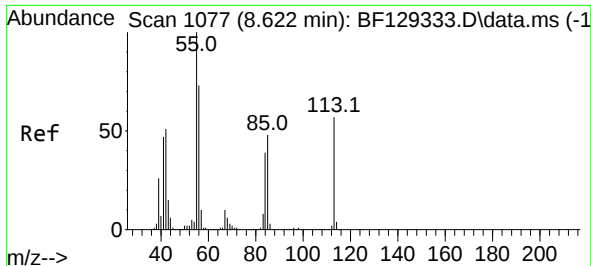
Tgt Ion:	127	Resp:	571321
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	32.5	26.4	39.6
92	19.8	16.0	24.0



#34
Hexachlorobutadiene
Concen: 44.626 ng
RT: 8.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:	225	Resp:	365553
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	63.9	51.1	76.7

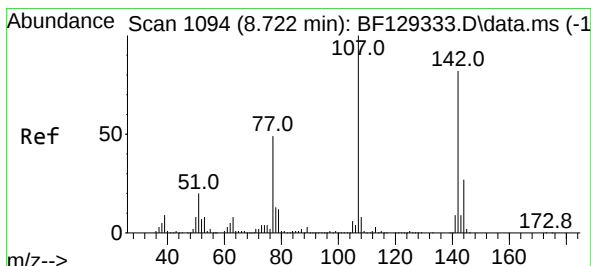
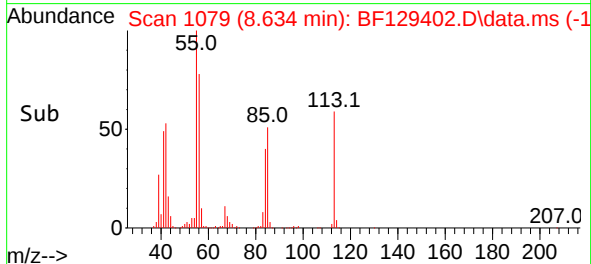
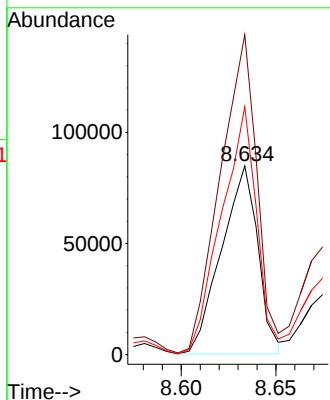
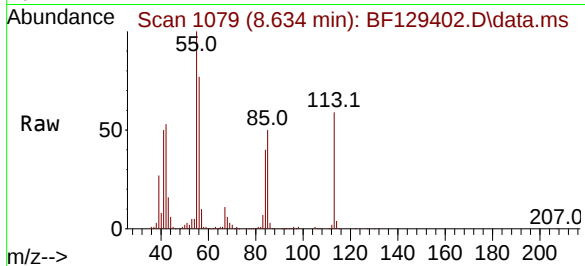




#35
 Caprolactam
 Concen: 24.996 ng
 RT: 8.634 min Scan# 1077
 Delta R.T. 0.012 min
 Lab File: BF129402.D
 Acq: 28 Jul 2022 11:24

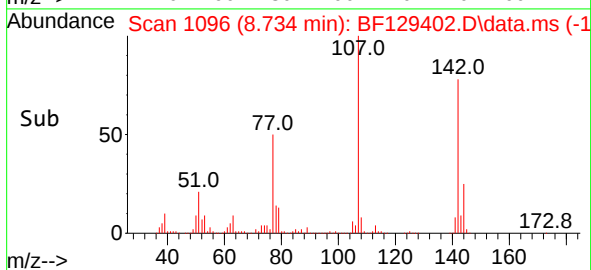
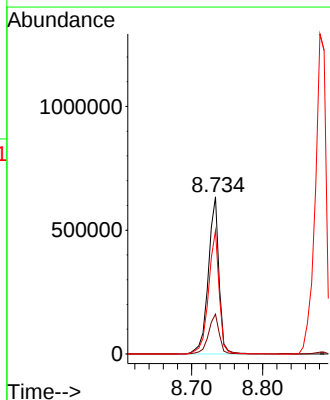
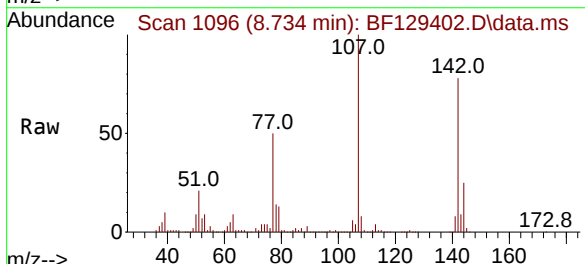
Instrument :
 BNA_F
 ClientSampleId :
 PB146497BSD

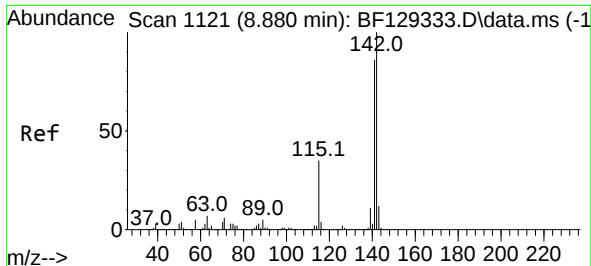
Tgt Ion:113 Resp: 113141
 Ion Ratio Lower Upper
 113 100
 55 169.5 188.5 228.5#
 56 131.4 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.028 ng
 RT: 8.734 min Scan# 1096
 Delta R.T. 0.012 min
 Lab File: BF129402.D
 Acq: 28 Jul 2022 11:24

Tgt Ion:107 Resp: 664885
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.5 29.3
 142 78.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.829 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

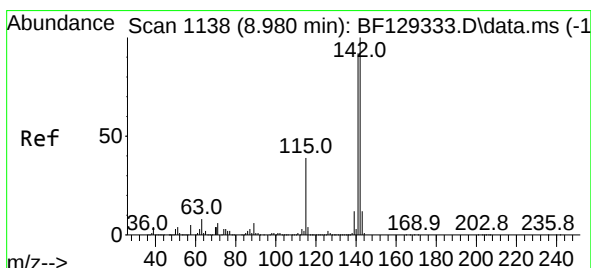
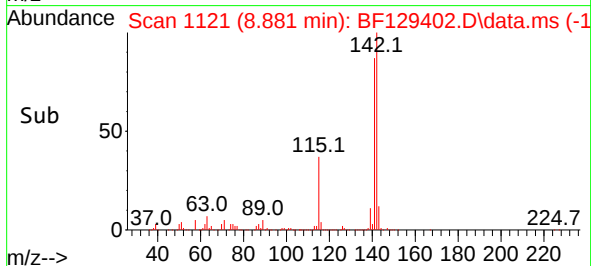
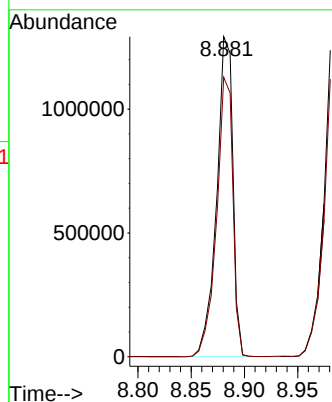
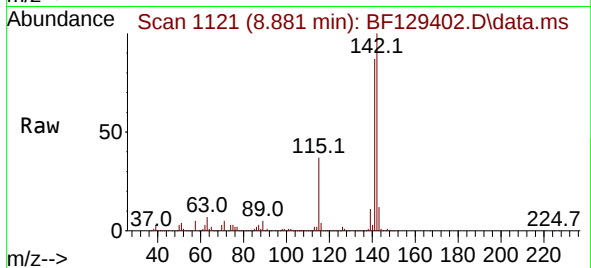
PB146497BSD

Tgt Ion:142 Resp: 1366386

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 41.603 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129402.D

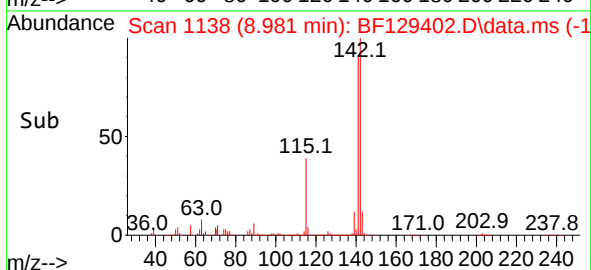
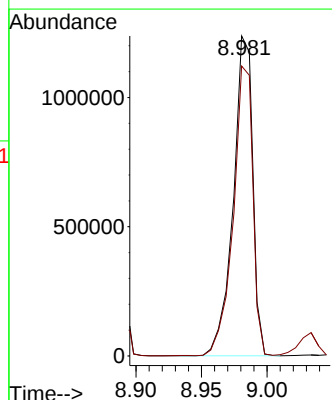
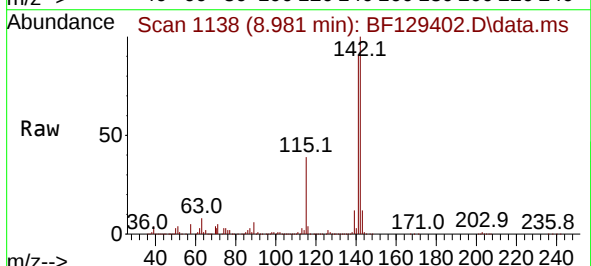
Acq: 28 Jul 2022 11:24

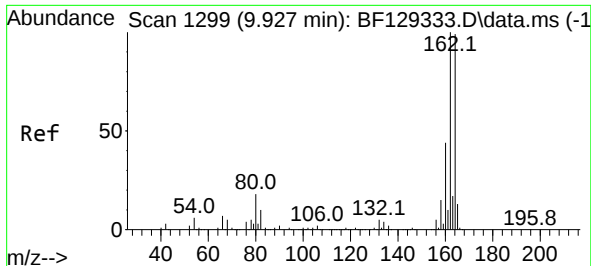
Tgt Ion:142 Resp: 1281289

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.4

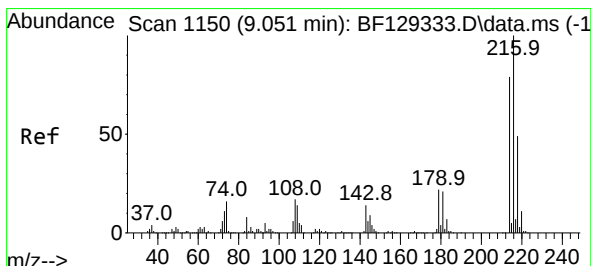
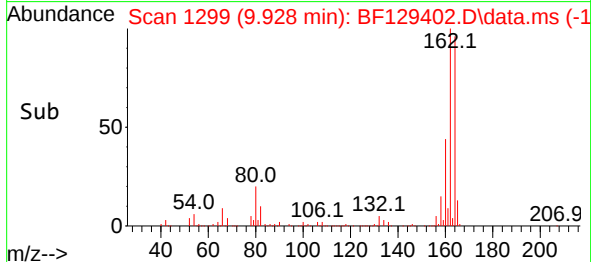
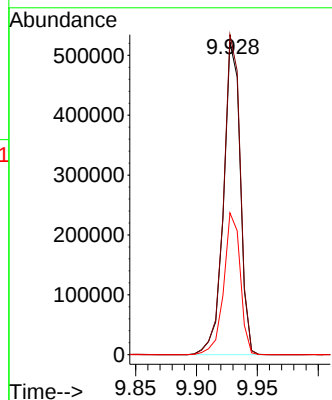
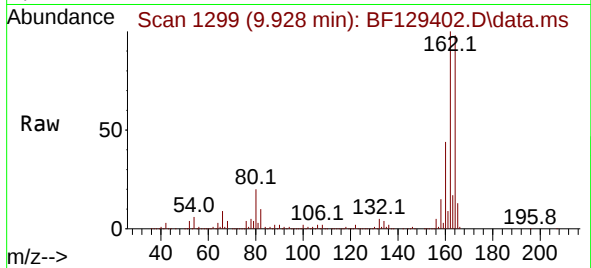




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

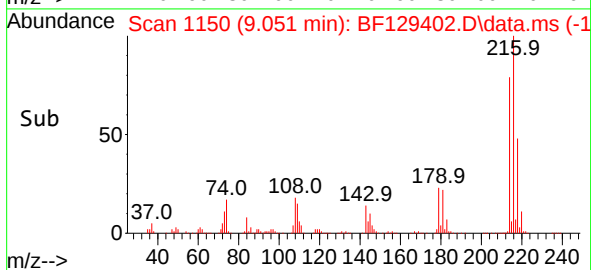
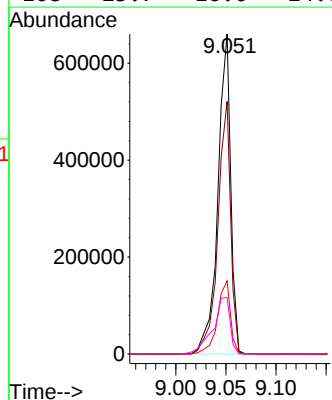
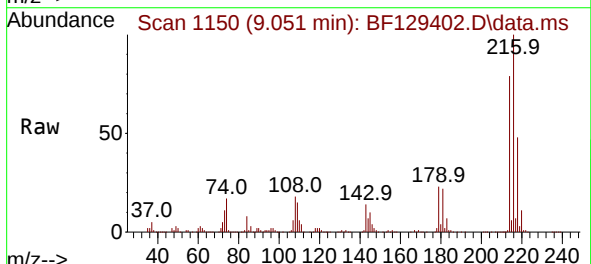
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

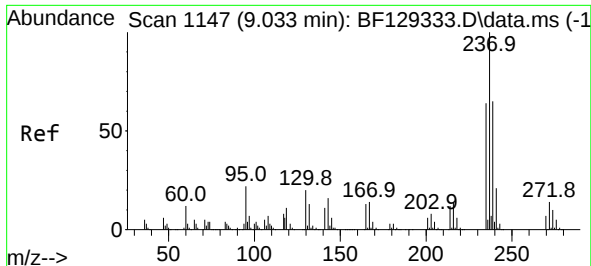
Tgt Ion:164 Resp: 499401
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.4 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.666 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:216 Resp: 585713
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 23.2 17.0 25.6
108 23.7 16.0 24.0

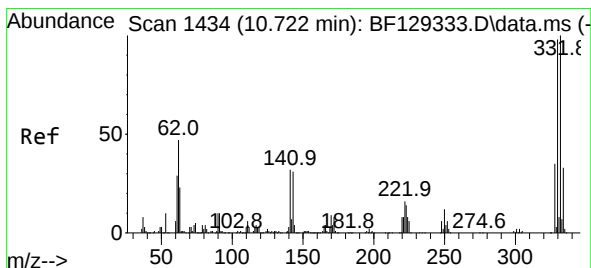
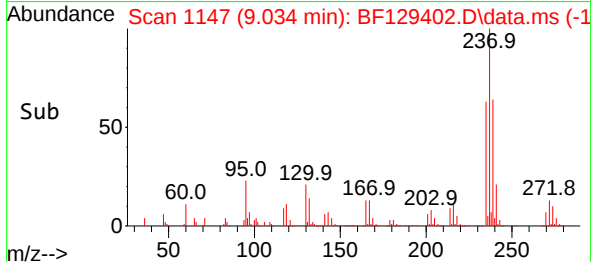
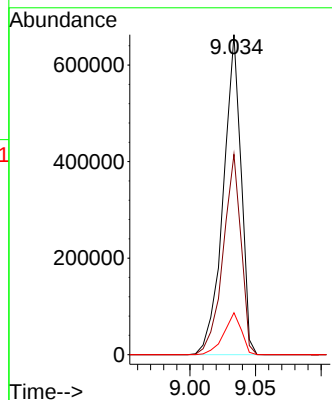
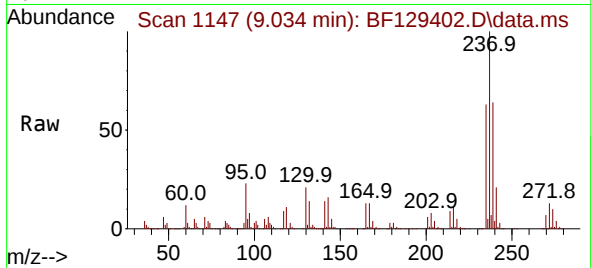




