

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142032.D
 Acq On : 21 Mar 2025 16:21
 Operator : RC/JU
 Sample : Q1619-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Mar 21 16:49:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	138871	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	533642	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	287013	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	449886	20.000	ng	0.00
76) Chrysene-d12	14.039	240	279718	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	329737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	643421	77.327	ng	0.00
7) Phenol-d6	6.498	99	878405	82.914	ng	0.00
23) Nitrobenzene-d5	7.434	82	561624	59.227	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	244579	67.171	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1105944	58.601	ng	-0.01
79) Terphenyl-d14	12.980	244	992229	52.444	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	162405	46.582	ng	98
3) Pyridine	3.475	79	356654	41.704	ng	99
4) n-Nitrosodimethylamine	3.422	42	172902	42.413	ng	96
6) Aniline	6.534	93	263467	25.209	ng	98
8) 2-Chlorophenol	6.657	128	418967	45.400	ng	99
9) Benzaldehyde	6.422	77	107698	18.177	ng	99
10) Phenol	6.516	94	492276	44.168	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	369934	44.203	ng	97
12) 1,3-Dichlorobenzene	6.816	146	458658	46.036	ng	98
13) 1,4-Dichlorobenzene	6.892	146	464234	46.053	ng	99
14) 1,2-Dichlorobenzene	7.045	146	442418	46.596	ng	98
15) Benzyl Alcohol	7.010	79	361908	42.255	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	413540	40.930	ng	98
17) 2-Methylphenol	7.122	107	329408	44.894	ng	99
18) Hexachloroethane	7.387	117	172044	45.513	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	272929	40.093	ng	99
20) 3+4-Methylphenols	7.275	107	411532	43.787	ng	# 85
22) Acetophenone	7.281	105	625098	48.914	ng	98
24) Nitrobenzene	7.451	77	427221	45.320	ng	99
25) Isophorone	7.692	82	765384	45.662	ng	100
26) 2-Nitrophenol	7.769	139	223524	48.312	ng	98
27) 2,4-Dimethylphenol	7.804	122	347124	54.487	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	464565	44.188	ng	99
29) 2,4-Dichlorophenol	8.010	162	352425	44.568	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	401357	46.057	ng	98
31) Naphthalene	8.181	128	1225504	44.706	ng	100
32) Benzoic acid	7.875	122	92221	16.468	ng	97
33) 4-Chloroaniline	8.222	127	149760	15.476	ng	98
34) Hexachlorobutadiene	8.292	225	271150	47.711	ng	99
35) Caprolactam	8.586	113	65158	27.027	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	374923	42.503	ng	98
37) 2-Methylnaphthalene	8.869	142	773443	42.212	ng	99
38) 1-Methylnaphthalene	8.969	142	761794	43.085	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	464171	53.119	ng	99
41) Hexachlorocyclopentadiene	9.022	237	542258	158.562	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	262735	46.006	ng	100

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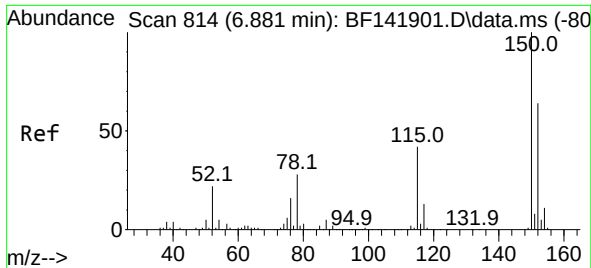
Quant Time: Mar 21 16:49:22 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	275390	47.612	ng	99
46) 1,1'-Biphenyl	9.333	154	1119369	51.329	ng	99
47) 2-Chloronaphthalene	9.357	162	755810	46.499	ng	99
48) 2-Nitroaniline	9.451	65	214754	45.631	ng	99
49) Acenaphthylene	9.775	152	1165157	48.305	ng	100
50) Dimethylphthalate	9.633	163	895675	44.564	ng	100
51) 2,6-Dinitrotoluene	9.692	165	194878	46.568	ng	94
52) Acenaphthene	9.945	154	815935	48.135	ng	100
53) 3-Nitroaniline	9.857	138	103816	24.457	ng	100
54) 2,4-Dinitrophenol	9.969	184	127526	55.801	ng #	48
55) Dibenzofuran	10.116	168	1067059	44.055	ng	99
56) 4-Nitrophenol	10.022	139	273919	85.568	ng	97
57) 2,4-Dinitrotoluene	10.098	165	261243	47.797	ng	97
58) Fluorene	10.463	166	842272	45.093	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	228205	43.358	ng	98
60) Diethylphthalate	10.333	149	875974	43.709	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	438773	45.057	ng	97
62) 4-Nitroaniline	10.475	138	162615	39.349	ng	98
63) Azobenzene	10.610	77	829033	44.494	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	105407	39.302	ng	98
66) n-Nitrosodiphenylamine	10.569	169	710587	48.809	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	276011	48.851	ng	99
68) Hexachlorobenzene	11.010	284	313211	50.544	ng	93
69) Atrazine	11.092	200	268438	60.147	ng	99
70) Pentachlorophenol	11.198	266	308058	80.685	ng	99
71) Phenanthrene	11.422	178	1321815	54.396	ng	100
72) Anthracene	11.475	178	1194884	49.013	ng	100
73) Carbazole	11.627	167	944706	44.933	ng	100
74) Di-n-butylphthalate	11.957	149	1233741	44.224	ng	100
75) Fluoranthene	12.610	202	1334642	51.778	ng	100
77) Benzidine	12.727	184	226922	58.146	ng	100
78) Pyrene	12.839	202	1272063	52.573	ng	99
80) Butylbenzylphthalate	13.457	149	408585	43.144	ng	97
81) Benzo(a)anthracene	14.027	228	985416	53.686	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	148504	27.996	ng	100
83) Chrysene	14.063	228	861906	51.802	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	555814	42.566	ng	100
85) Di-n-octyl phthalate	14.627	149	935501	51.491	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1081142	50.686	ng	98
88) Benzo(b)fluoranthene	15.080	252	1064459	47.103	ng	100
89) Benzo(k)fluoranthene	15.110	252	936795	48.440	ng	99
90) Benzo(a)pyrene	15.451	252	957883	54.171	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	840086	47.735	ng	99
92) Benzo(g,h,i)perylene	17.456	276	831254	47.797	ng	98

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

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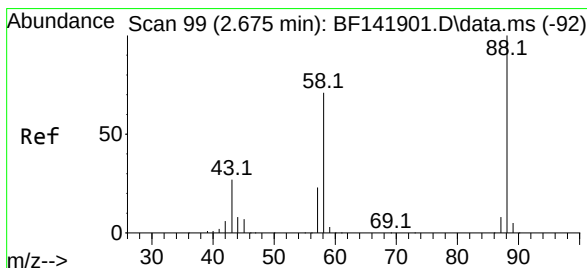
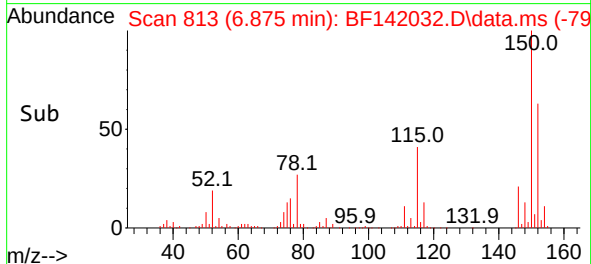
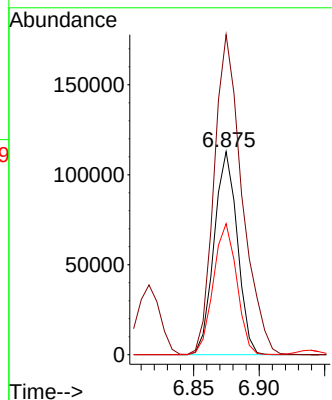
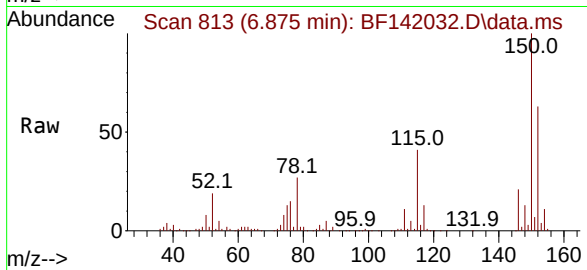




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

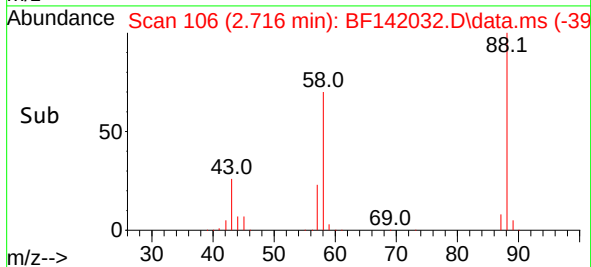
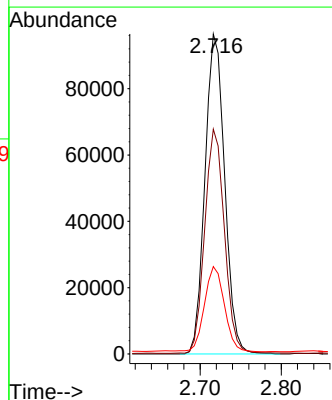
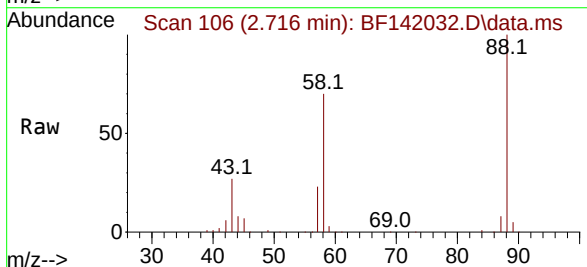
Instrument :
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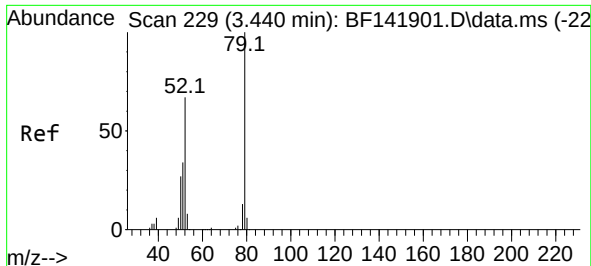
Tgt Ion:152 Resp: 138871
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.4 191.2
 115 64.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 46.582 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.041 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

Tgt Ion: 88 Resp: 162405
 Ion Ratio Lower Upper
 88 100
 58 70.1 57.4 86.2
 43 27.0 21.5 32.3





#3

Pyridine

Concen: 41.704 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

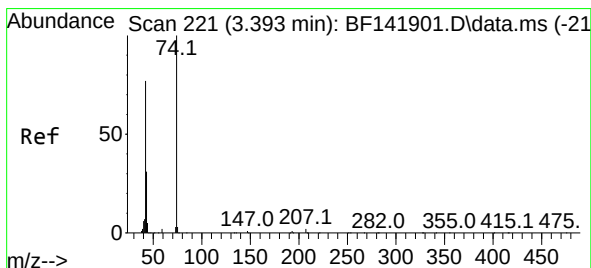
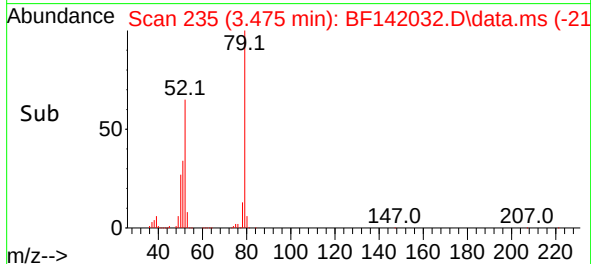
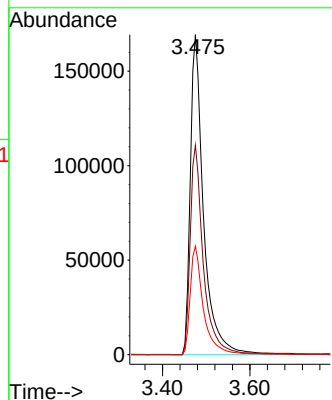
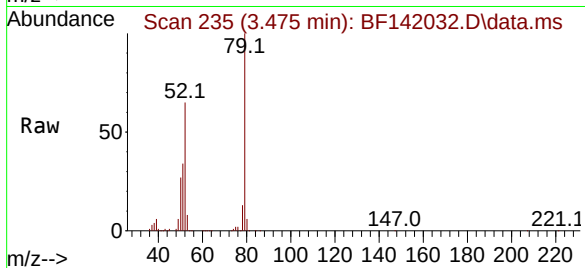
BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 79 Resp: 356654

Ion	Ratio	Lower	Upper
79	100		
52	65.5	53.3	79.9
51	33.9	27.6	41.4



#4

n-Nitrosodimethylamine

Concen: 42.413 ng

RT: 3.422 min Scan# 226

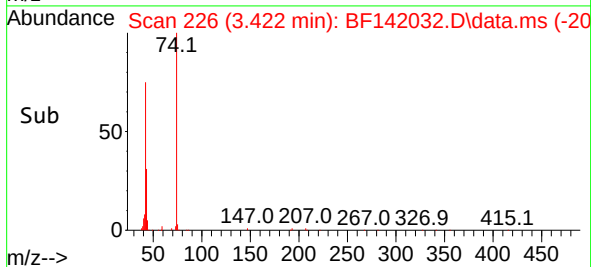
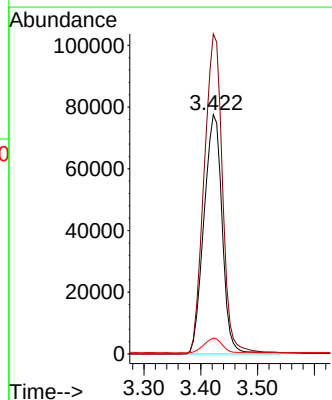
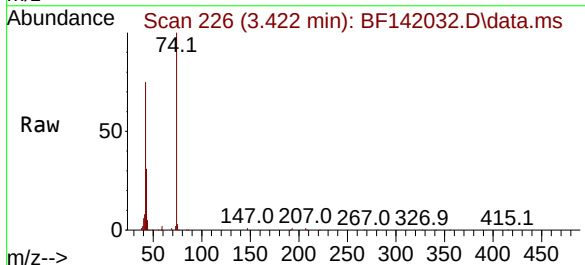
Delta R.T. 0.030 min

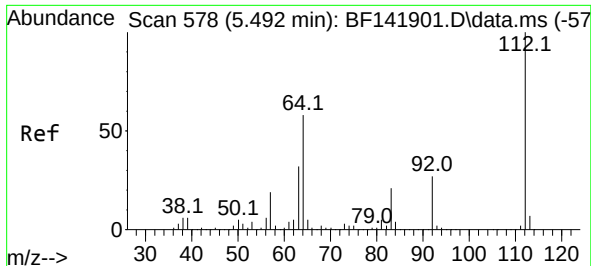
Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Tgt Ion: 42 Resp: 172902

Ion	Ratio	Lower	Upper
42	100		
74	133.7	103.4	155.0
44	6.6	5.0	7.4

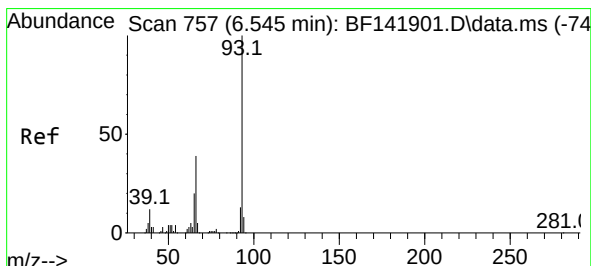
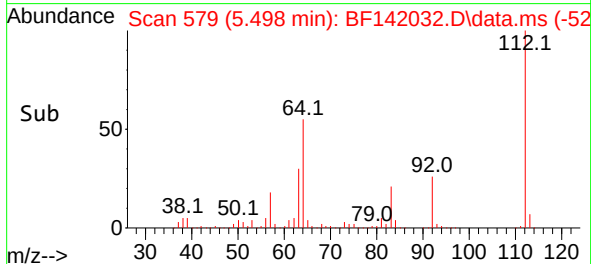
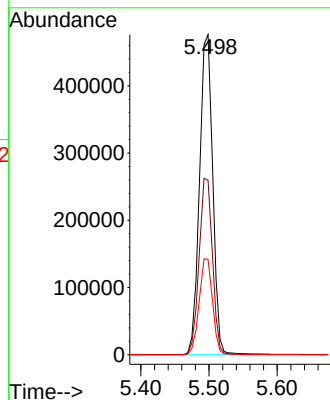
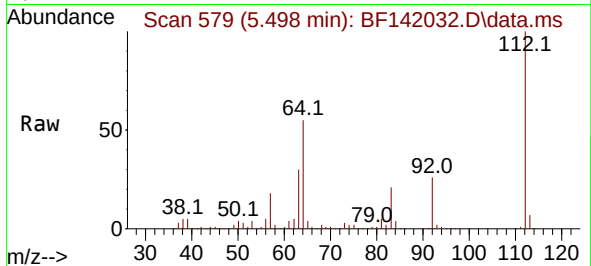




#5
2-Fluorophenol
Concen: 77.327 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

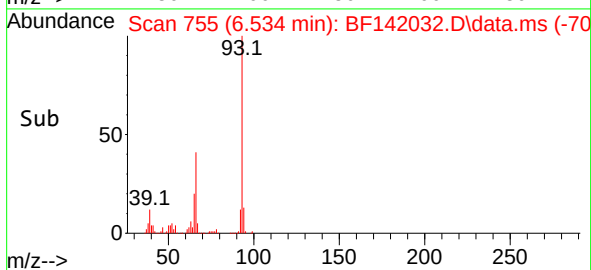
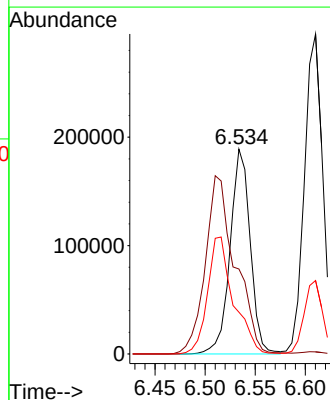
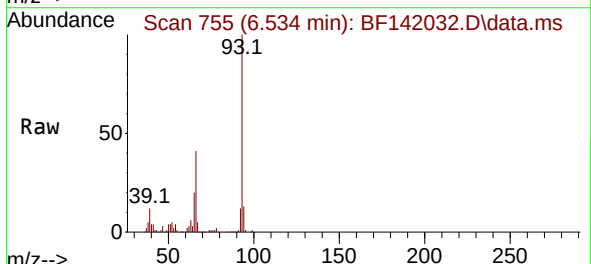
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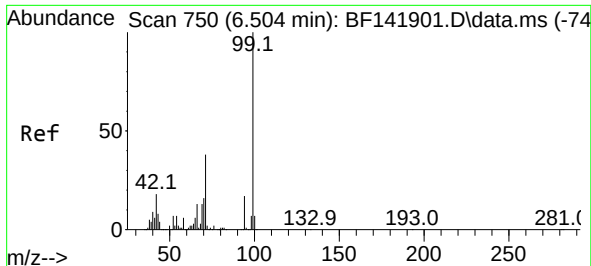
Tgt Ion:112 Resp: 643421
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 29.8 25.4 38.2



#6
Aniline
Concen: 25.209 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion: 93 Resp: 263467
Ion Ratio Lower Upper
93 100
66 41.5 31.9 47.9
65 20.4 15.8 23.6

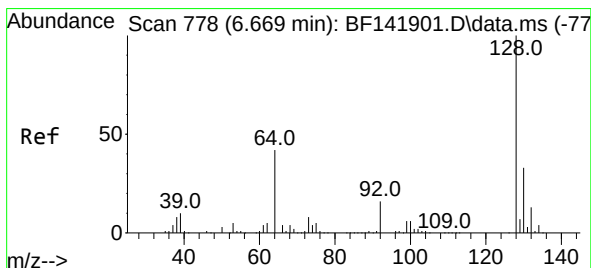
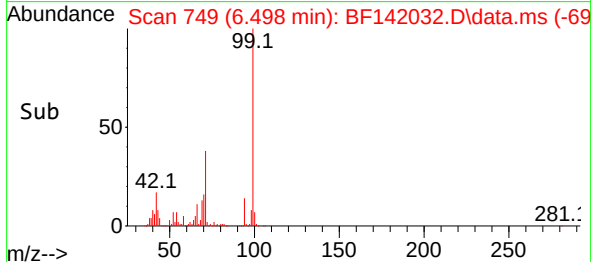
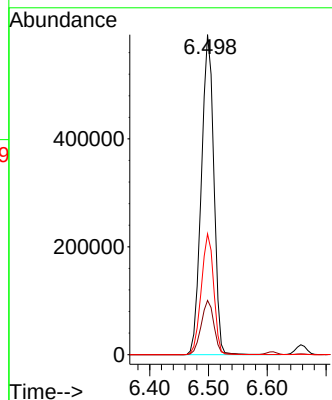
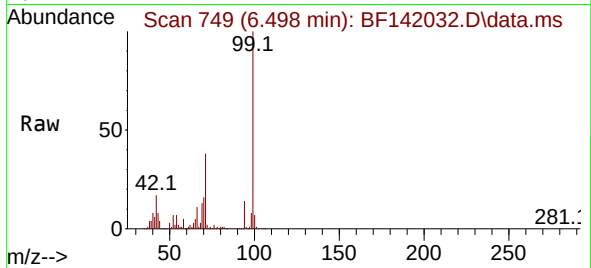




#7
Phenol-d6
Concen: 82.914 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

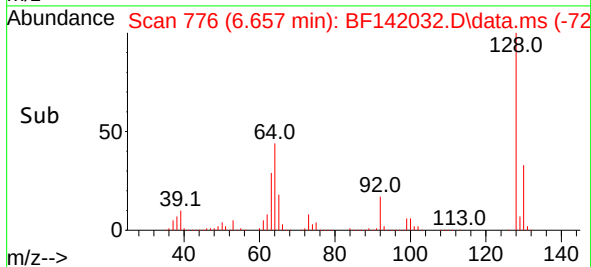
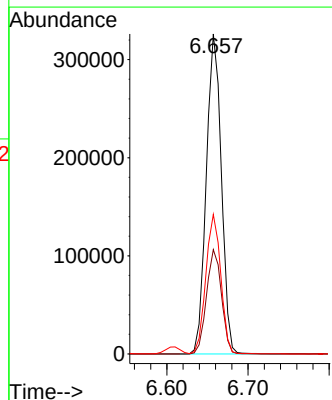
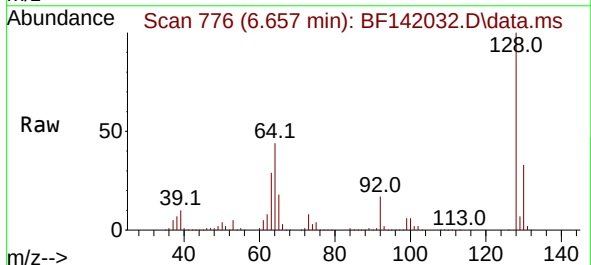
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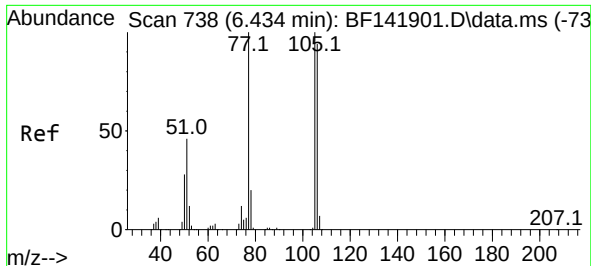
Tgt Ion: 99 Resp: 878405
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 37.8 30.8 46.2



#8
2-Chlorophenol
Concen: 45.400 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion: 128 Resp: 418967
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 43.6 24.4 64.4

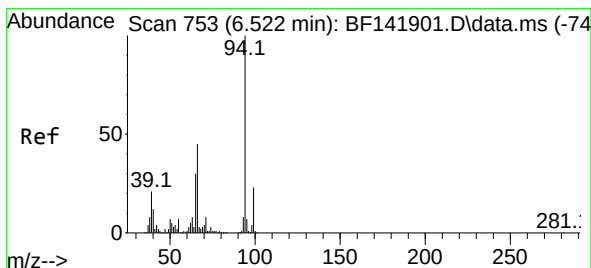
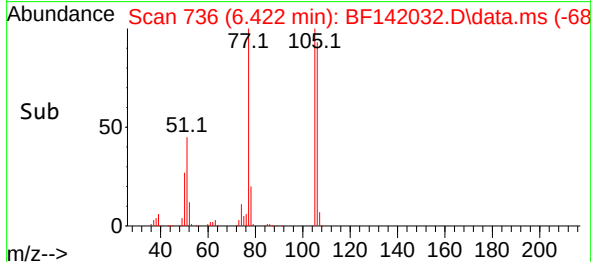
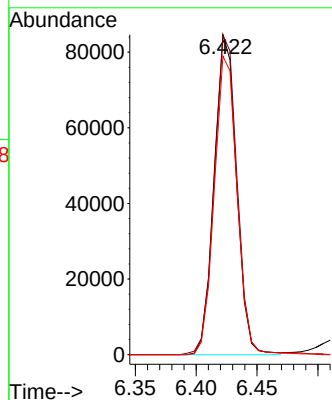
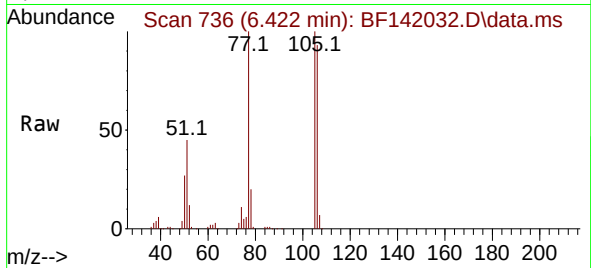




