

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139364.D
 Acq On : 14 Sep 2024 12:47
 Operator : RC/JU
 Sample : PB163344BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163344BSD

Quant Time: Sep 16 01:54:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	59379	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	221995	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	116979	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	231948	20.000	ng	0.00
76) Chrysene-d12	14.033	240	127751	20.000	ng	0.00
86) Perylene-d12	15.498	264	111596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	343977	94.502	ng	0.02
7) Phenol-d6	6.510	99	452340	94.680	ng	0.00
23) Nitrobenzene-d5	7.445	82	449986	95.293	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	124933	100.317	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	834035	99.997	ng	0.00
79) Terphenyl-d14	12.980	244	864145	111.028	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	55656	38.112	ng	99
3) Pyridine	3.505	79	139451	43.312	ng	99
4) n-Nitrosodimethylamine	3.469	42	132274	47.398	ng	99
6) Aniline	6.540	93	172619	47.877	ng	# 90
8) 2-Chlorophenol	6.663	128	186831	49.864	ng	99
9) Benzaldehyde	6.428	77	10620	3.847	ng	94
10) Phenol	6.522	94	247091	50.780	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	171768	46.445	ng	100
12) 1,3-Dichlorobenzene	6.816	146	197365	46.318	ng	98
13) 1,4-Dichlorobenzene	6.898	146	203082	47.162	ng	99
14) 1,2-Dichlorobenzene	7.045	146	191615	47.093	ng	100
15) Benzyl Alcohol	7.022	79	189688	49.765	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	299439	52.536	ng	97
17) 2-Methylphenol	7.134	107	150359	50.509	ng	99
18) Hexachloroethane	7.393	117	77446	47.220	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	147767	52.194	ng	97
20) 3+4-Methylphenols	7.287	107	201820	49.693	ng	# 90
22) Acetophenone	7.287	105	278198	47.935	ng	97
24) Nitrobenzene	7.463	77	225707	46.441	ng	99
25) Isophorone	7.698	82	381110	51.032	ng	99
26) 2-Nitrophenol	7.775	139	97592	51.541	ng	99
27) 2,4-Dimethylphenol	7.816	122	175051	70.086	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	213780	50.227	ng	98
29) 2,4-Dichlorophenol	8.016	162	156630	49.364	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	169599	45.874	ng	98
31) Naphthalene	8.187	128	551831	47.615	ng	100
32) Benzoic acid	7.940	122	106484	45.557	ng	98
33) 4-Chloroaniline	8.228	127	98237	27.708	ng	99
34) Hexachlorobutadiene	8.298	225	115057	45.808	ng	99
35) Caprolactam	8.604	113	32200	32.990	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	179398	49.472	ng	100
37) 2-Methylnaphthalene	8.875	142	352340	47.897	ng	99
38) 1-Methylnaphthalene	8.975	142	328214	45.446	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	174606	50.364	ng	98
41) Hexachlorocyclopentadiene	9.028	237	238032	196.641	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	120455	53.404	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	120884	50.808	ng	98
46) 1,1'-Biphenyl	9.339	154	444169	49.355	ng	99
47) 2-Chloronaphthalene	9.363	162	335782	49.901	ng	99
48) 2-Nitroaniline	9.457	65	132807	53.063	ng	95
49) Acenaphthylene	9.781	152	531926	52.515	ng	100
50) Dimethylphthalate	9.639	163	395742	51.543	ng	100
51) 2,6-Dinitrotoluene	9.698	165	87147	51.236	ng	95
52) Acenaphthene	9.951	154	402145	56.886	ng	99
53) 3-Nitroaniline	9.869	138	63447	37.326	ng	93
54) 2,4-Dinitrophenol	9.975	184	107708	113.644	ng	94
55) Dibenzofuran	10.122	168	498465	50.589	ng	98
56) 4-Nitrophenol	10.028	139	151099	107.427	ng	95
57) 2,4-Dinitrotoluene	10.104	165	118701	51.692	ng	98
58) Fluorene	10.463	166	403390	50.176	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	106917	54.324	ng	100
60) Diethylphthalate	10.339	149	409170	51.642	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	195095	49.934	ng	97
62) 4-Nitroaniline	10.486	138	85862	46.282	ng	100
63) Azobenzene	10.616	77	400151	51.348	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	65230	53.284	ng	96
66) n-Nitrosodiphenylamine	10.575	169	341473	50.355	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	113544	49.398	ng	98
68) Hexachlorobenzene	11.004	284	131461	48.732	ng	97
69) Atrazine	11.098	200	110672	68.552	ng	99
70) Pentachlorophenol	11.204	266	154165	95.241	ng	99
71) Phenanthrene	11.428	178	572331	51.144	ng	99
72) Anthracene	11.475	178	570286	52.123	ng	99
73) Carbazole	11.628	167	519118	49.573	ng	100
74) Di-n-butylphthalate	11.957	149	621116	53.245	ng	100
75) Fluoranthene	12.610	202	592258	49.559	ng	99
77) Benzidine	12.727	184	76597	41.849	ng	99
78) Pyrene	12.839	202	586908	53.505	ng	100
80) Butylbenzylphthalate	13.457	149	209048	55.990	ng	99
81) Benzo(a)anthracene	14.022	228	438812	51.856	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	107292	43.295	ng	98
83) Chrysene	14.063	228	368125	47.285	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	269424	56.724	ng	99
85) Di-n-octyl phthalate	14.627	149	374391	53.523	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	344391	51.899	ng	99
88) Benzo(b)fluoranthene	15.074	252	377276	54.817	ng	99
89) Benzo(k)fluoranthene	15.104	252	346713	54.636	ng	99
90) Benzo(a)pyrene	15.439	252	308280	54.008	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	290328	52.947	ng	100
92) Benzo(g,h,i)perylene	17.421	276	267316	49.237	ng	99

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

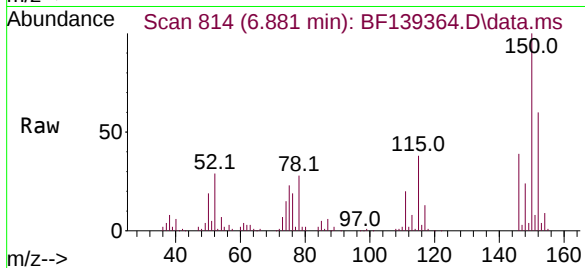
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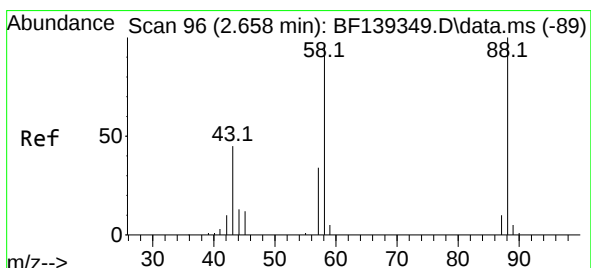
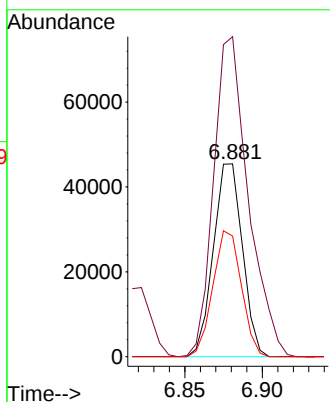
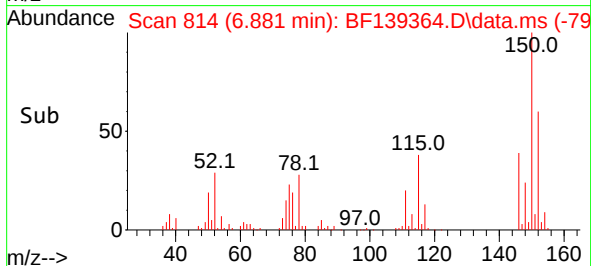


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

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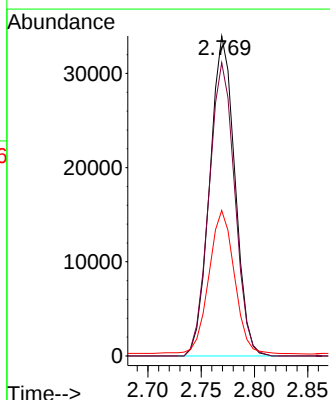
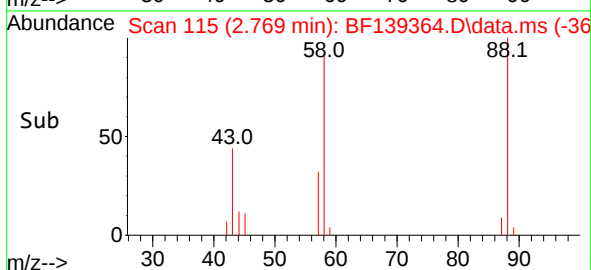
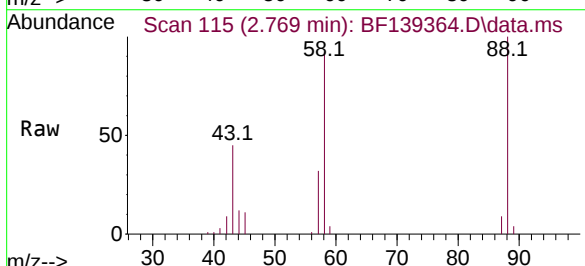


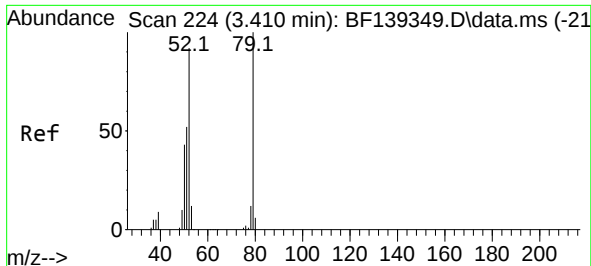
Tgt Ion:152 Resp: 59379
Ion Ratio Lower Upper
152 100
150 166.0 124.1 186.1
115 62.5 48.1 72.1



#2
1,4-Dioxane
Concen: 38.112 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.112 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion: 88 Resp: 55656
Ion Ratio Lower Upper
88 100
58 94.1 74.8 112.2
43 46.1 36.4 54.6





#3

Pyridine

Concen: 43.312 ng

RT: 3.505 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

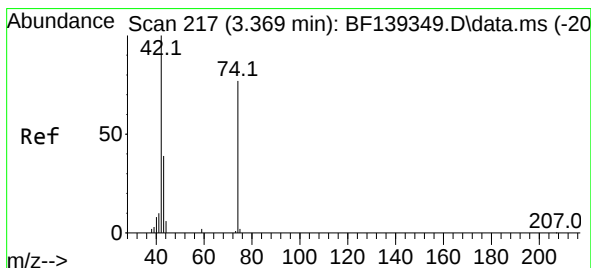
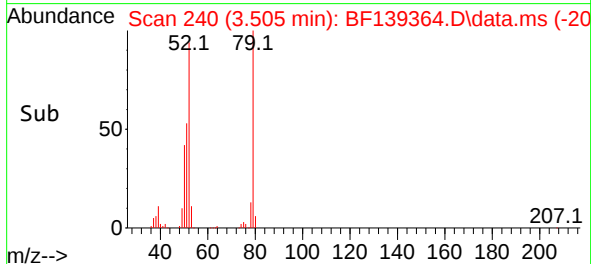
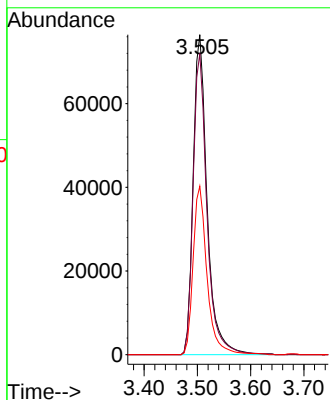
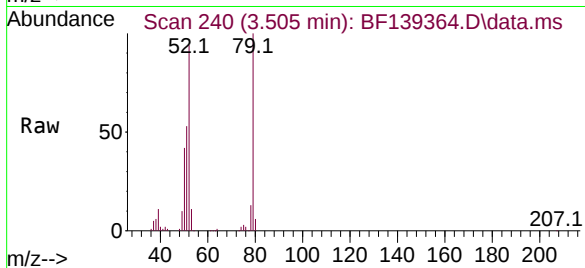
Tgt Ion: 79 Resp: 139451