#41
Hexachlorocyclopentadiene
Concen: 106.975 ng
RT: 9.034 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

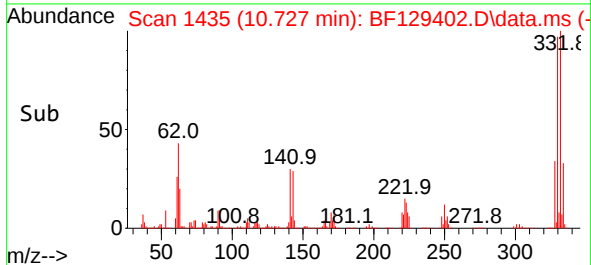
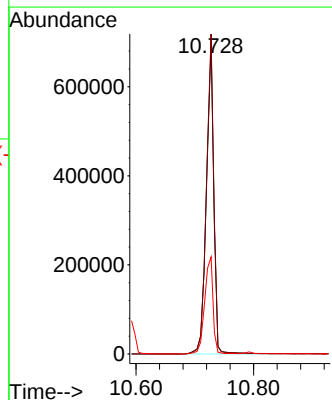
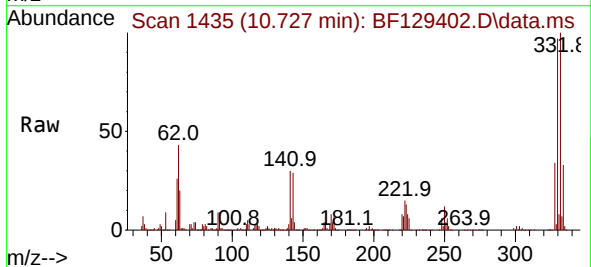
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

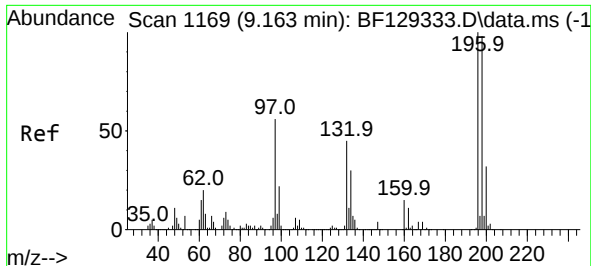
Tgt Ion:237 Resp: 624647
Ion Ratio Lower Upper
237 100
235 62.6 43.2 83.2
272 13.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 127.247 ng
RT: 10.727 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:330 Resp: 610961
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 35.2 28.0 42.0

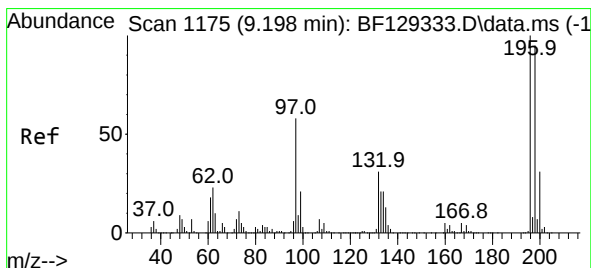
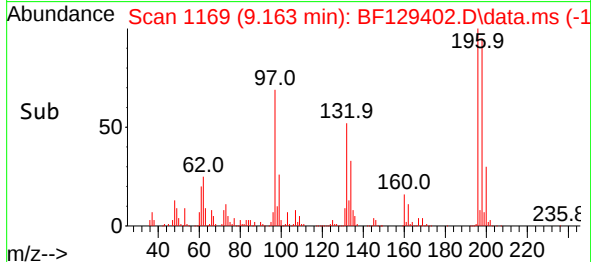
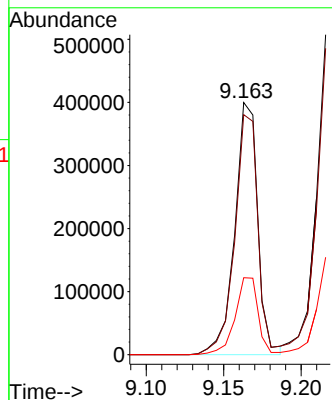
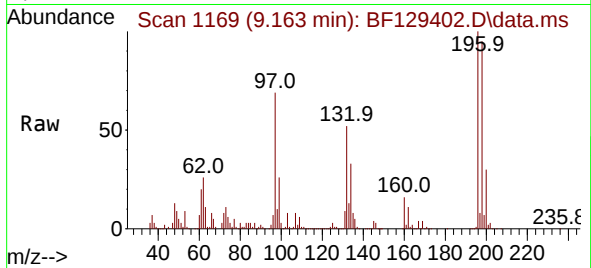




#43
2,4,6-Trichlorophenol
Concen: 43.257 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

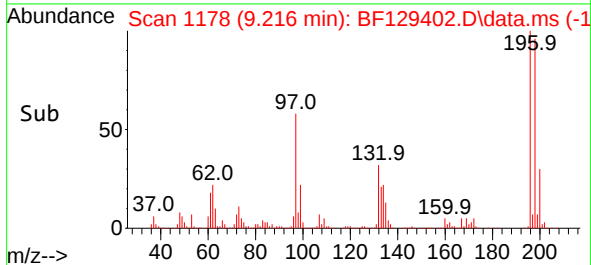
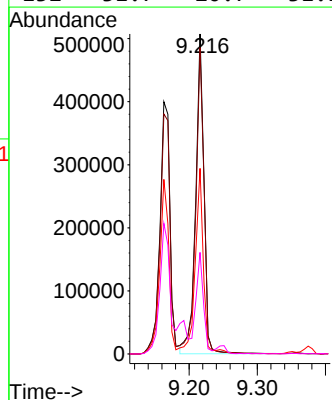
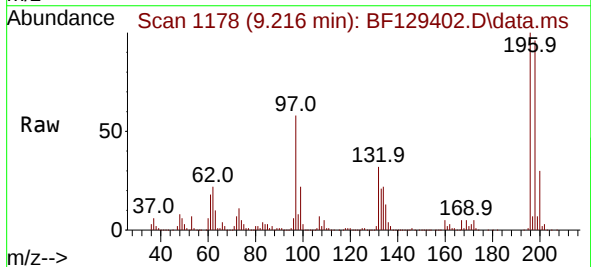
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BNA_F
ClientSampleId :
PB146497BSD

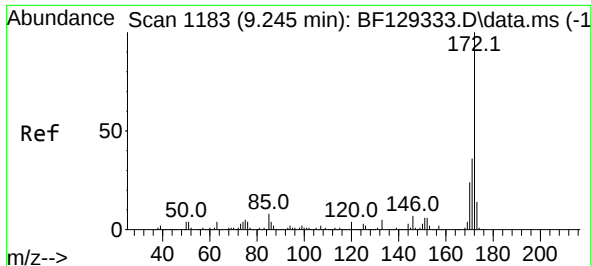
Tgt Ion:196 Resp: 411992
Ion Ratio Lower Upper
196 100
198 95.2 74.0 111.0
200 30.5 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 41.110 ng
RT: 9.216 min Scan# 1178
Delta R.T. 0.018 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:196 Resp: 425794
Ion Ratio Lower Upper
196 100
198 95.8 75.7 113.5
97 58.0 36.4 54.6#
132 31.7 20.7 31.1#

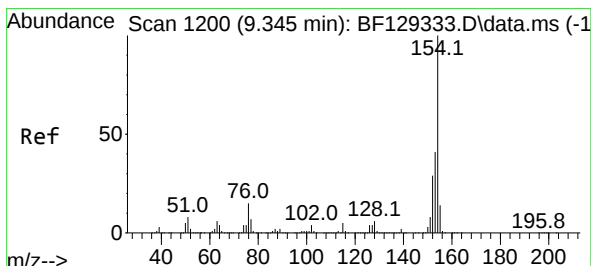
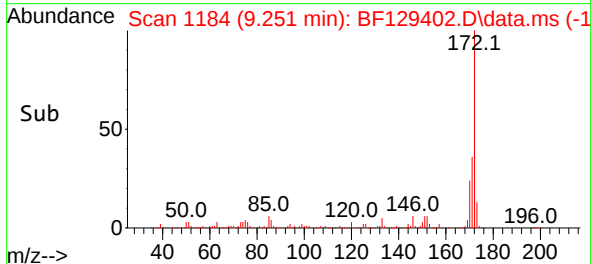
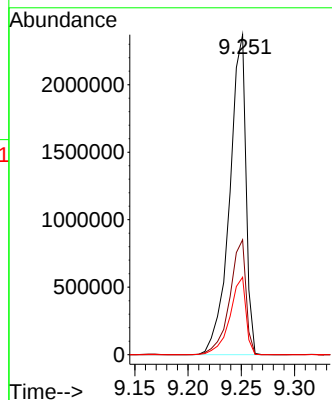
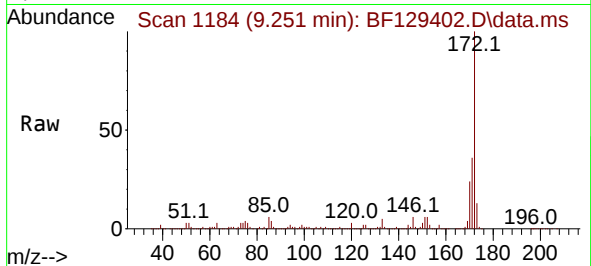




#45
2-Fluorobiphenyl
Concen: 78.325 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

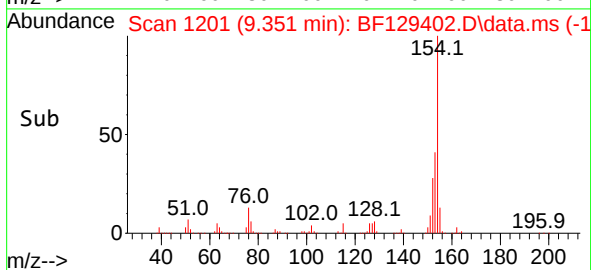
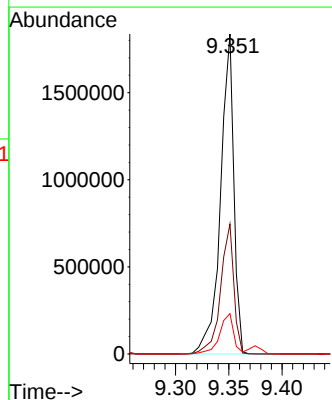
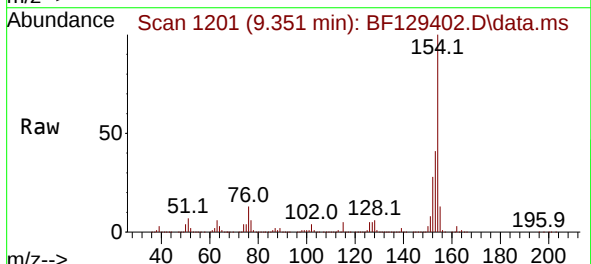
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

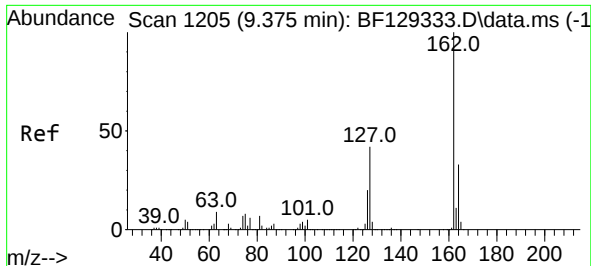
Tgt Ion:172 Resp: 2528560
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.2 19.8 29.8



#46
1,1'-Biphenyl
Concen: 43.644 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:154 Resp: 1590655
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.6 0.0 33.3

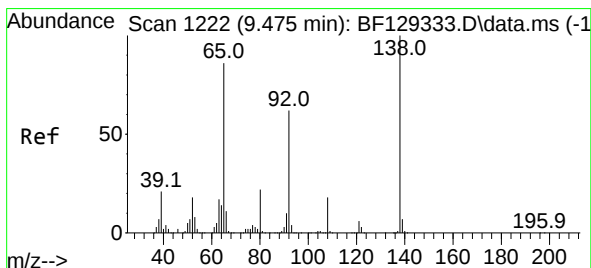
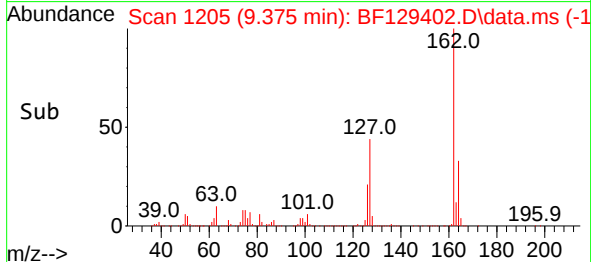
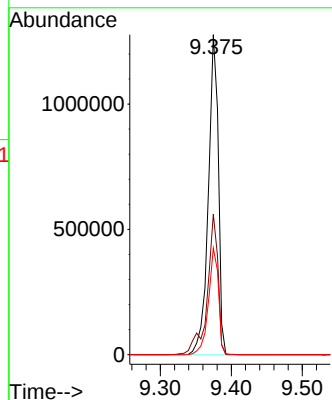
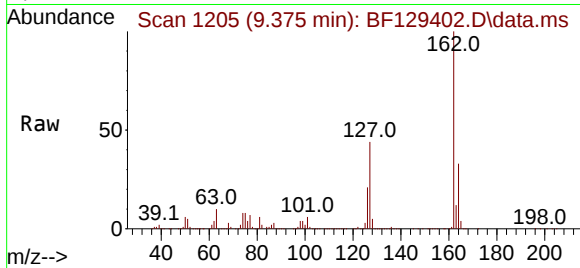




#47
2-Chloronaphthalene
Concen: 42.645 ng
RT: 9.375 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

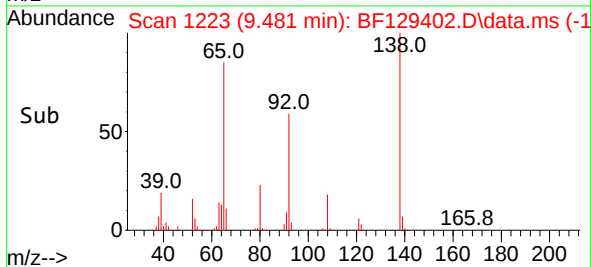
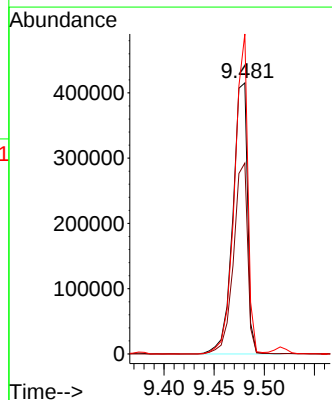
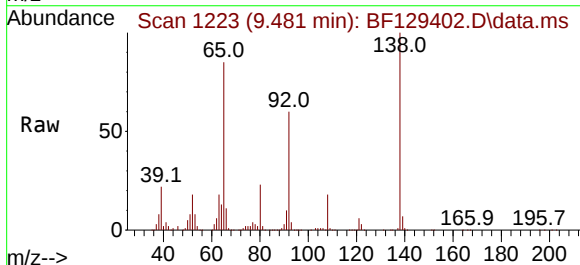
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

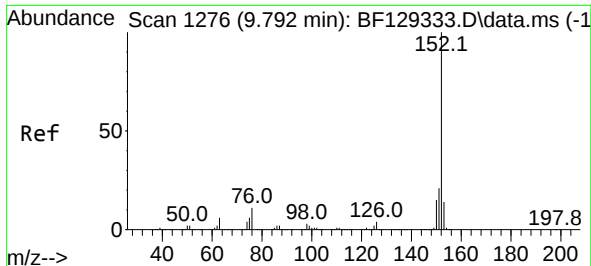
Tgt Ion:162 Resp: 1256457
Ion Ratio Lower Upper
162 100
127 43.9 34.5 51.7
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 43.273 ng
RT: 9.481 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion: 65 Resp: 423957
Ion Ratio Lower Upper
65 100
92 70.4 51.9 77.9
138 118.1 76.4 114.6#