#9
Benzaldehyde
Concen: 18.177 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

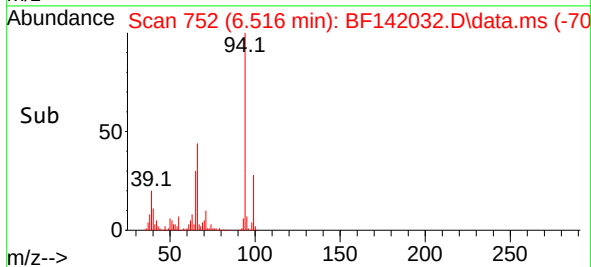
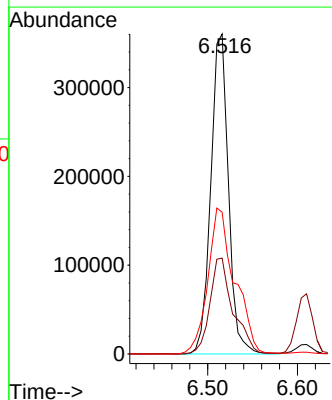
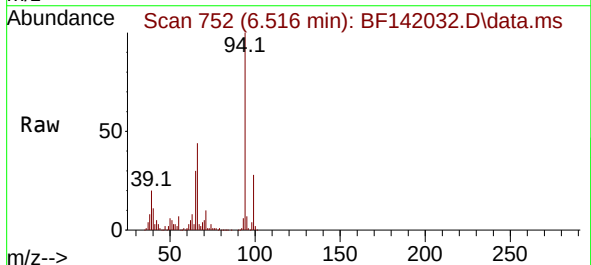
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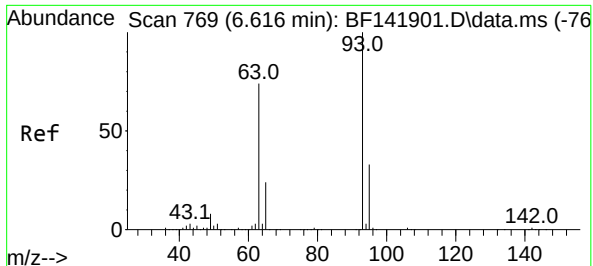
Tgt Ion: 77 Resp: 107698
Ion Ratio Lower Upper
77 100
105 99.8 80.0 120.0
106 93.3 74.5 114.5



#10
Phenol
Concen: 44.168 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion: 94 Resp: 492276
Ion Ratio Lower Upper
94 100
65 29.9 10.5 50.5
66 44.3 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 44.203 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

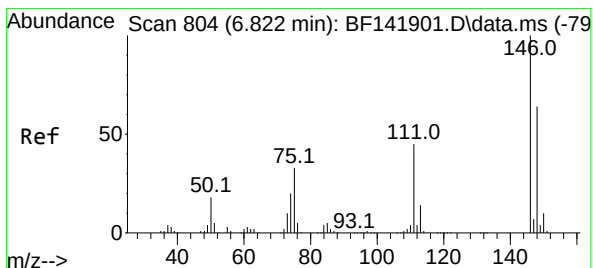
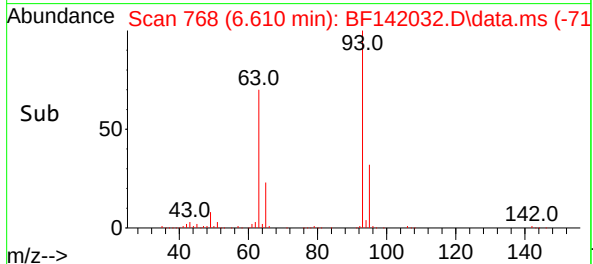
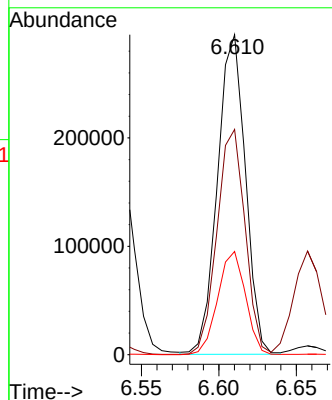
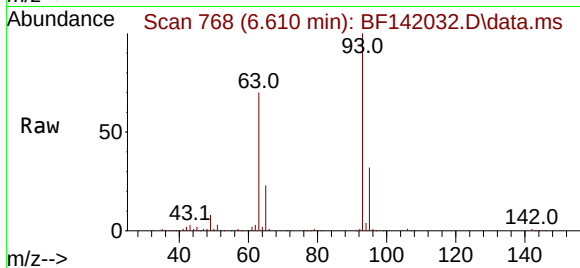
Tgt Ion: 93 Resp: 369934

Ion Ratio Lower Upper

93 100

63 70.4 53.0 93.0

95 32.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.036 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

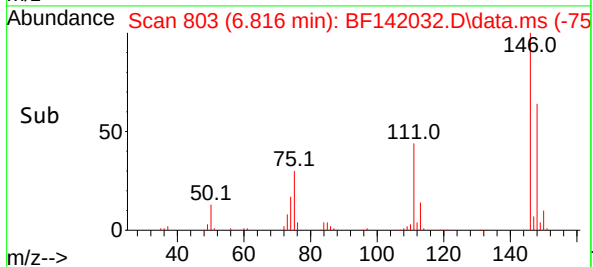
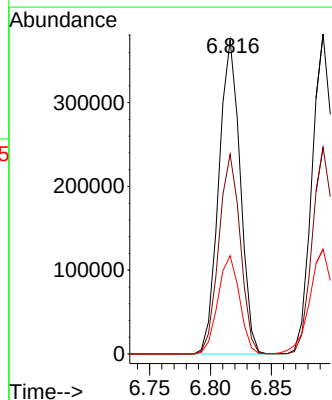
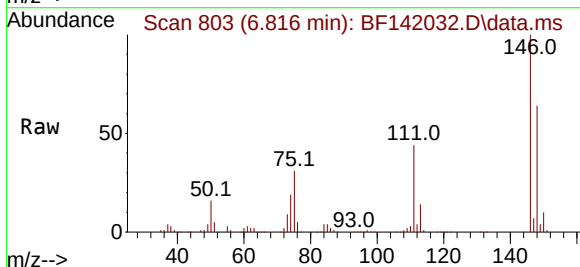
Tgt Ion:146 Resp: 458658

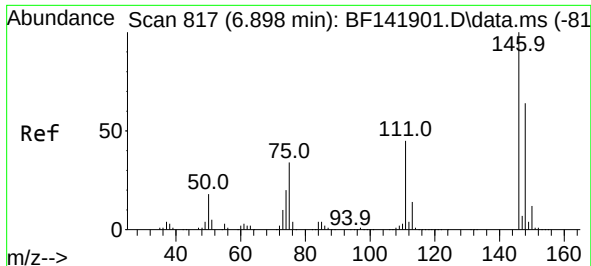
Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

75 31.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 46.053 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

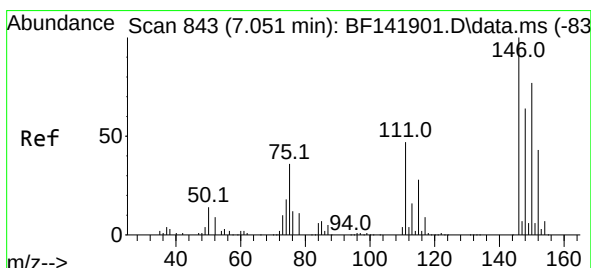
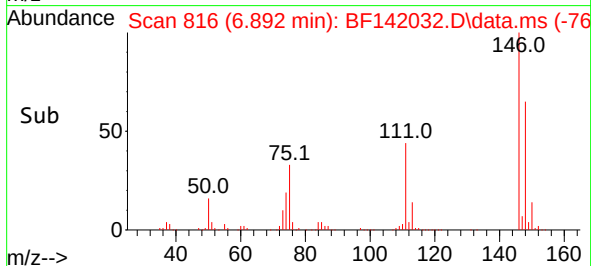
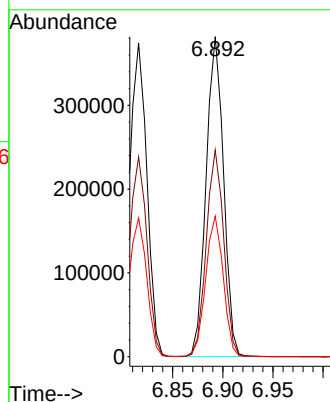
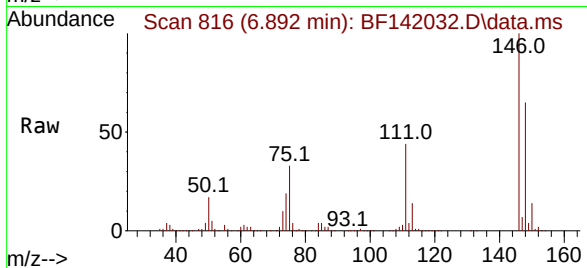
Tgt Ion:146 Resp: 464234

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

111 43.9 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 46.596 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

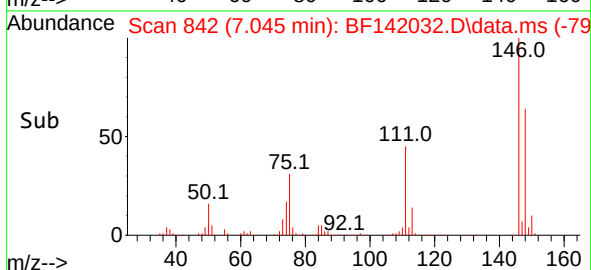
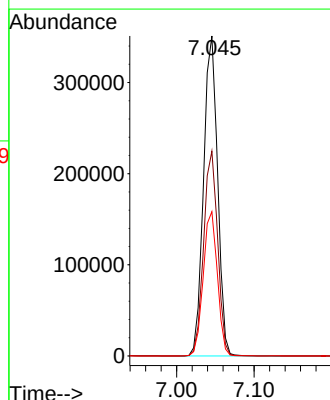
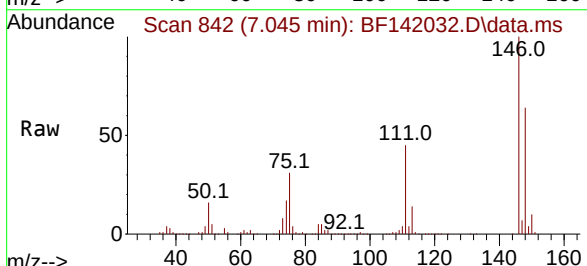
Tgt Ion:146 Resp: 442418

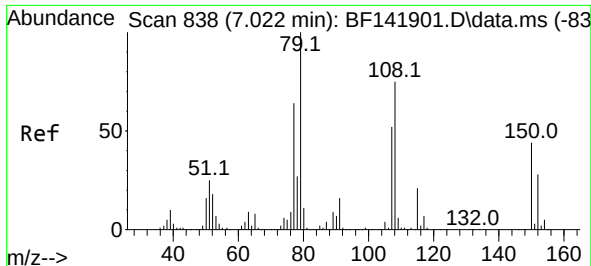
Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

111 45.1 38.0 57.0

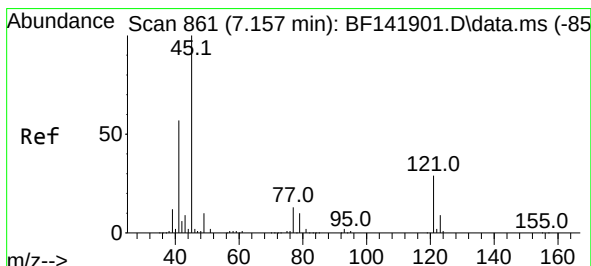
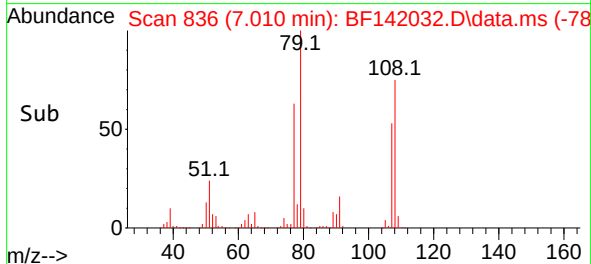
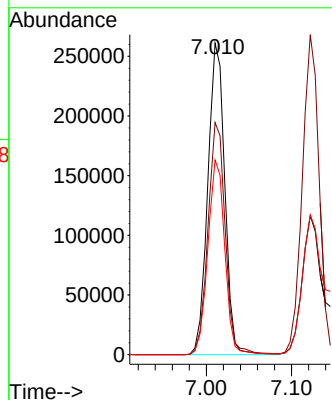
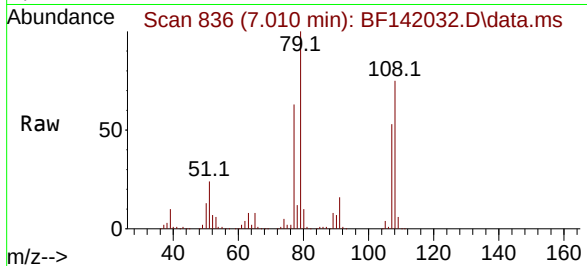




#15
Benzyl Alcohol
Concen: 42.255 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

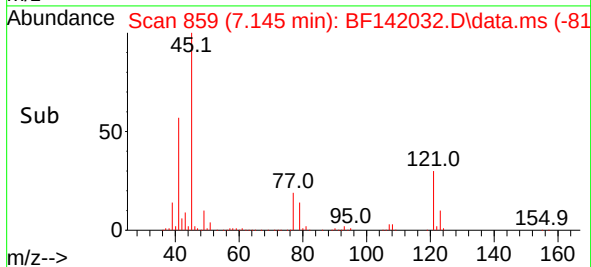
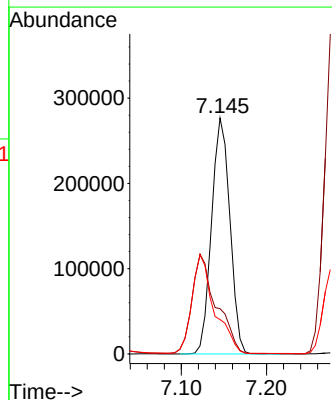
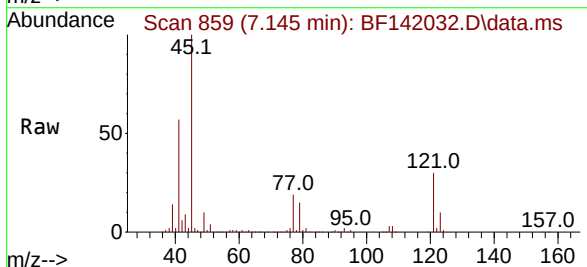
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

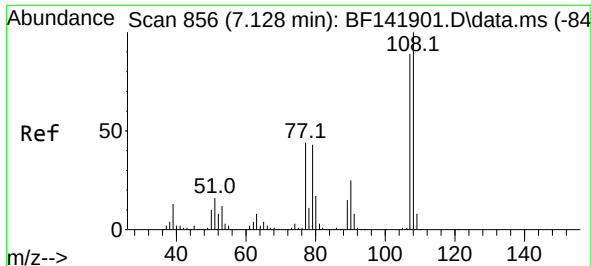
Tgt Ion: 79 Resp: 361908
Ion Ratio Lower Upper
79 100
108 74.5 59.7 89.5
77 62.5 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.930 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion: 45 Resp: 413540
Ion Ratio Lower Upper
45 100
77 19.2 0.0 37.8
79 14.6 0.0 34.2

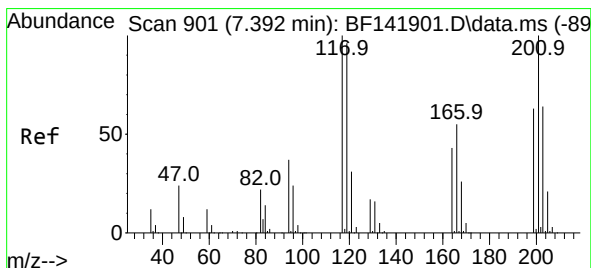
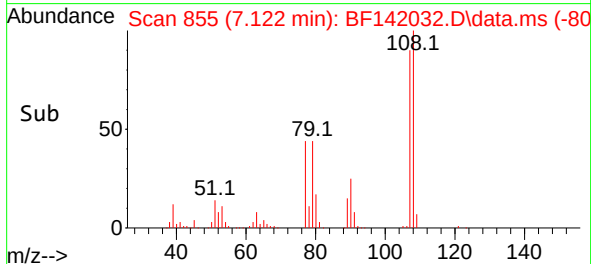
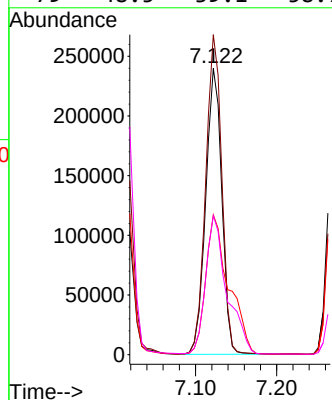
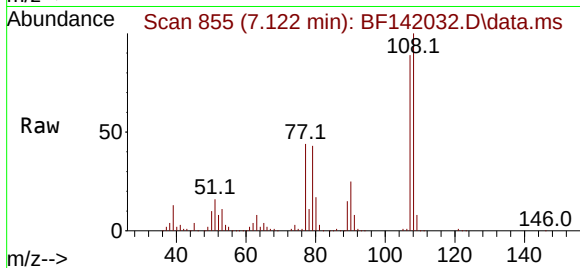




#17
2-Methylphenol
Concen: 44.894 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

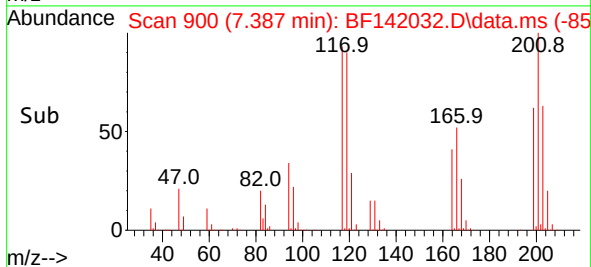
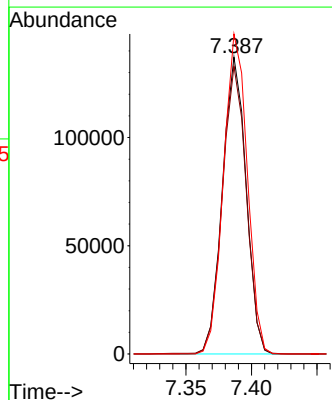
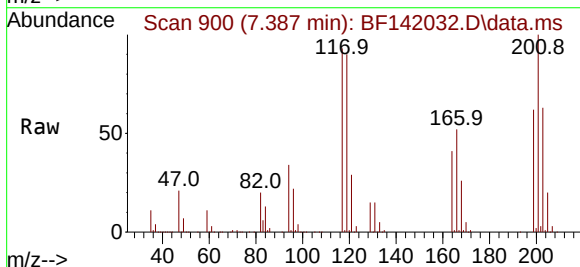
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

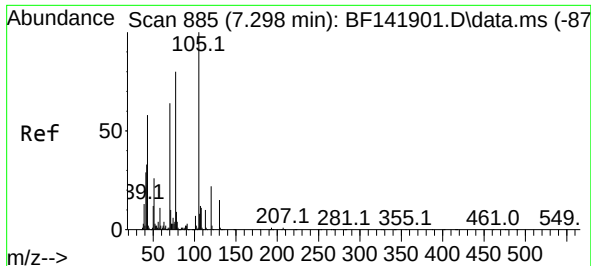
Tgt Ion:	107	Resp:	329408
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	48.8	39.6	59.4
79	48.5	39.1	58.7



#18
Hexachloroethane
Concen: 45.513 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:	117	Resp:	172044
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.9	115.3
201	107.8	79.9	119.9

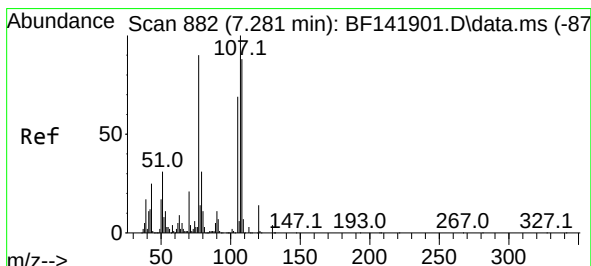
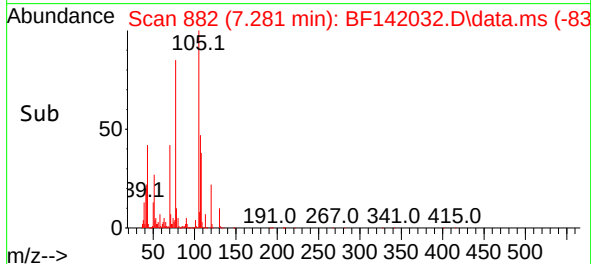
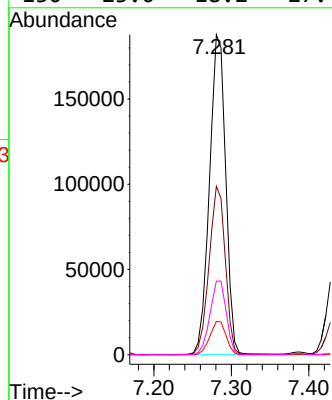
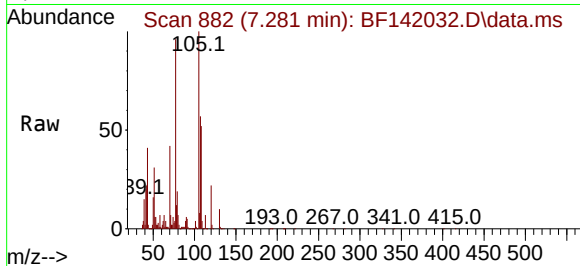




#19
n-Nitroso-di-n-propylamine
Concen: 40.093 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

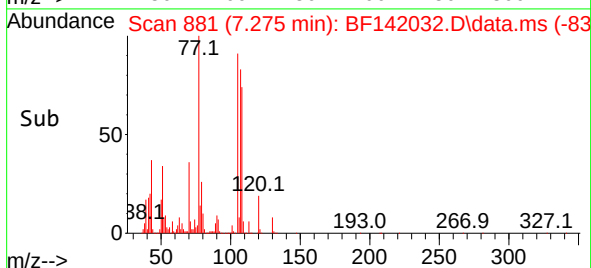
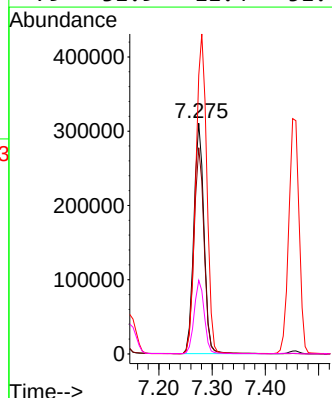
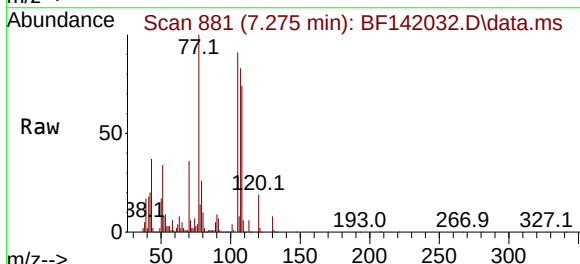
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

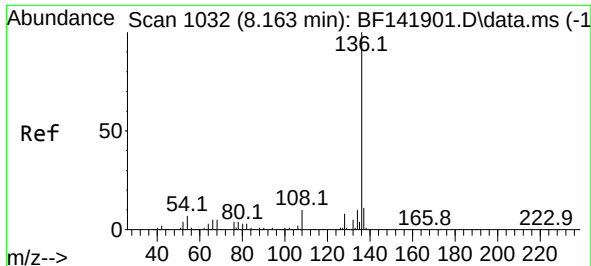
Tgt Ion: 70 Resp: 272929
Ion Ratio Lower Upper
70 100
42 52.7 41.4 62.0
101 10.4 8.2 12.2
130 23.0 18.2 27.4



#20
3+4-Methylphenols
Concen: 43.787 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion: 107 Resp: 411532
Ion Ratio Lower Upper
107 100
108 89.4 68.4 108.4
77 120.8 69.7 109.7#
79 31.9 11.4 51.4



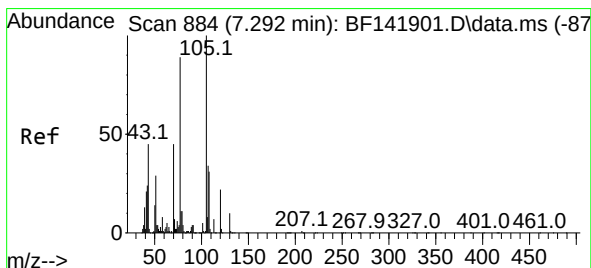
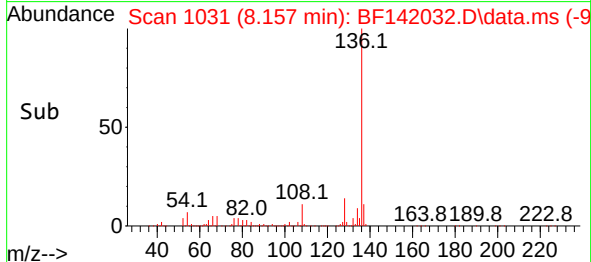
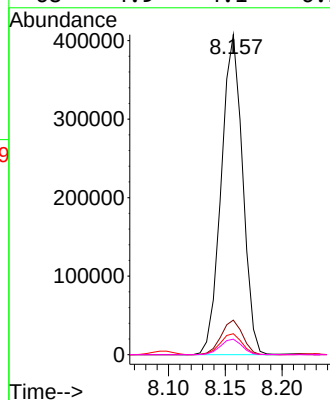
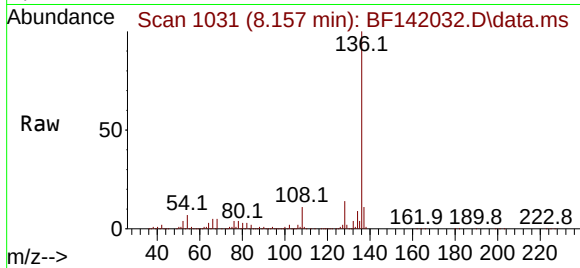