Ion Ratio Lower Upper

79 100

52 94.1 73.8 110.8

51 52.6 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 47.398 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.100 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

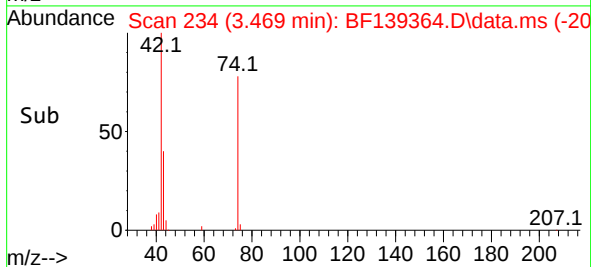
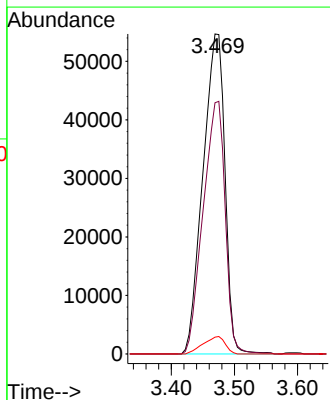
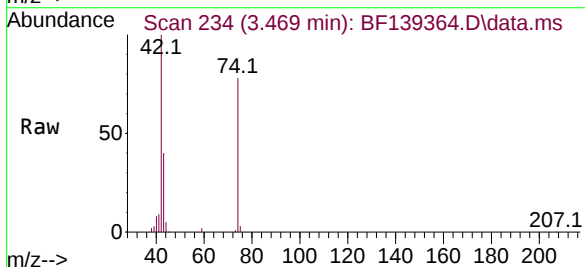
Tgt Ion: 42 Resp: 132274

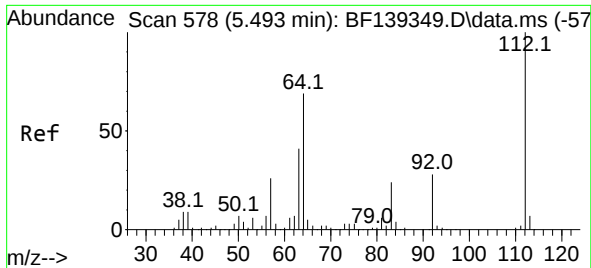
Ion Ratio Lower Upper

42 100

74 78.5 61.8 92.8

44 5.2 4.8 7.2

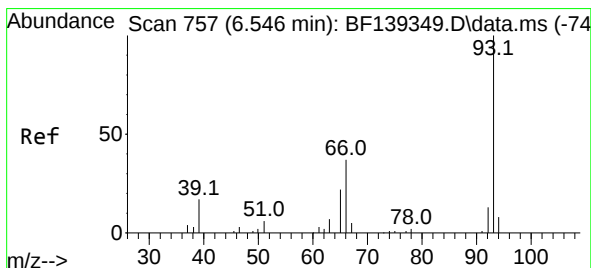
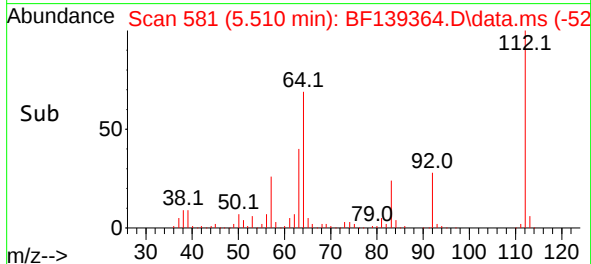
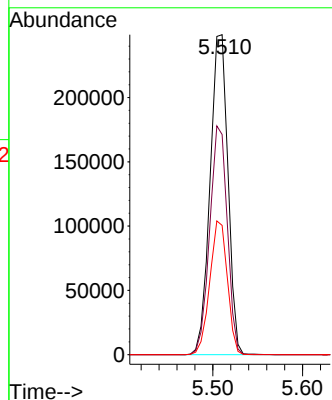
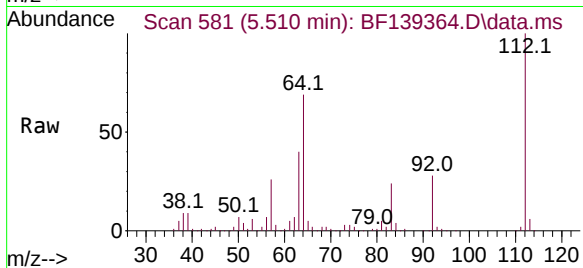




#5
2-Fluorophenol
Concen: 94.502 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

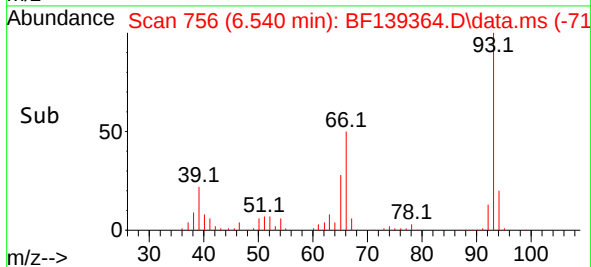
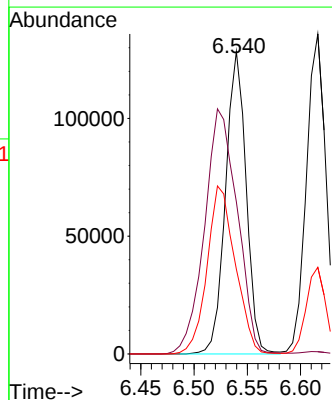
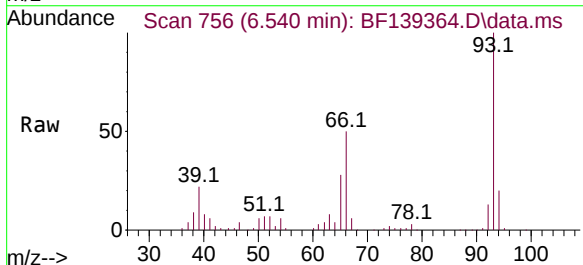
Instrument :
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Tgt Ion:112 Resp: 343977
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 40.4 33.0 49.4



#6
Aniline
Concen: 47.877 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion: 93 Resp: 172619
Ion Ratio Lower Upper
93 100
66 50.3 35.4 53.0
65 28.0 18.2 27.4

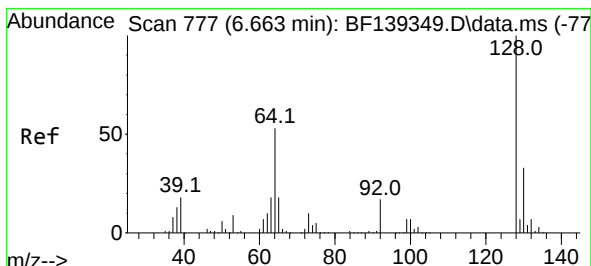
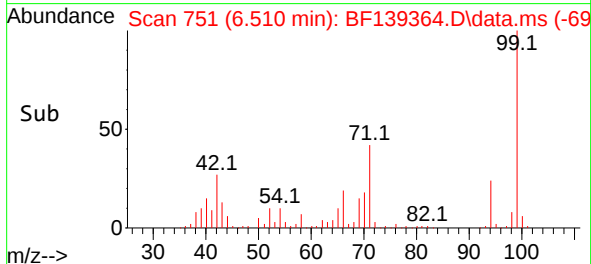
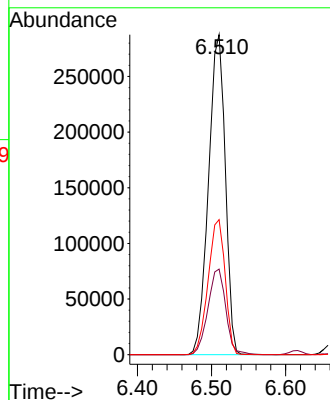
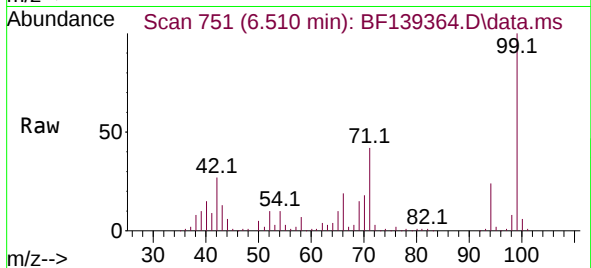




#7
Phenol-d6
Concen: 94.680 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

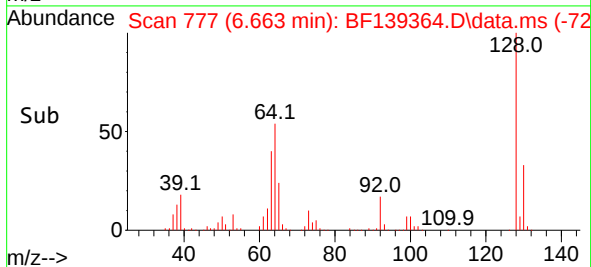
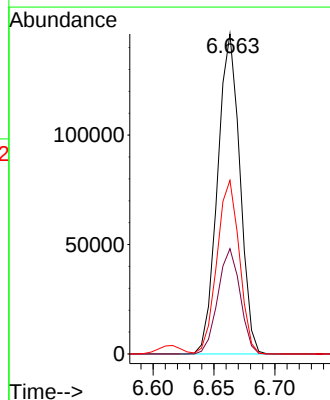
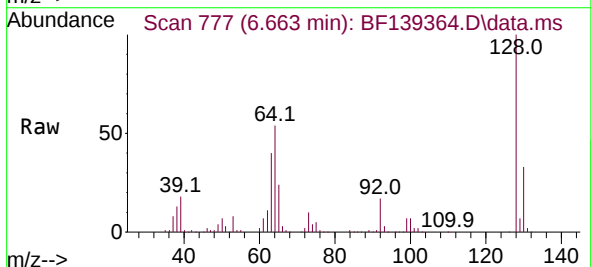
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

Tgt Ion: 99 Resp: 452340
Ion Ratio Lower Upper
99 100
42 26.8 21.9 32.9
71 42.2 34.6 52.0



#8
2-Chlorophenol
Concen: 49.864 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:128 Resp: 186831
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 54.2 35.1 75.1





#9

Benzaldehyde

Concen: 3.847 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

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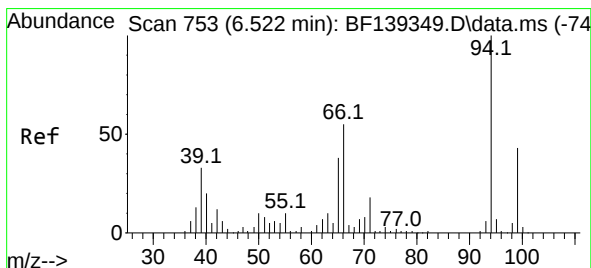
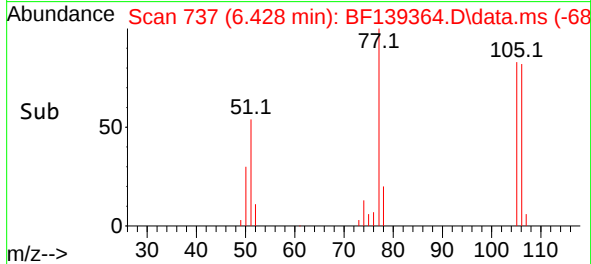
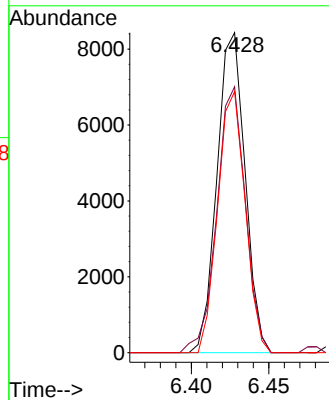
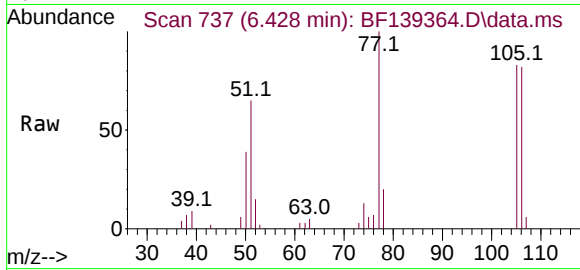
Tgt Ion: 77 Resp: 10620