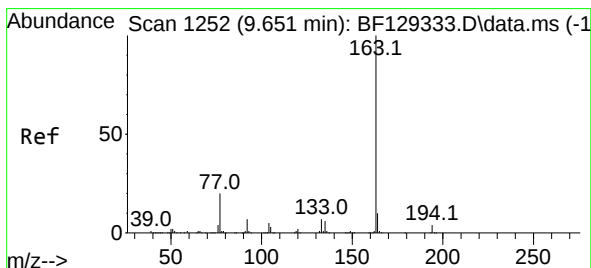
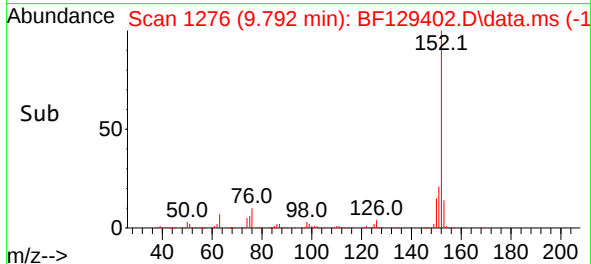
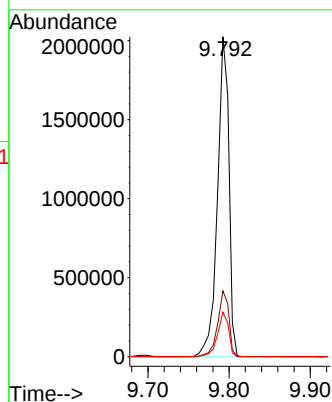
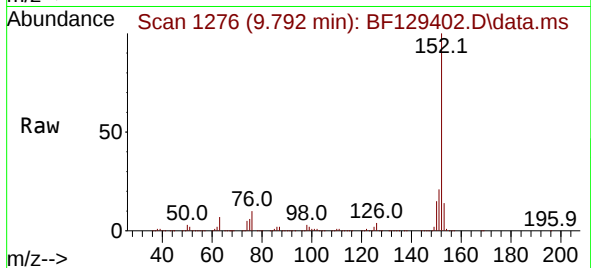




#49
Acenaphthylene
Concen: 44.228 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

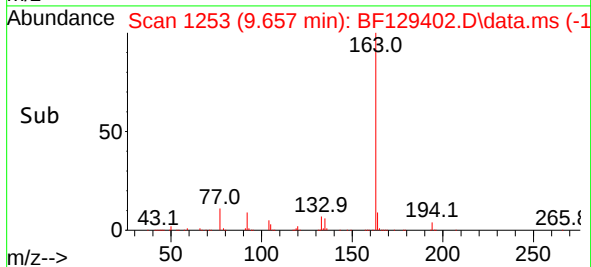
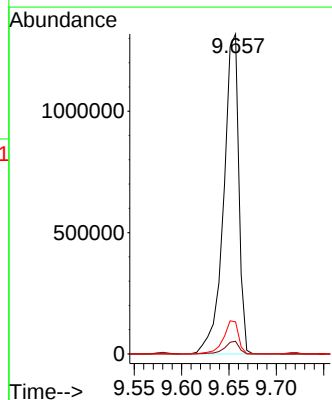
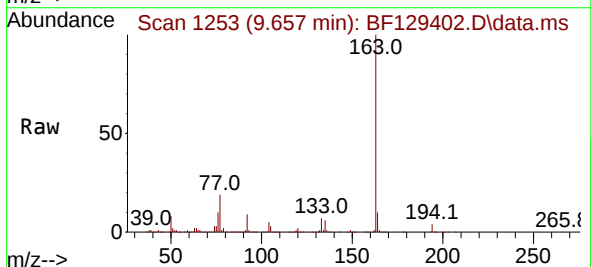
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

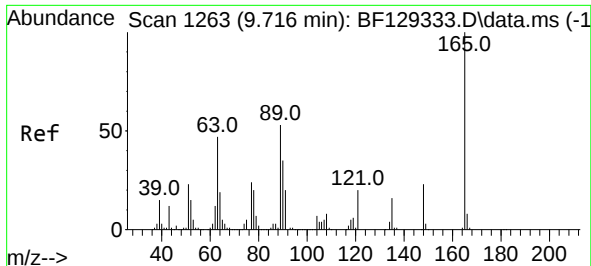
Tgt Ion:152 Resp: 1980037
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.9 10.7 16.1



#50
Dimethylphthalate
Concen: 42.598 ng
RT: 9.657 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:163 Resp: 1468588
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.2 12.2

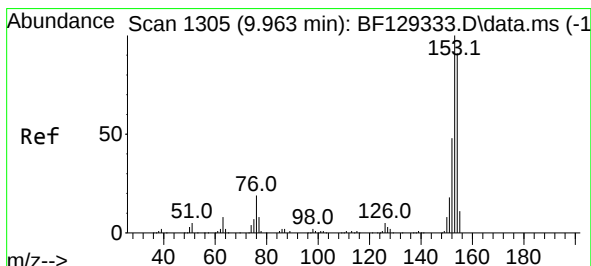
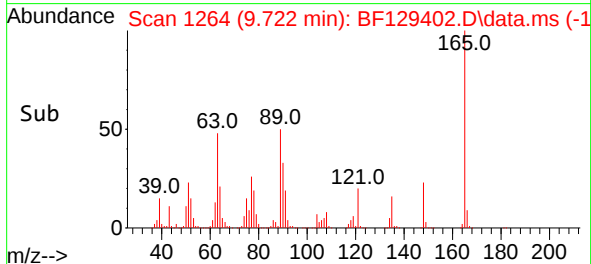
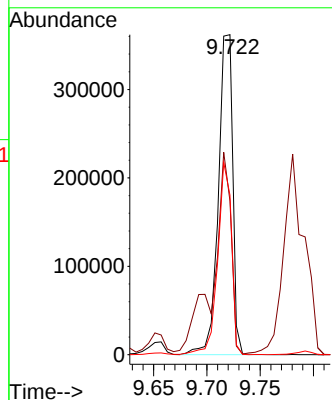
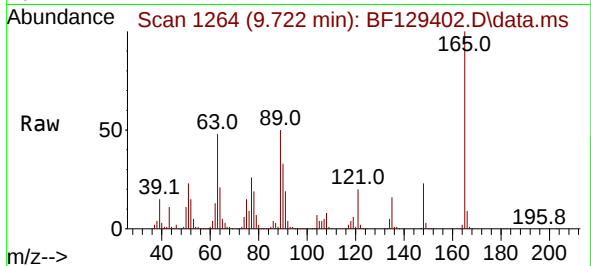




#51
2,6-Dinitrotoluene
Concen: 44.110 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

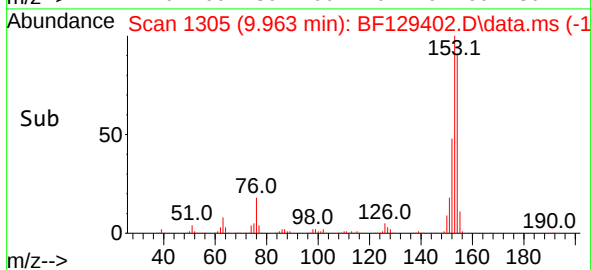
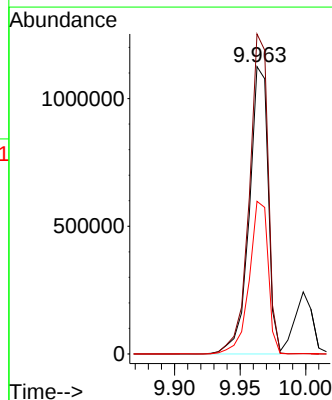
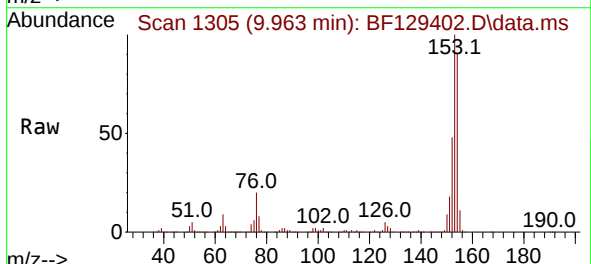
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

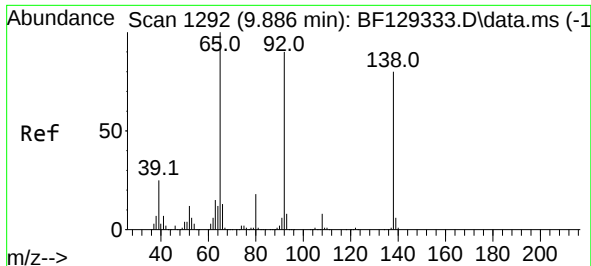
Tgt Ion:165 Resp: 340364
Ion Ratio Lower Upper
165 100
63 48.0 44.9 67.3
89 49.8 43.6 65.4



#52
Acenaphthene
Concen: 38.588 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:154 Resp: 1128330
Ion Ratio Lower Upper
154 100
153 111.4 89.6 134.4
152 53.1 42.4 63.6

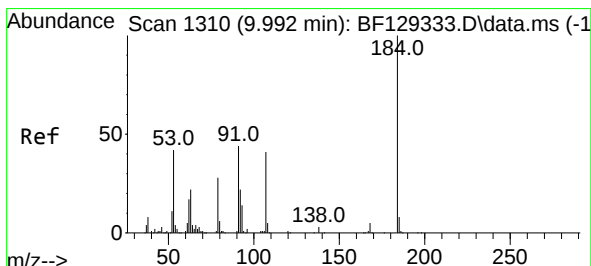
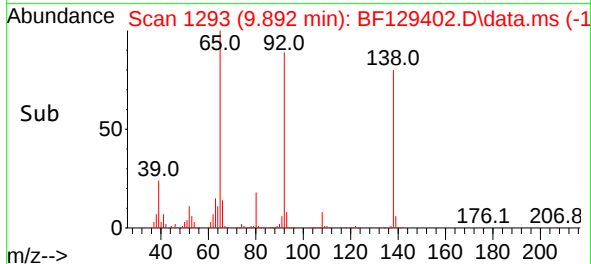
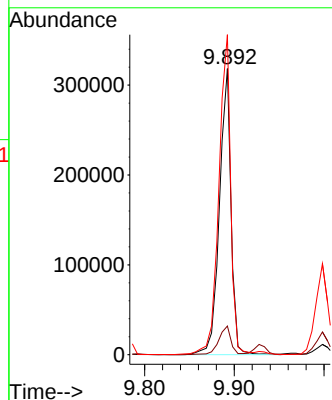
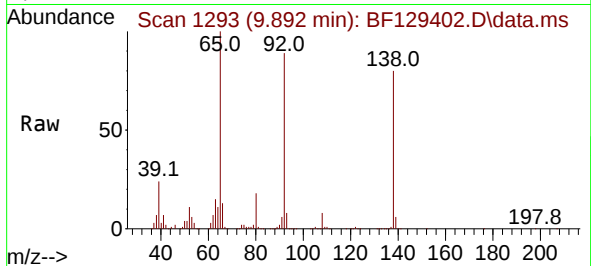




#53
3-Nitroaniline
Concen: 31.364 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

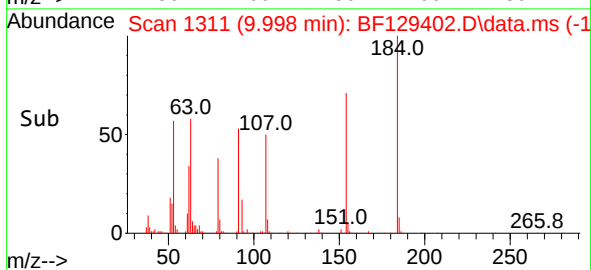
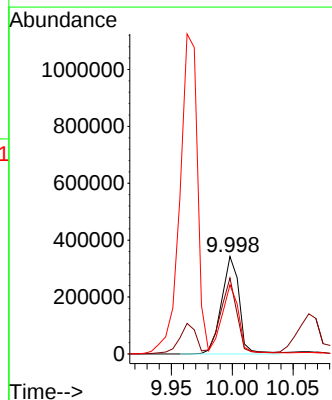
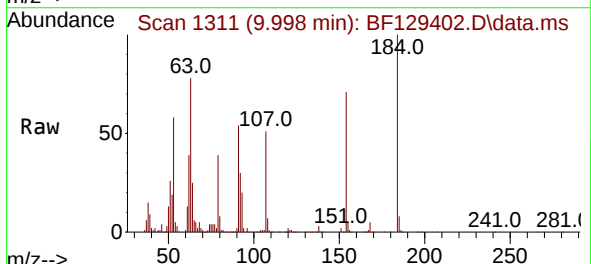
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

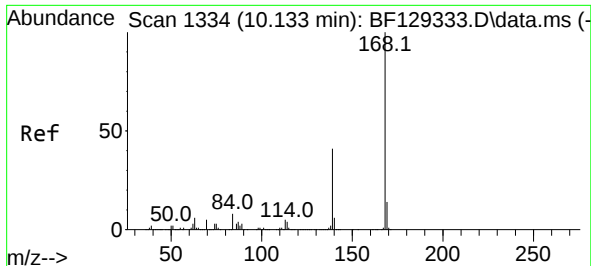
Tgt Ion:138 Resp: 285779
Ion Ratio Lower Upper
138 100
108 10.0 10.9 16.3#
92 111.9 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 88.265 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:184 Resp: 347688
Ion Ratio Lower Upper
184 100
63 77.9 64.5 96.7
154 71.0 50.6 75.8

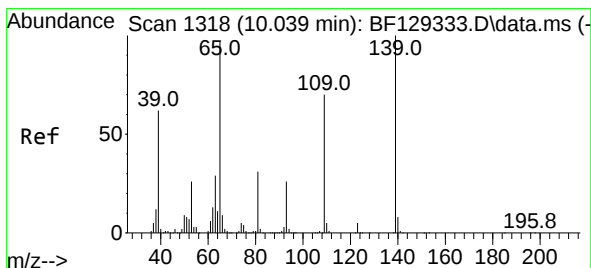
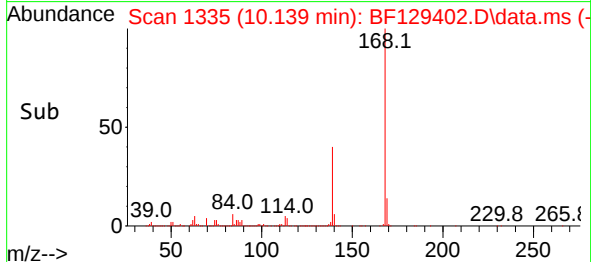
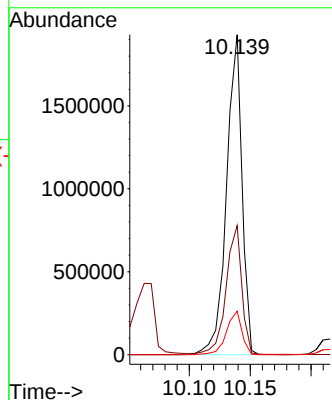
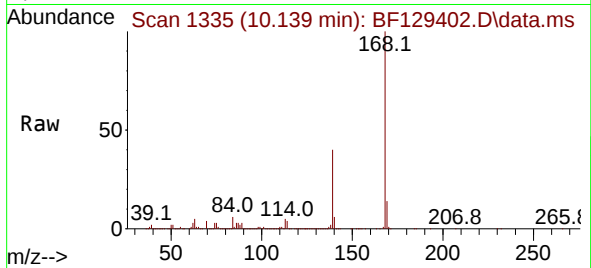




#55
Dibenzenofuran
Concen: 42.397 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