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:136 Resp: 533642

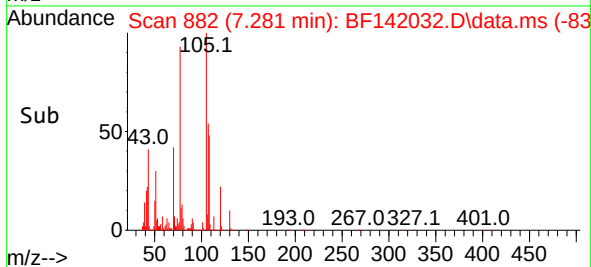
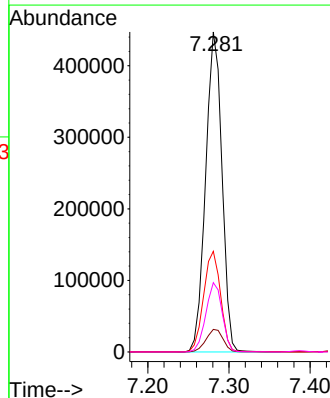
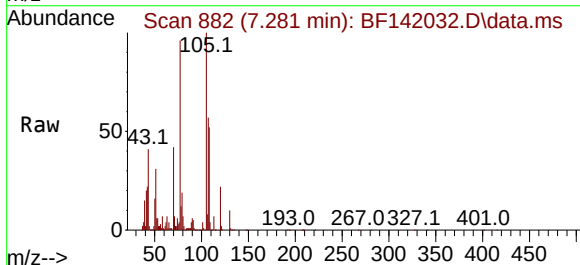
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.8	8.8
68	4.9	4.1	6.1

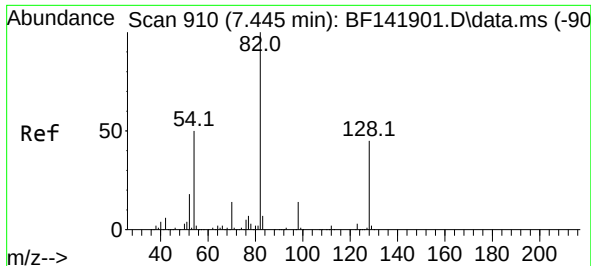


#22
Acetophenone
Concen: 48.914 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:105 Resp: 625098

Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.8	8.8
51	31.5	23.4	35.0
120	21.7	17.3	25.9





#23

Nitrobenzene-d5

Concen: 59.227 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

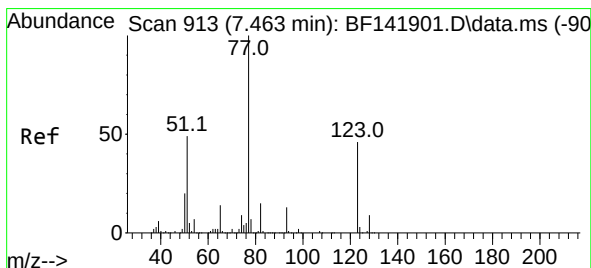
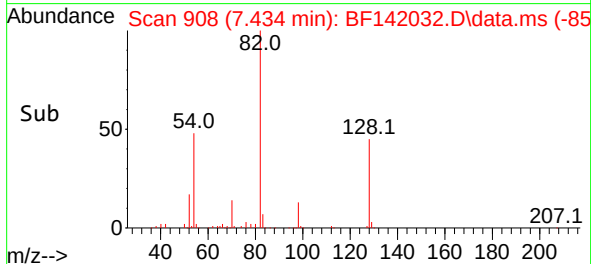
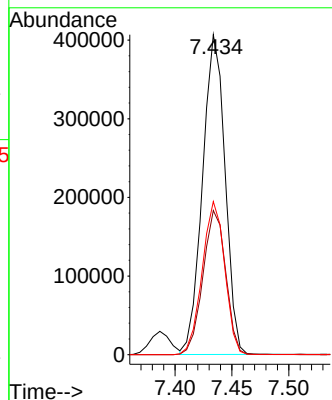
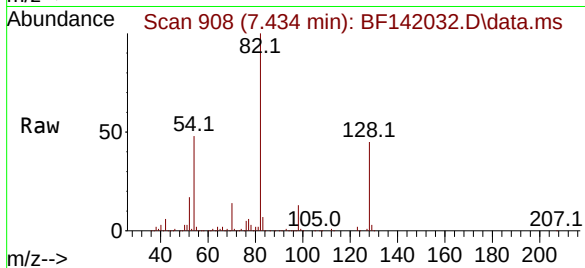
Tgt Ion: 82 Resp: 561624

Ion Ratio Lower Upper

82 100

128 45.1 36.0 54.0

54 47.8 39.6 59.4



#24

Nitrobenzene

Concen: 45.320 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

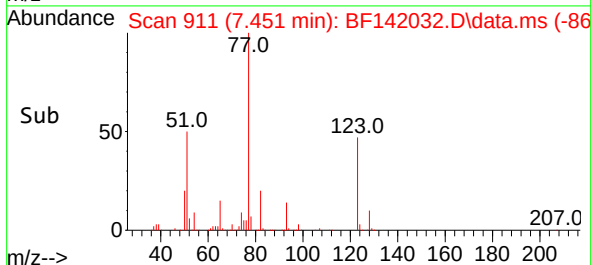
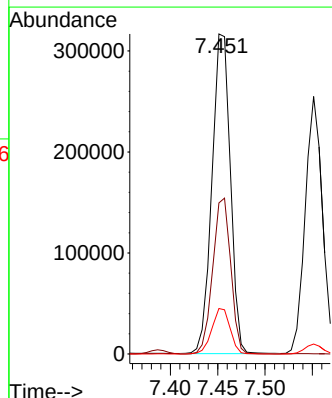
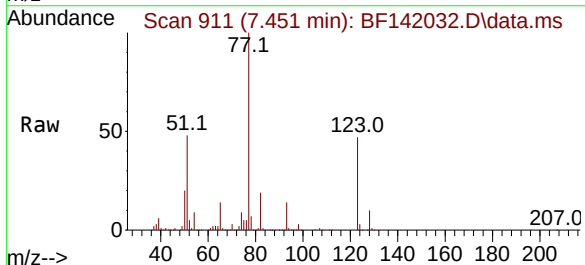
Tgt Ion: 77 Resp: 427221

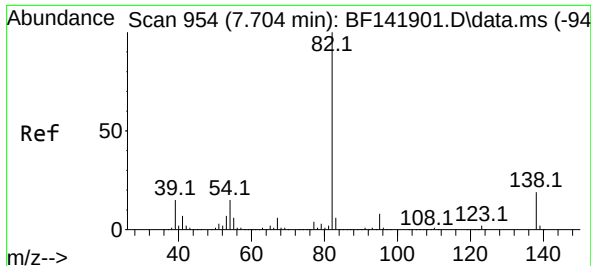
Ion Ratio Lower Upper

77 100

123 47.2 37.0 55.4

65 14.2 11.3 16.9

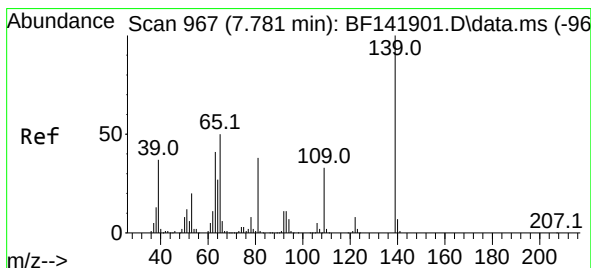
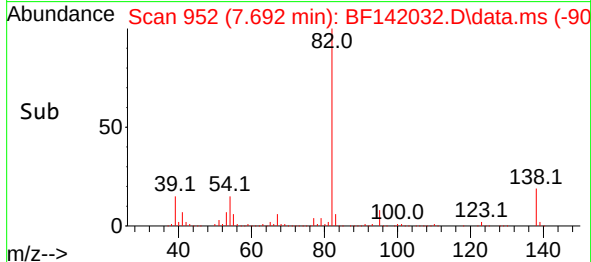
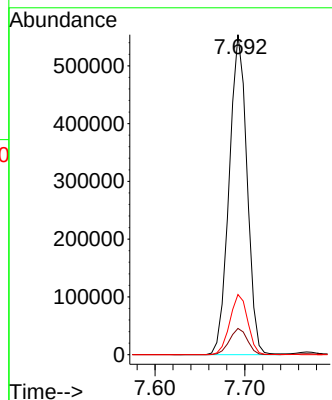
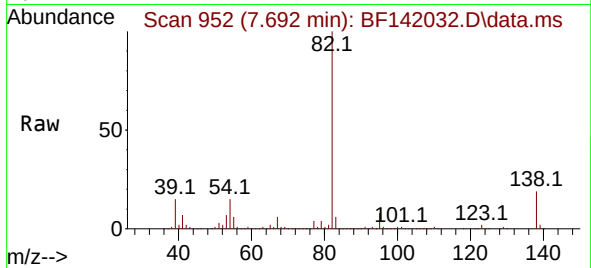




#25
Isophorone
Concen: 45.662 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

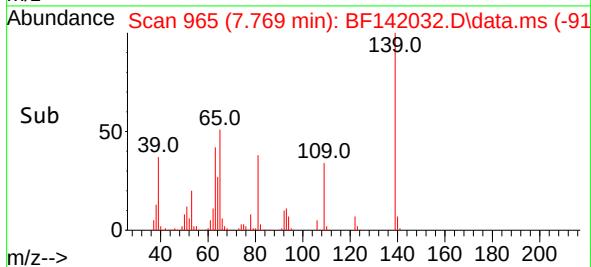
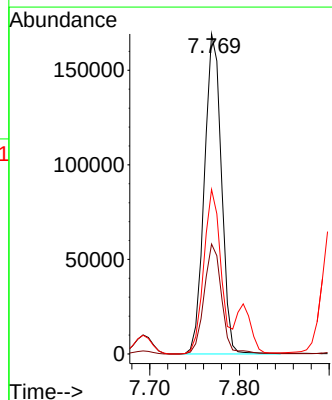
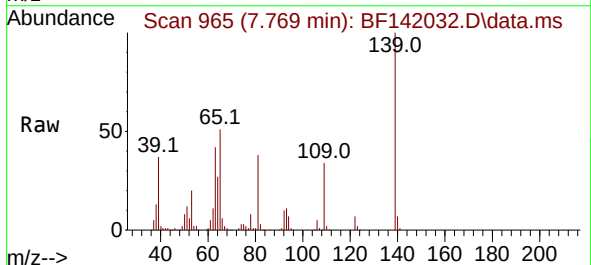
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

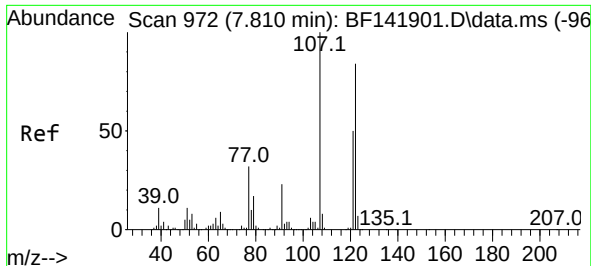
Tgt Ion: 82 Resp: 765384
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 48.312 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:139 Resp: 223524
Ion Ratio Lower Upper
139 100
109 34.3 26.5 39.7
65 51.4 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 54.487 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

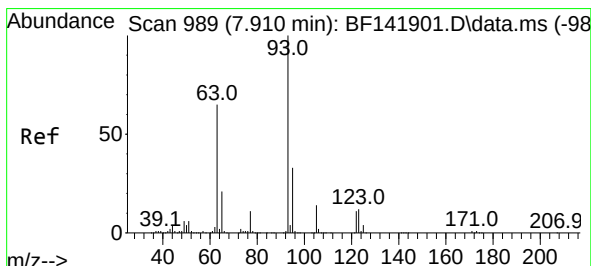
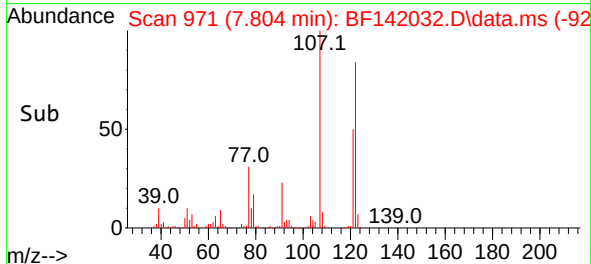
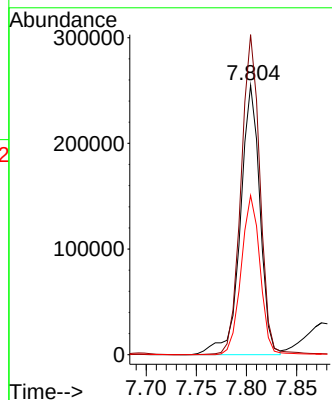
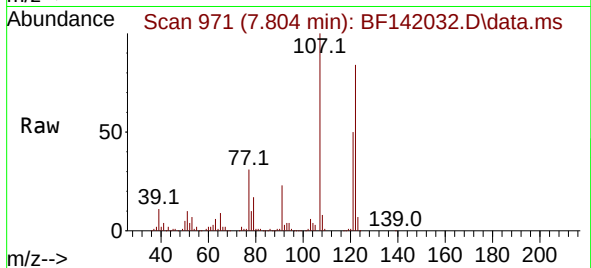
Tgt Ion:122 Resp: 347124

Ion Ratio Lower Upper

122 100

107 118.8 94.8 142.2

121 59.1 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.188 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

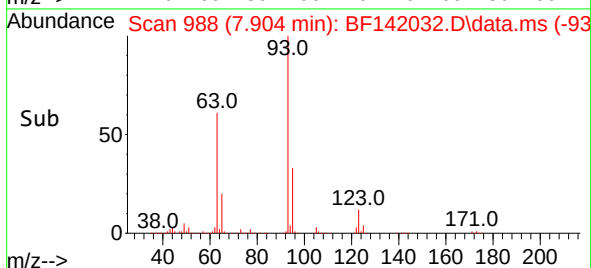
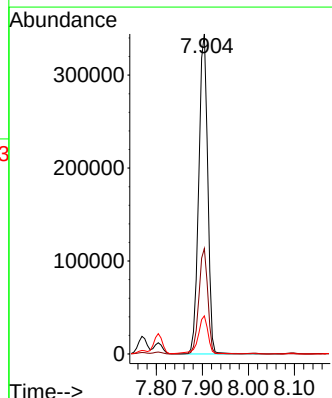
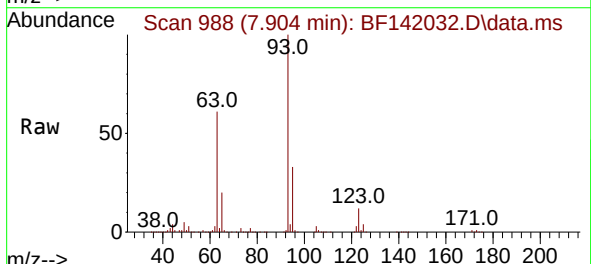
Tgt Ion: 93 Resp: 464565

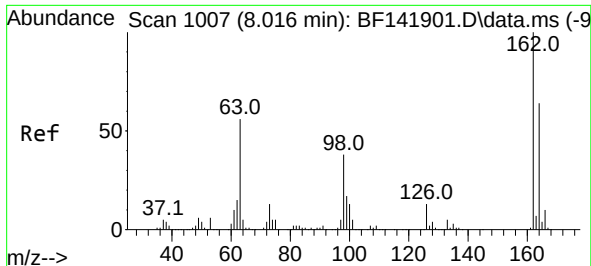
Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

123 11.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.568 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

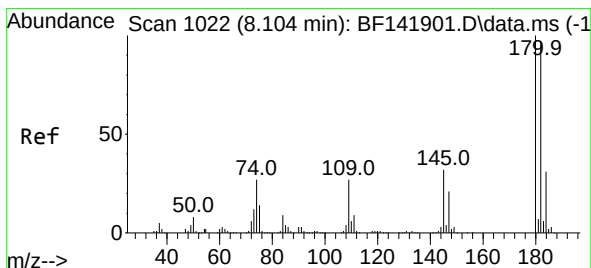
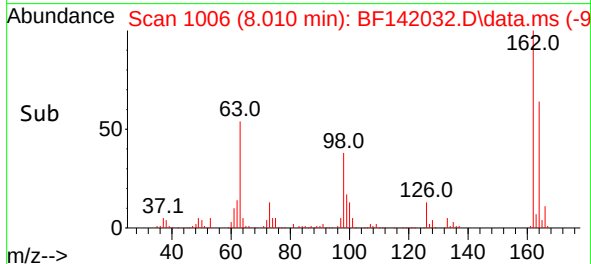
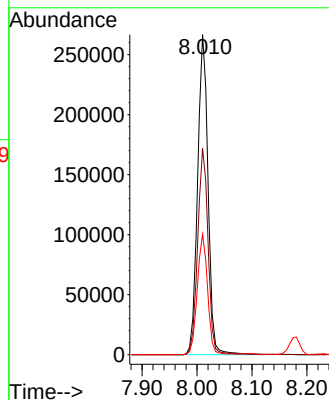
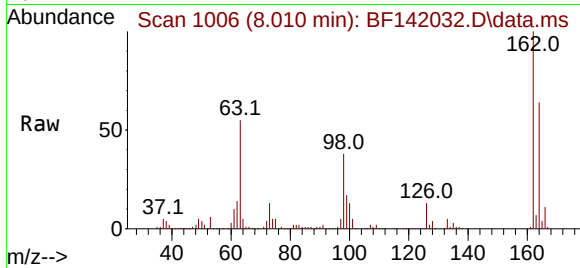
Tgt Ion:162 Resp: 352425

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

98 37.7 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 46.057 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

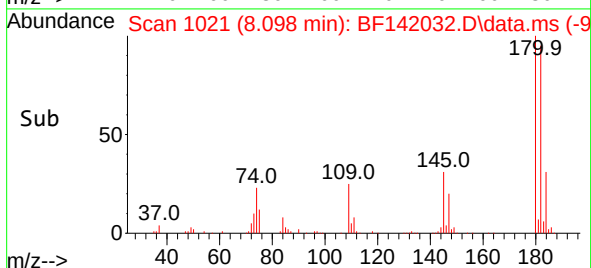
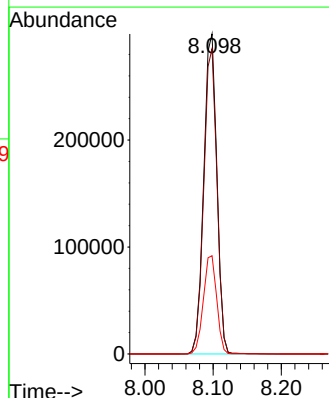
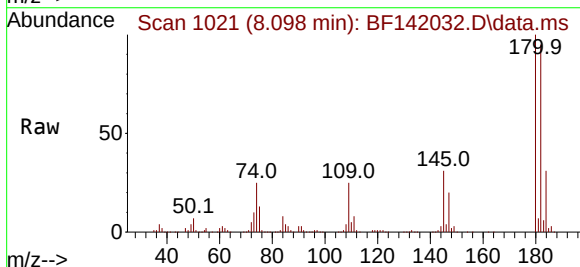
Tgt Ion:180 Resp: 401357

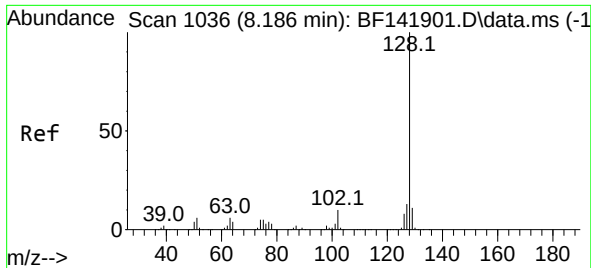
Ion Ratio Lower Upper

180 100

182 95.4 77.5 116.3

145 30.7 25.8 38.6

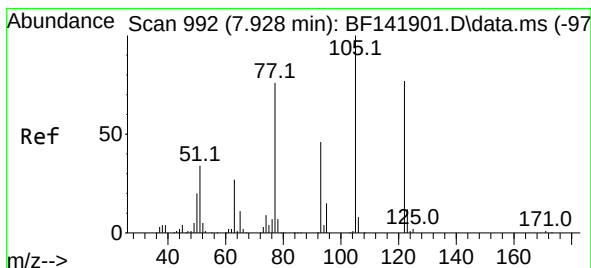
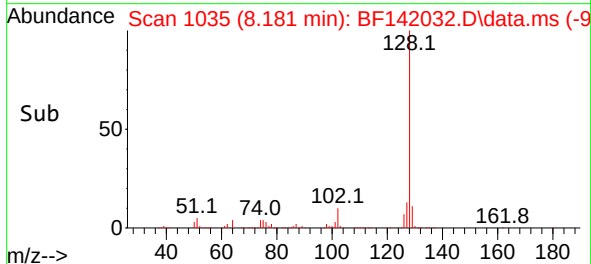
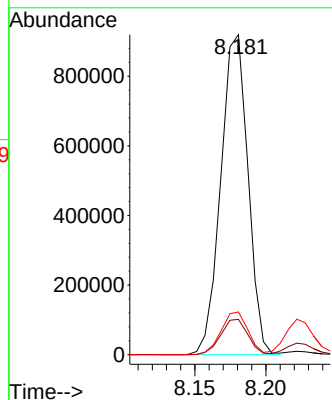
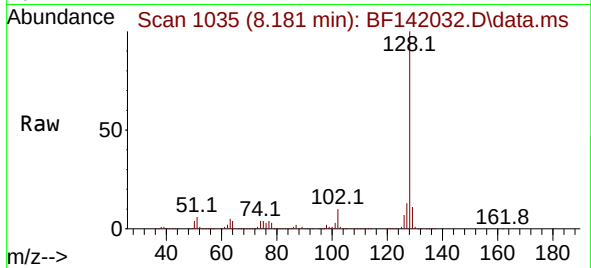




#31
Naphthalene
Concen: 44.706 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

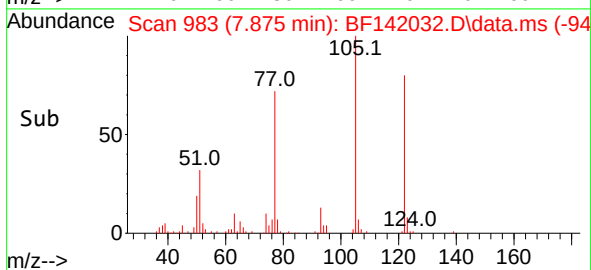
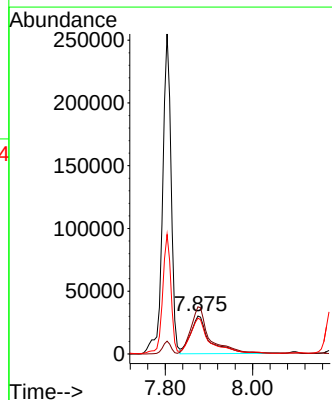
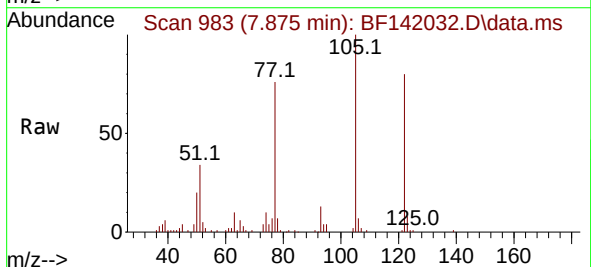
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

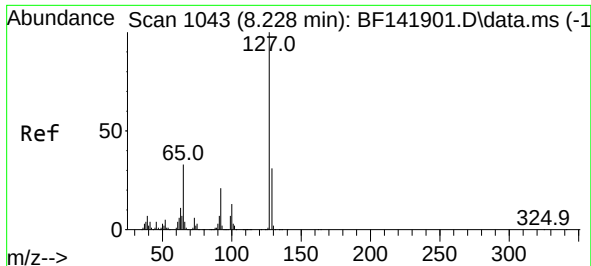
Tgt Ion:128 Resp: 1225504
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 16.468 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.053 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:122 Resp: 92221
Ion Ratio Lower Upper
122 100
105 124.6 107.9 147.9
77 94.8 79.0 119.0