Ion Ratio Lower Upper

77 100

105 83.1 71.0 111.0

106 81.6 64.9 104.9



#10

Phenol

Concen: 50.780 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

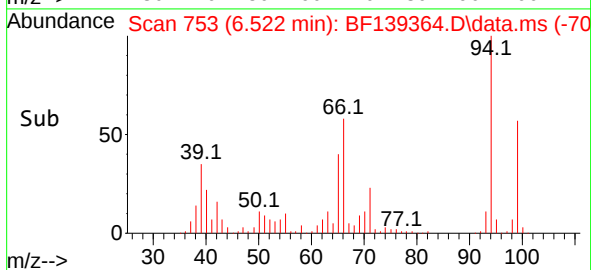
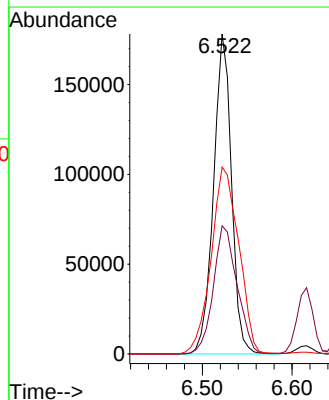
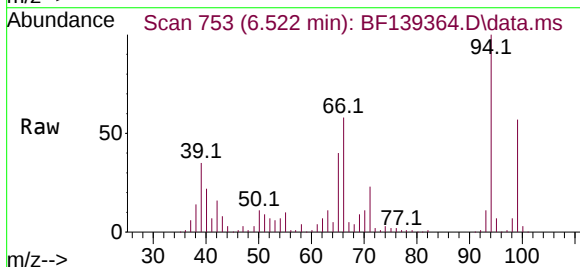
Tgt Ion: 94 Resp: 247091

Ion Ratio Lower Upper

94 100

65 40.1 17.6 57.6

66 58.4 35.2 75.2

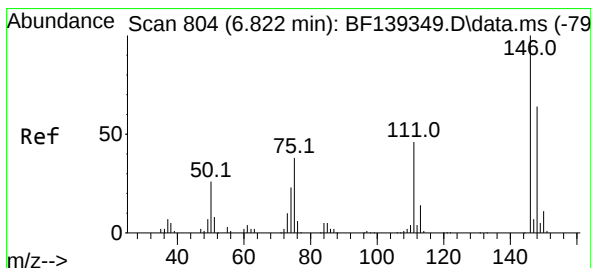
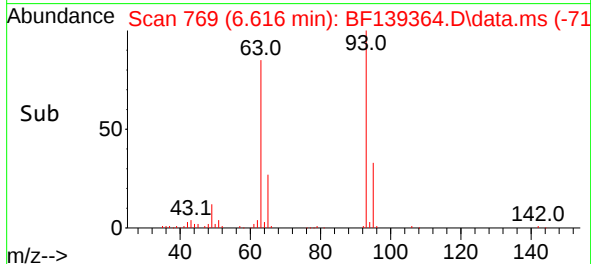
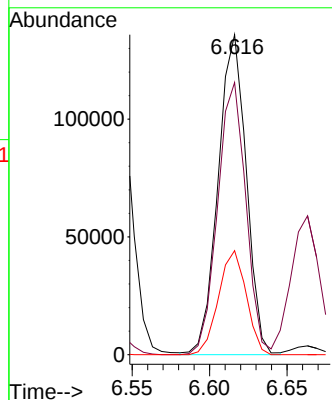
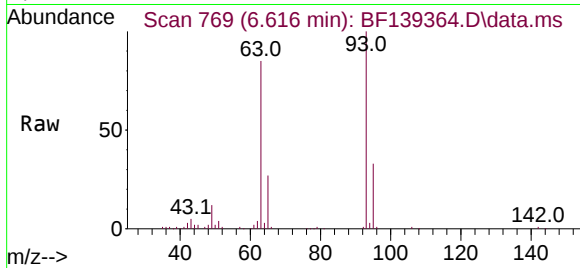




#11
bis(2-Chloroethyl)ether
Concen: 46.445 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

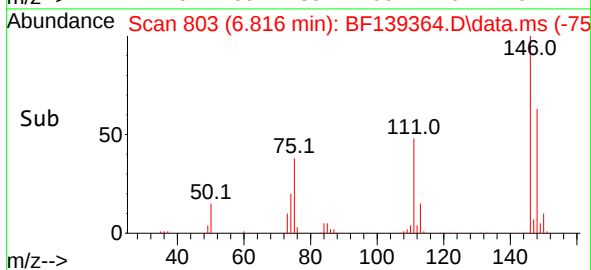
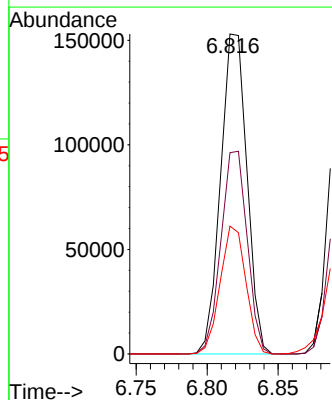
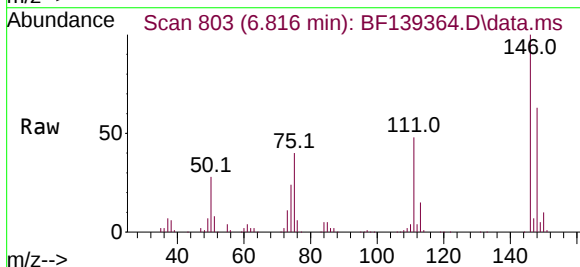
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

Tgt Ion: 93 Resp: 171768
Ion Ratio Lower Upper
93 100
63 85.0 65.3 105.3
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.318 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion: 146 Resp: 197365
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
75 39.9 30.6 46.0

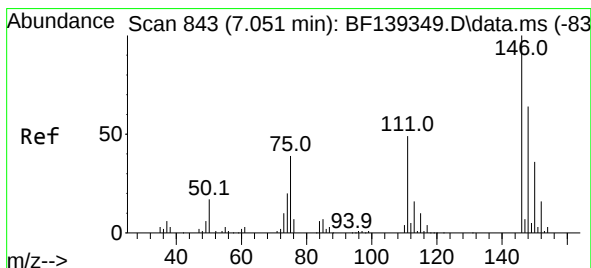
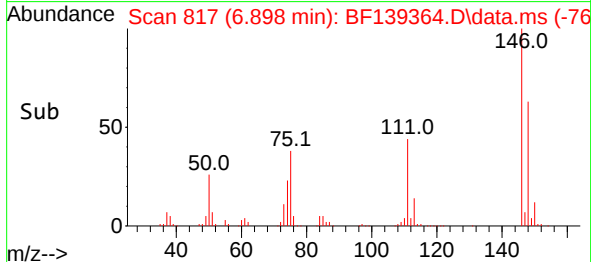
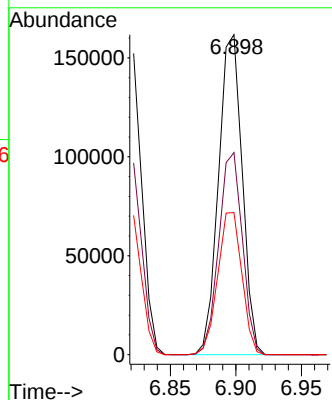
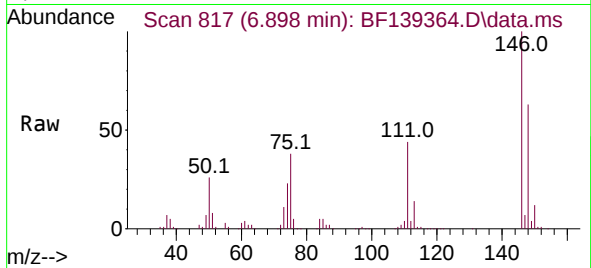




#13
1,4-Dichlorobenzene
Concen: 47.162 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

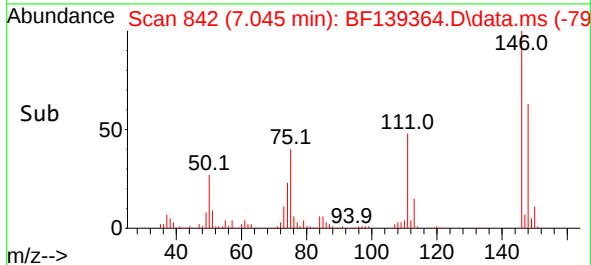
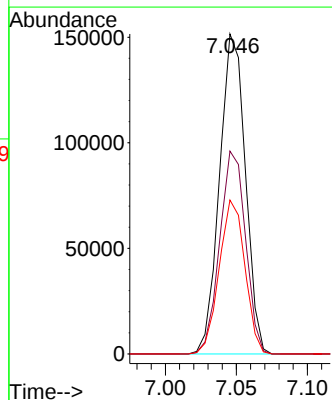
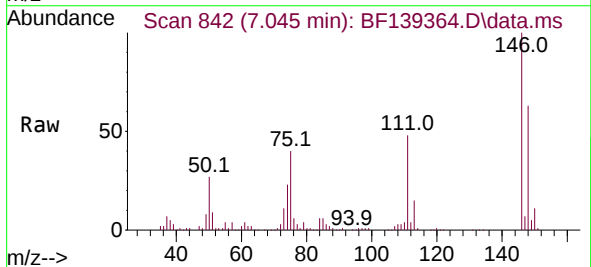
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

Tgt Ion:146 Resp: 203082
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
111 44.4 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 47.093 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:146 Resp: 191615
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
111 48.1 38.9 58.3

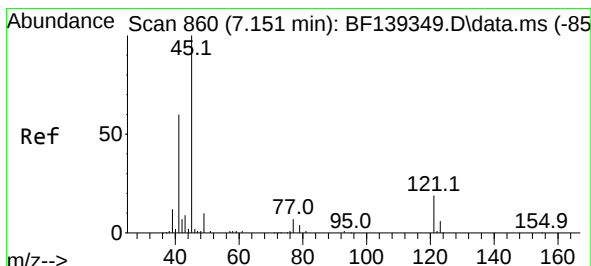
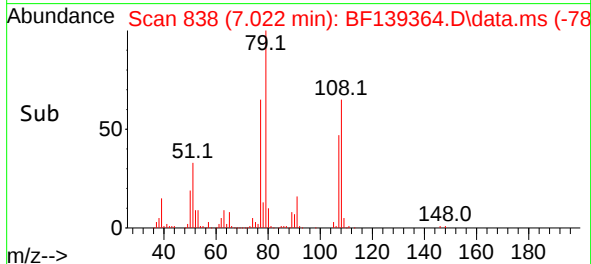
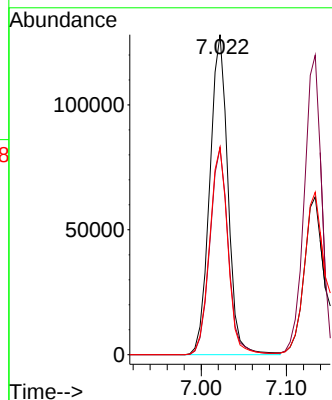
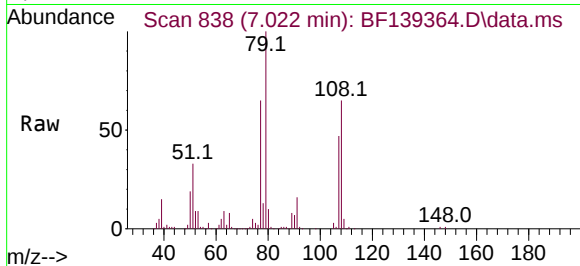