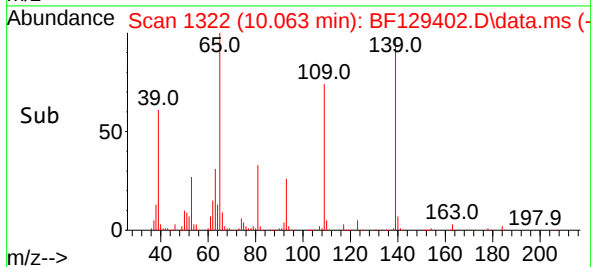
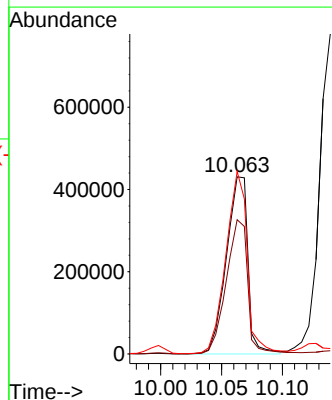
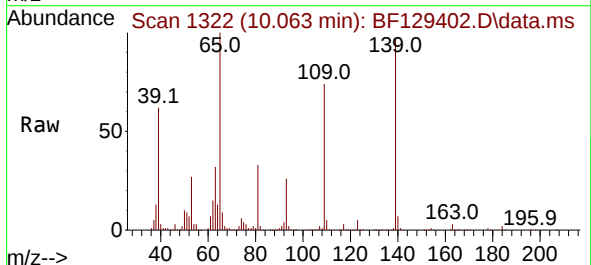
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

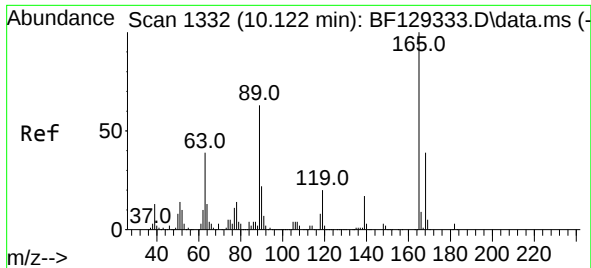
Tgt Ion:168 Resp: 1708972
Ion Ratio Lower Upper
168 100
139 40.3 30.6 46.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 78.914 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.024 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:139 Resp: 530467
Ion Ratio Lower Upper
139 100
109 75.8 50.7 90.7
65 103.1 74.5 114.5

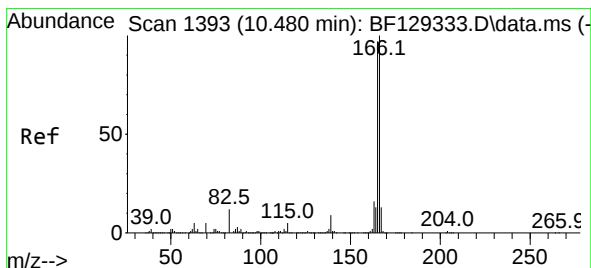
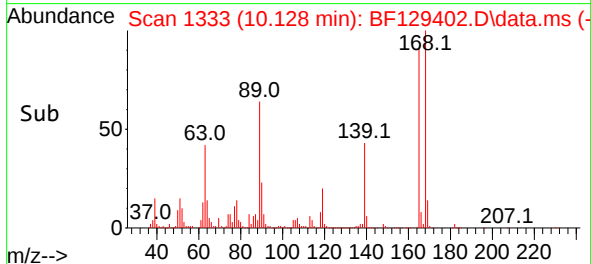
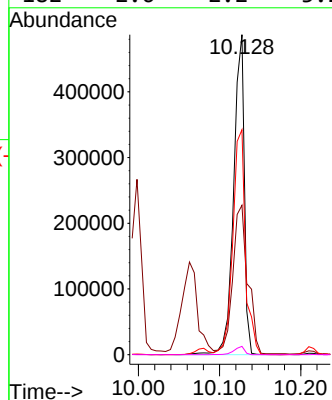
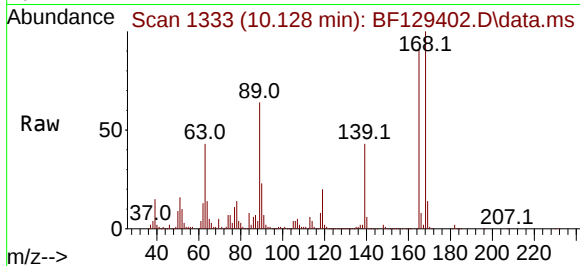




#57
2,4-Dinitrotoluene
Concen: 44.093 ng
RT: 10.128 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

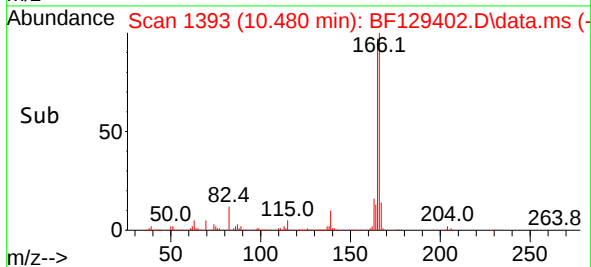
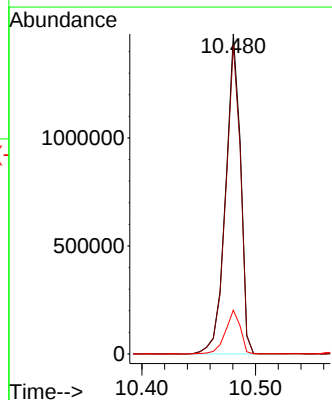
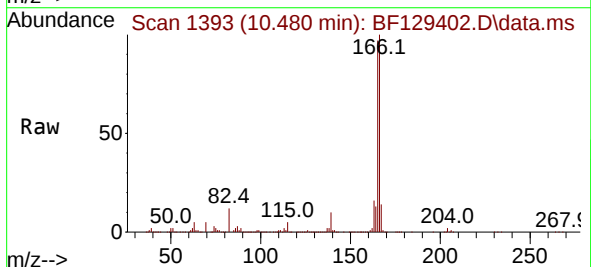
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

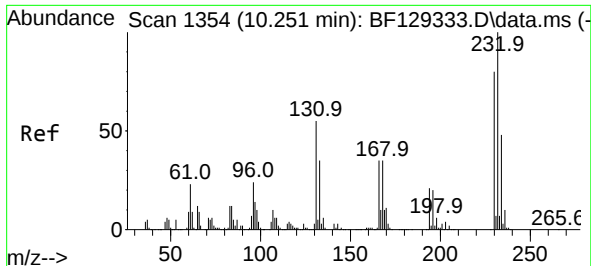
Tgt Ion:165 Resp: 444461
Ion Ratio Lower Upper
165 100
63 46.7 39.8 59.6
89 70.3 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.829 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:166 Resp: 1349066
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 13.7 10.5 15.7

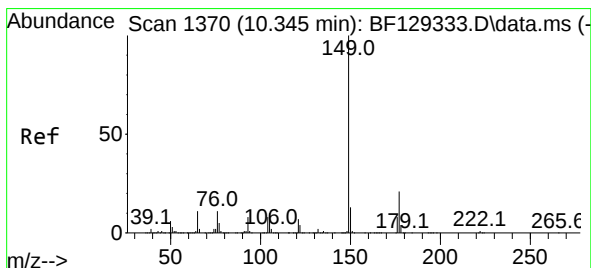
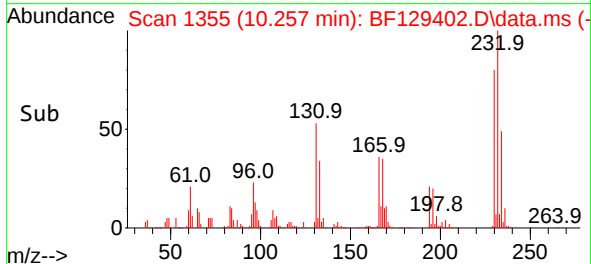
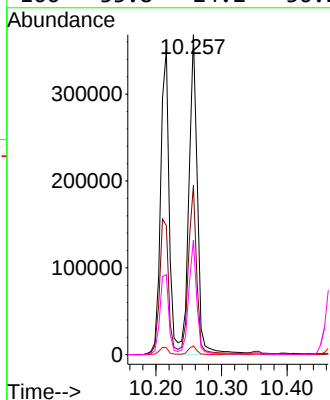
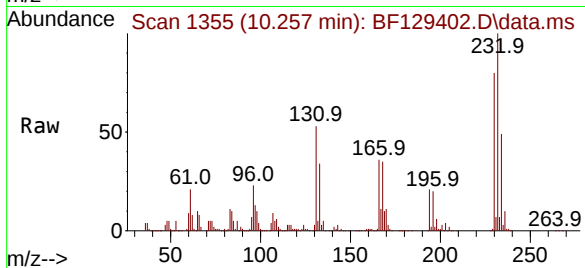




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.026 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

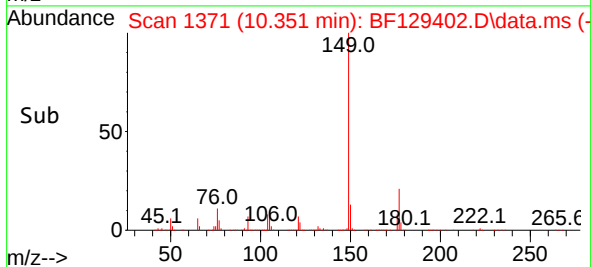
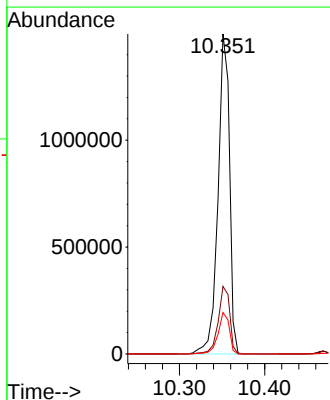
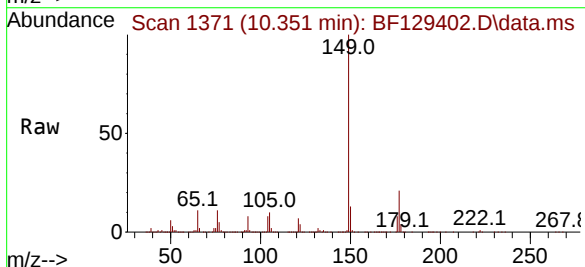
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

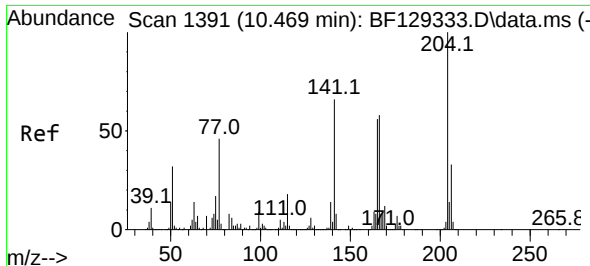
Tgt Ion:232 Resp: 328375
Ion Ratio Lower Upper
232 100
131 51.1 36.1 54.1
130 2.6 1.8 2.8
166 33.8 24.2 36.2



#60
Diethylphthalate
Concen: 42.320 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:149 Resp: 1410389
Ion Ratio Lower Upper
149 100
177 21.1 17.3 25.9
150 13.0 10.2 15.2

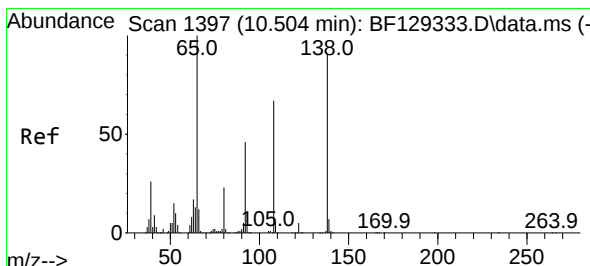
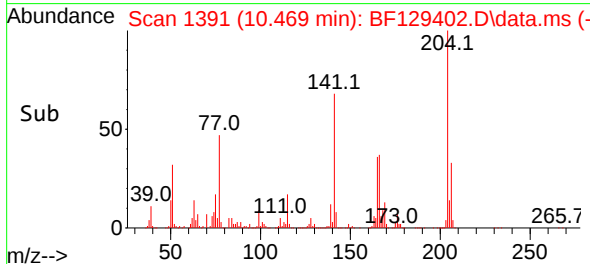
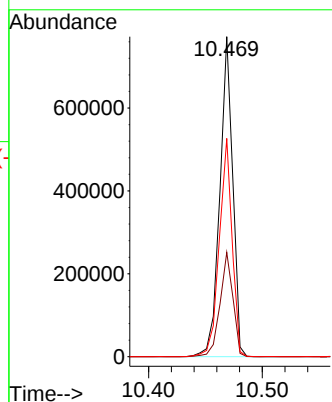
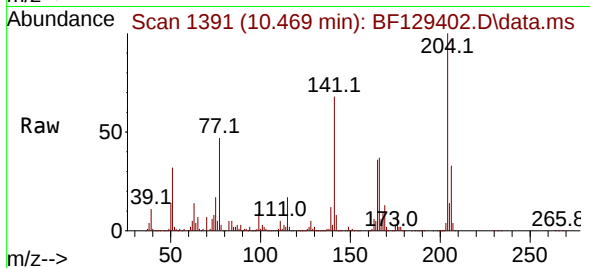




#61
4-Chlorophenyl-phenylether
Concen: 42.931 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

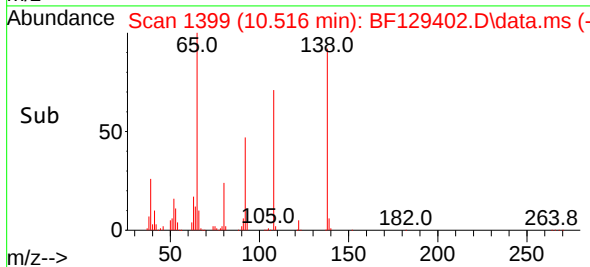
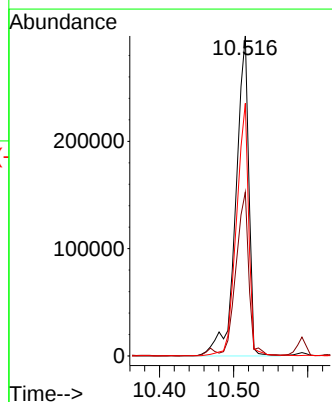
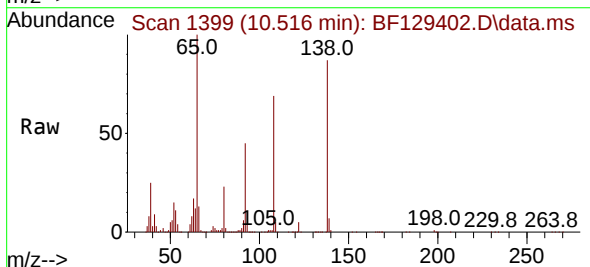
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

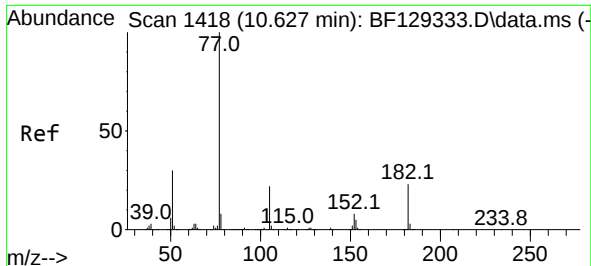
Tgt Ion:204 Resp: 610413
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 68.2 47.0 70.4



#62
4-Nitroaniline
Concen: 40.256 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.012 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:138 Resp: 363873
Ion Ratio Lower Upper
138 100
92 51.2 33.5 73.5
108 79.0 61.0 101.0