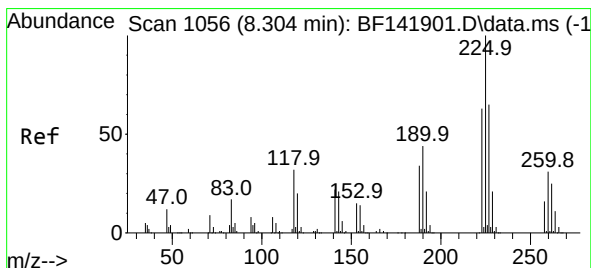
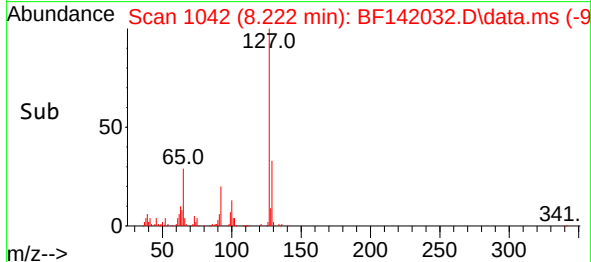
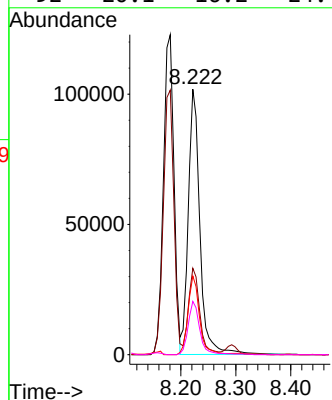
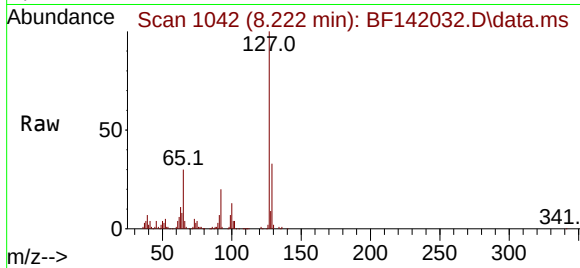




#33
4-Chloroaniline
Concen: 15.476 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

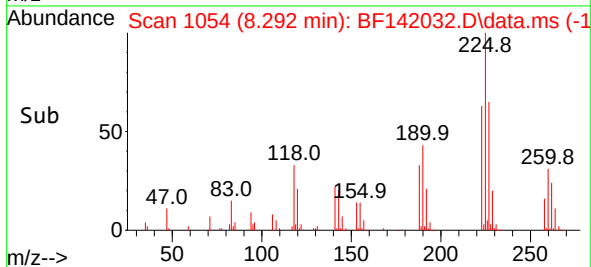
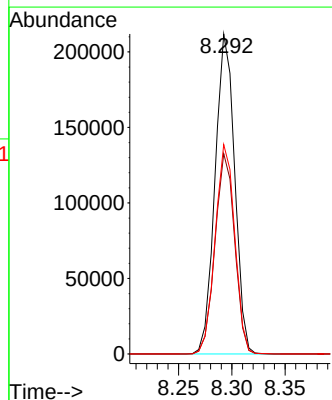
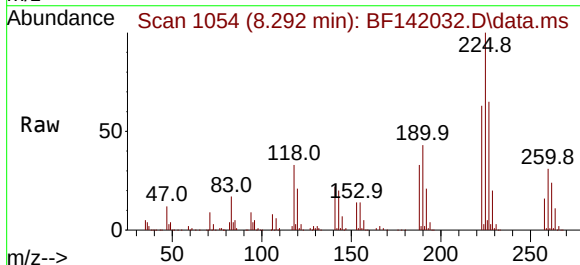
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

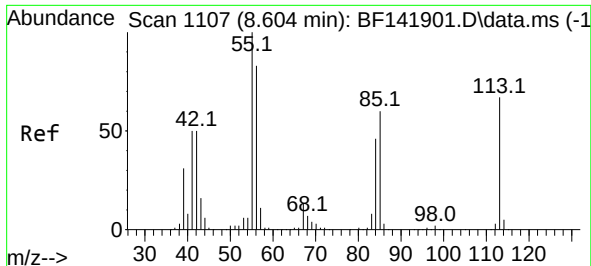
Tgt Ion:	127	Resp:	149760
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	29.6	25.4	38.2
92	20.1	16.2	24.4



#34
Hexachlorobutadiene
Concen: 47.711 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:	225	Resp:	271150
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	65.4	52.2	78.2

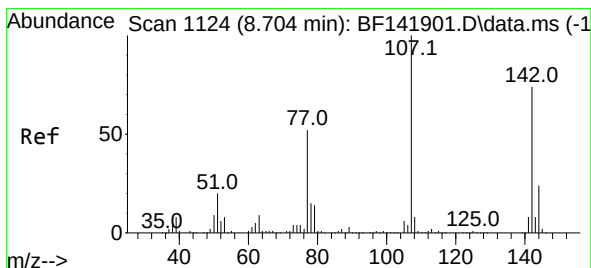
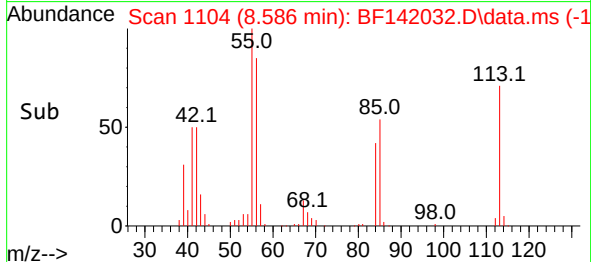
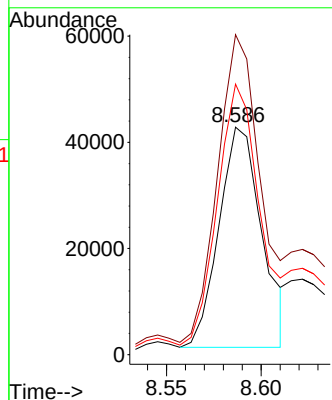
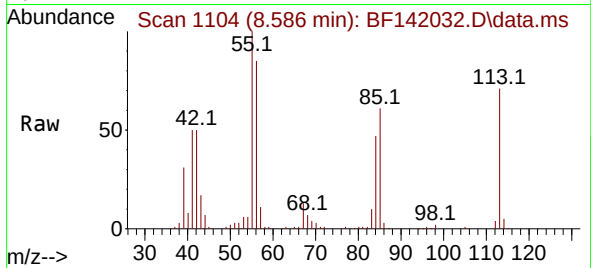




#35
 Caprolactam
 Concen: 27.027 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.018 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

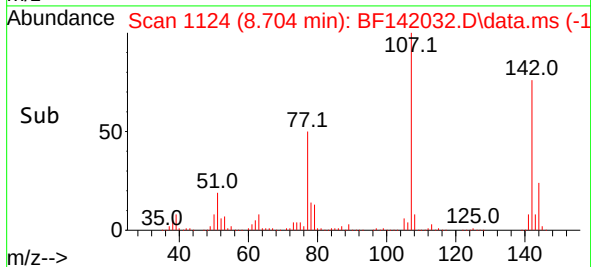
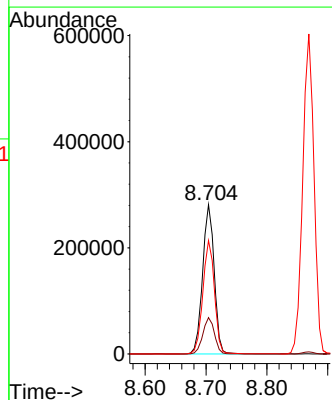
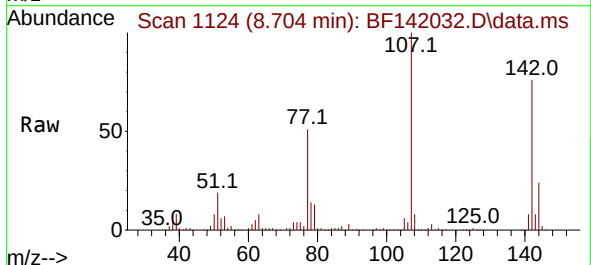
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

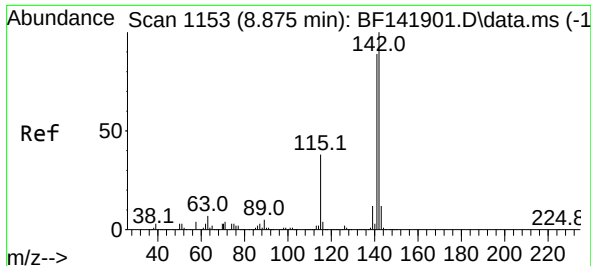
Tgt Ion:113 Resp: 65158
 Ion Ratio Lower Upper
 113 100
 55 140.6 129.6 169.6
 56 118.9 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.503 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

Tgt Ion:107 Resp: 374923
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.6
 142 75.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.212 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

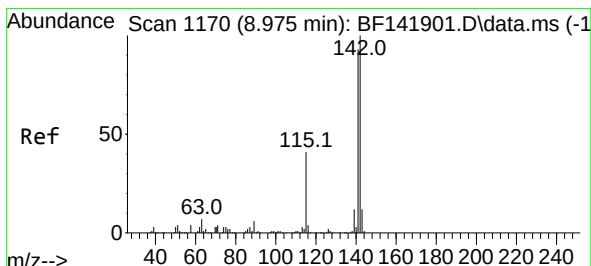
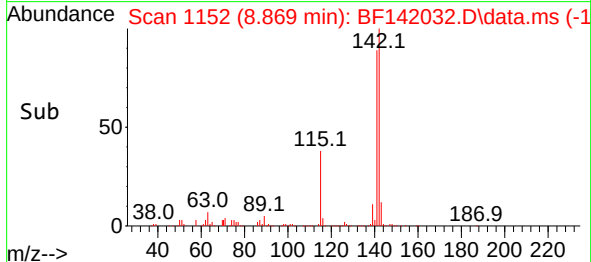
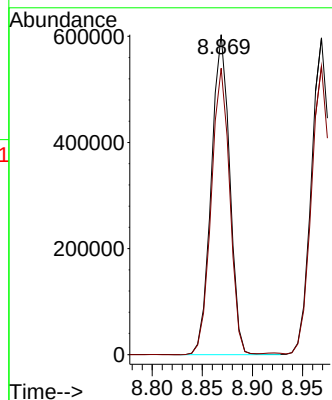
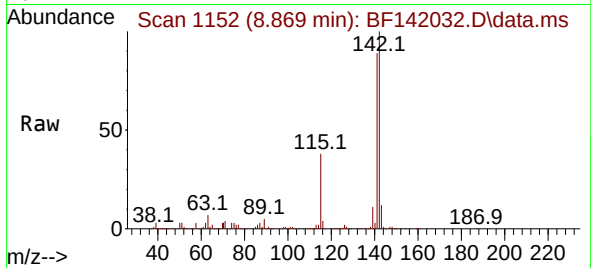
TP-3MSD

Tgt Ion:142 Resp: 773443

Ion Ratio Lower Upper

142 100

141 89.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 43.085 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142032.D

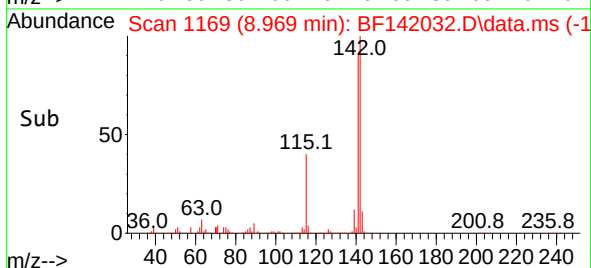
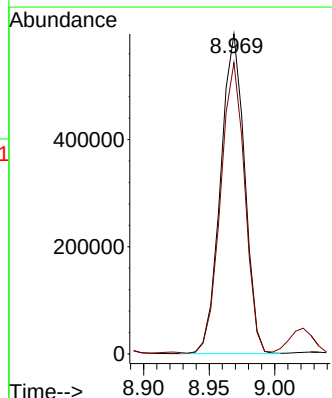
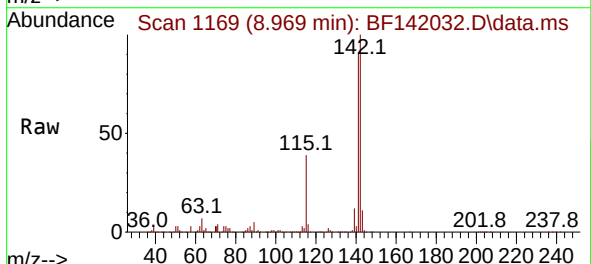
Acq: 21 Mar 2025 16:21

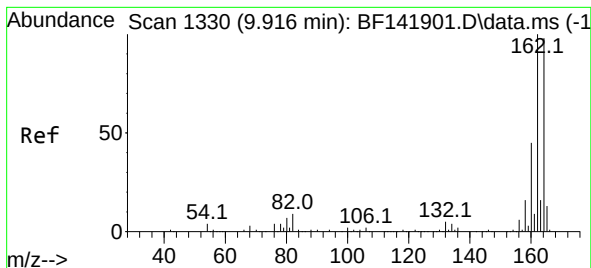
Tgt Ion:142 Resp: 761794

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

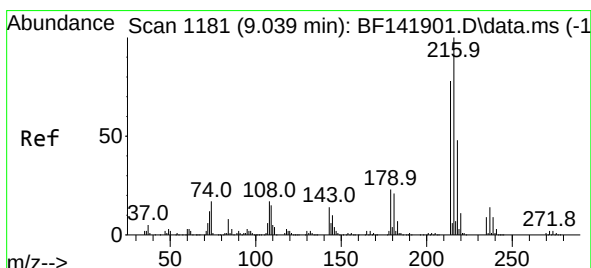
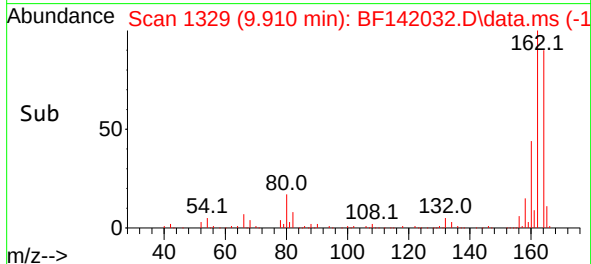
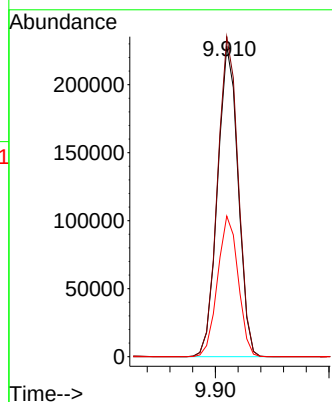
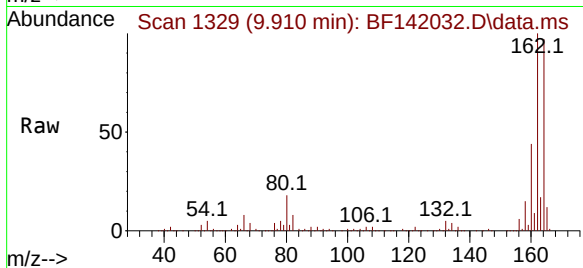
Tgt Ion:164 Resp: 287013

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 45.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.119 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Tgt Ion:216 Resp: 464171

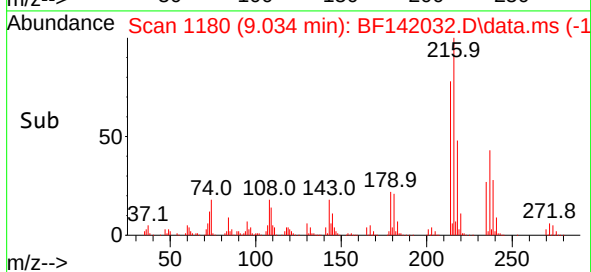
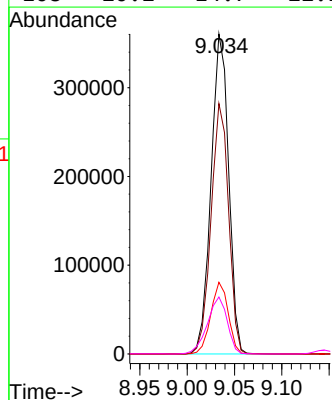
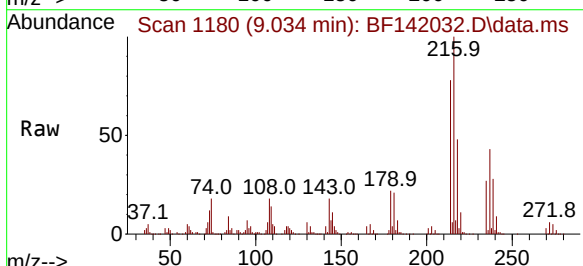
Ion Ratio Lower Upper

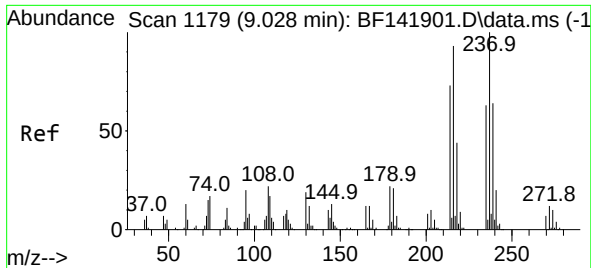
216 100

214 78.1 61.9 92.9

179 22.2 18.1 27.1

108 20.2 14.7 22.1

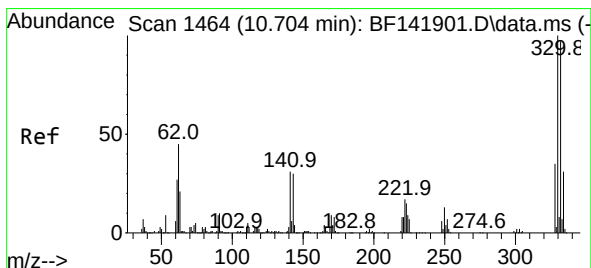
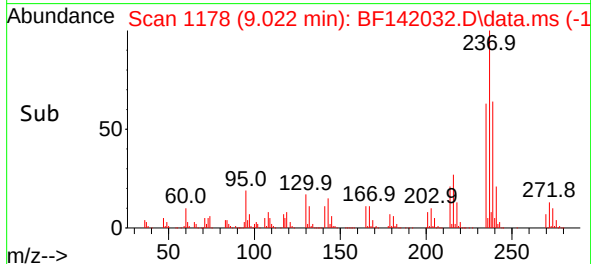
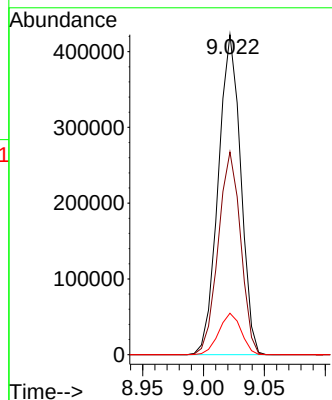
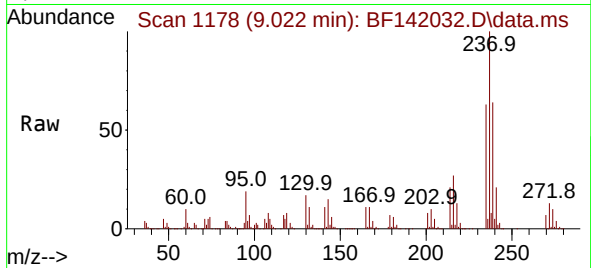




#41
Hexachlorocyclopentadiene
Concen: 158.562 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

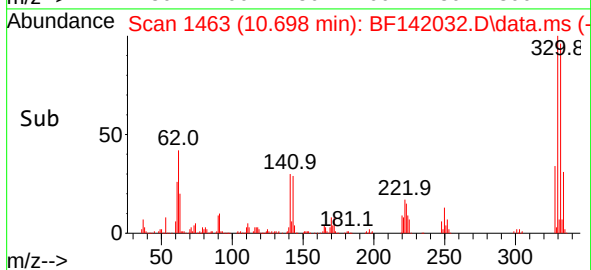
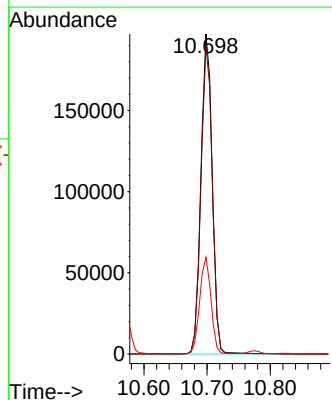
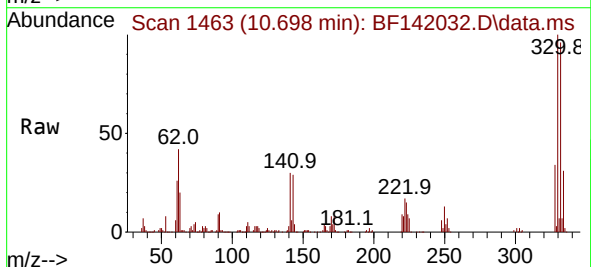
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

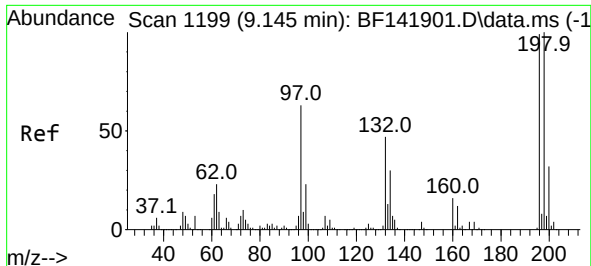
Tgt Ion:237 Resp: 542258
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 13.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 67.171 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:330 Resp: 244579
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 29.8 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 46.006 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

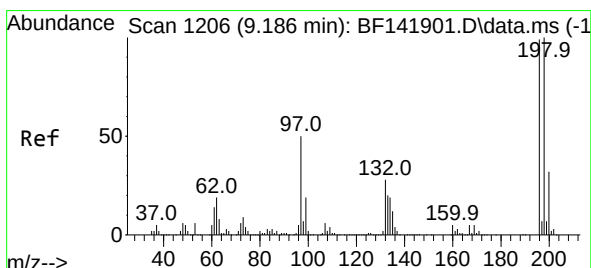
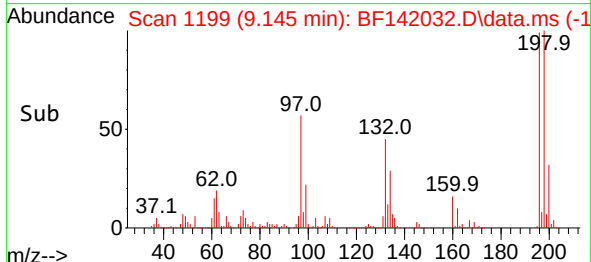
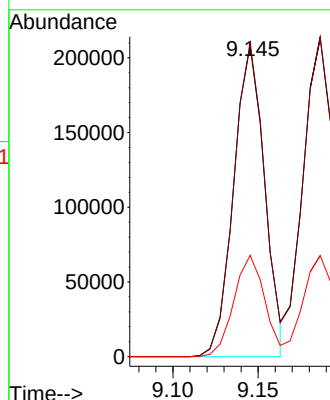
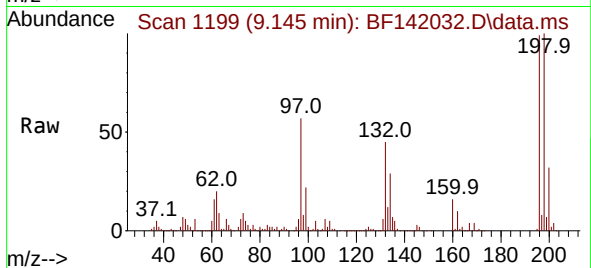
Tgt Ion:196 Resp: 262735

Ion Ratio Lower Upper

196 100

198 101.0 80.6 121.0

200 32.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 47.612 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Tgt Ion:196 Resp: 275390

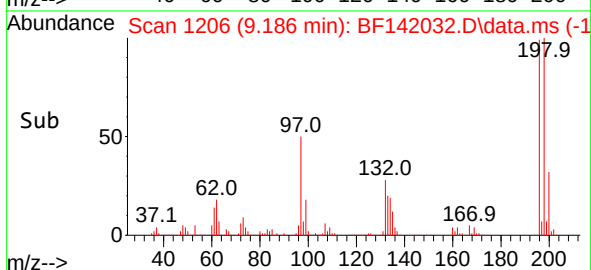
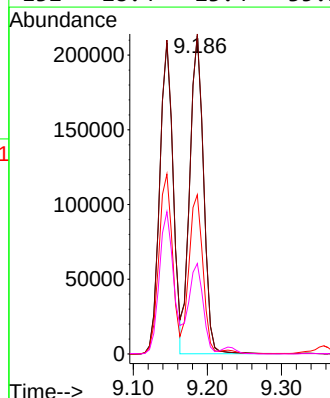
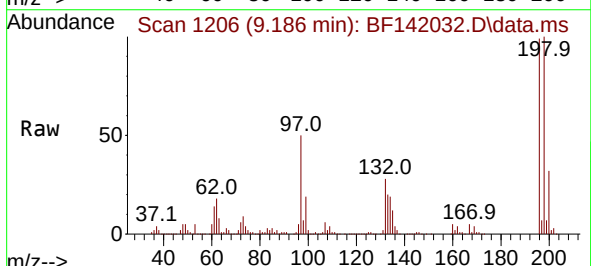
Ion Ratio Lower Upper