#15
Benzyl Alcohol
Concen: 49.765 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

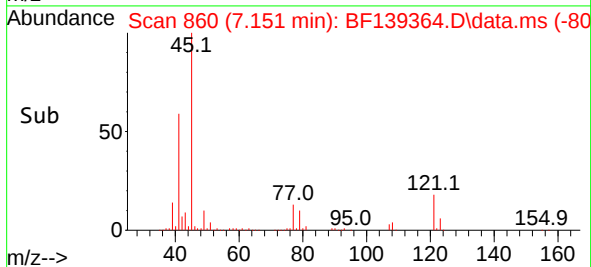
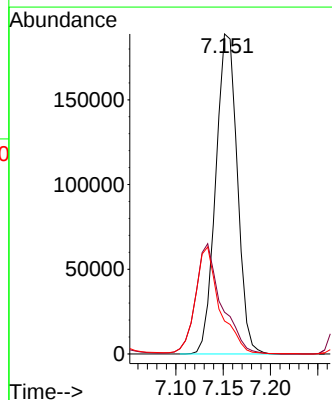
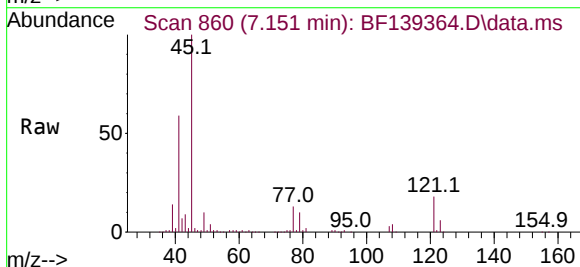
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

Tgt Ion: 79 Resp: 189688
Ion Ratio Lower Upper
79 100
108 64.6 50.4 75.6
77 64.8 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.536 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion: 45 Resp: 299439
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.0
79 10.3 0.0 29.1

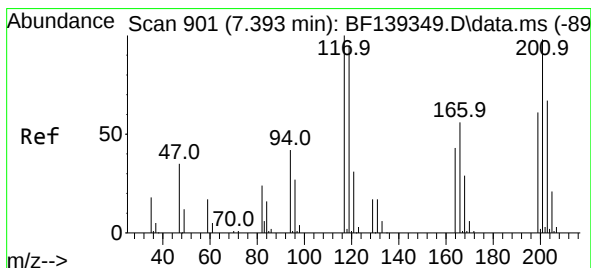
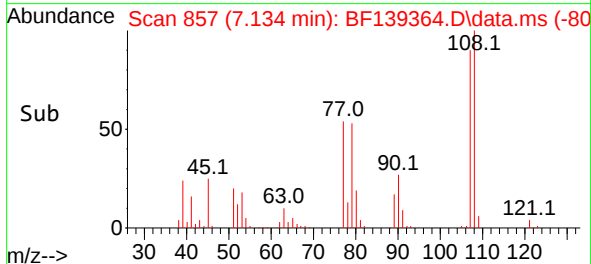
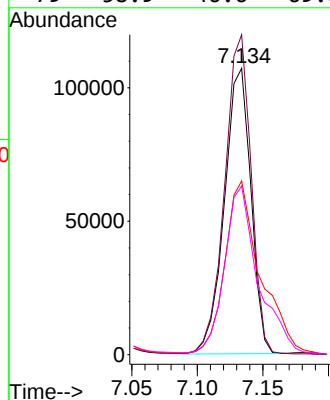
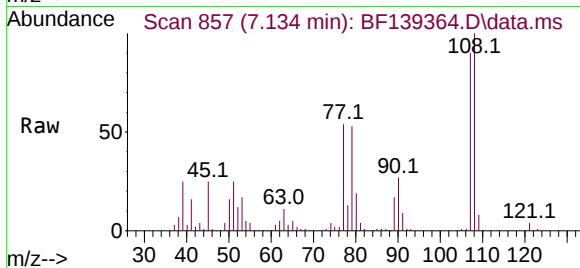




#17
2-Methylphenol
Concen: 50.509 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

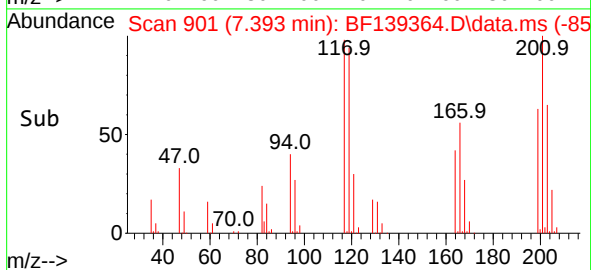
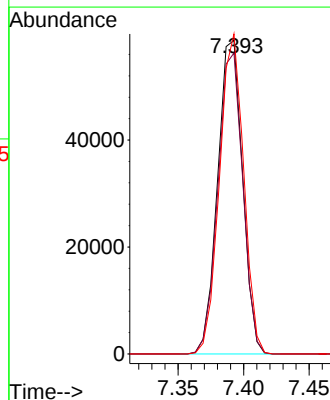
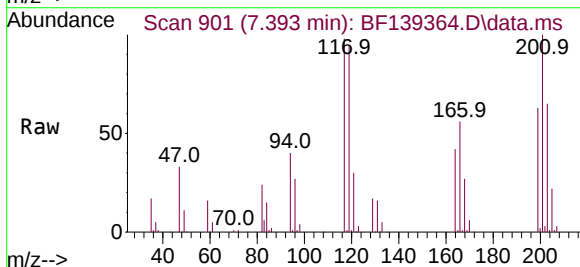
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

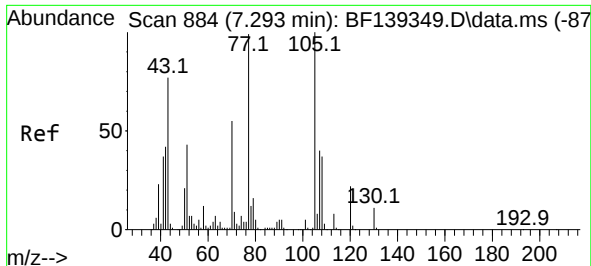
Tgt Ion:	107	Resp:	150359
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.5	135.7
77	60.6	47.1	70.7
79	58.9	46.6	69.8



#18
Hexachloroethane
Concen: 47.220 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:	117	Resp:	77446
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	102.0	78.6	118.0

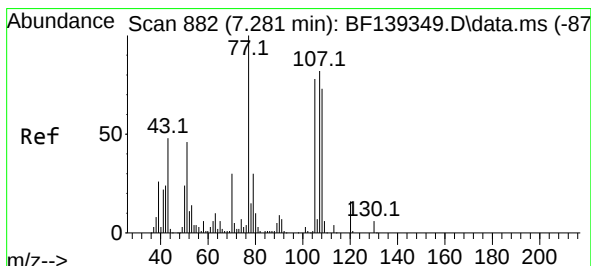
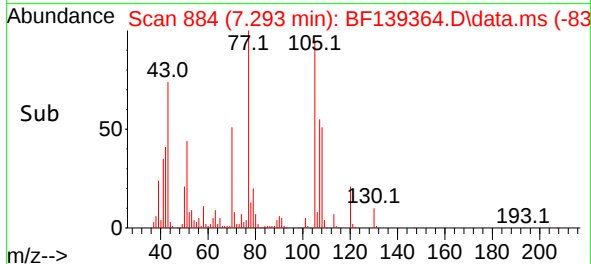
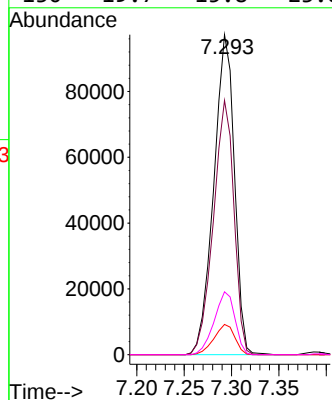
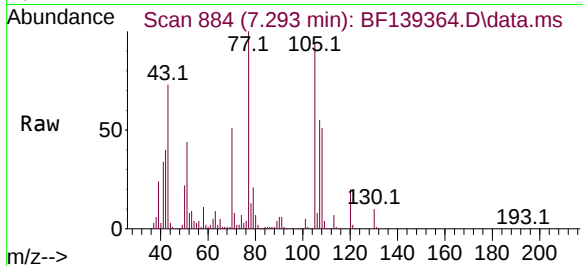




#19
n-Nitroso-di-n-propylamine
Concen: 52.194 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

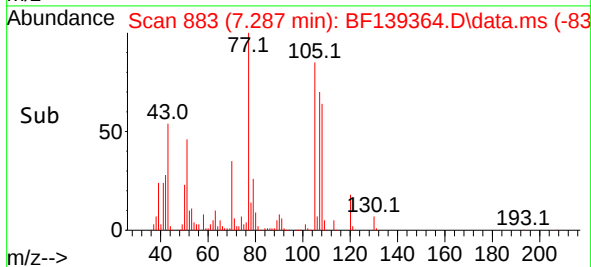
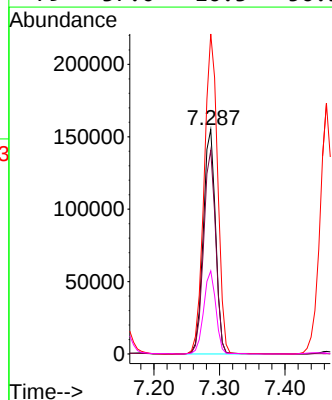
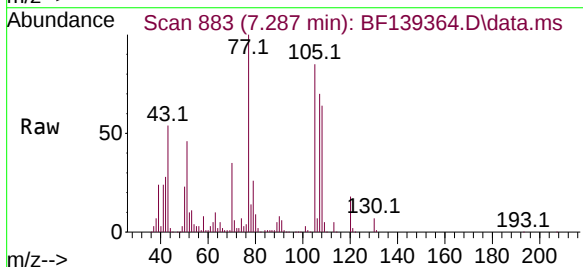
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

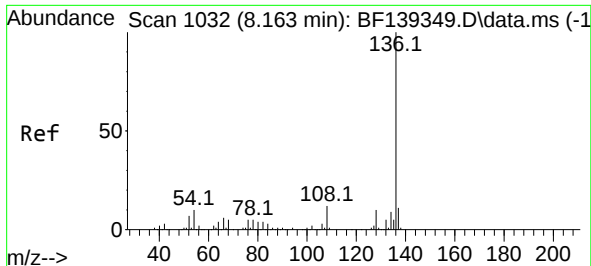
Tgt Ion:	70	Resp:	147767
Ion	Ratio	Lower	Upper
70	100		
42	79.4	61.2	91.8
101	9.4	7.5	11.3
130	19.7	15.8	23.8



#20
3+4-Methylphenols
Concen: 49.693 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:	107	Resp:	201820
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.6	108.6
77	142.6	101.6	141.6#
79	37.0	16.3	56.3