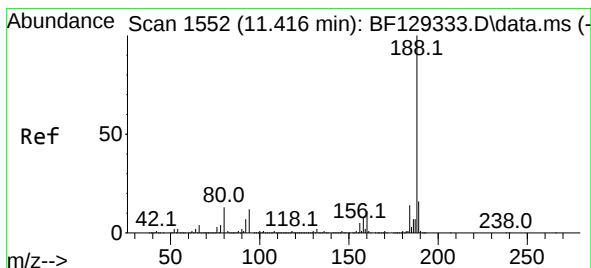
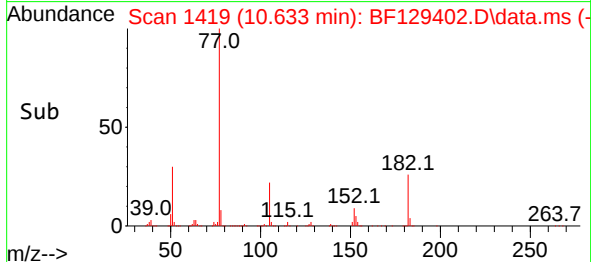
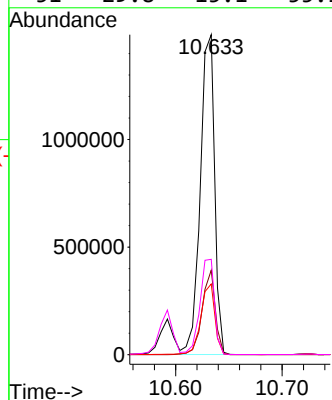
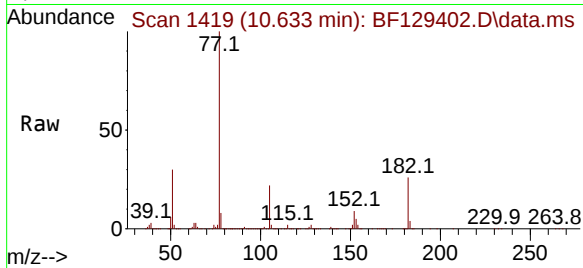




#63
Azobenzene
Concen: 41.094 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

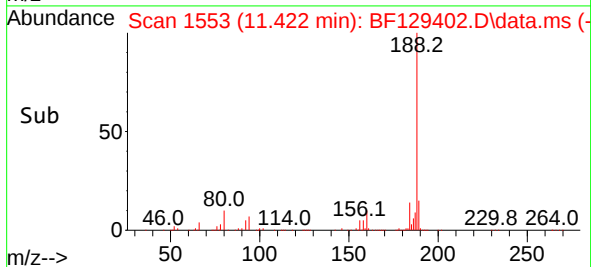
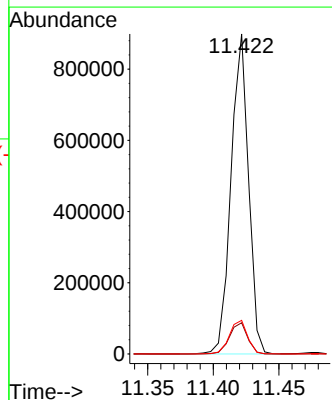
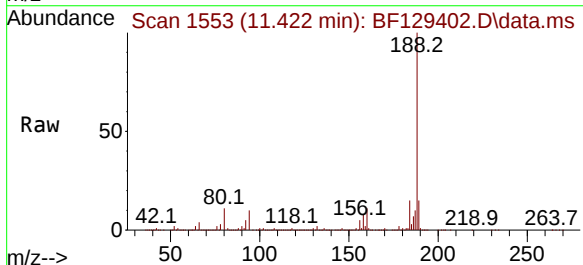
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

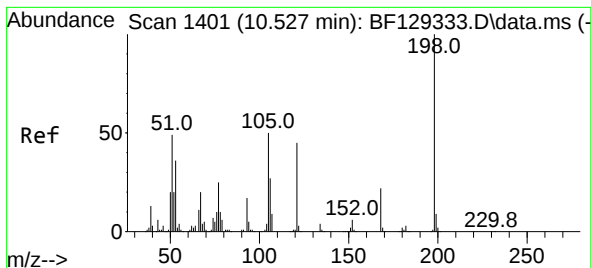
Tgt Ion: 77 Resp: 1396867
Ion Ratio Lower Upper
77 100
182 26.4 5.6 45.6
105 22.1 1.6 41.6
51 29.8 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion: 188 Resp: 831656
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.5 7.6 11.4

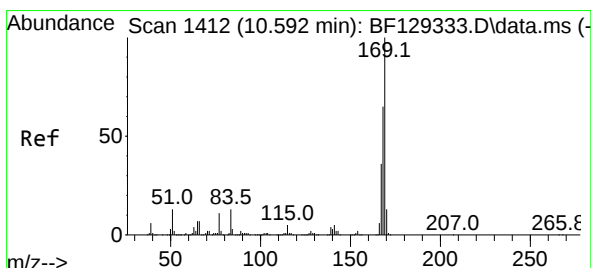
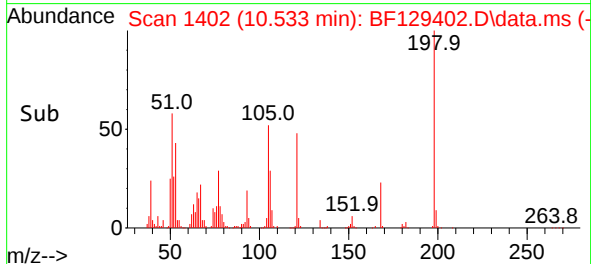
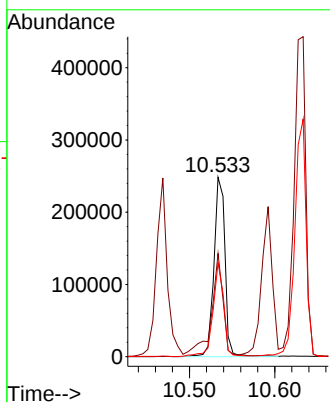
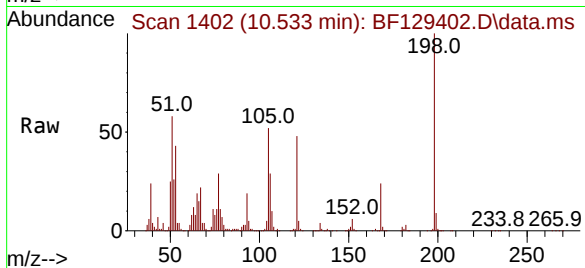




#65
4,6-Dinitro-2-methylphenol
Concen: 42.830 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

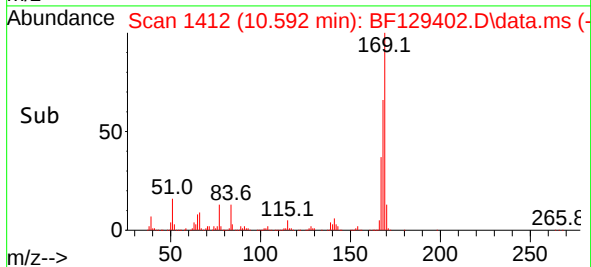
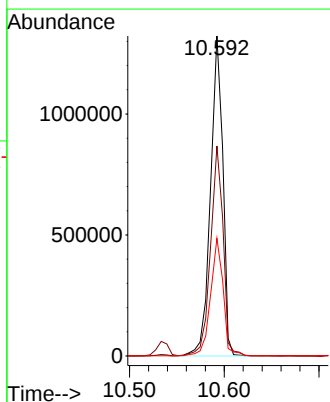
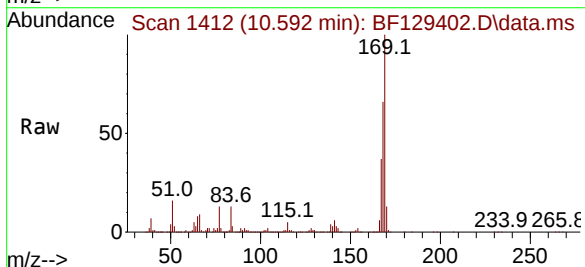
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

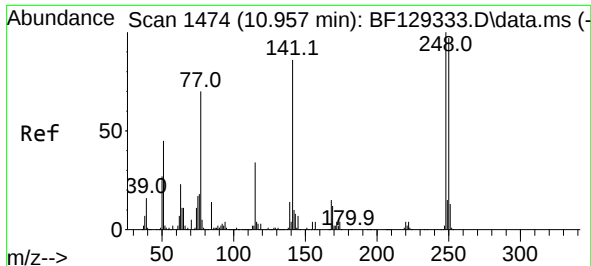
Tgt Ion:198 Resp: 224826
Ion Ratio Lower Upper
198 100
51 57.5 37.6 77.6
105 52.4 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 42.937 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:169 Resp: 1189183
Ion Ratio Lower Upper
169 100
168 65.6 50.1 75.1
167 36.8 27.9 41.9

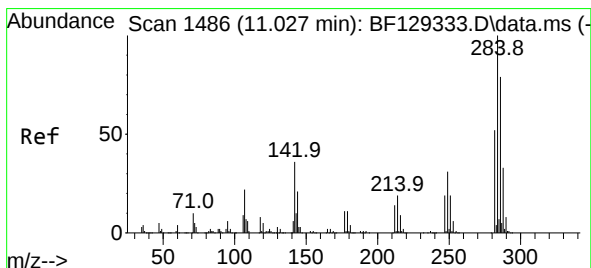
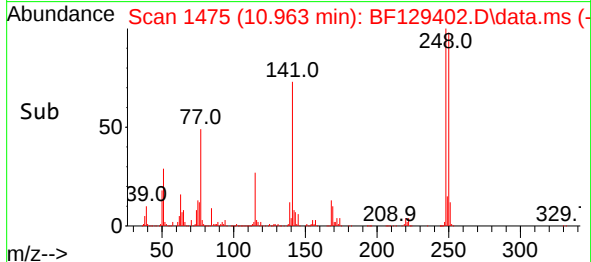
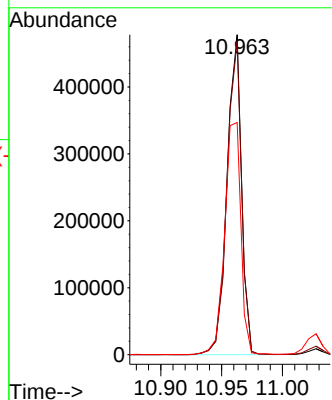
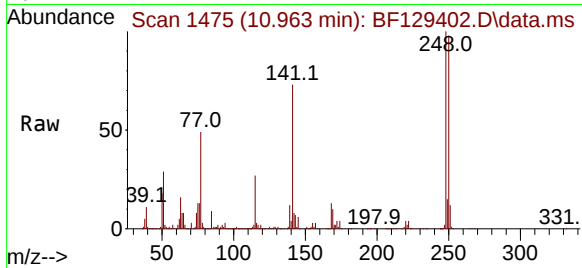




#67
4-Bromophenyl-phenylether
Concen: 43.770 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

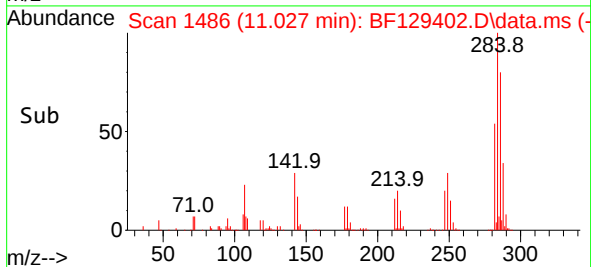
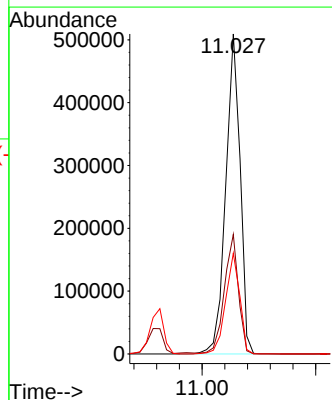
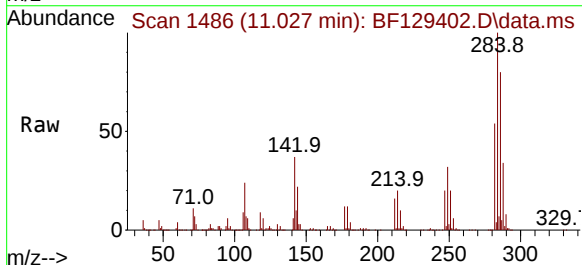
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

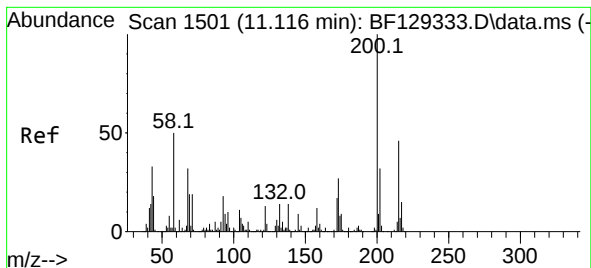
Tgt Ion:248 Resp: 398610
Ion Ratio Lower Upper
248 100
250 97.9 80.6 120.8
141 72.6 58.9 88.3



#68
Hexachlorobenzene
Concen: 45.255 ng
RT: 11.027 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:284 Resp: 446552
Ion Ratio Lower Upper
284 100
142 37.3 29.0 43.4
249 31.5 25.0 37.6





#69

Atrazine

Concen: 43.453 ng

RT: 11.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB146497BSD

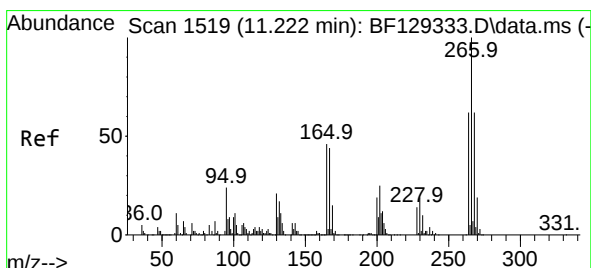
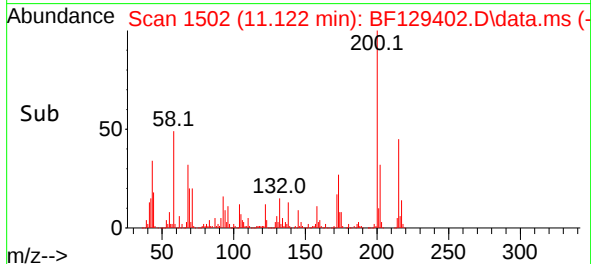
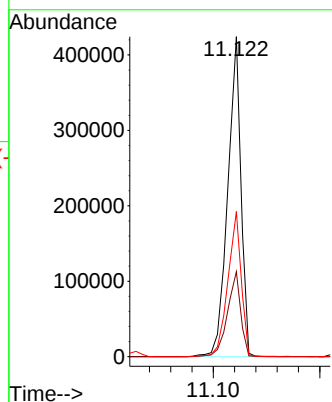
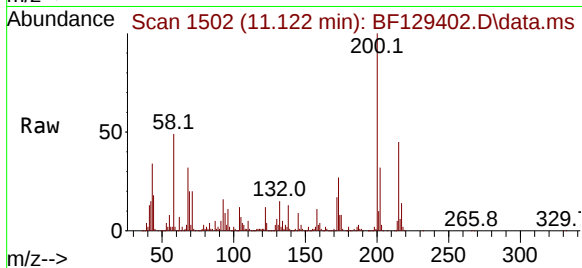
Tgt Ion:200 Resp: 365549

Ion Ratio Lower Upper

200 100

173 26.6 6.3 46.3

215 45.4 28.3 68.3



#70

Pentachlorophenol

Concen: 79.768 ng

RT: 11.227 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

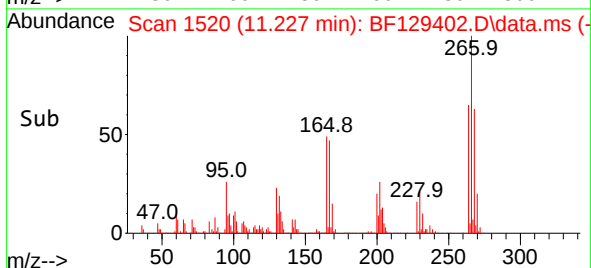
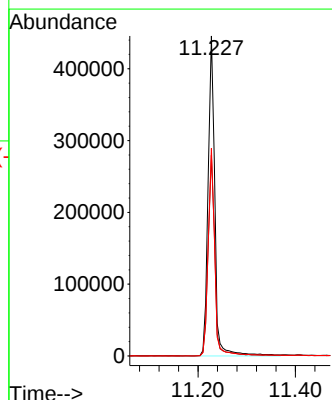
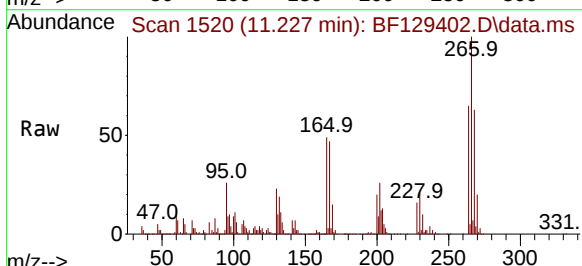
Tgt Ion:266 Resp: 427904