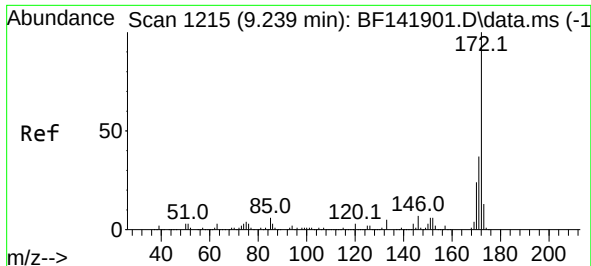
196 100

198 100.6 80.7 121.1

97 50.0 42.1 63.1

132 28.4 23.4 35.2

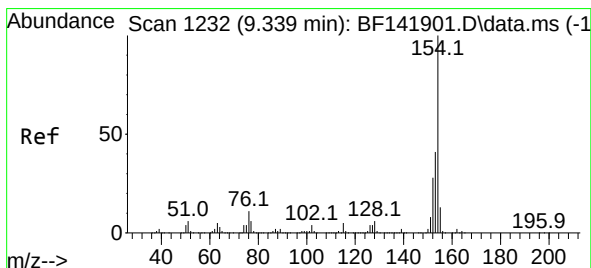
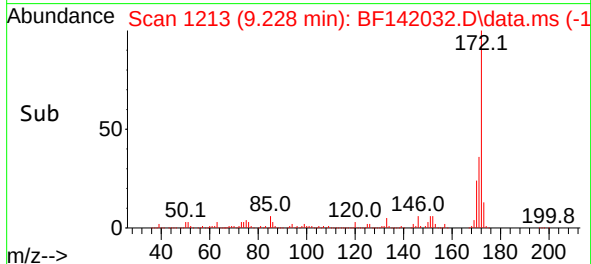
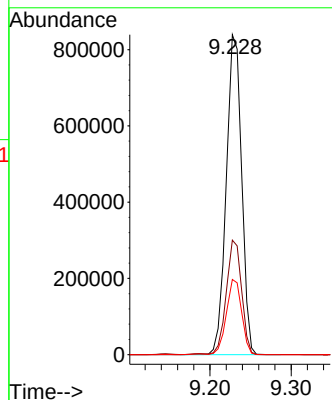
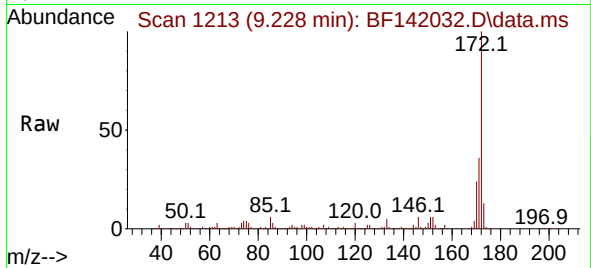




#45
2-Fluorobiphenyl
Concen: 58.601 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

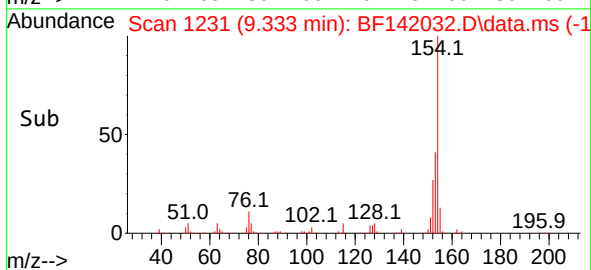
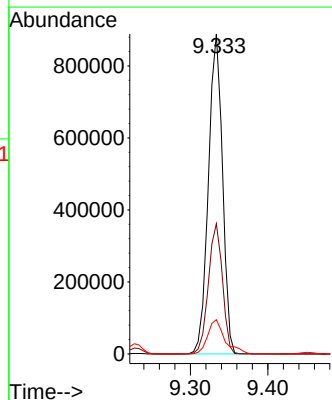
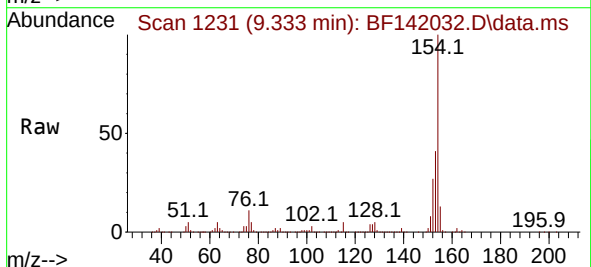
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

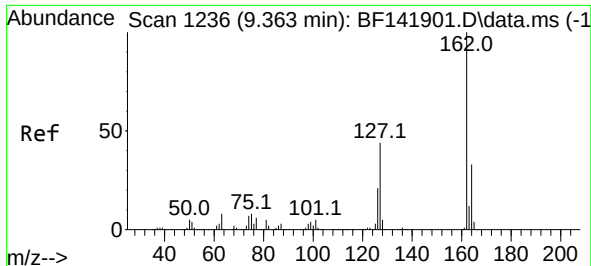
Tgt Ion:172 Resp: 1105944
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.5 19.4 29.0



#46
1,1'-Biphenyl
Concen: 51.329 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:154 Resp: 1119369
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 10.7 0.0 31.3

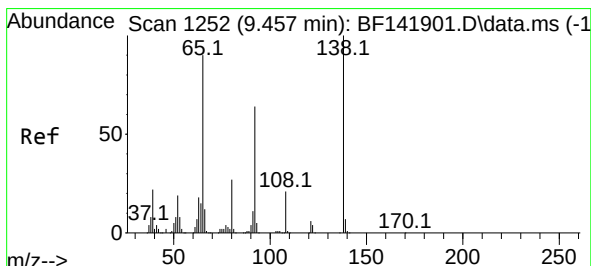
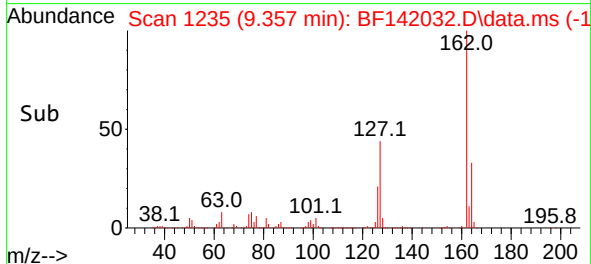
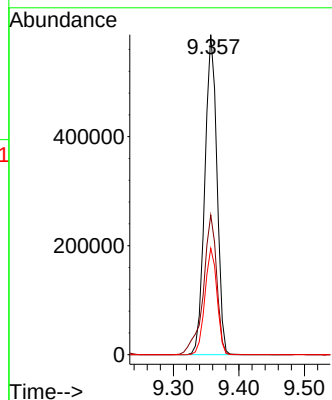
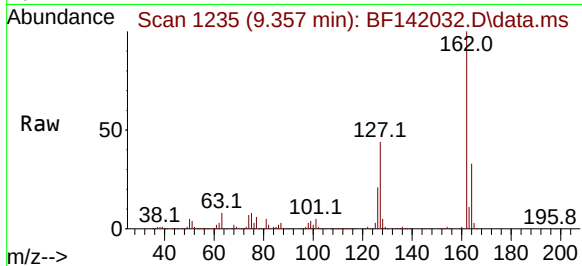




#47
2-Chloronaphthalene
Concen: 46.499 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

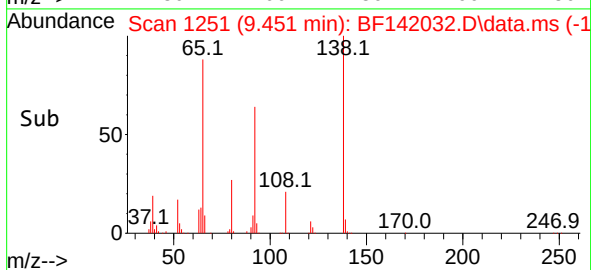
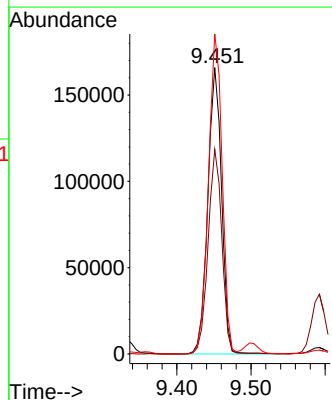
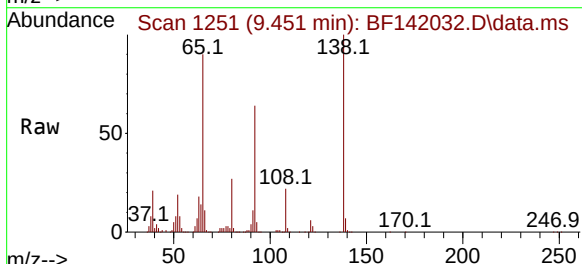
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

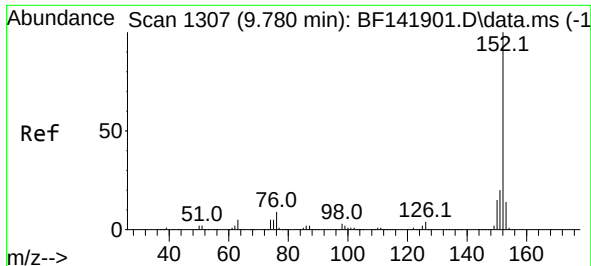
Tgt Ion:162 Resp: 755810
Ion Ratio Lower Upper
162 100
127 43.6 35.5 53.3
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 45.631 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion: 65 Resp: 214754
Ion Ratio Lower Upper
65 100
92 71.4 56.6 84.8
138 111.7 88.6 133.0

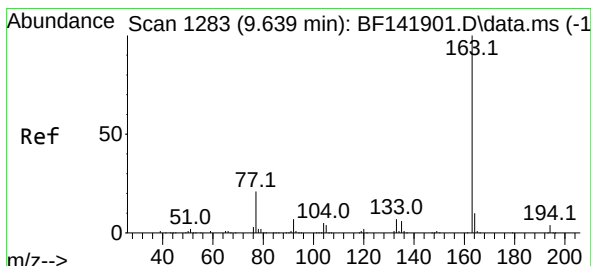
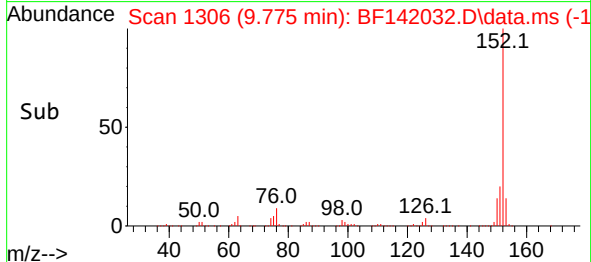
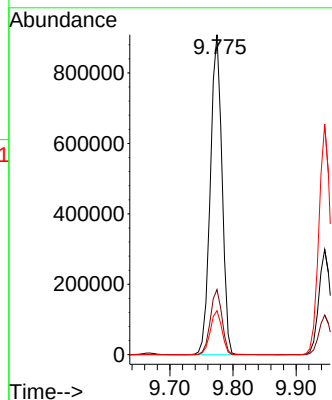
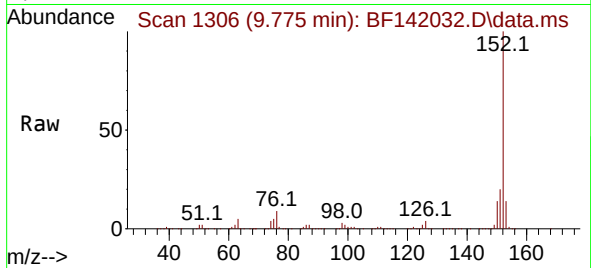




#49
Acenaphthylene
Concen: 48.305 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

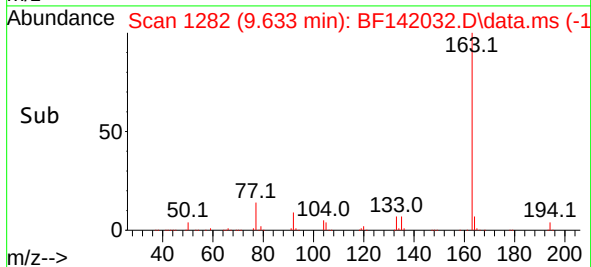
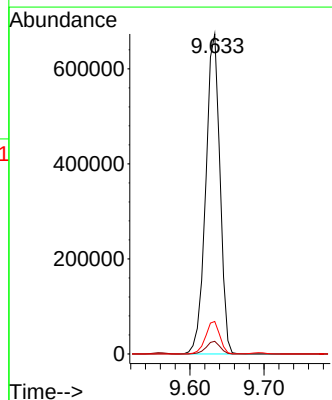
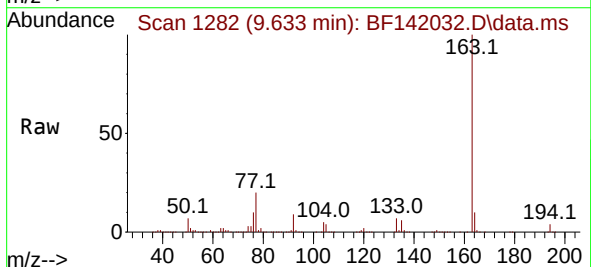
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

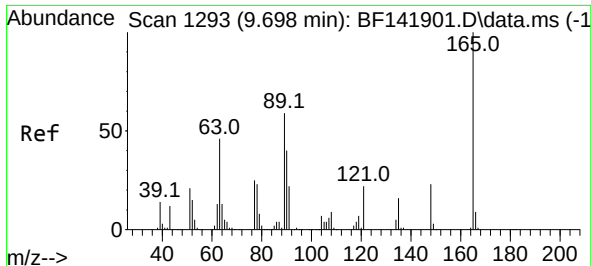
Tgt Ion:152 Resp: 1165157
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.7 11.1 16.7



#50
Dimethylphthalate
Concen: 44.564 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:163 Resp: 895675
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 46.568 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

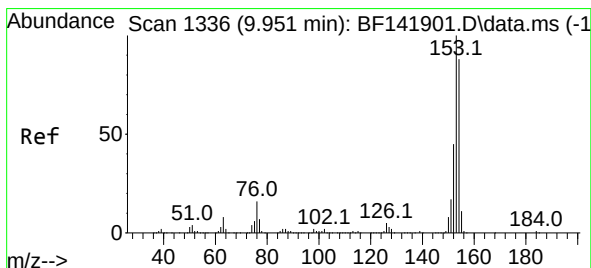
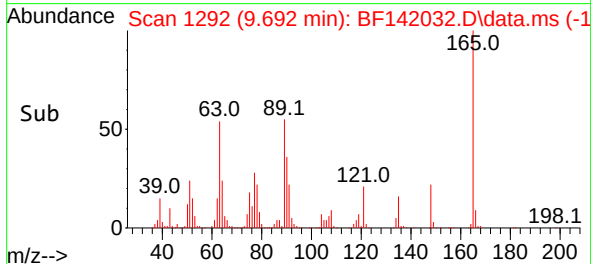
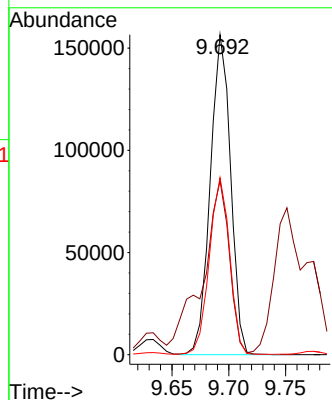
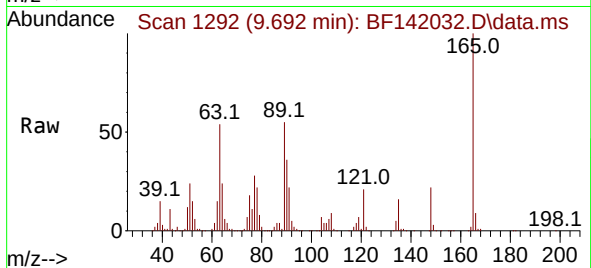
Tgt Ion:165 Resp: 194878

Ion Ratio Lower Upper

165 100

63 54.4 47.0 70.4

89 55.3 47.4 71.2



#52

Acenaphthene

Concen: 48.135 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

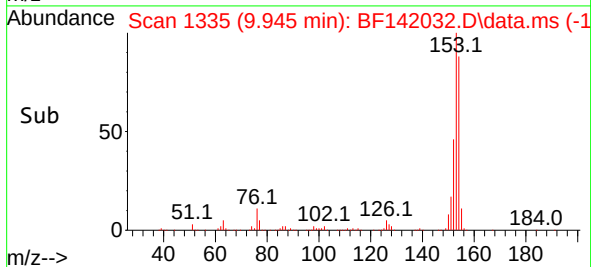
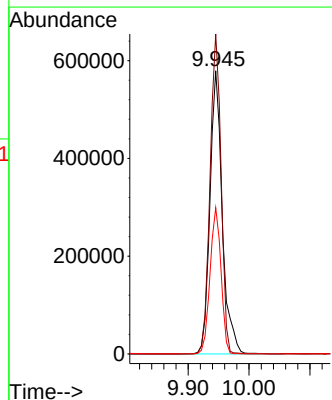
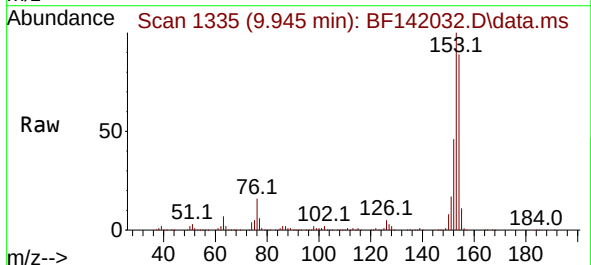
Tgt Ion:154 Resp: 815935

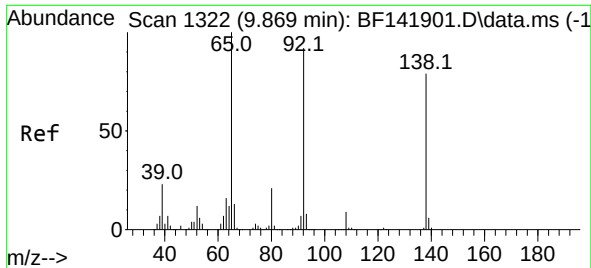
Ion Ratio Lower Upper

154 100

153 113.0 90.7 136.1

152 51.6 41.1 61.7

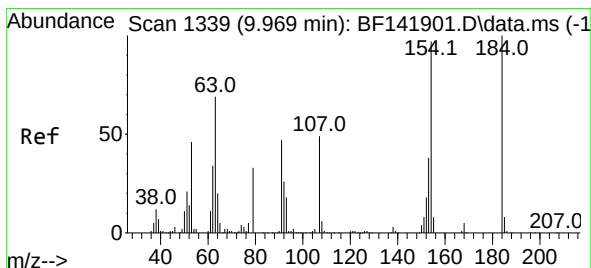
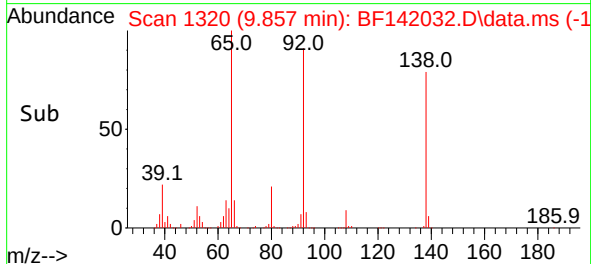
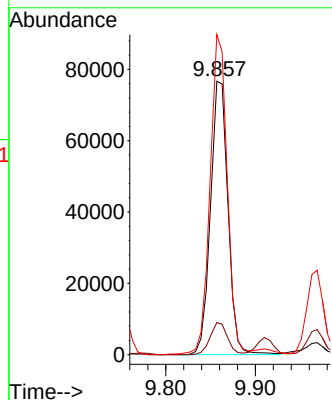
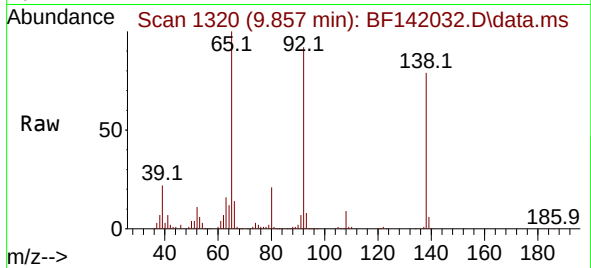




#53
3-Nitroaniline
Concen: 24.457 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

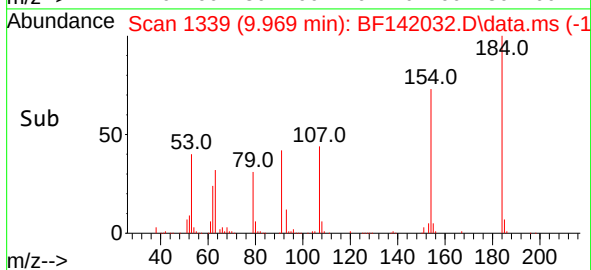
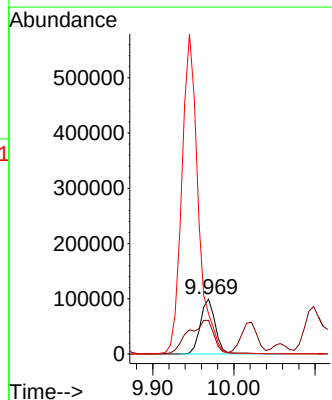
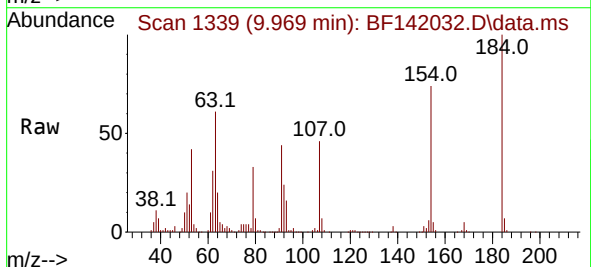
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

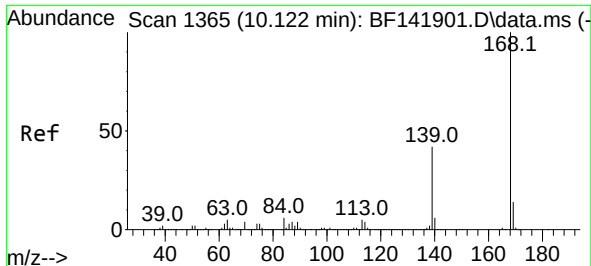
Tgt Ion:138 Resp: 103816
Ion Ratio Lower Upper
138 100
108 11.7 9.3 13.9
92 117.1 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 55.801 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:184 Resp: 127526
Ion Ratio Lower Upper
184 100
63 61.1 60.2 90.4
154 73.5 132.9 199.3#

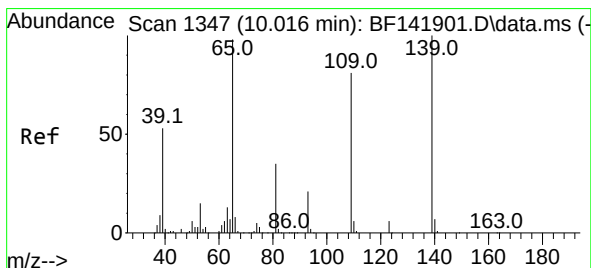
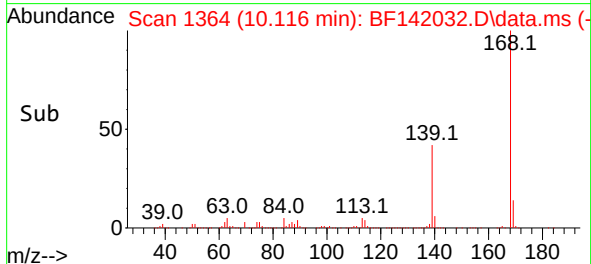
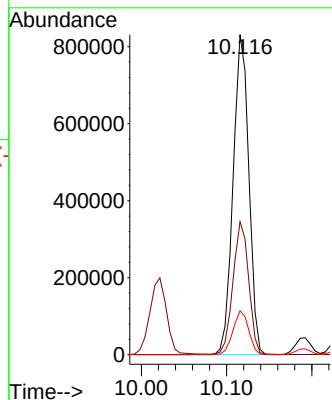
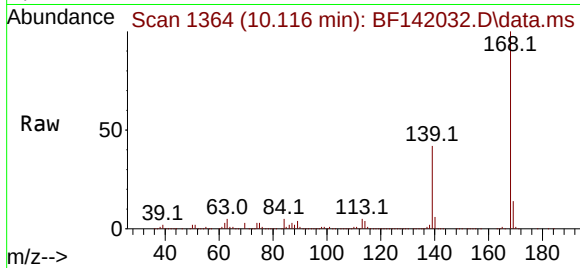




#55
Dibenzenofuran
Concen: 44.055 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

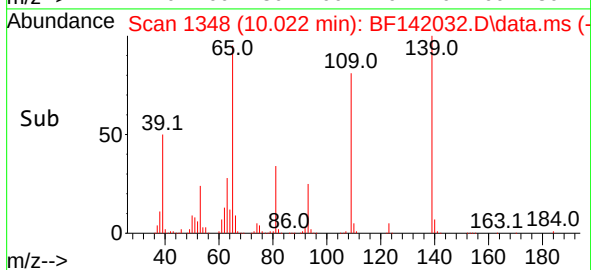
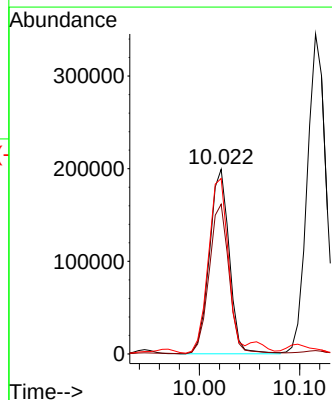
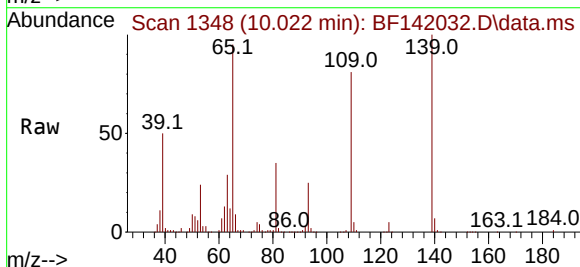
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