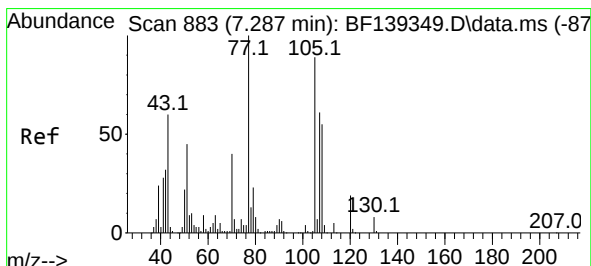
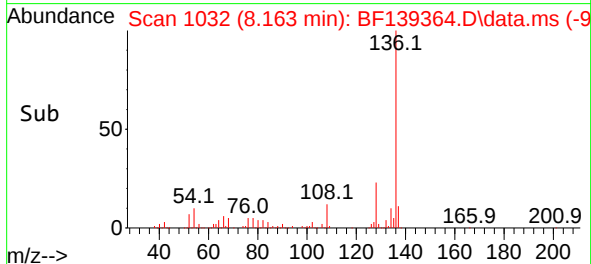
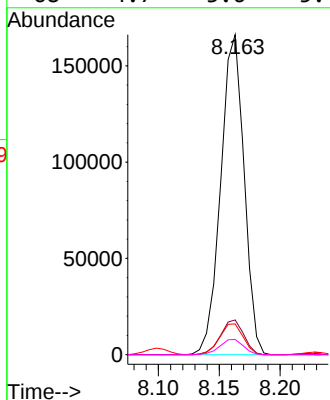
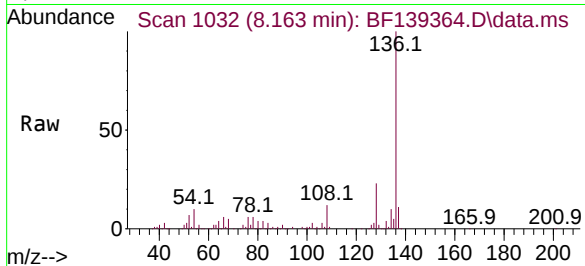




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

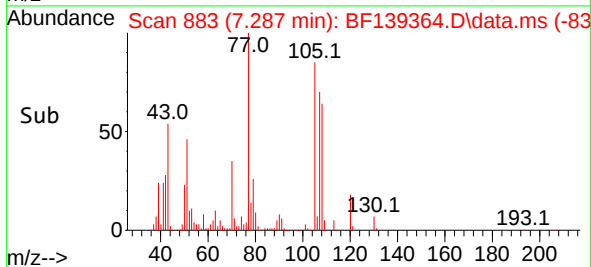
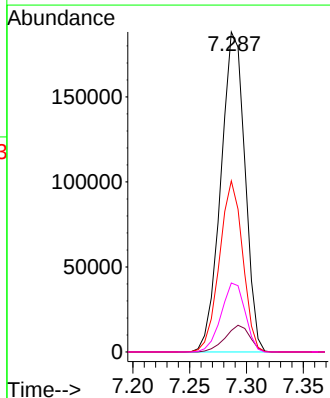
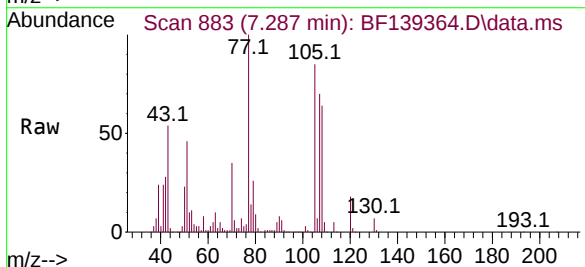
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

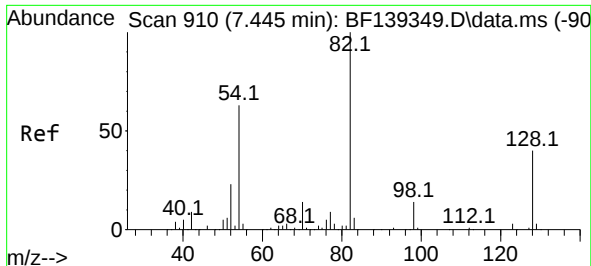
Tgt Ion:	136	Resp:	221995
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.6	7.8	11.8
68	4.7	3.6	5.4



#22
Acetophenone
Concen: 47.935 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:	105	Resp:	278198
Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.9	8.9
51	53.5	40.0	60.0
120	21.5	17.1	25.7





#23

Nitrobenzene-d5

Concen: 95.293 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

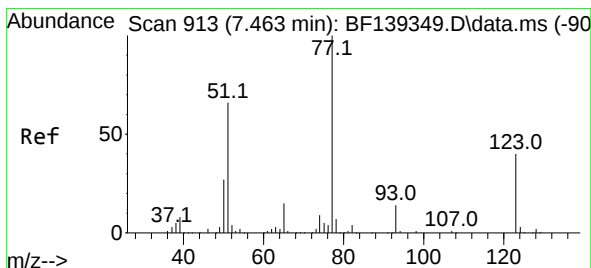
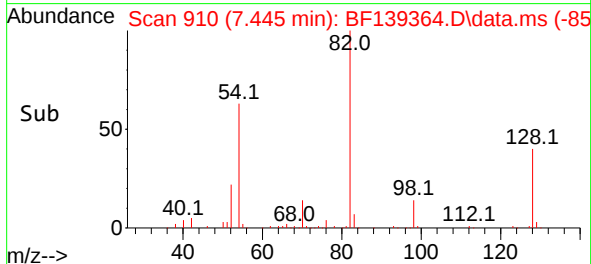
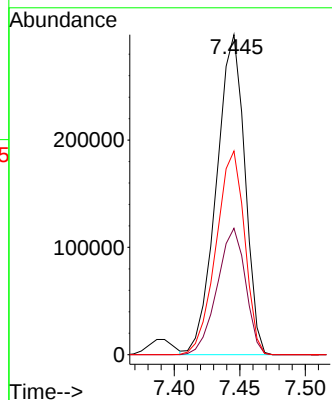
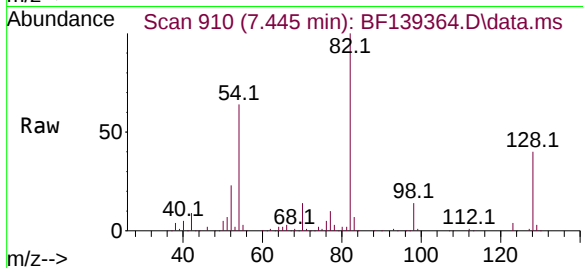
Tgt Ion: 82 Resp: 449986

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 63.6 50.6 75.8



#24

Nitrobenzene

Concen: 46.441 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

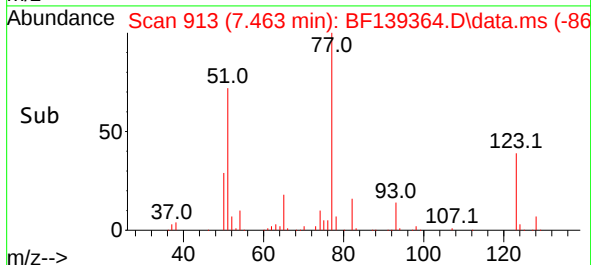
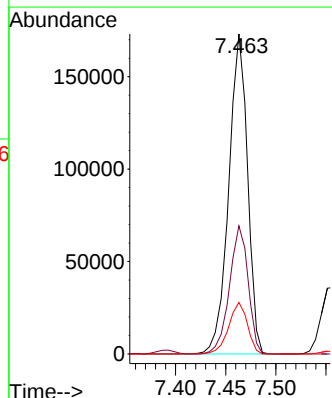
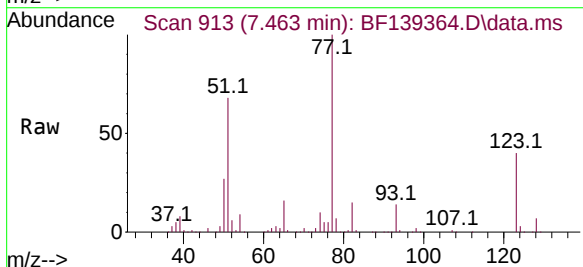
Tgt Ion: 77 Resp: 225707

Ion Ratio Lower Upper

77 100

123 40.0 32.2 48.4

65 16.1 12.2 18.4

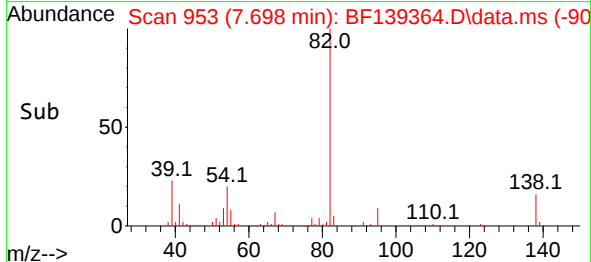
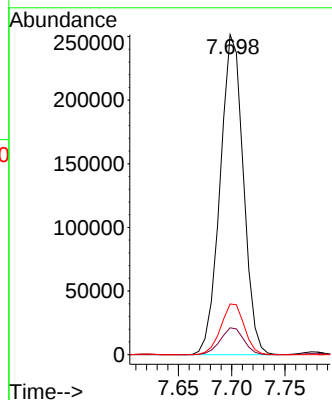
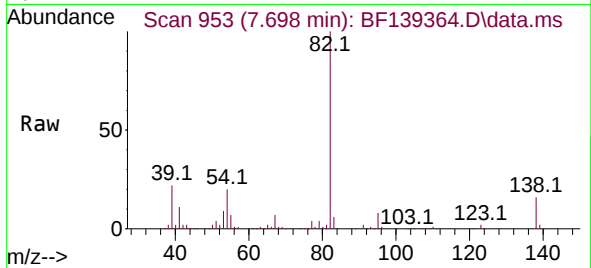




#25
Isophorone
Concen: 51.032 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

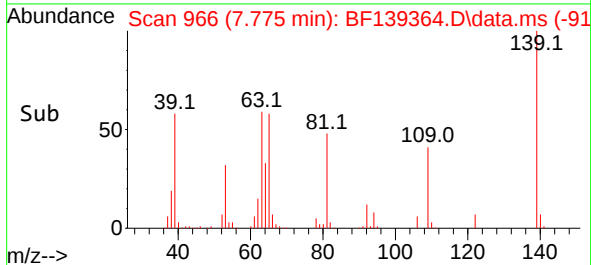
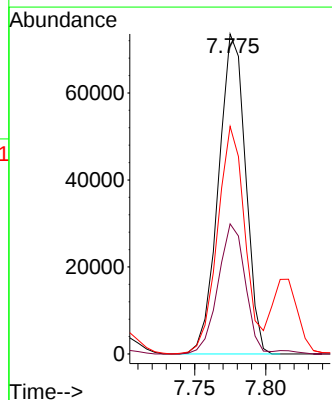
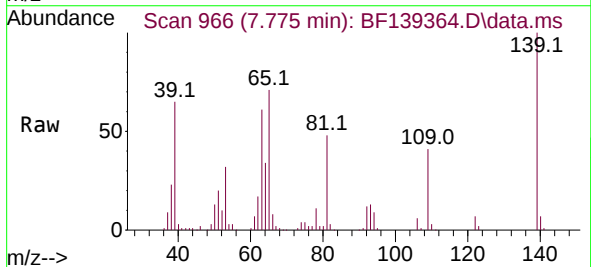
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

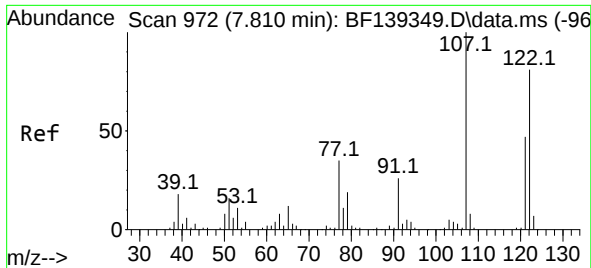
Tgt Ion: 82 Resp: 381110
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 15.8 13.3 19.9



#26
2-Nitrophenol
Concen: 51.541 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:139 Resp: 97592
Ion Ratio Lower Upper
139 100
109 40.6 32.2 48.2
65 71.1 55.8 83.8