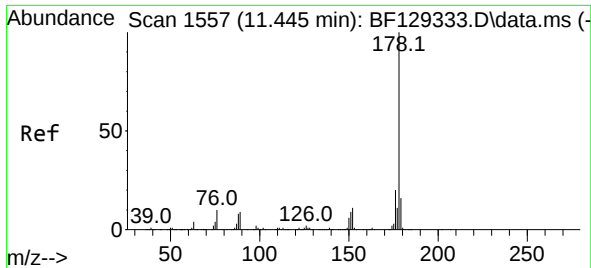
Ion Ratio Lower Upper

266 100

268 62.8 51.0 76.4

264 64.9 49.4 74.2

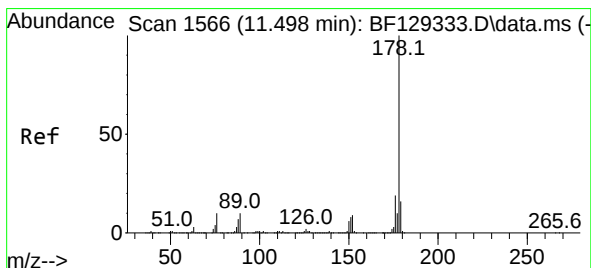
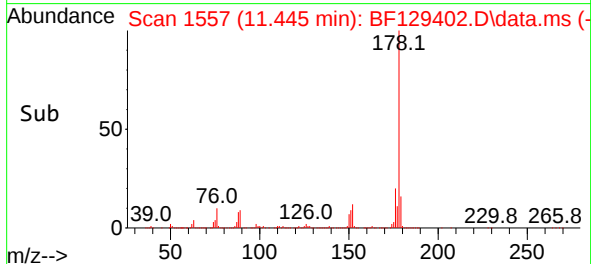
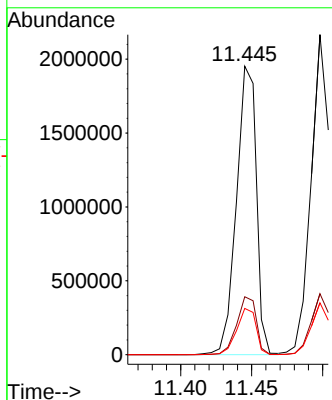
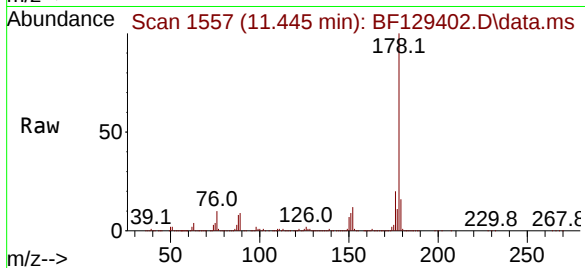




#71
Phenanthrene
Concen: 42.068 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

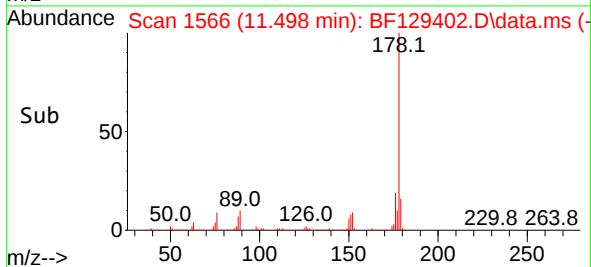
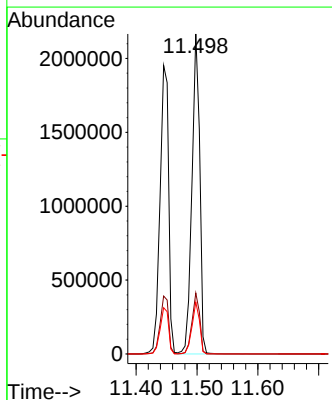
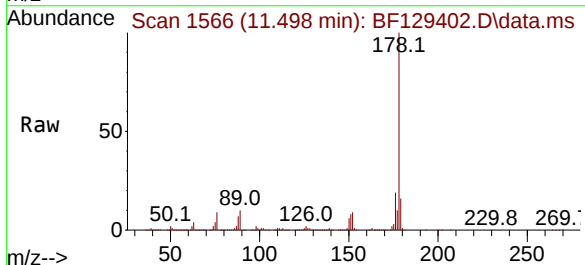
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

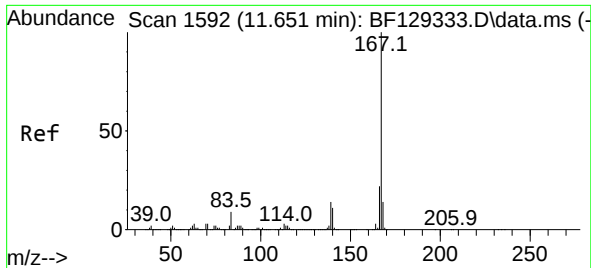
Tgt Ion:178 Resp: 1909799
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.0 12.6 19.0



#72
Anthracene
Concen: 43.406 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:178 Resp: 1936468
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 16.2 12.6 19.0



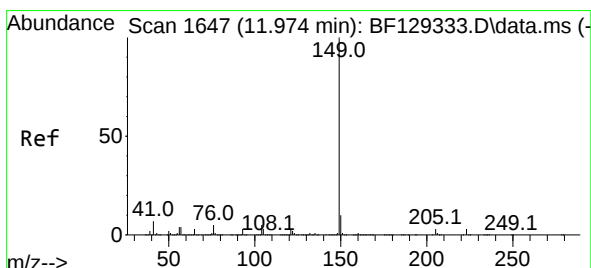
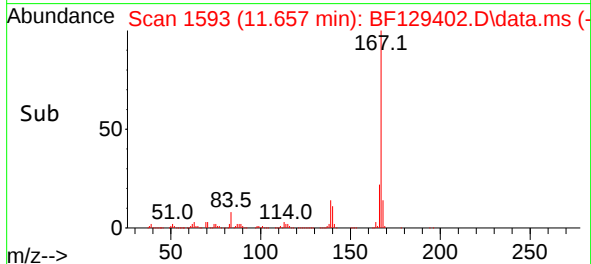
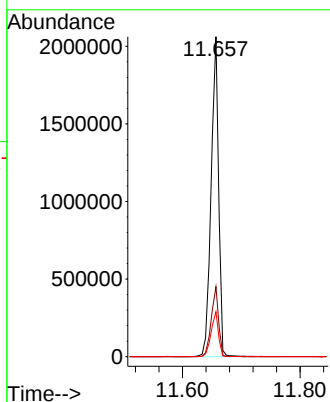
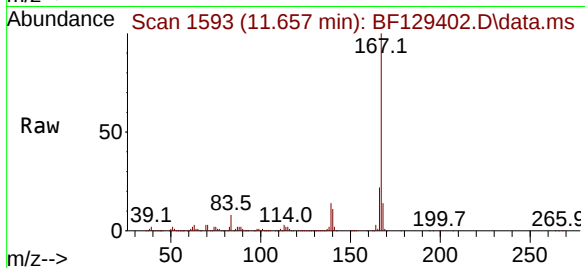


#73
 Carbazole
 Concen: 43.676 ng
 RT: 11.657 min Scan# 1592
 Delta R.T. 0.006 min
 Lab File: BF129402.D
 Acq: 28 Jul 2022 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB146497BSD

Tgt Ion:167 Resp: 1834235

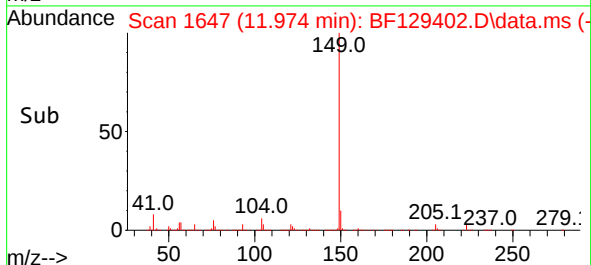
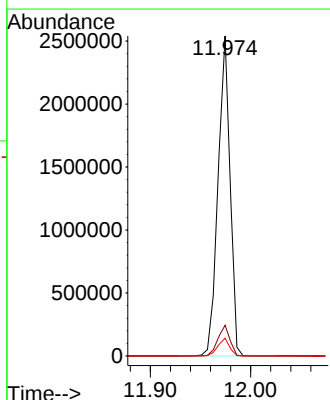
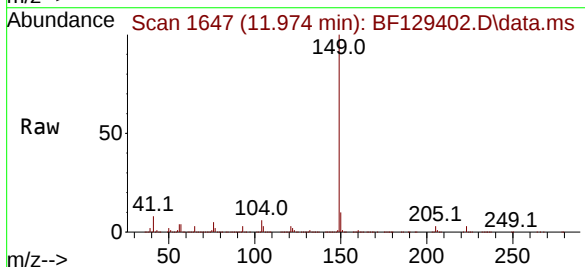
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.1	11.2	16.8

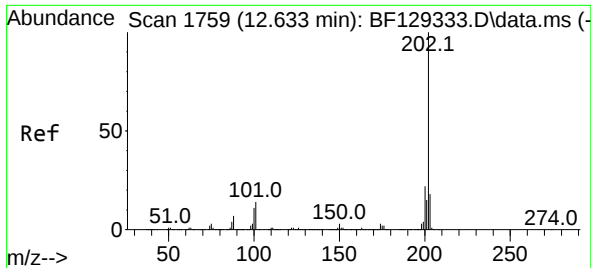


#74
 Di-n-butylphthalate
 Concen: 42.230 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF129402.D
 Acq: 28 Jul 2022 11:24

Tgt Ion:149 Resp: 2112022

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.5	4.4	6.6

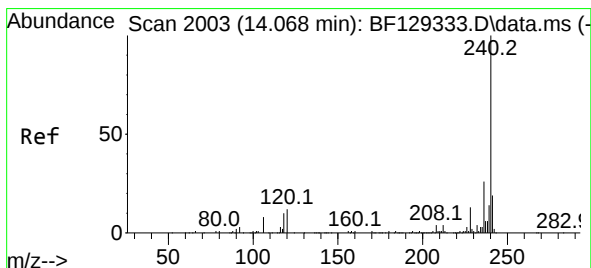
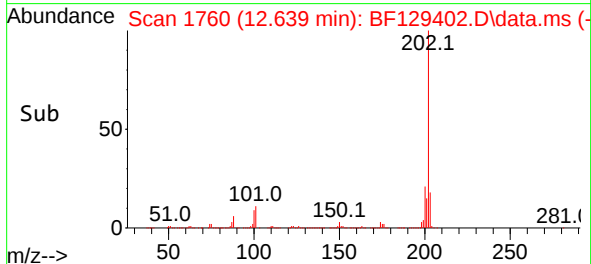
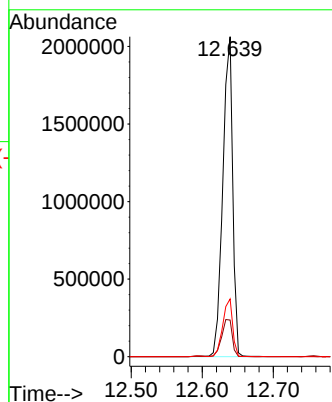
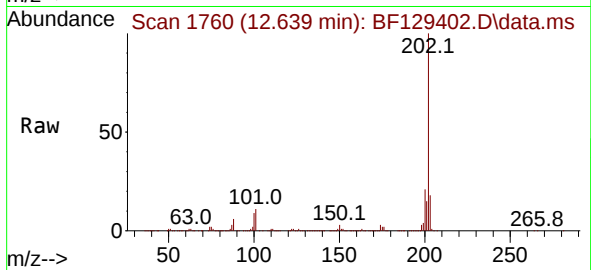




#75
Fluoranthene
Concen: 43.064 ng
RT: 12.639 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

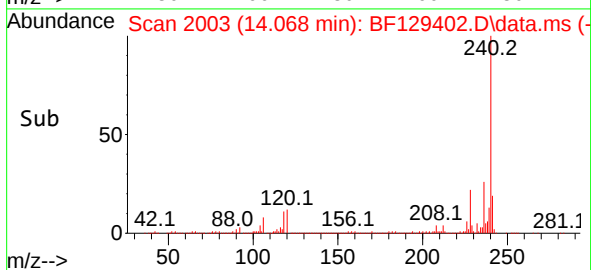
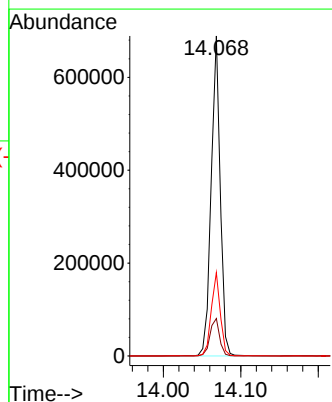
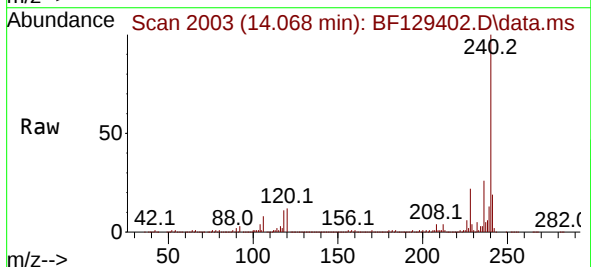
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

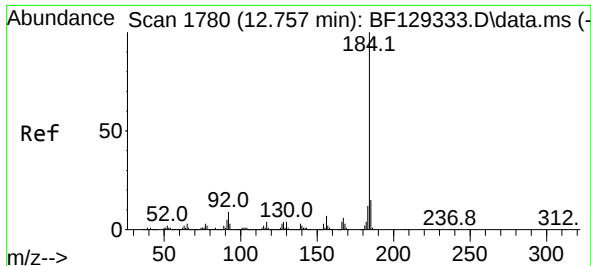
Tgt Ion:202 Resp: 1980874
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:240 Resp: 559778
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.1 20.8 31.2

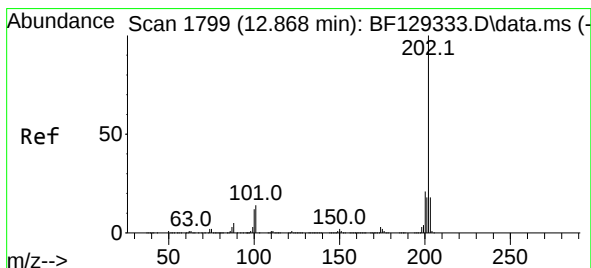
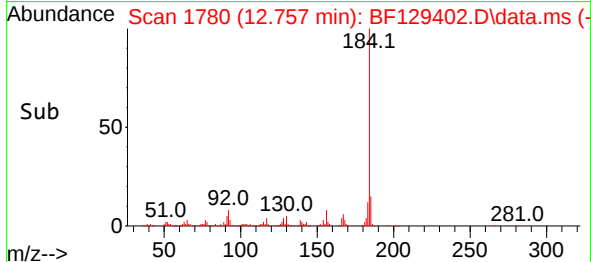
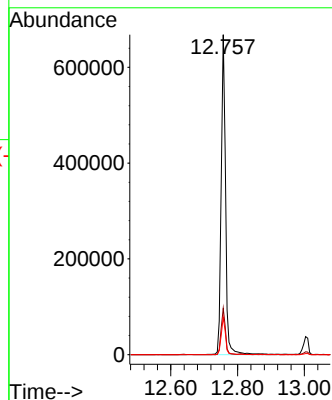
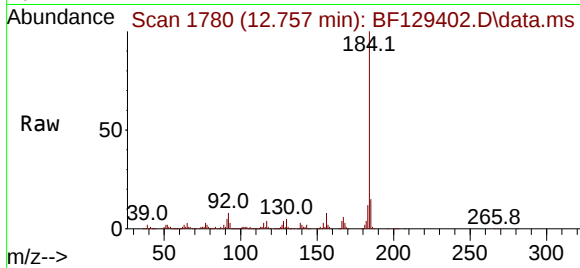