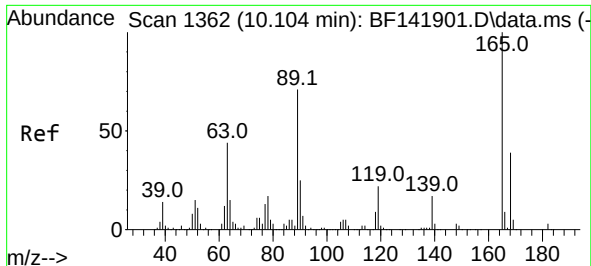
Tgt Ion:168 Resp: 1067059
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 85.568 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:139 Resp: 273919
Ion Ratio Lower Upper
139 100
109 81.1 61.6 101.6
65 95.0 79.4 119.4

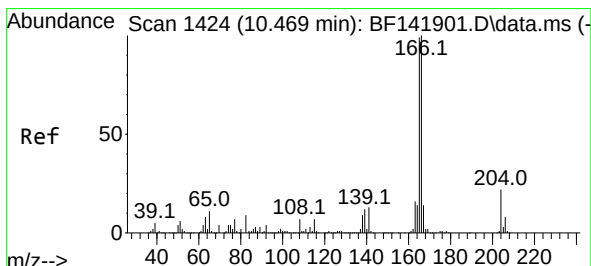
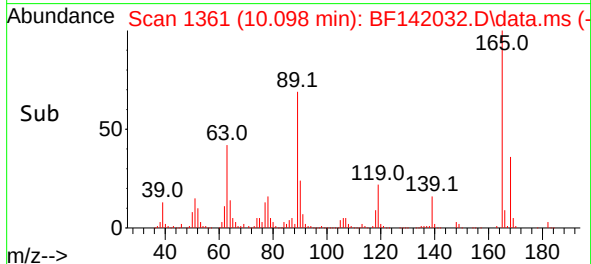
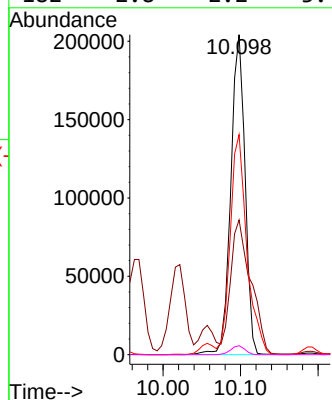
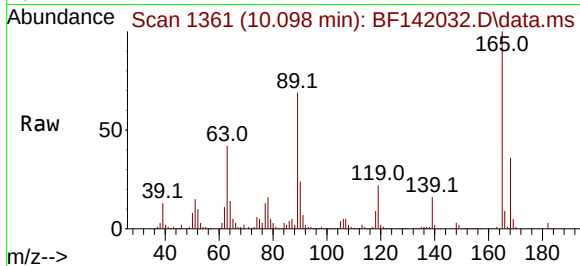




#57
2,4-Dinitrotoluene
Concen: 47.797 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

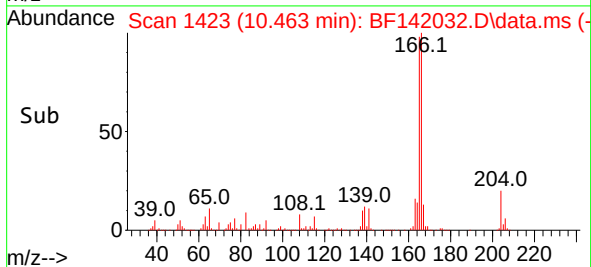
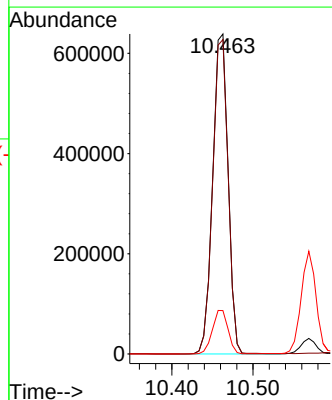
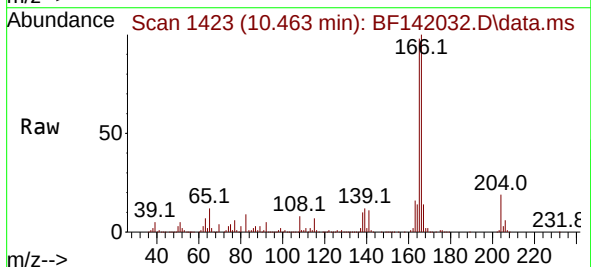
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

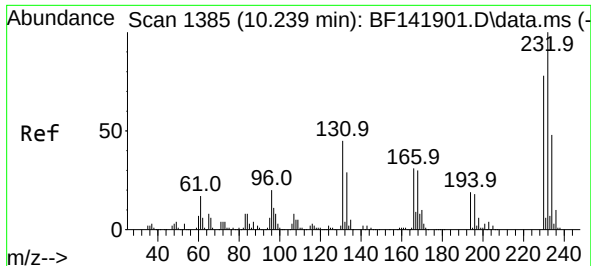
Tgt Ion:165 Resp: 261243
Ion Ratio Lower Upper
165 100
63 42.1 35.4 53.2
89 68.8 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 45.093 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:166 Resp: 842272
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 13.6 11.0 16.4

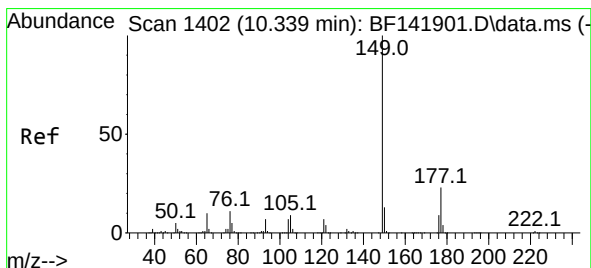
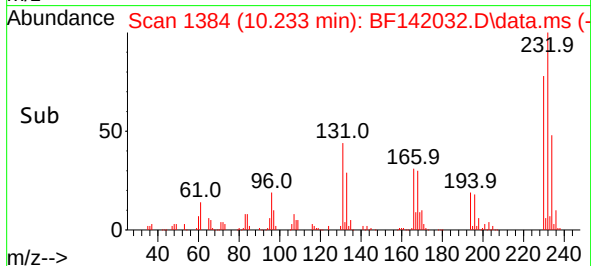
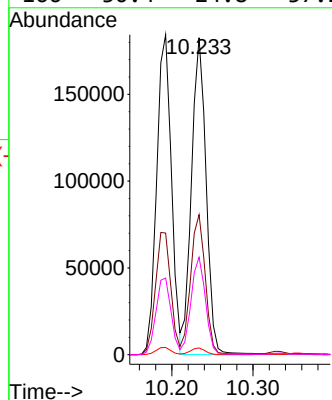
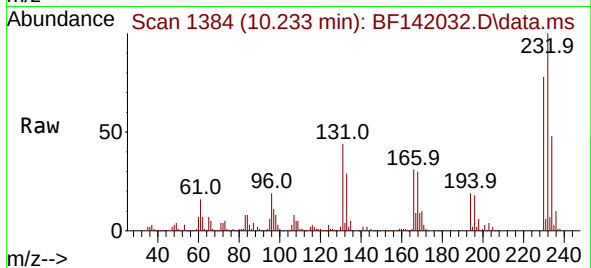




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.358 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

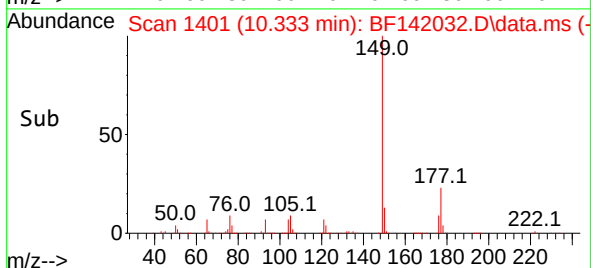
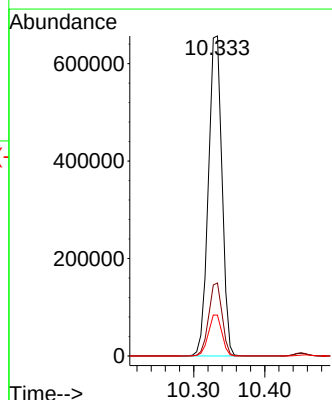
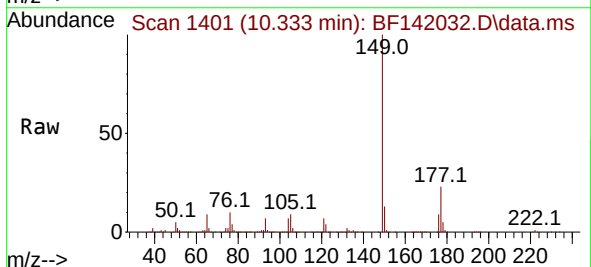
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

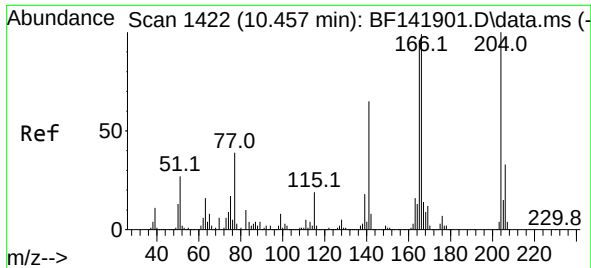
Tgt Ion:232 Resp: 228205
Ion Ratio Lower Upper
232 100
131 44.6 37.3 55.9
130 2.2 1.9 2.9
166 30.4 24.8 37.2



#60
Diethylphthalate
Concen: 43.709 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:149 Resp: 875974
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.8 10.2 15.4

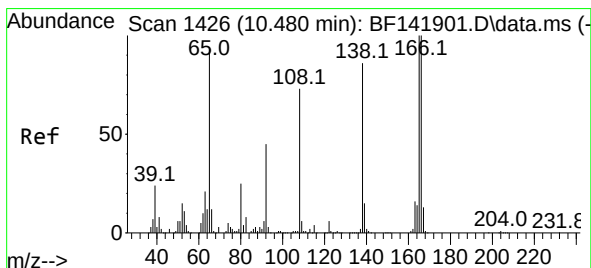
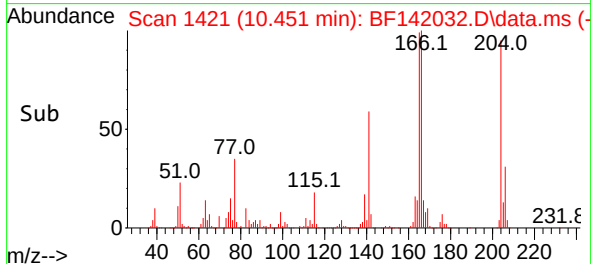
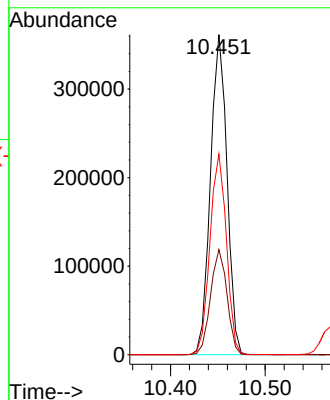
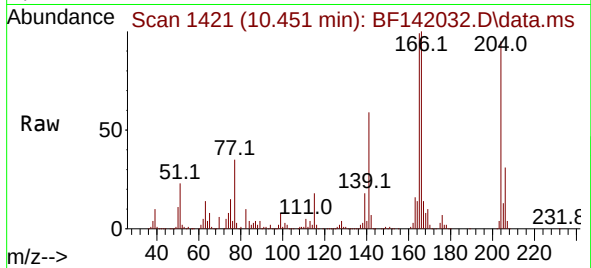




#61
4-Chlorophenyl-phenylether
Concen: 45.057 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

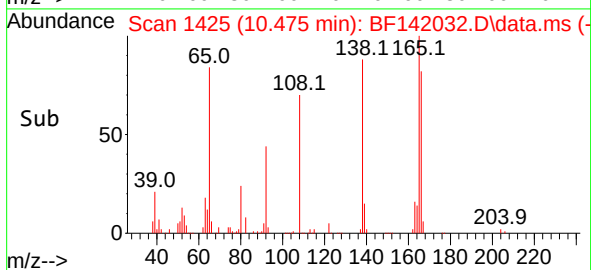
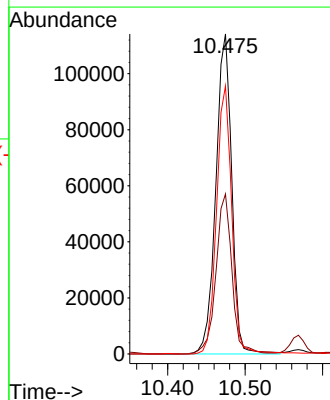
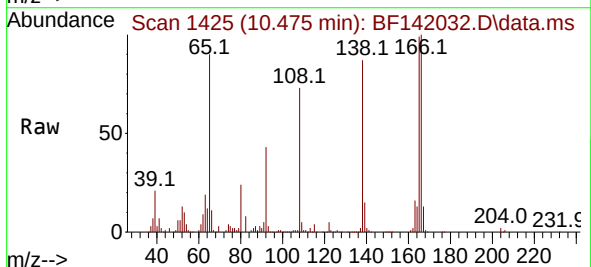
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

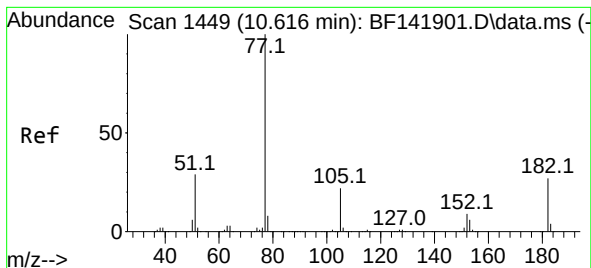
Tgt Ion:204 Resp: 438773
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 62.7 52.4 78.6



#62
4-Nitroaniline
Concen: 39.349 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:138 Resp: 162615
Ion Ratio Lower Upper
138 100
92 50.0 32.6 72.6
108 83.8 65.0 105.0





#63

Azobenzene

Concen: 44.494 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 77 Resp: 829033

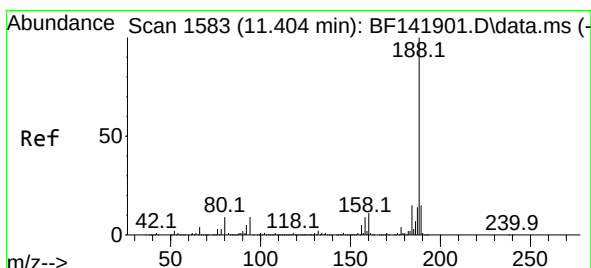
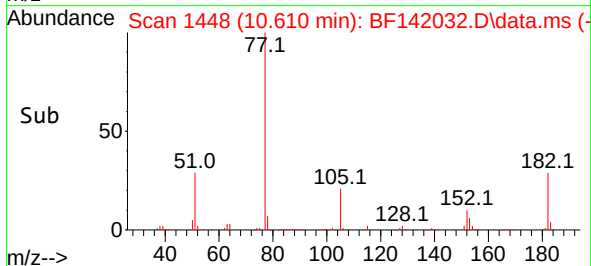
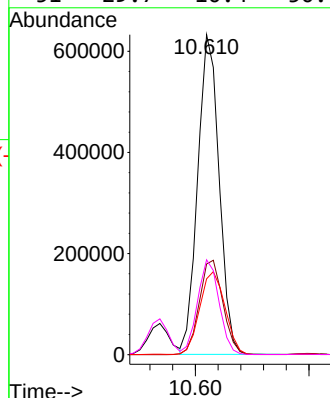
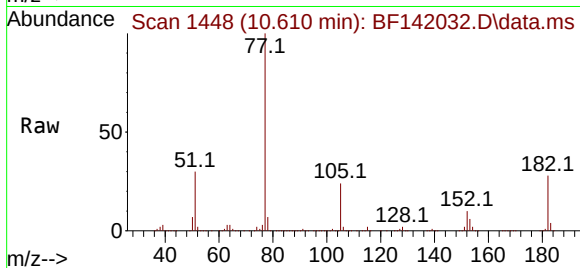
Ion Ratio Lower Upper

77 100

182 28.3 6.6 46.6

105 23.7 1.3 41.3

51 29.7 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

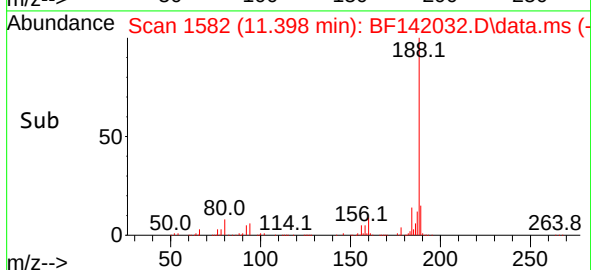
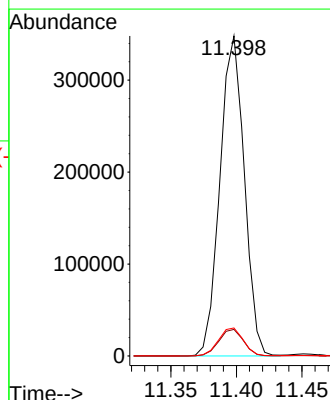
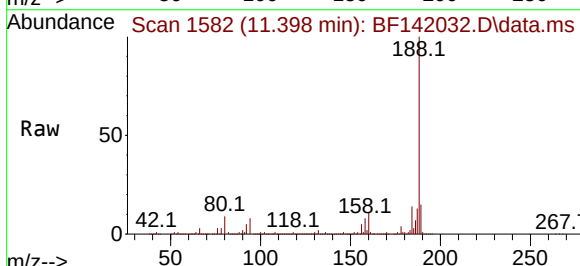
Tgt Ion: 188 Resp: 449886

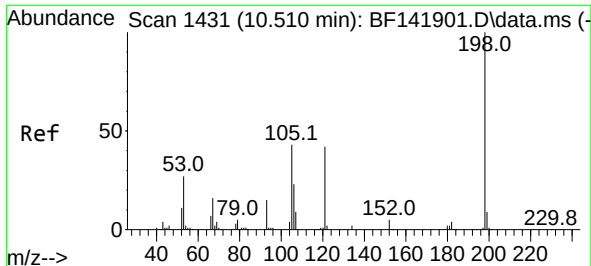
Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 8.7 7.6 11.4

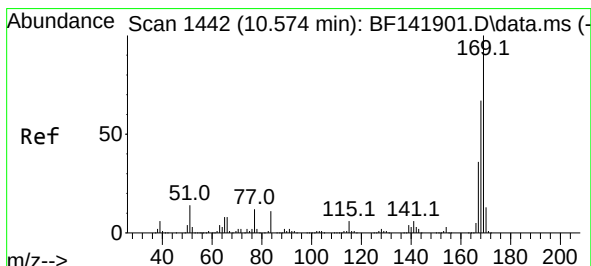
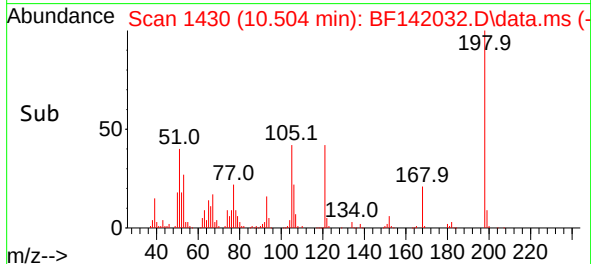
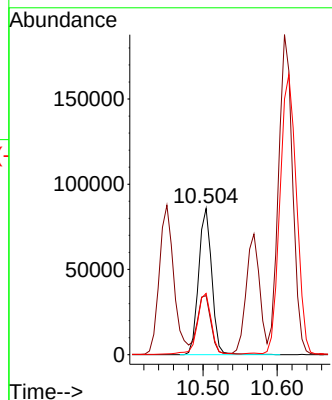
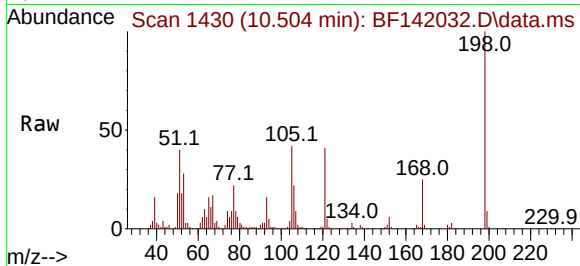




#65
4,6-Dinitro-2-methylphenol
Concen: 39.302 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

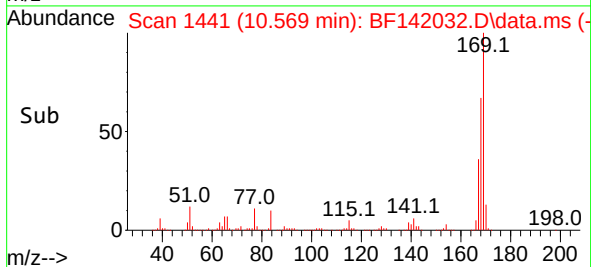
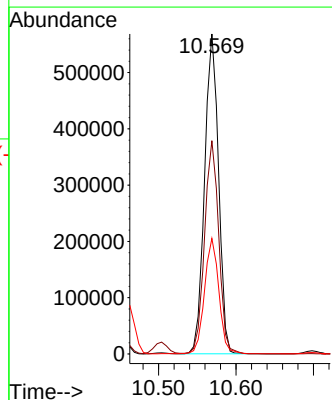
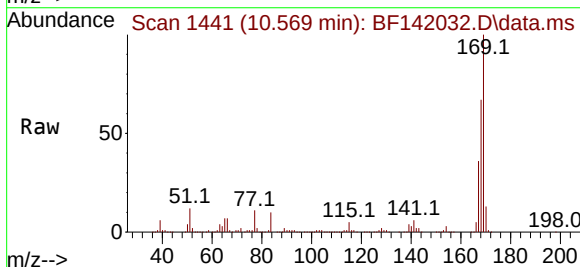
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

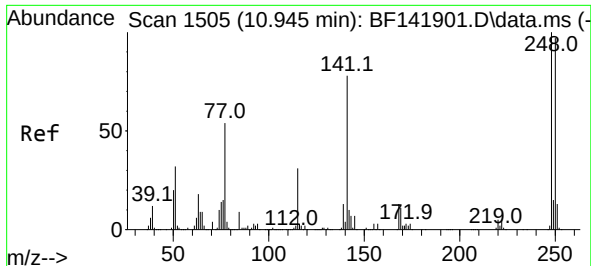
Tgt Ion:198 Resp: 105407
Ion Ratio Lower Upper
198 100
51 40.4 22.3 62.3
105 41.9 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 48.809 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:169 Resp: 710587
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.1 29.2 43.8

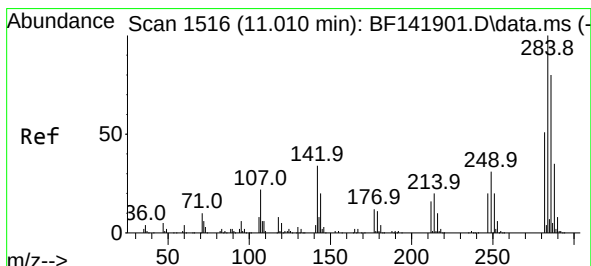
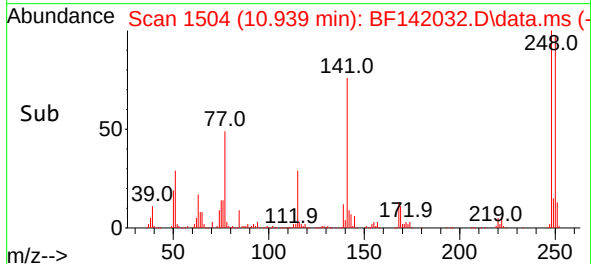
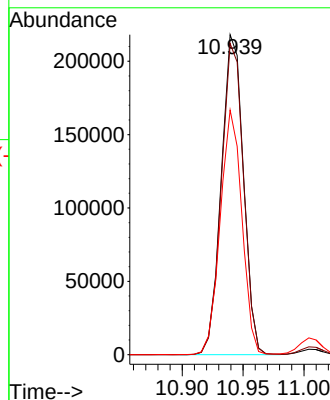
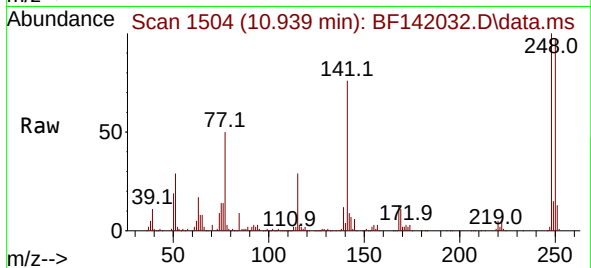




#67
4-Bromophenyl-phenylether
Concen: 48.851 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

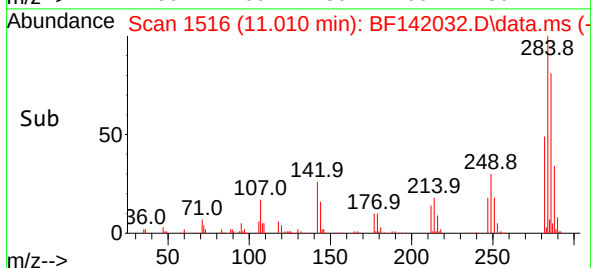
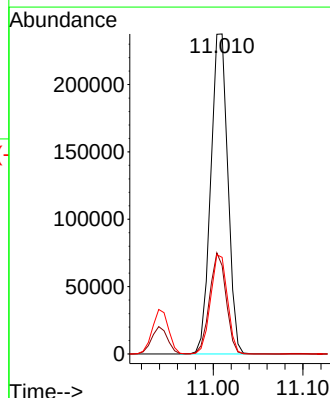
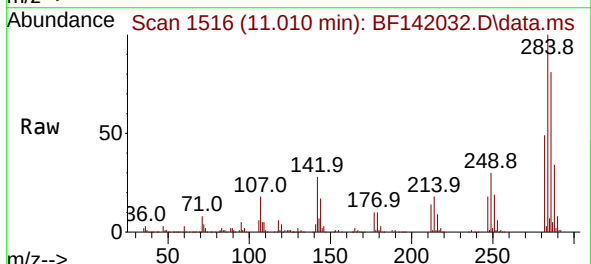
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