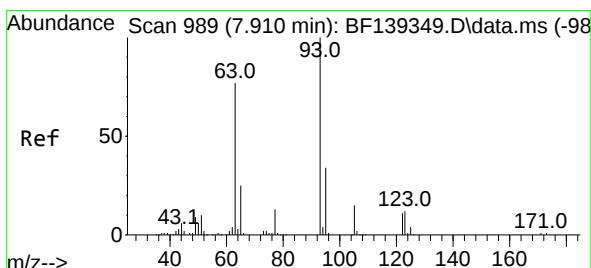
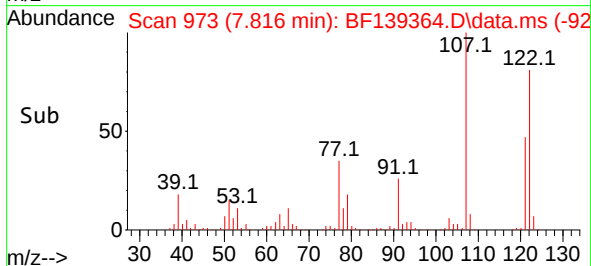
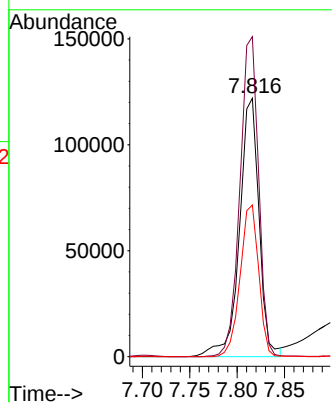
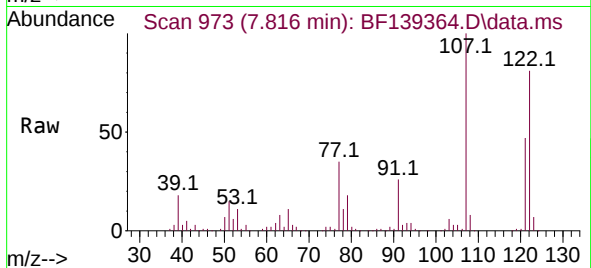




#27
2,4-Dimethylphenol
Concen: 70.086 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

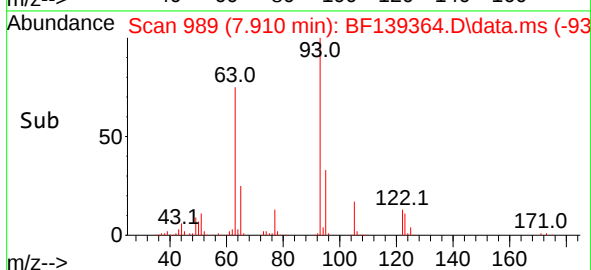
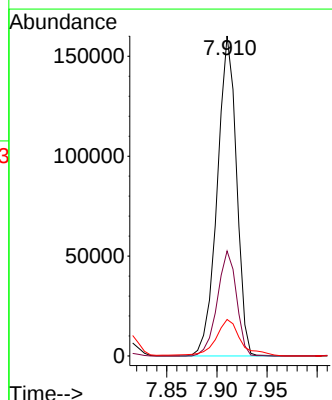
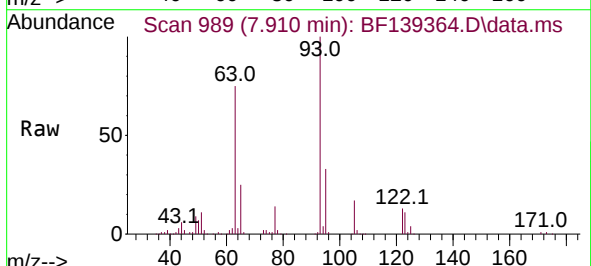
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

Tgt Ion:122 Resp: 175051
Ion Ratio Lower Upper
122 100
107 123.9 99.1 148.7
121 58.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.227 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion: 93 Resp: 213780
Ion Ratio Lower Upper
93 100
95 32.8 26.9 40.3
123 11.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 49.364 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

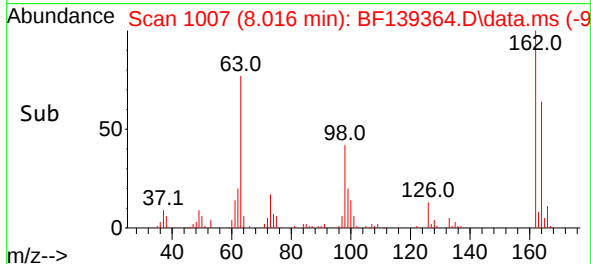
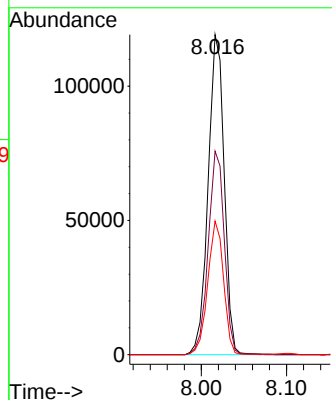
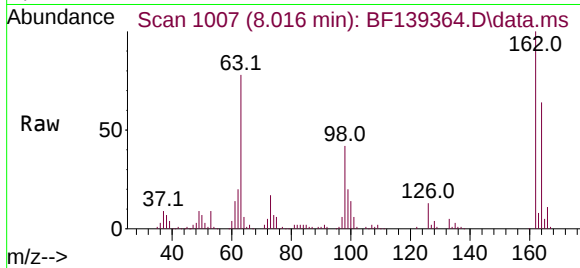
Tgt Ion:162 Resp: 156630

Ion Ratio Lower Upper

162 100

164 63.6 43.6 83.6

98 41.8 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 45.874 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

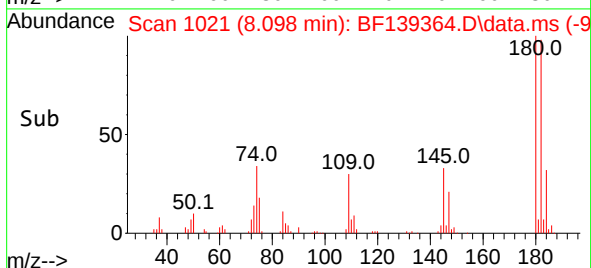
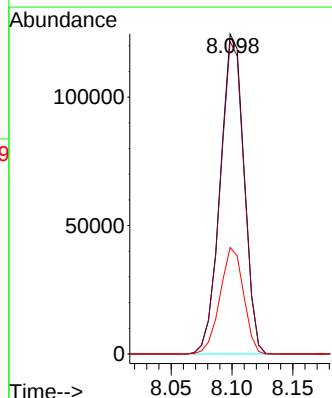
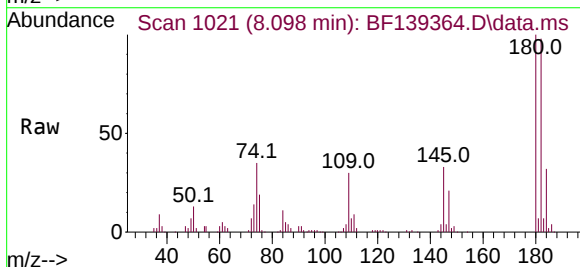
Tgt Ion:180 Resp: 169599

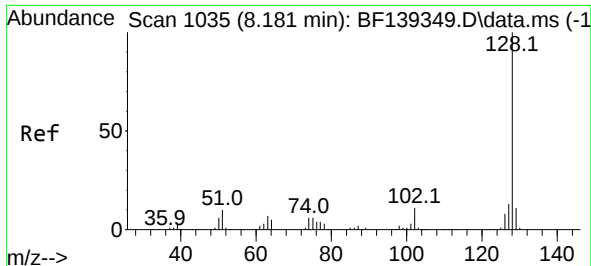
Ion Ratio Lower Upper

180 100

182 97.6 75.7 113.5

145 33.2 26.5 39.7

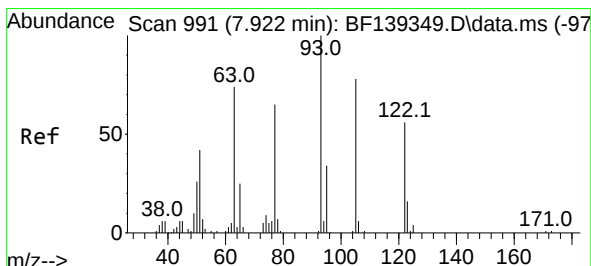
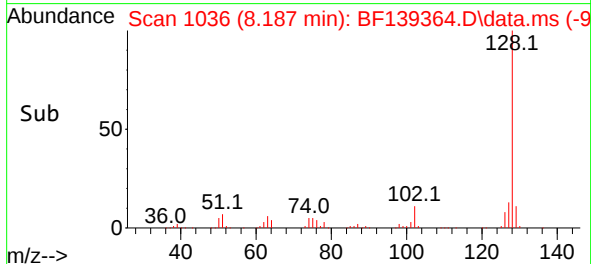
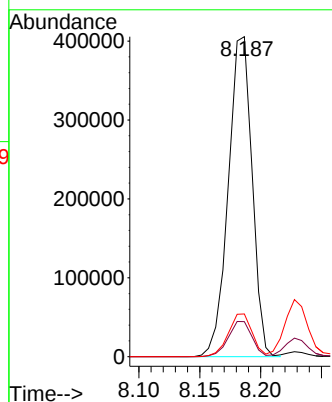
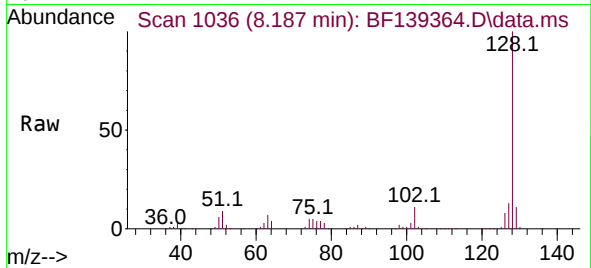




#31
Naphthalene
Concen: 47.615 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

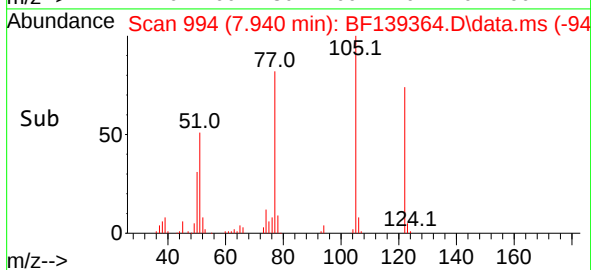
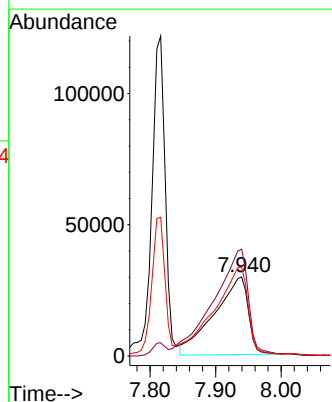
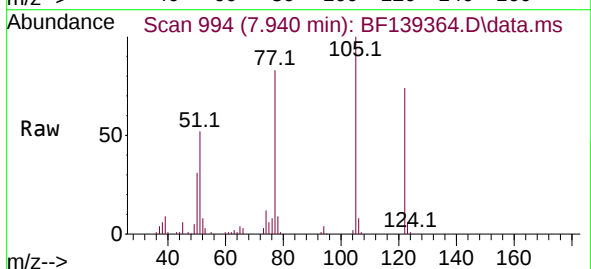
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

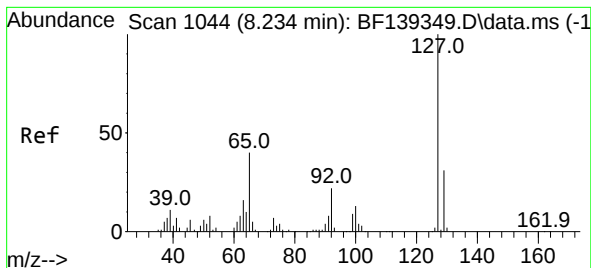
Tgt Ion:128 Resp: 551831
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 45.557 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:122 Resp: 106484
Ion Ratio Lower Upper
122 100
105 134.9 117.1 157.1
77 112.5 95.4 135.4