#77
Benzidine
Concen: 30.808 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

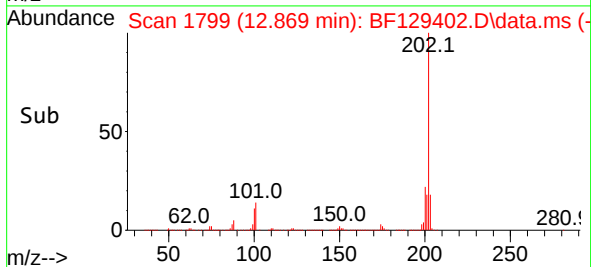
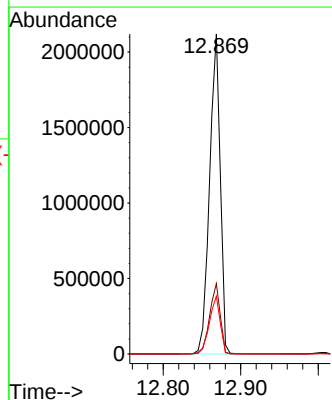
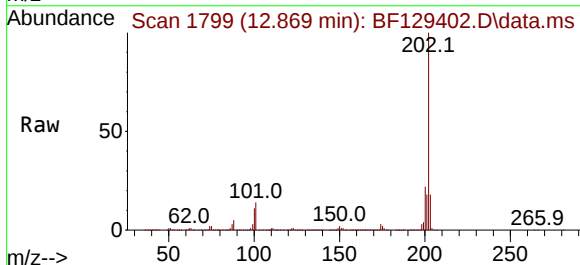
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

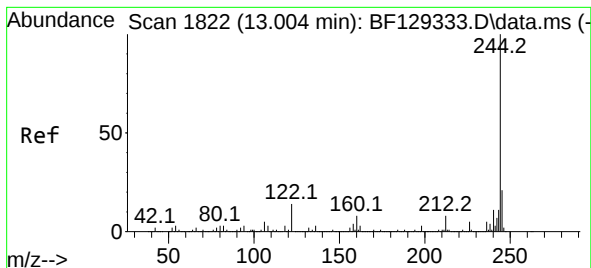
Tgt Ion:184 Resp: 609247
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.8 9.3 13.9



#78
Pyrene
Concen: 43.217 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:202 Resp: 2023014
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 89.511 ng

RT: 13.010 min Scan# 1822

Delta R.T. 0.006 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB146497BSD

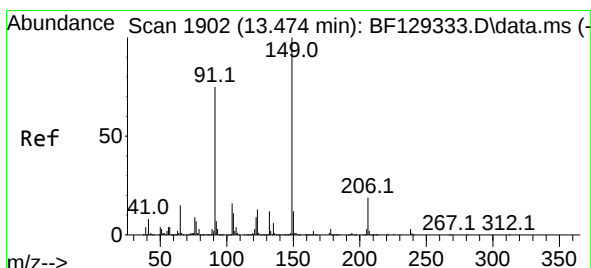
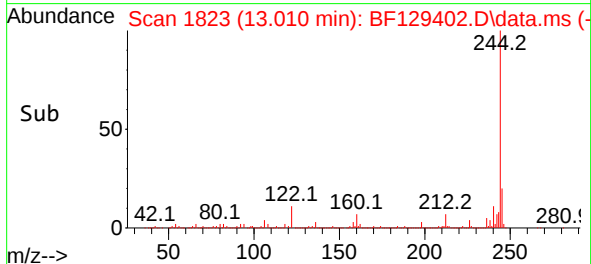
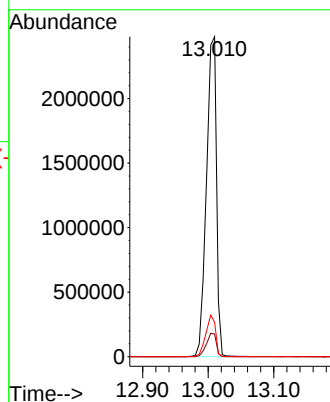
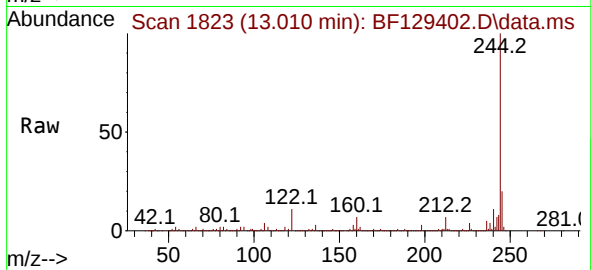
Tgt Ion:244 Resp: 2655940

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 10.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 44.076 ng

RT: 13.474 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

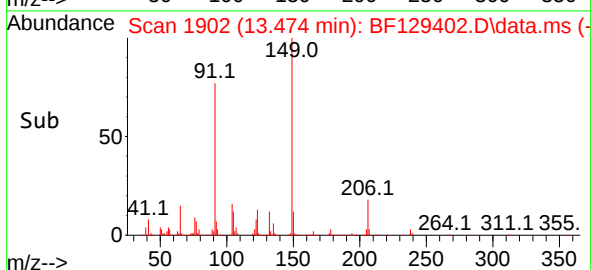
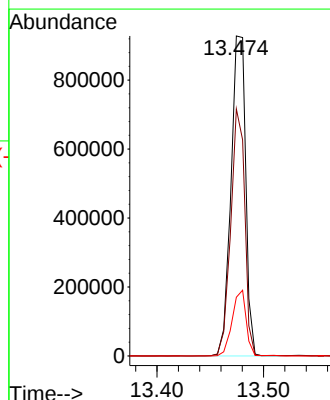
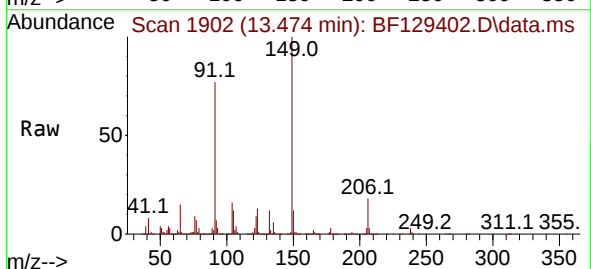
Tgt Ion:149 Resp: 894922

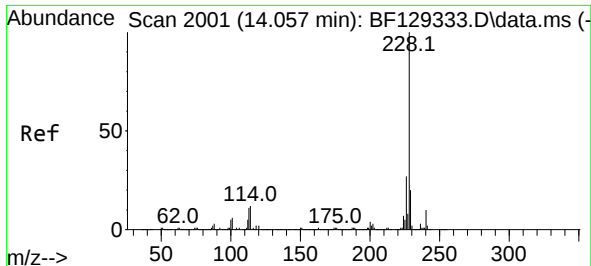
Ion Ratio Lower Upper

149 100

91 77.2 61.2 91.8

206 18.3 15.7 23.5

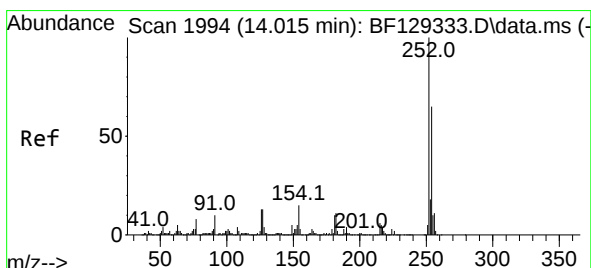
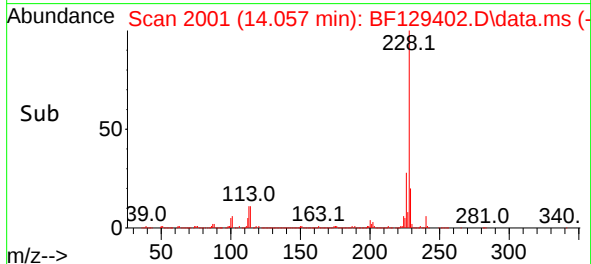
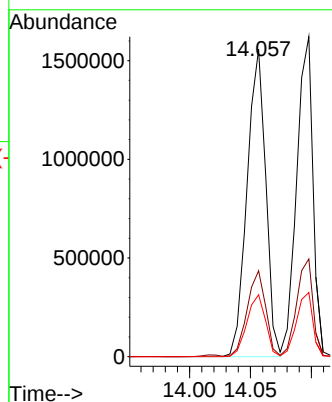
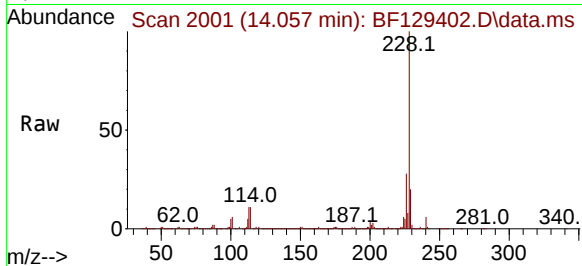




#81
Benzo(a)anthracene
Concen: 43.475 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

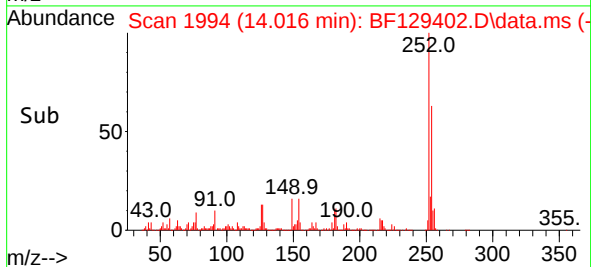
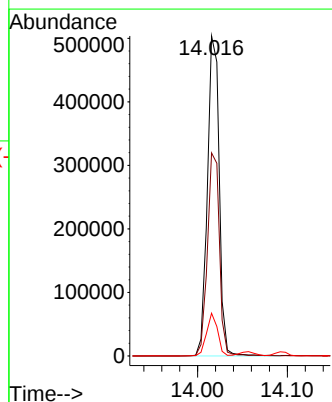
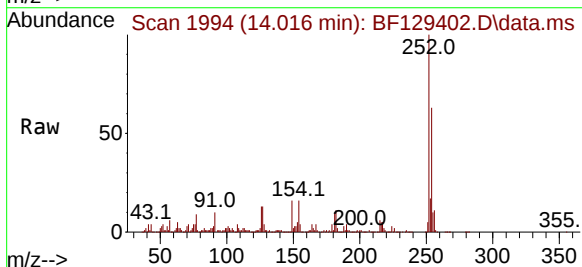
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

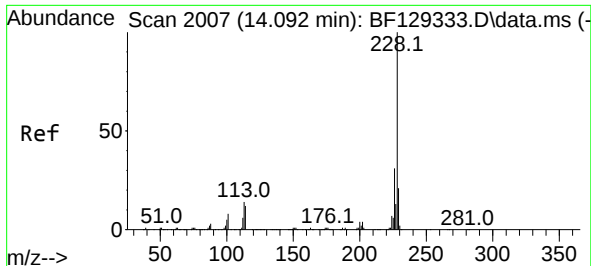
Tgt Ion:228 Resp: 1662417
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 36.531 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:252 Resp: 461211
Ion Ratio Lower Upper
252 100
254 63.4 50.2 75.4
126 13.3 8.2 12.4#

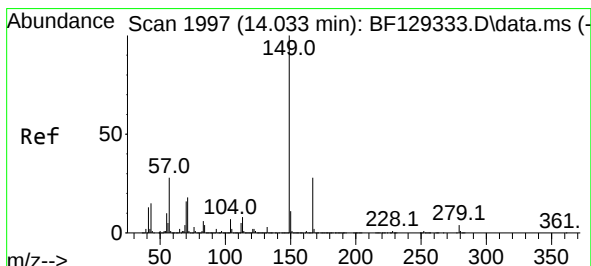
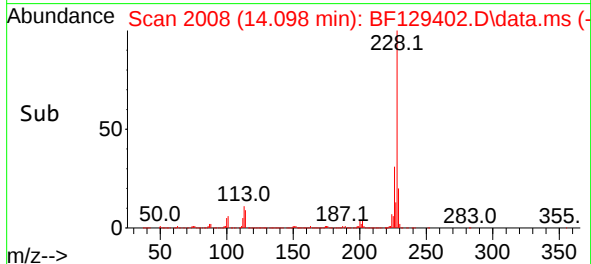
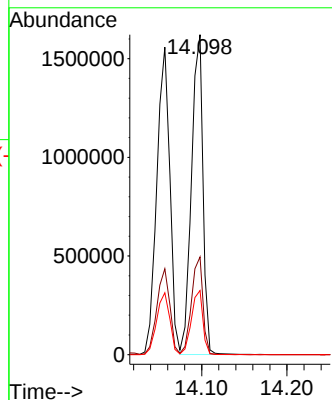
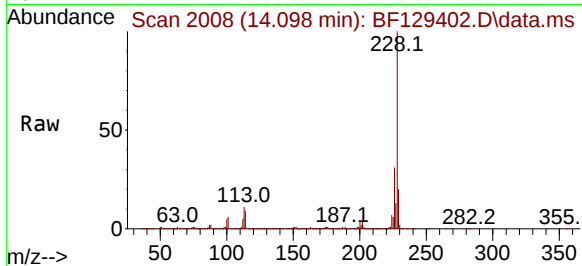




#83
Chrysene
Concen: 41.996 ng
RT: 14.098 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

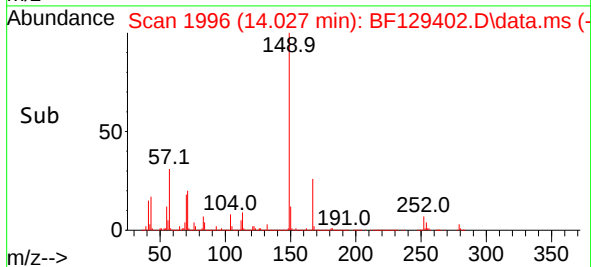
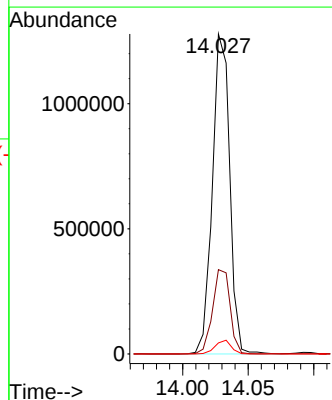
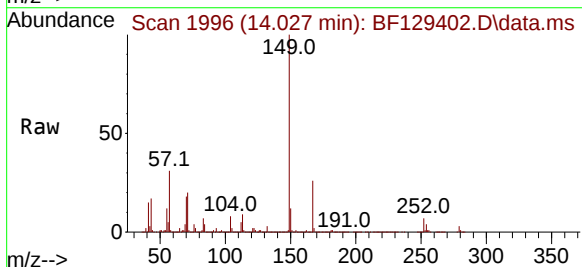
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

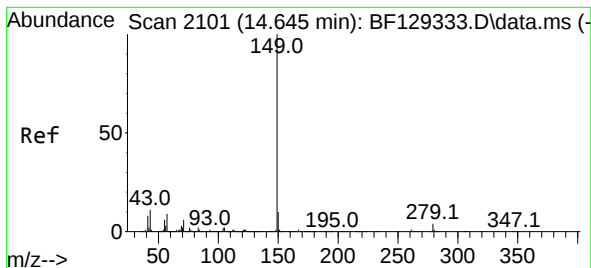
Tgt Ion:228 Resp: 1513443
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.0 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.886 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:149 Resp: 1173091
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 3.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 45.084 ng