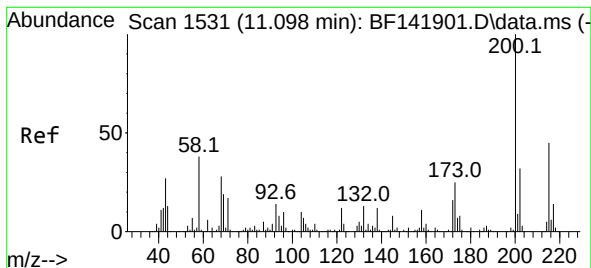
Tgt Ion:248 Resp: 276011
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 76.5 62.6 93.8



#68
Hexachlorobenzene
Concen: 50.544 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:284 Resp: 313211
Ion Ratio Lower Upper
284 100
142 27.6 27.0 40.6
249 30.2 25.2 37.8





#69

Atrazine

Concen: 60.147 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

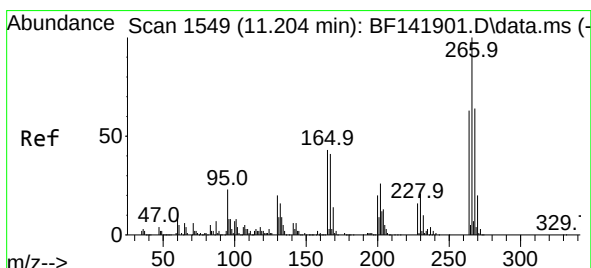
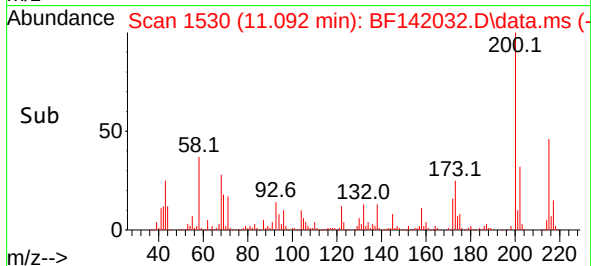
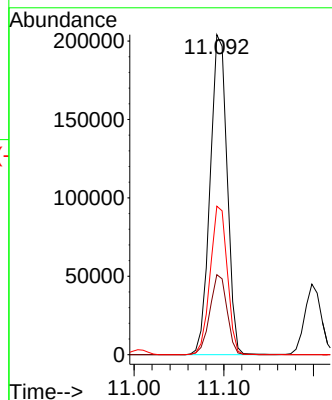
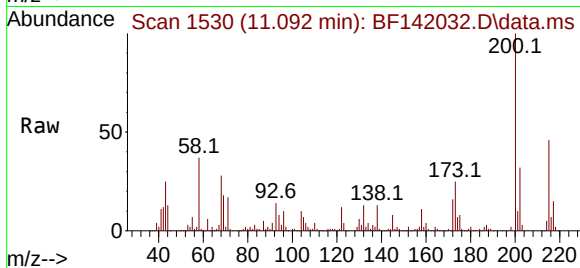
Tgt Ion:200 Resp: 268438

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 46.4 25.4 65.4



#70

Pentachlorophenol

Concen: 80.685 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

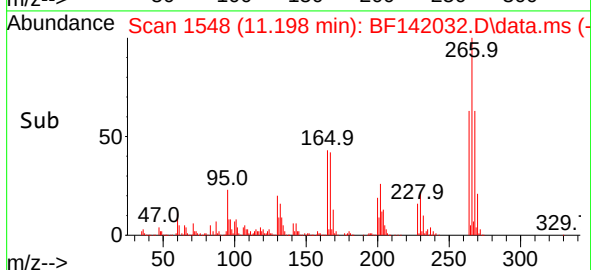
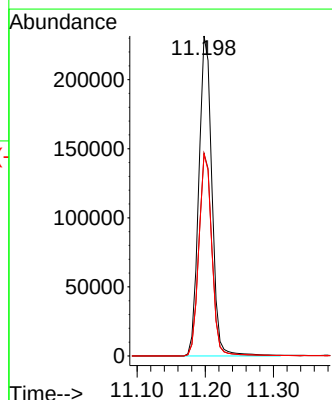
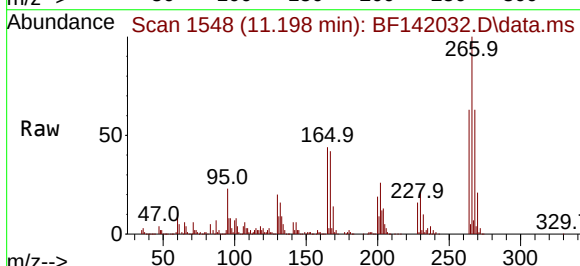
Tgt Ion:266 Resp: 308058

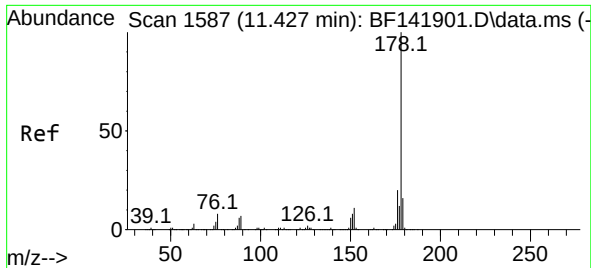
Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.6

264 63.1 50.2 75.2

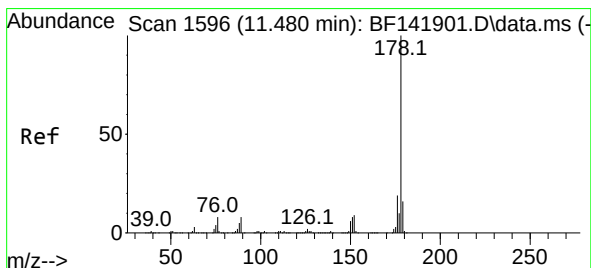
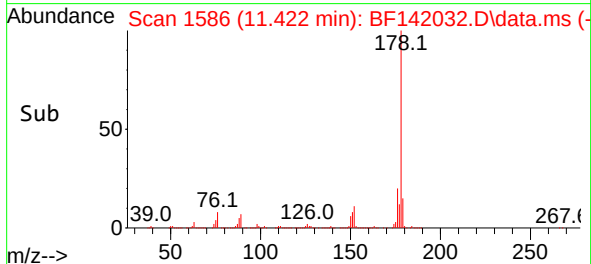
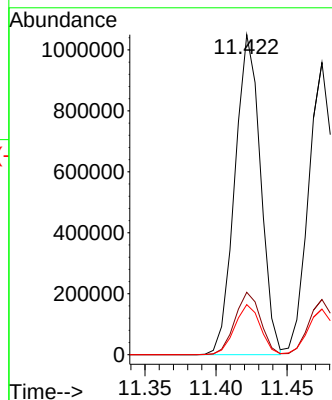
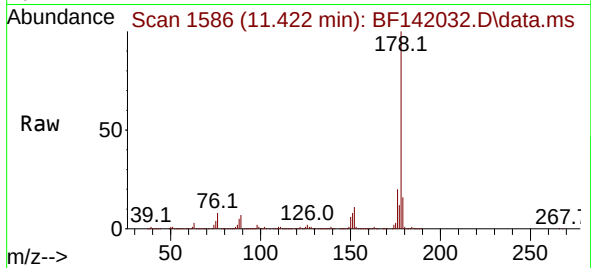




#71
Phenanthrene
Concen: 54.396 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

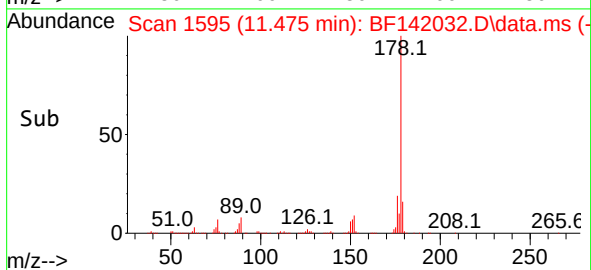
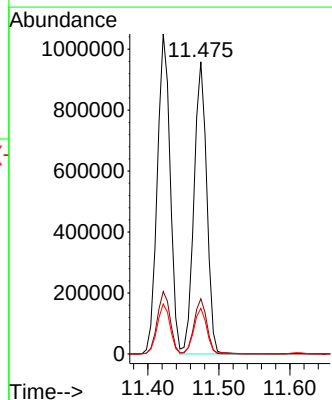
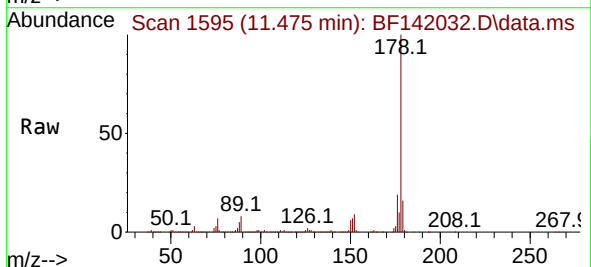
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

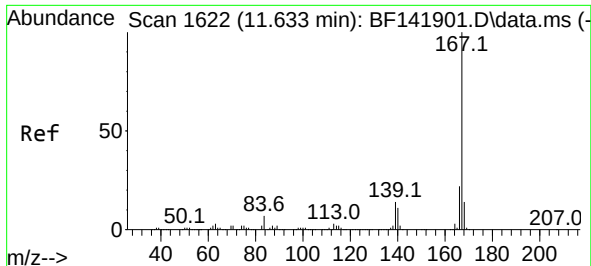
Tgt Ion:178 Resp: 1321815
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.7 12.6 19.0



#72
Anthracene
Concen: 49.013 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:178 Resp: 1194884
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.6 19.0

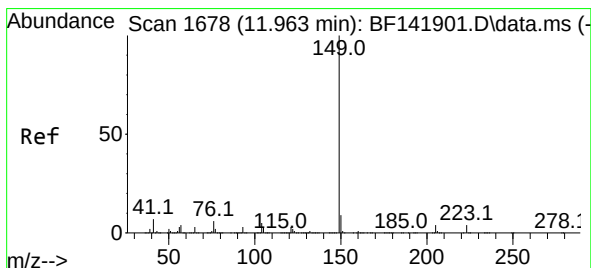
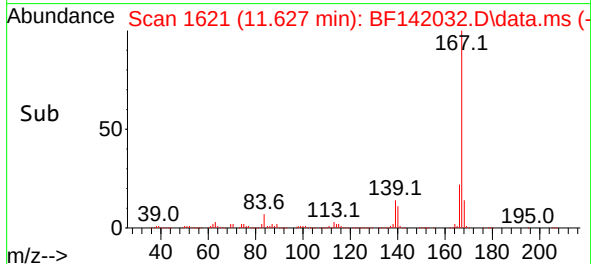
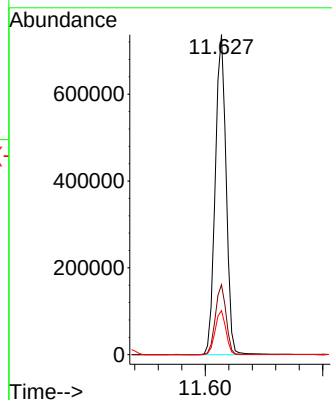
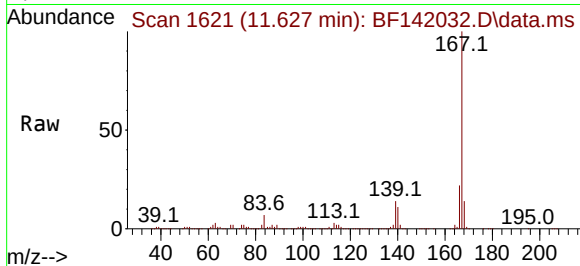




#73
Carbazole
Concen: 44.933 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

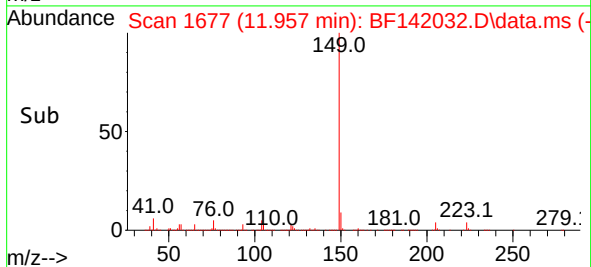
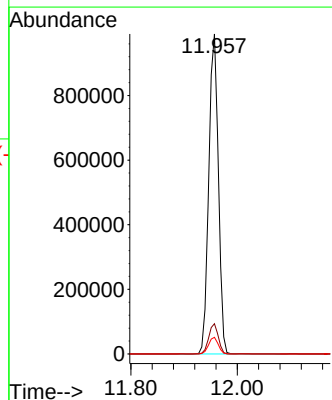
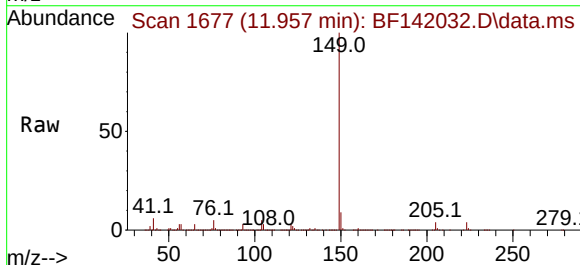
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

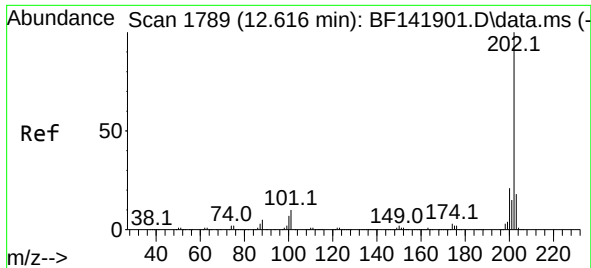
Tgt Ion:167 Resp: 944706
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.7 11.0 16.6



#74
Di-n-butylphthalate
Concen: 44.224 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:149 Resp: 1233741
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 5.2 4.4 6.6

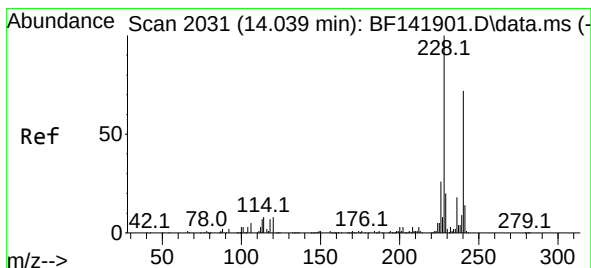
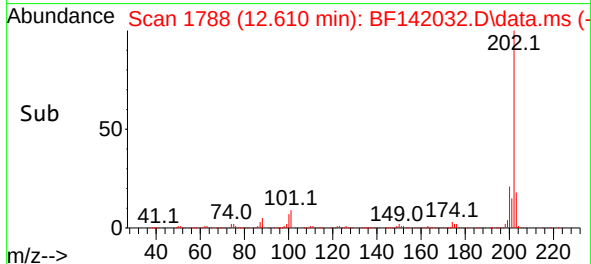
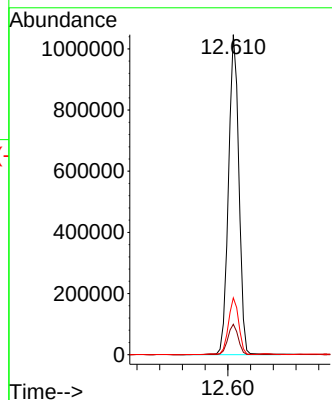
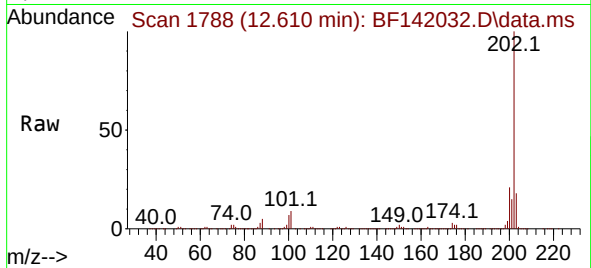




#75
Fluoranthene
Concen: 51.778 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

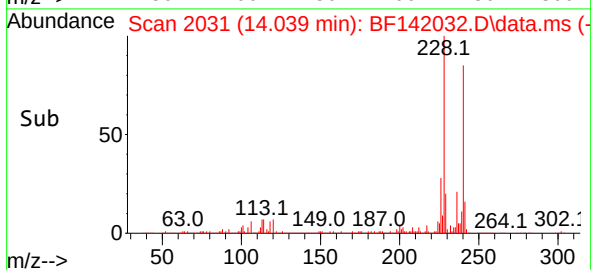
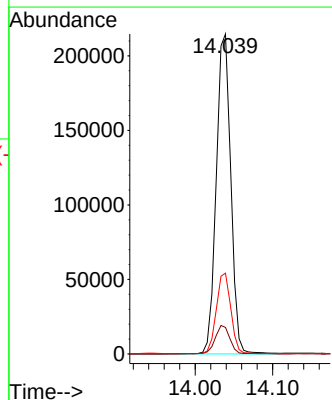
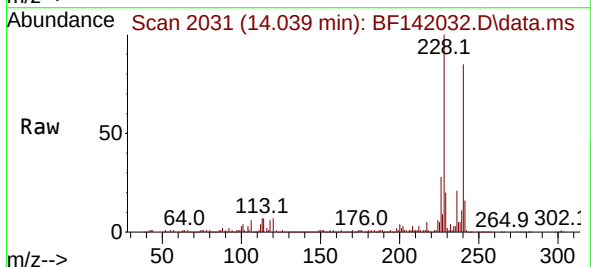
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

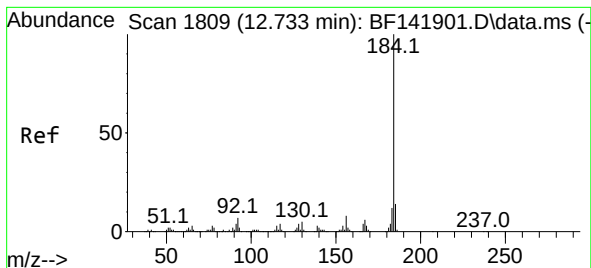
Tgt Ion:202 Resp: 1334642
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:240 Resp: 279718
Ion Ratio Lower Upper
240 100
120 8.3 8.4 12.6#
236 25.2 20.5 30.7





#77

Benzidine

Concen: 58.146 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

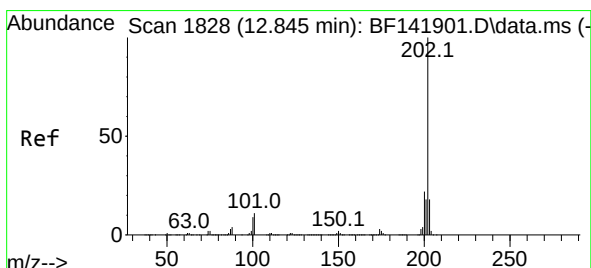
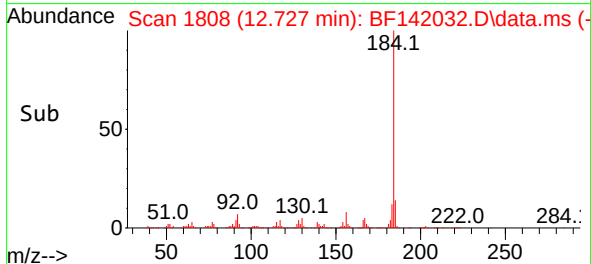
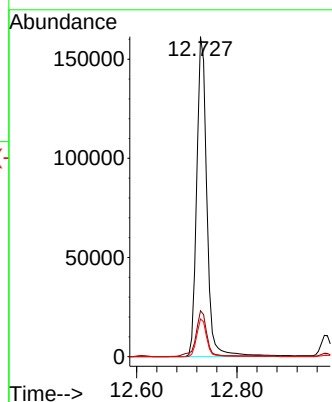
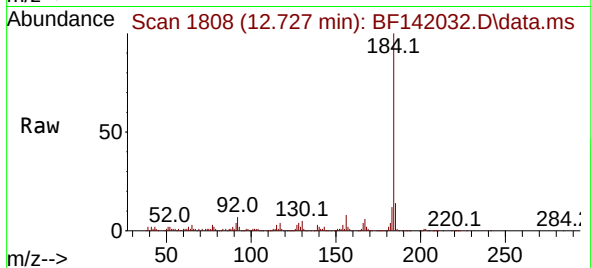
Tgt Ion:184 Resp: 226922

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.8 9.7 14.5



#78

Pyrene

Concen: 52.573 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

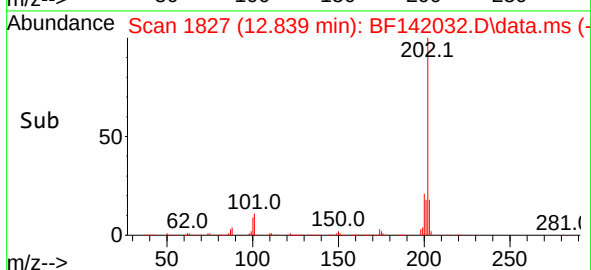
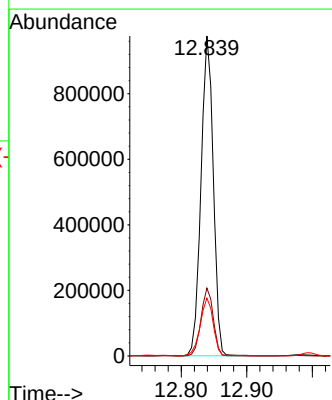
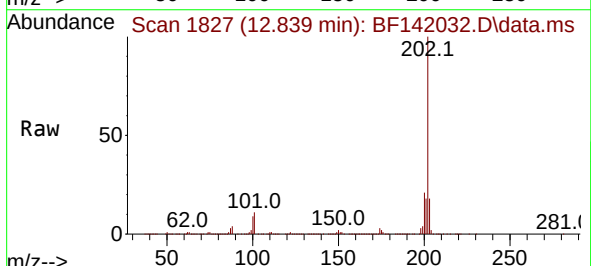
Tgt Ion:202 Resp: 1272063

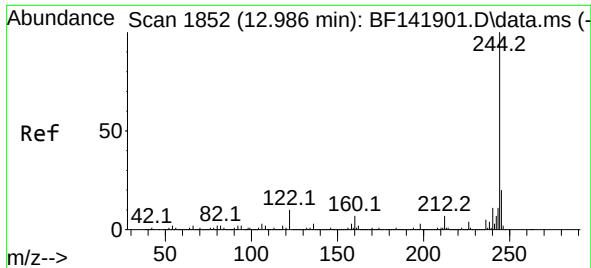
Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

203 18.1 14.4 21.6

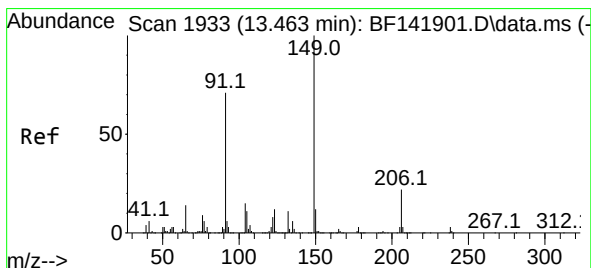
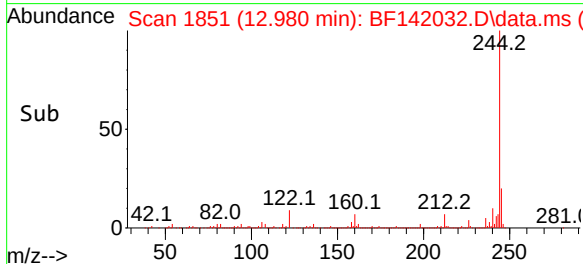
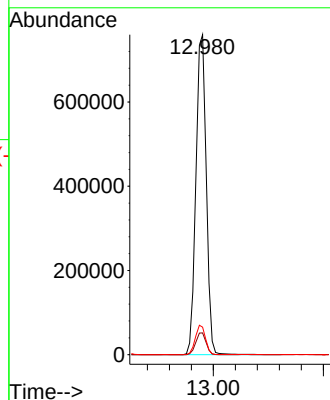
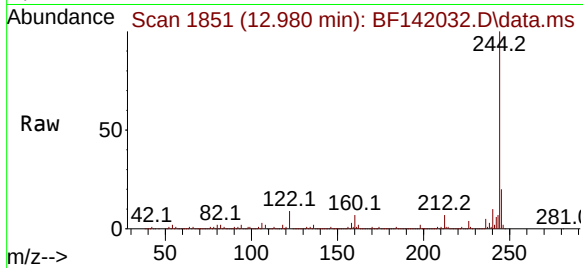




#79
 Terphenyl-d14
 Concen: 52.444 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