#33

4-Chloroaniline

Concen: 27.708 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

Tgt Ion:127 Resp: 98237

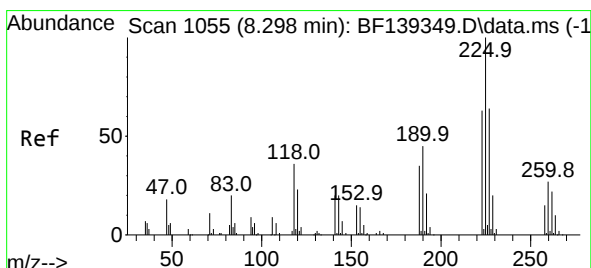
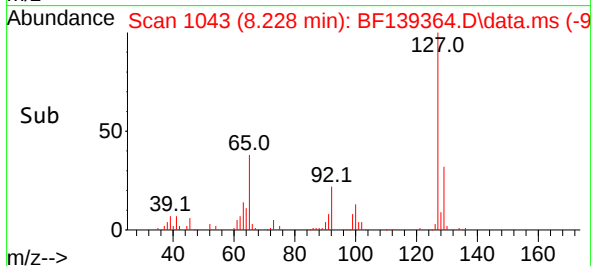
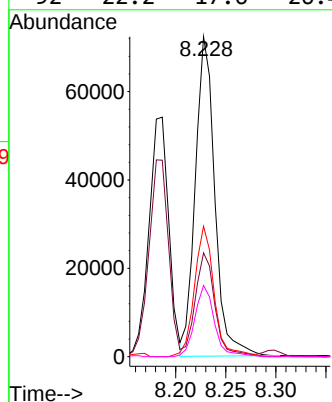
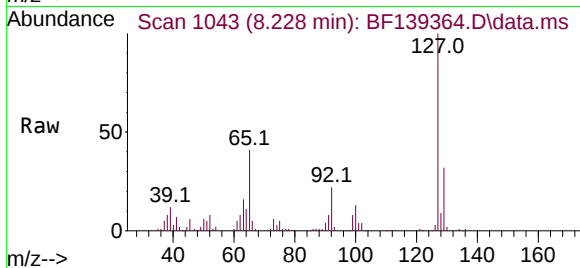
Ion Ratio Lower Upper

127 100

129 32.5 25.5 38.3

65 40.8 31.5 47.3

92 22.2 17.6 26.4



#34

Hexachlorobutadiene

Concen: 45.808 ng

RT: 8.298 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

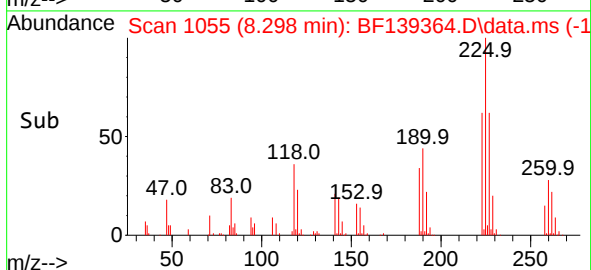
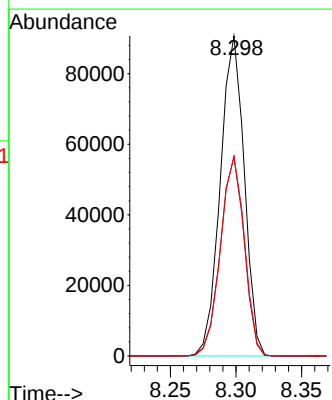
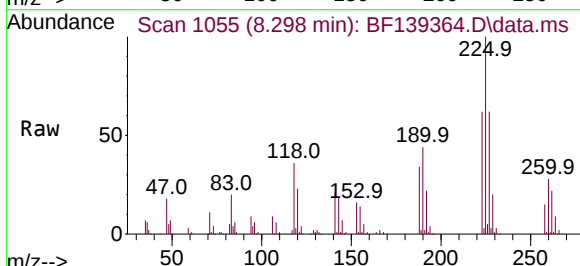
Tgt Ion:225 Resp: 115057

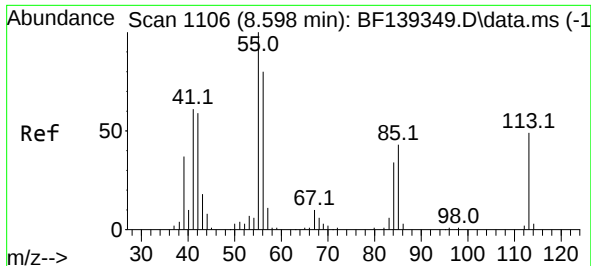
Ion Ratio Lower Upper

225 100

223 62.2 50.1 75.1

227 62.4 51.0 76.6

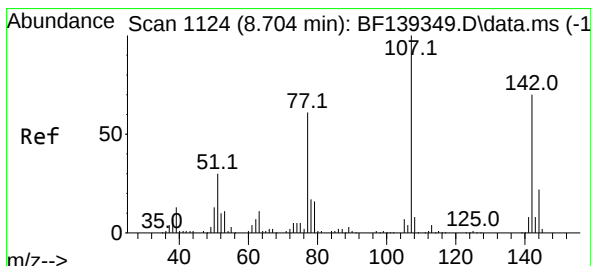
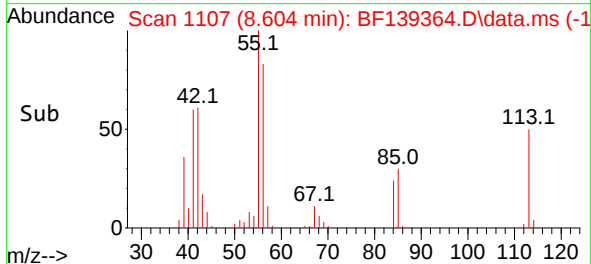
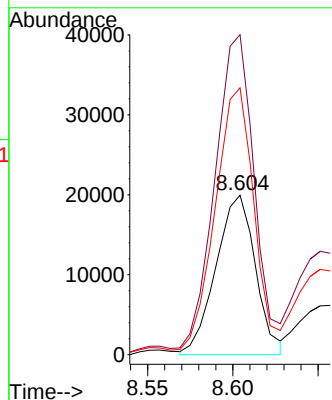
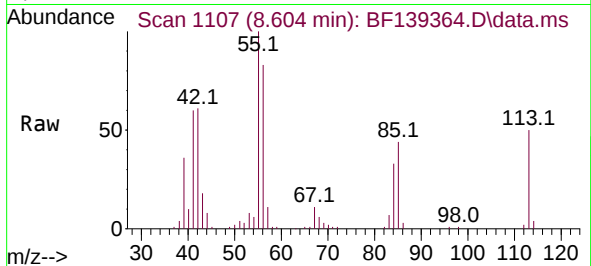




#35
 Caprolactam
 Concen: 32.990 ng
 RT: 8.604 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF139364.D
 Acq: 14 Sep 2024 12:47

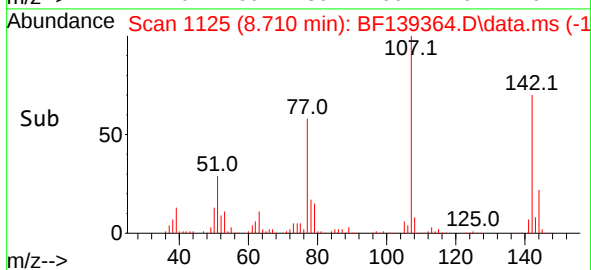
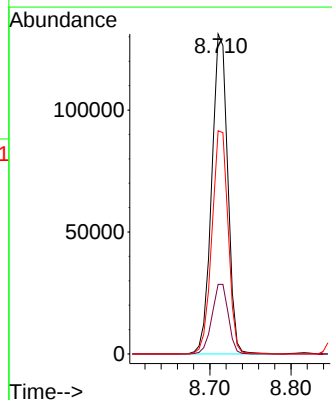
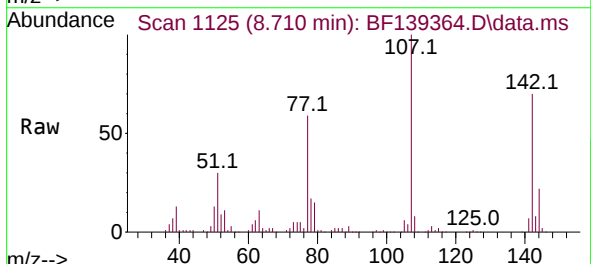
Instrument :
 BNA_F
 ClientSampleId :
 PB163344BSD

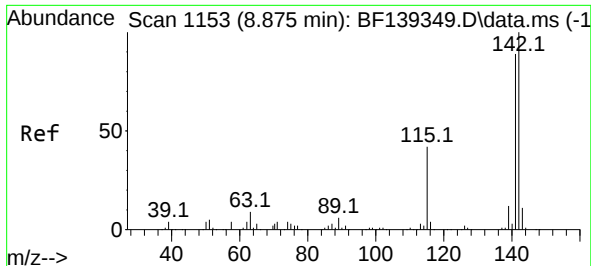
Tgt Ion:113 Resp: 32200
 Ion Ratio Lower Upper
 113 100
 55 200.6 186.1 226.1
 56 167.3 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.472 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139364.D
 Acq: 14 Sep 2024 12:47

Tgt Ion:107 Resp: 179398
 Ion Ratio Lower Upper
 107 100
 144 21.8 17.5 26.3
 142 69.7 55.8 83.8

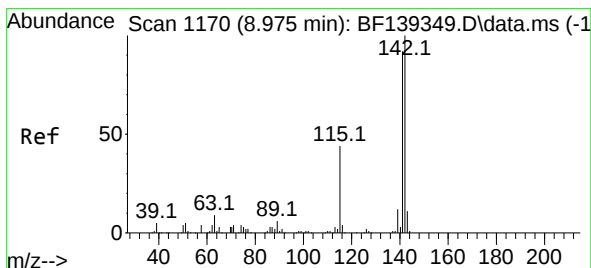
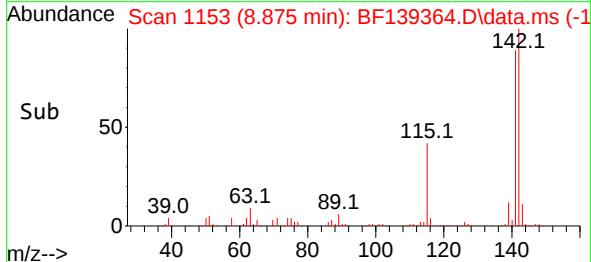
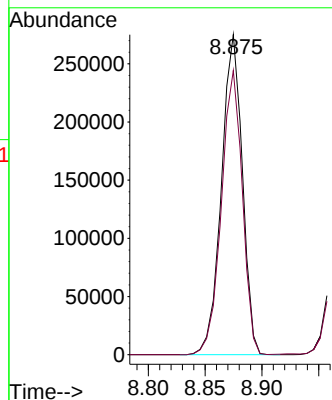
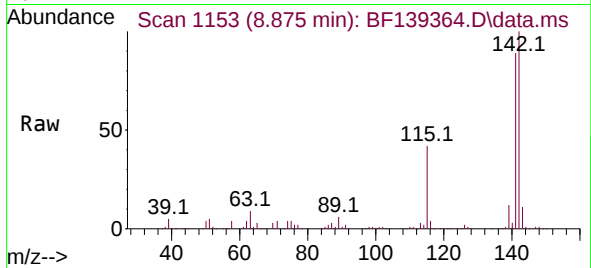




#37
2-Methylnaphthalene
Concen: 47.897 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