RT: 14.645 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB146497BSD

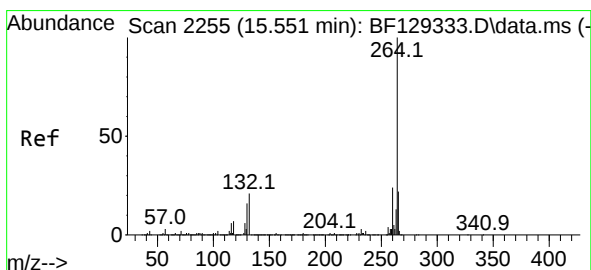
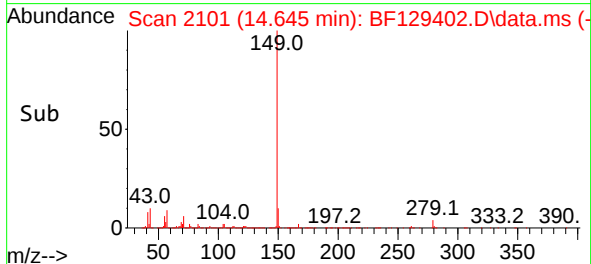
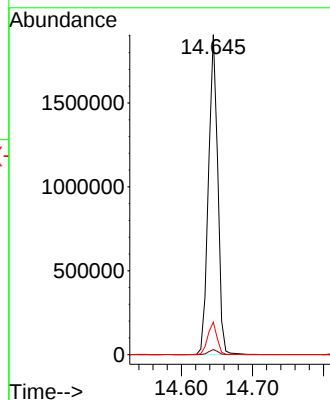
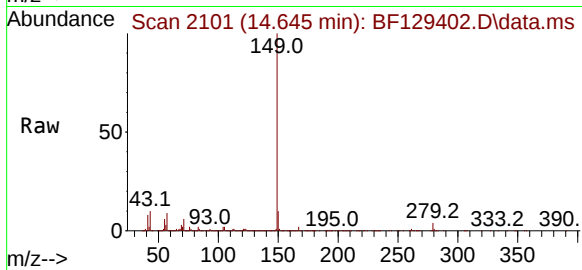
Tgt Ion:149 Resp: 1734217

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2256

Delta R.T. 0.006 min

Lab File: BF129402.D

Acq: 28 Jul 2022 11:24

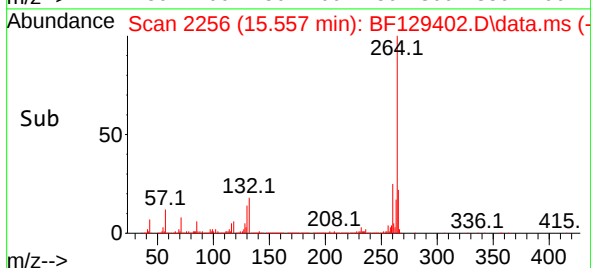
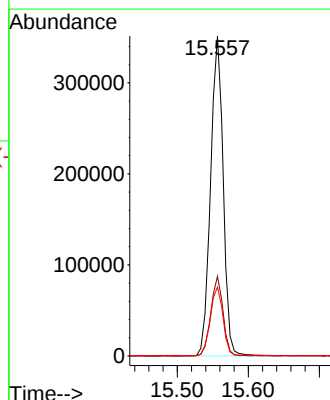
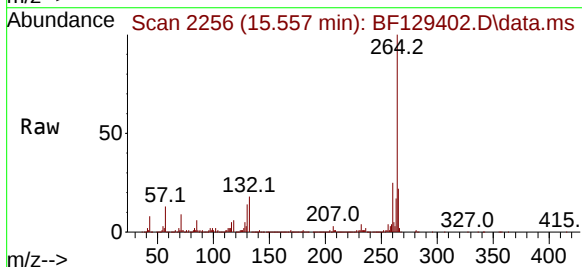
Tgt Ion:264 Resp: 434549

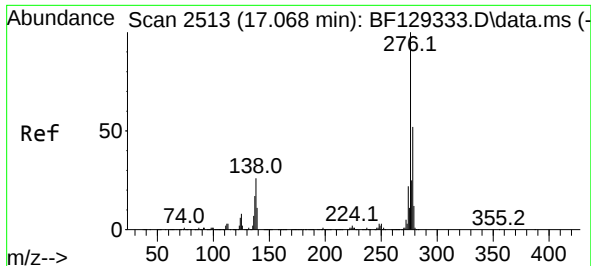
Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 21.6 17.2 25.8

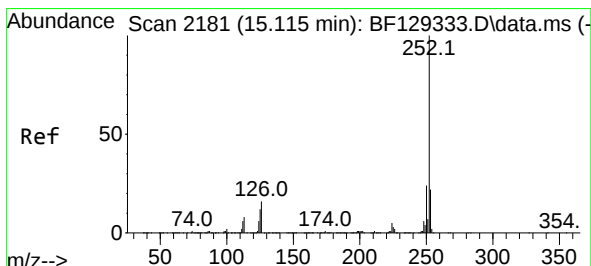
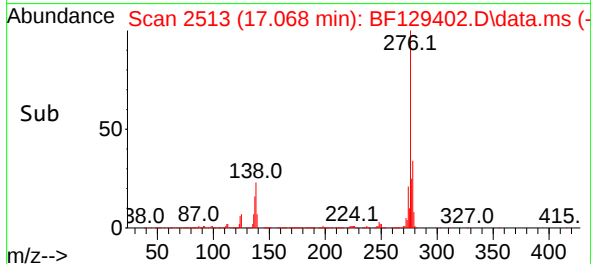
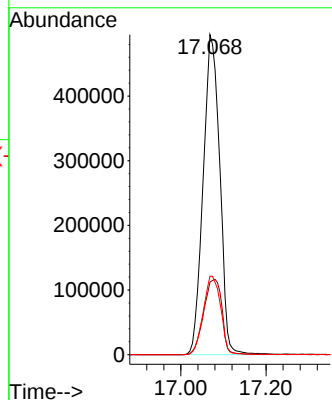
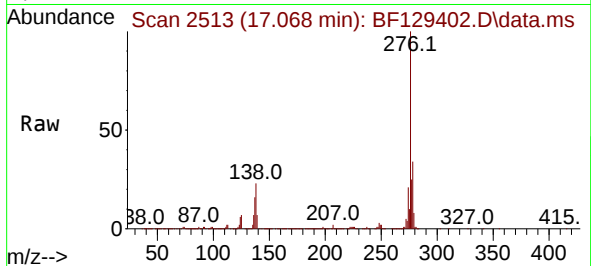




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.856 ng
 RT: 17.068 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BF129402.D
 Acq: 28 Jul 2022 11:24

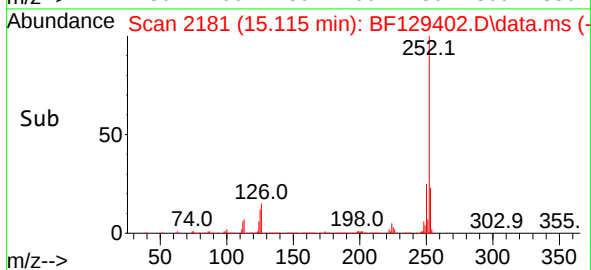
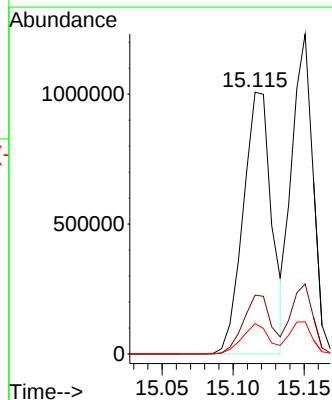
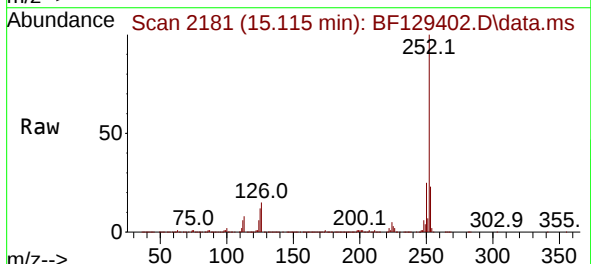
Instrument :
 BNA_F
 ClientSampleId :
 PB146497BSD

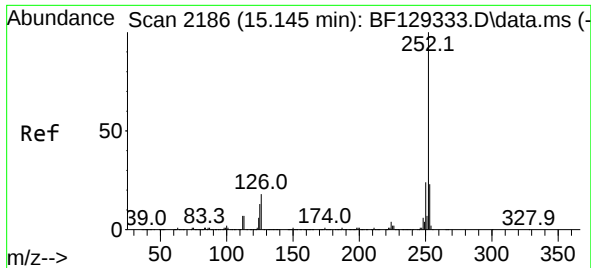
Tgt Ion:276 Resp: 1341886
 Ion Ratio Lower Upper
 276 100
 138 25.8 21.1 31.7
 277 25.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 48.940 ng
 RT: 15.115 min Scan# 2181
 Delta R.T. 0.000 min
 Lab File: BF129402.D
 Acq: 28 Jul 2022 11:24

Tgt Ion:252 Resp: 1410700
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 11.5 8.0 12.0

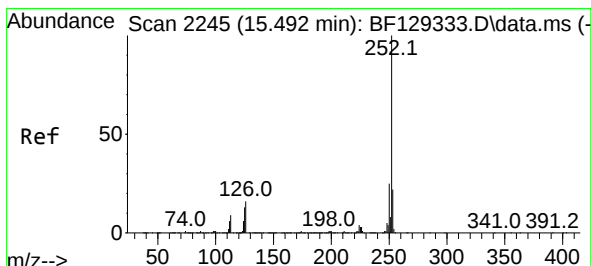
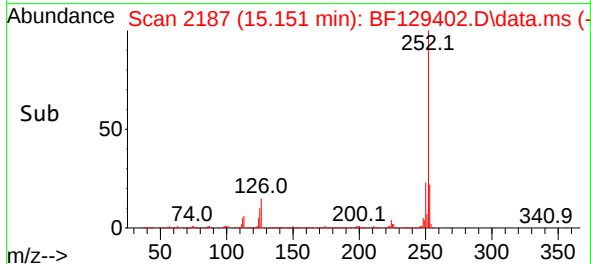
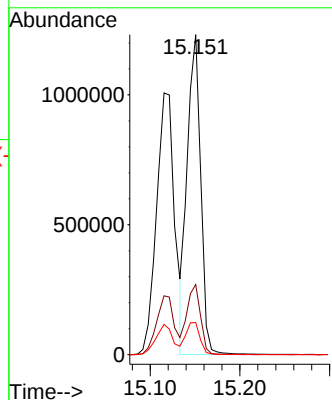
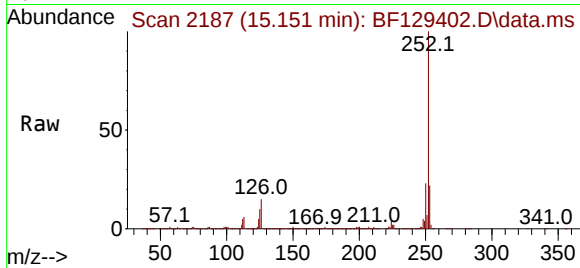




#89
Benzo(k)fluoranthene
Concen: 45.564 ng
RT: 15.151 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

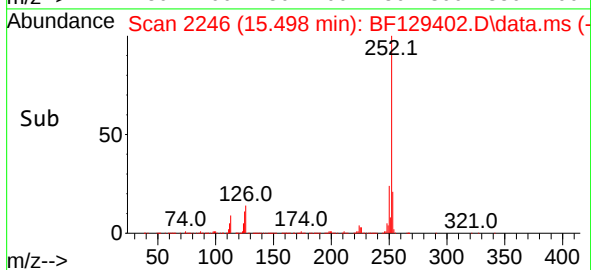
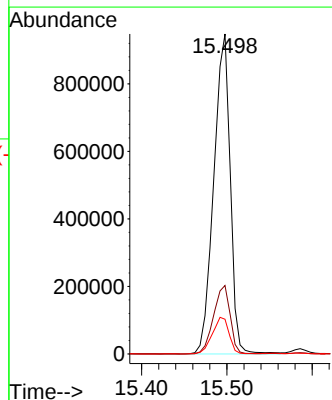
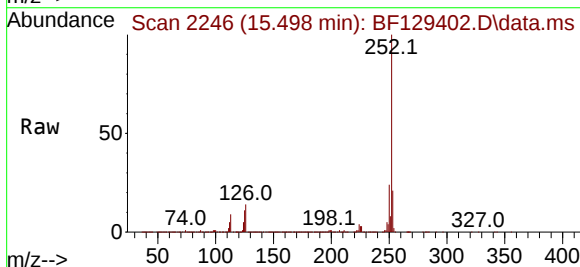
Instrument :
BNA_F
ClientSampleId :
PB146497BSD

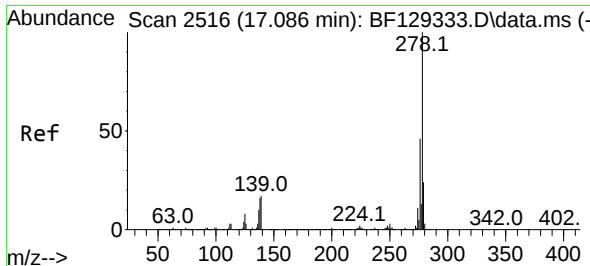
Tgt Ion:252 Resp: 1287058
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 54.262 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:252 Resp: 1269699
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 10.9 8.8 13.2

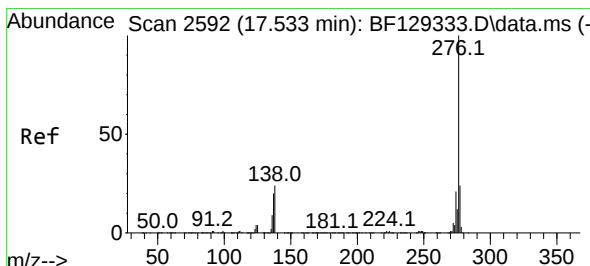
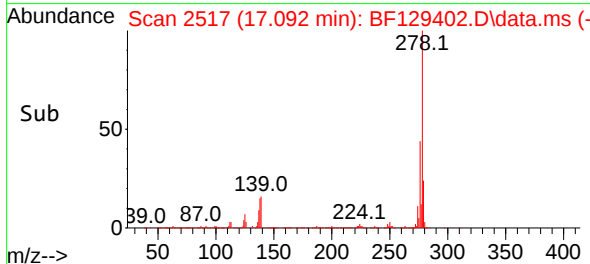
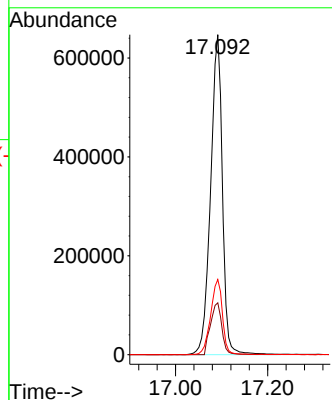
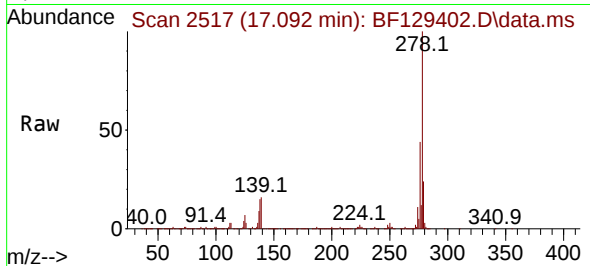




#91
Dibenzo(a,h)anthracene
Concen: 48.466 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Instrument :
BNA_F
ClientSampleId :
PB146497BSD

Tgt Ion:278 Resp: 1154332
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 49.059 ng
RT: 17.539 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF129402.D
Acq: 28 Jul 2022 11:24

Tgt Ion:276 Resp: 1193964
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 21.5 18.0 27.0