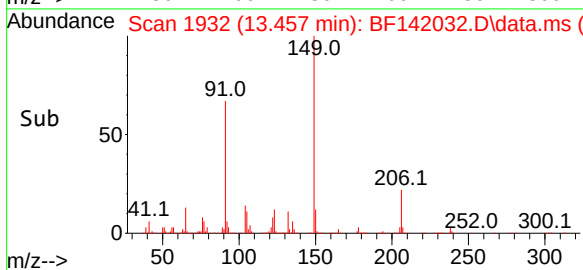
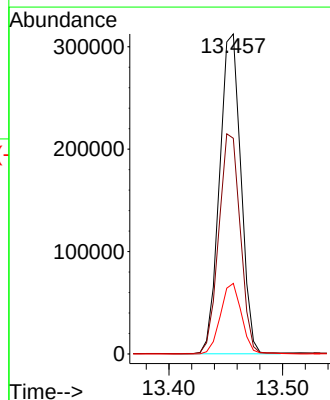
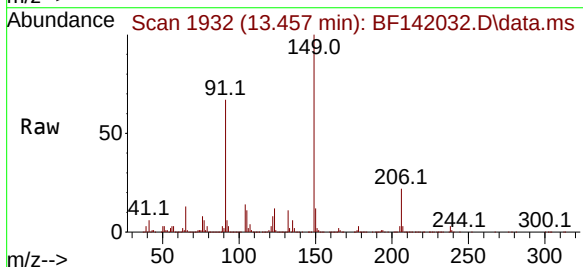
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

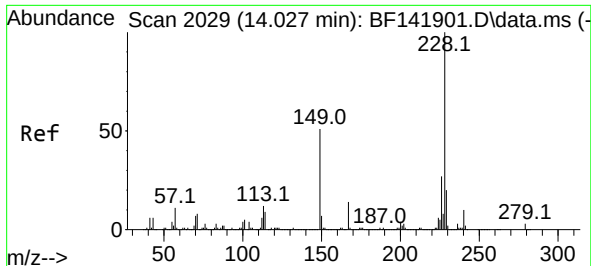
Tgt Ion:244 Resp: 992229
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.6 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 43.144 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

Tgt Ion:149 Resp: 408585
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.5 84.7
 206 22.1 17.3 25.9

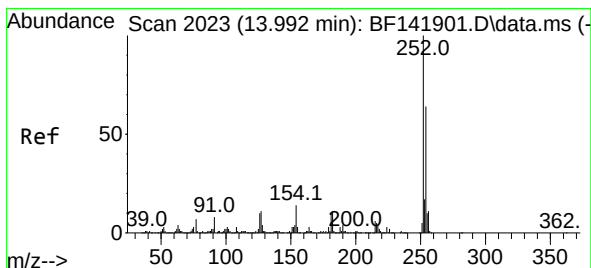
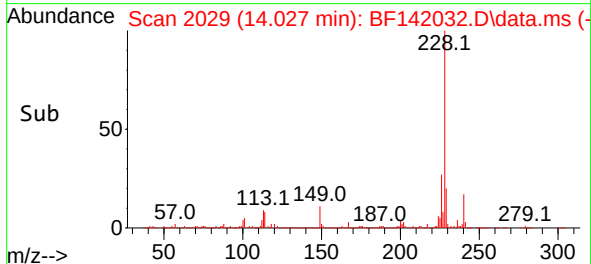
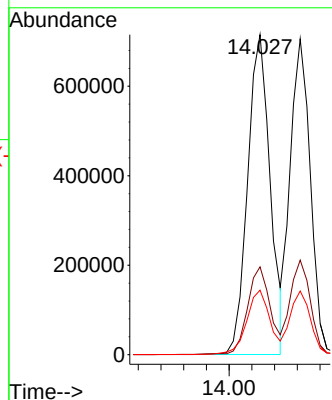
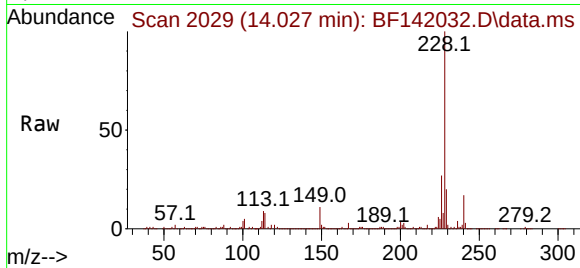




#81
Benzo(a)anthracene
Concen: 53.686 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

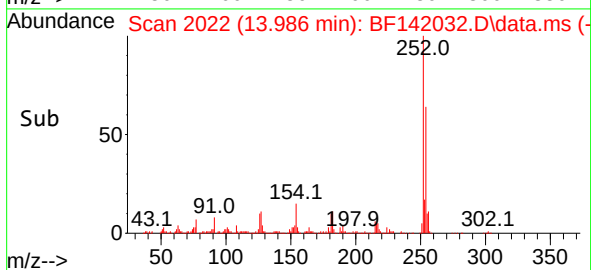
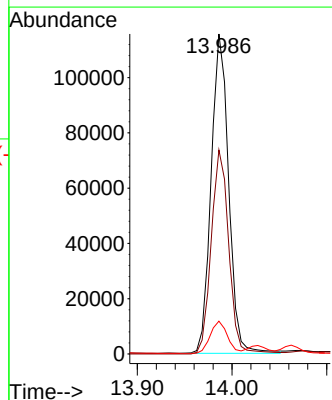
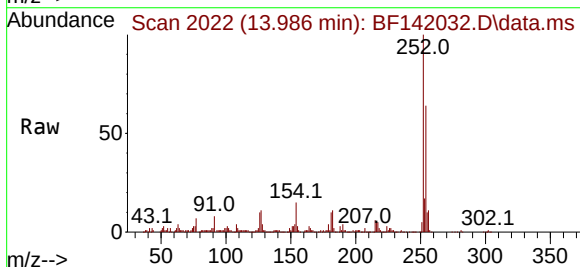
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

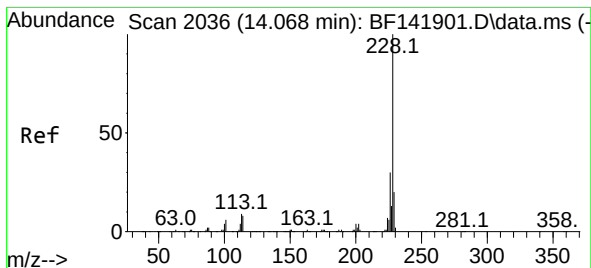
Tgt Ion:228 Resp: 985416
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 27.996 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:252 Resp: 148504
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 10.2 8.4 12.6





#83

Chrysene

Concen: 51.802 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

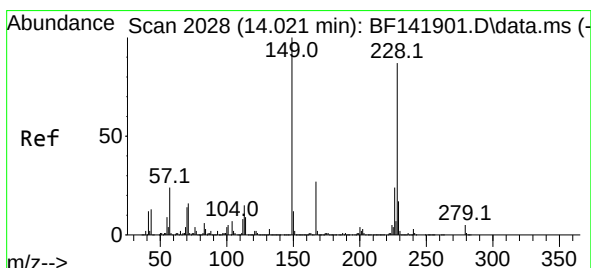
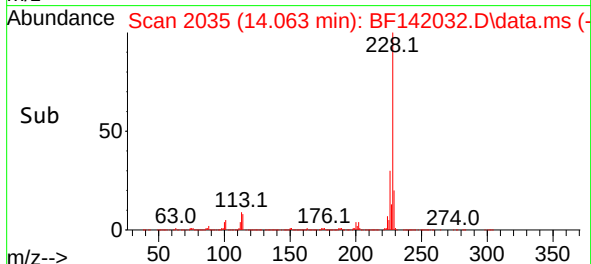
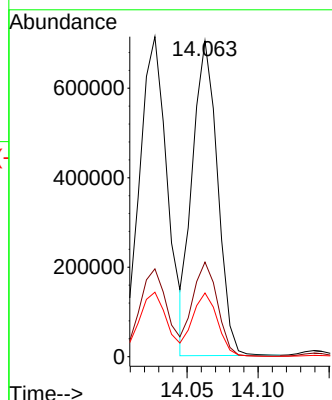
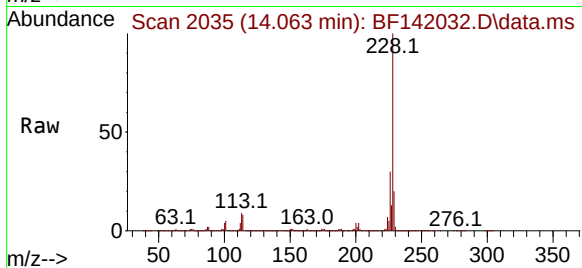
Tgt Ion:228 Resp: 861906

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.566 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

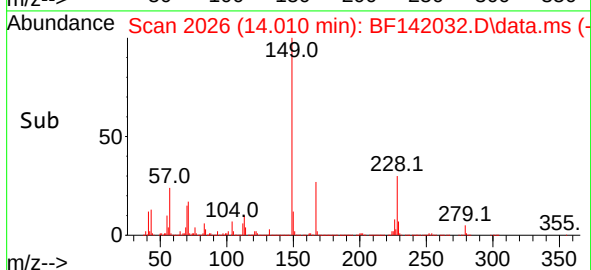
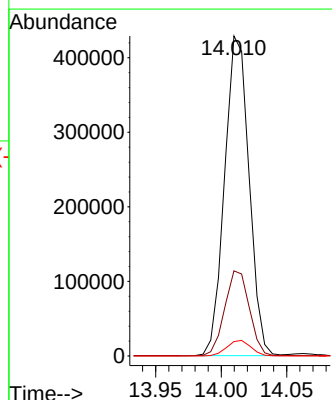
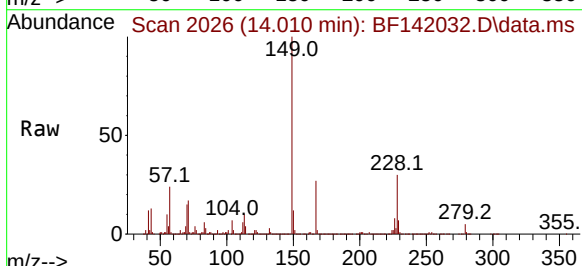
Tgt Ion:149 Resp: 555814

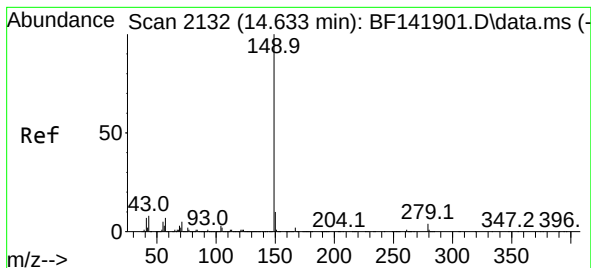
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.491 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

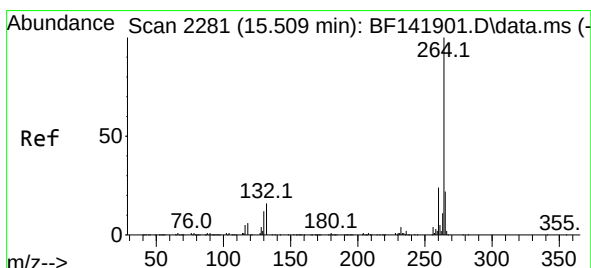
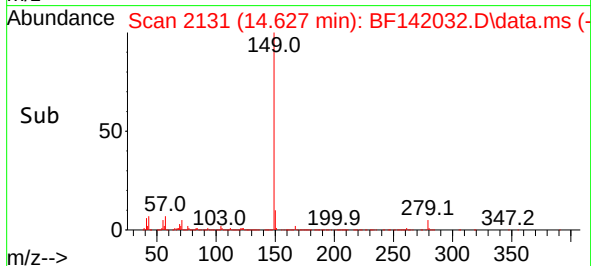
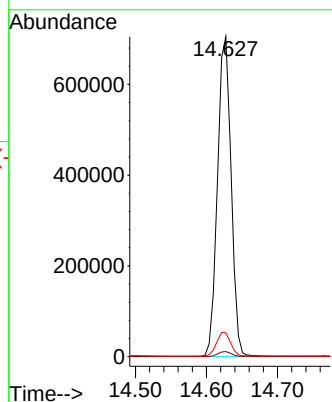
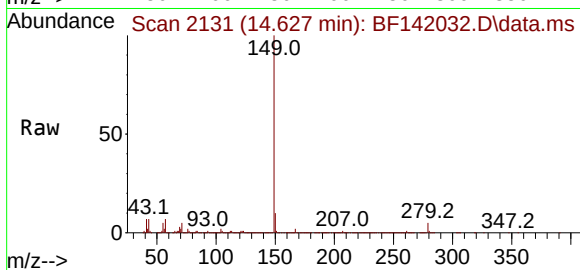
Tgt Ion:149 Resp: 935501

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

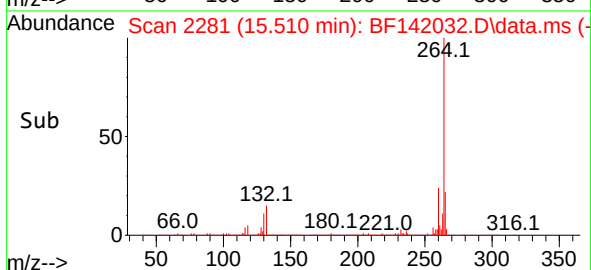
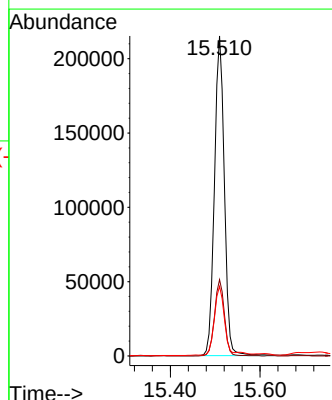
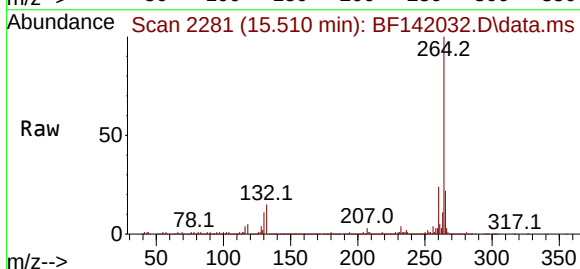
Tgt Ion:264 Resp: 329737

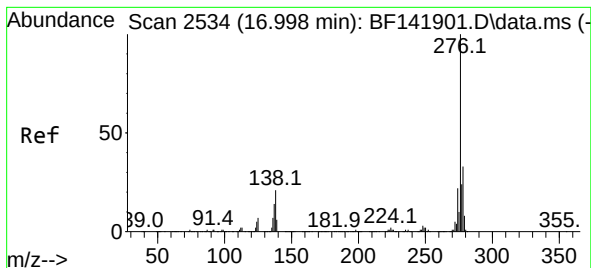
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.686 ng

RT: 17.004 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

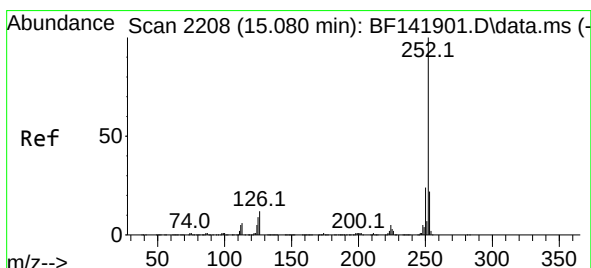
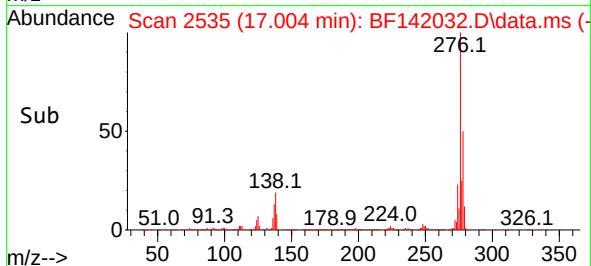
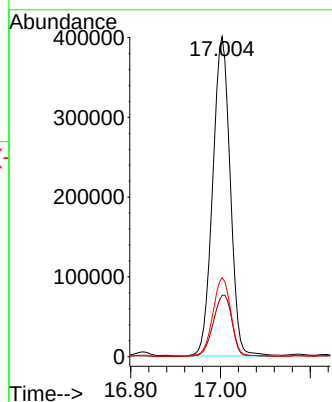
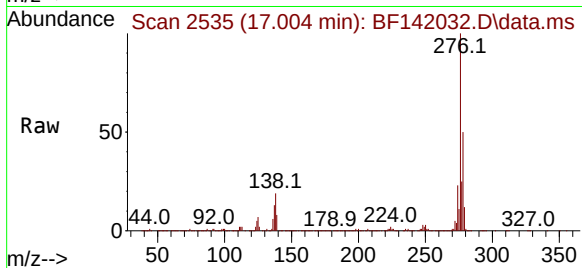
Tgt Ion:276 Resp: 1081142

Ion Ratio Lower Upper

276 100

138 20.6 18.4 27.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.103 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

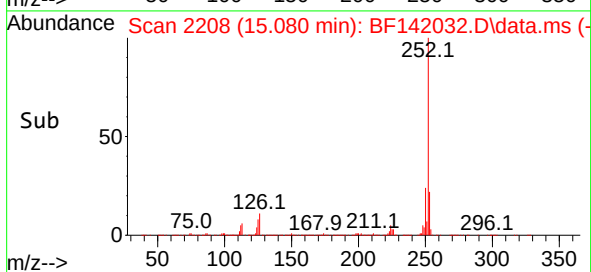
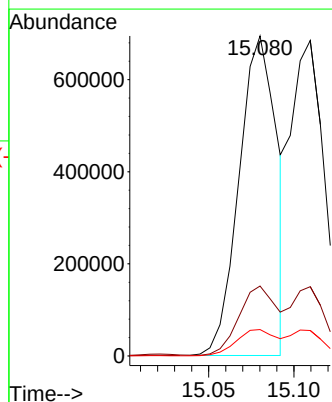
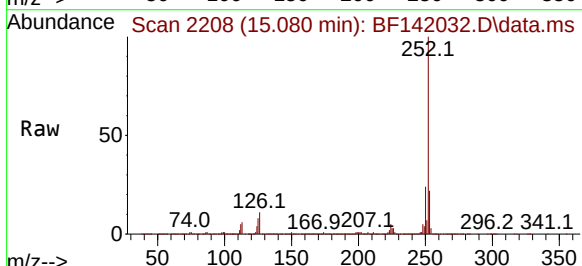
Tgt Ion:252 Resp: 1064459

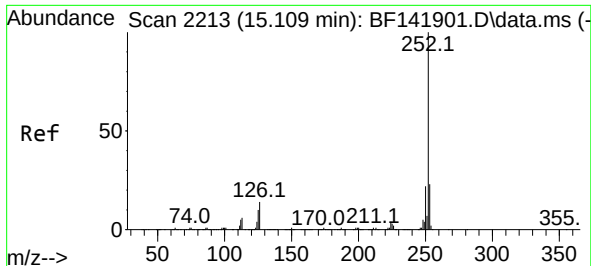
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.3 7.0 10.4

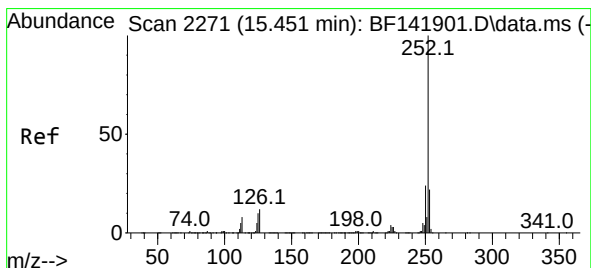
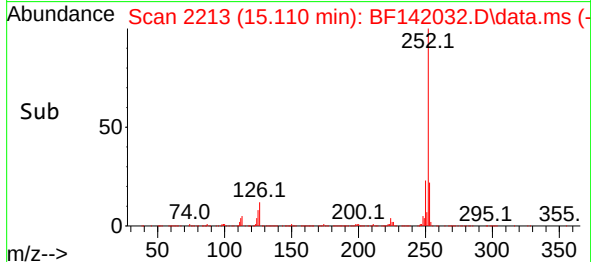
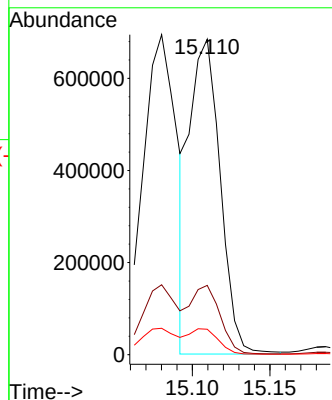
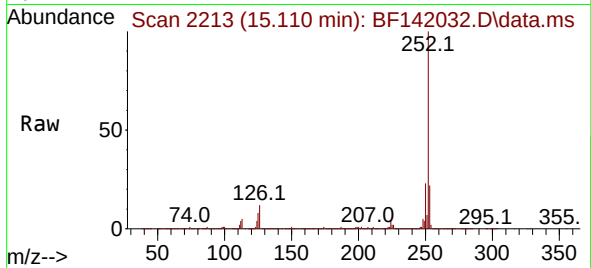




#89
Benzo(k)fluoranthene
Concen: 48.440 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

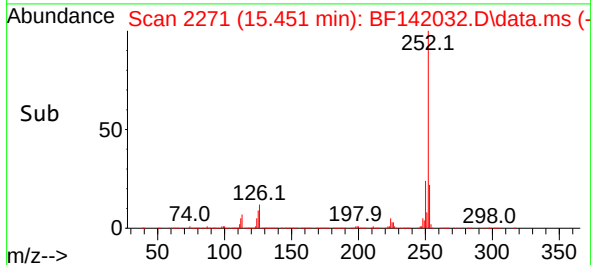
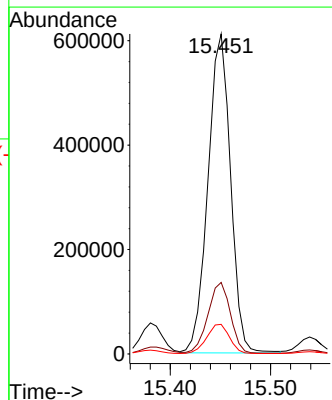
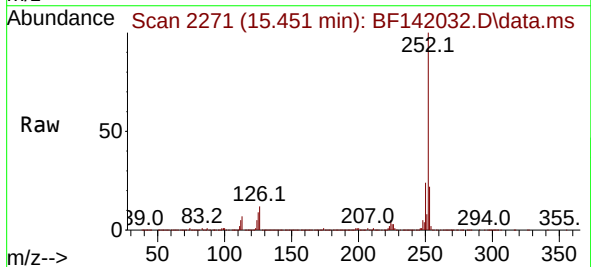
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

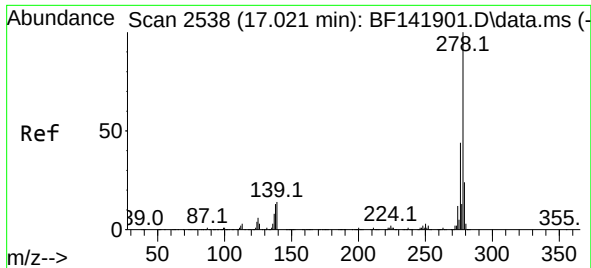
Tgt Ion:252 Resp: 936795
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.1 7.2 10.8



#90
Benzo(a)pyrene
Concen: 54.171 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:252 Resp: 957883
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.2 7.8 11.8

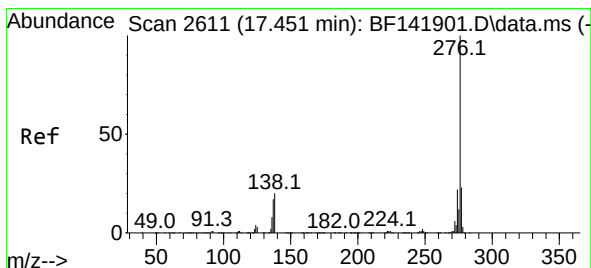
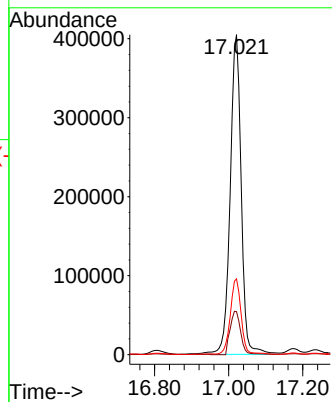
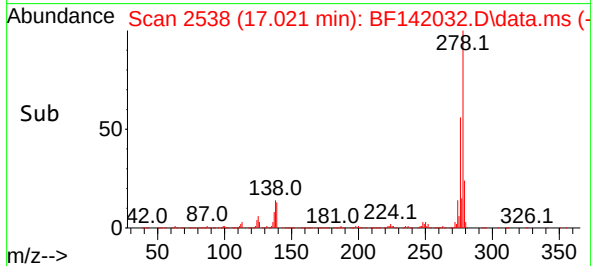
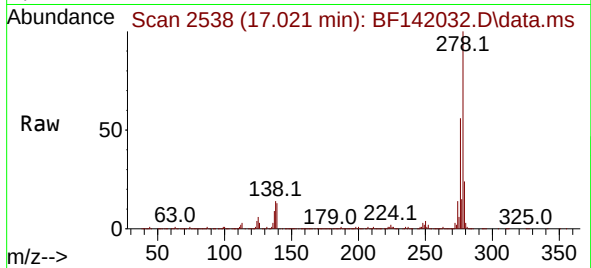




#91
 Dibenzo(a,h)anthracene
 Concen: 47.735 ng
 RT: 17.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tgt Ion:278 Resp: 840086
 Ion Ratio Lower Upper
 278 100
 139 13.4 11.4 17.2
 279 23.7 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 47.797 ng
 RT: 17.456 min Scan# 2612
 Delta R.T. 0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

Tgt Ion:276 Resp: 831254
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 17.8 15.8 23.8