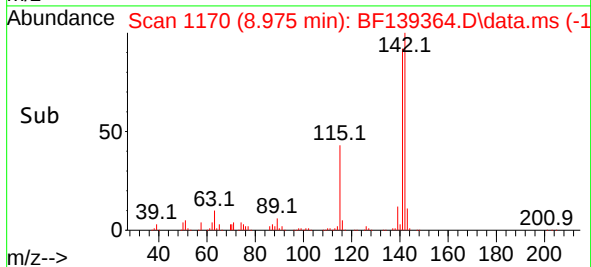
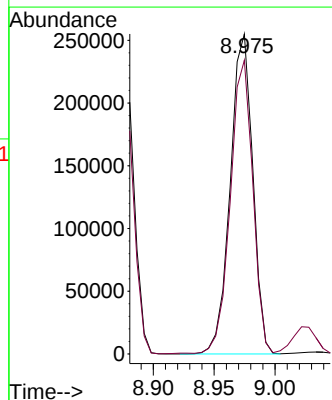
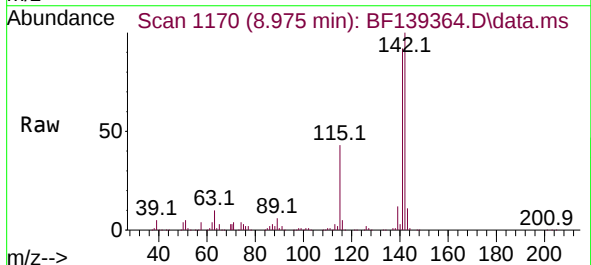
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

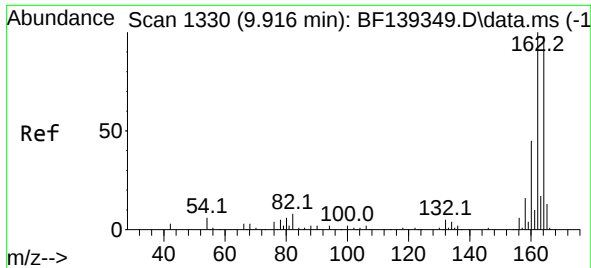
Tgt Ion:142 Resp: 352340
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4



#38
1-Methylnaphthalene
Concen: 45.446 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:142 Resp: 328214
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

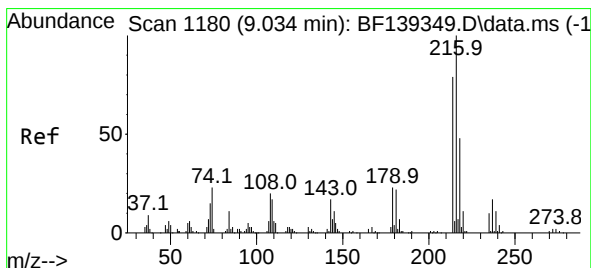
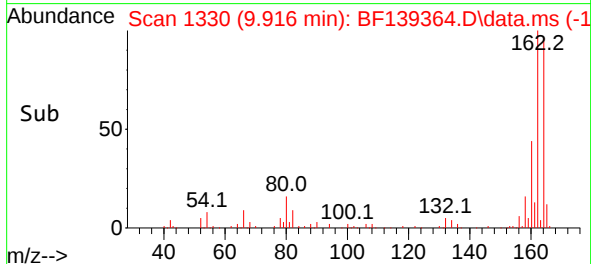
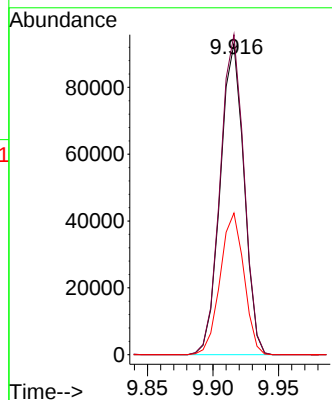
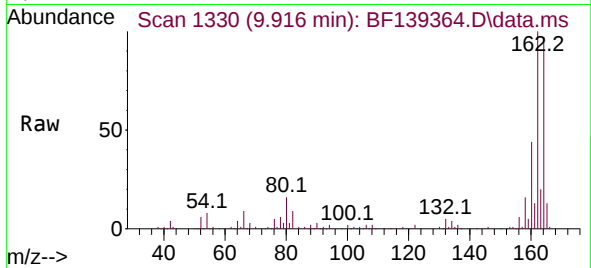
Tgt Ion:164 Resp: 116979

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

160 45.5 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.364 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Tgt Ion:216 Resp: 174606

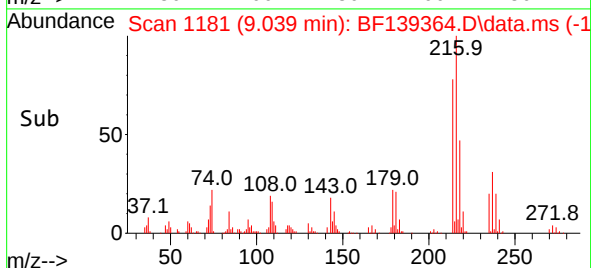
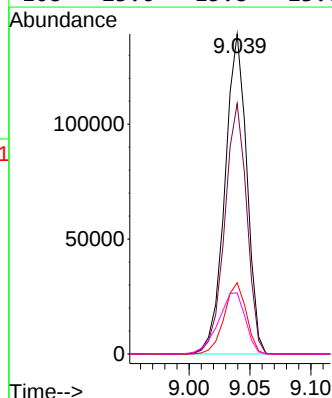
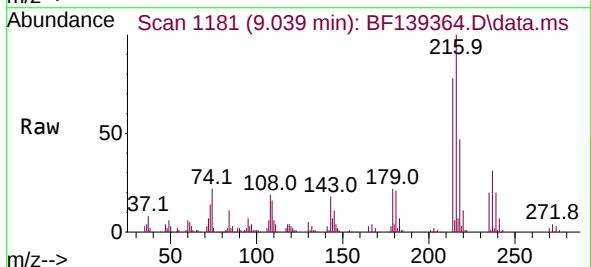
Ion Ratio Lower Upper

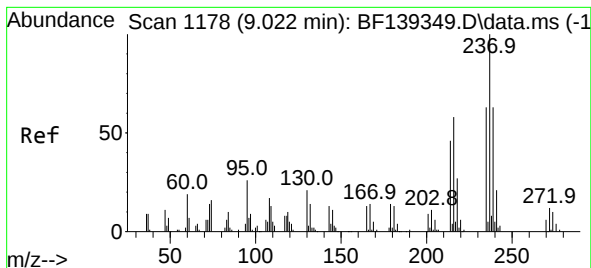
216 100

214 78.5 63.4 95.0

179 22.3 18.2 27.2

108 23.6 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 196.641 ng

RT: 9.028 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

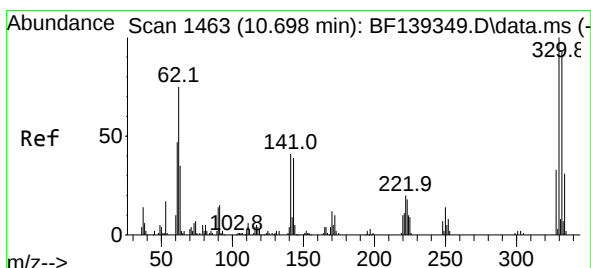
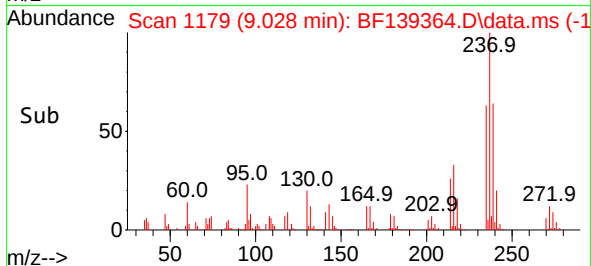
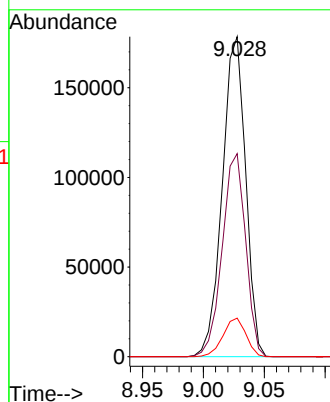
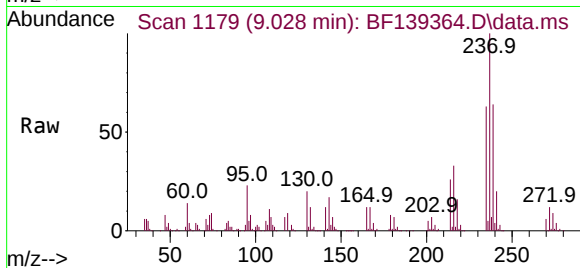
Tgt Ion:237 Resp: 238032

Ion Ratio Lower Upper

237 100

235 63.4 42.7 82.7

272 12.1 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 100.317 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

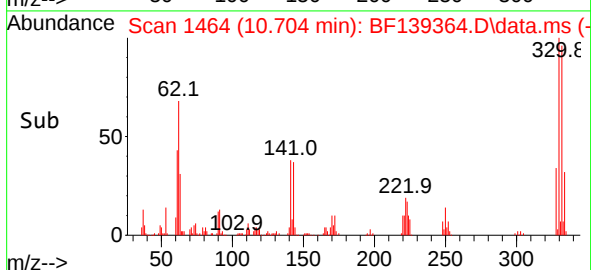
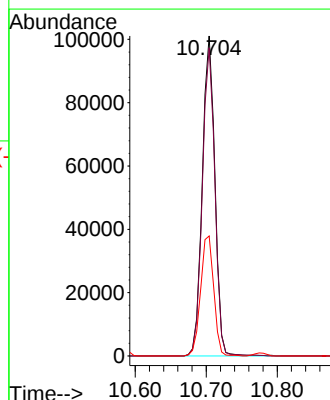
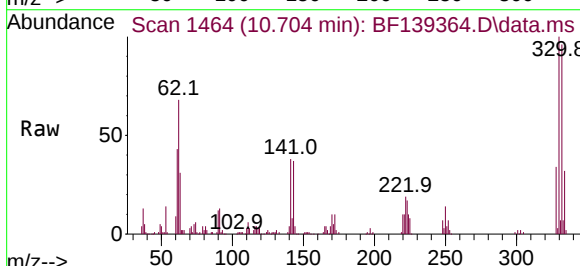
Tgt Ion:330 Resp: 124933

Ion Ratio Lower Upper

330 100

332 95.9 75.2 112.8

141 39.2 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 53.404 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

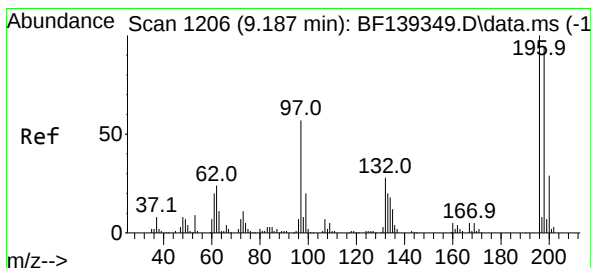
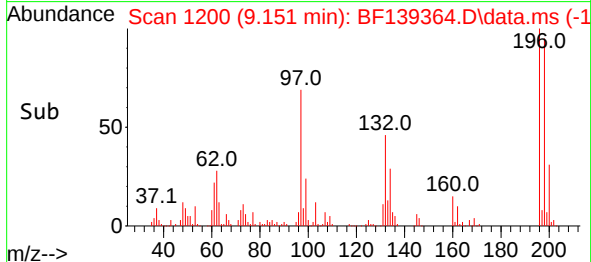
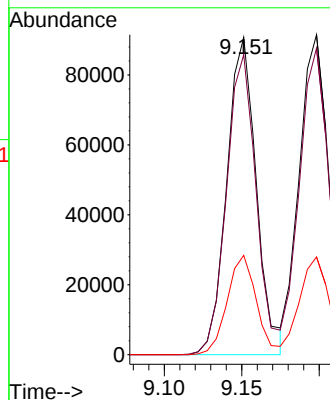
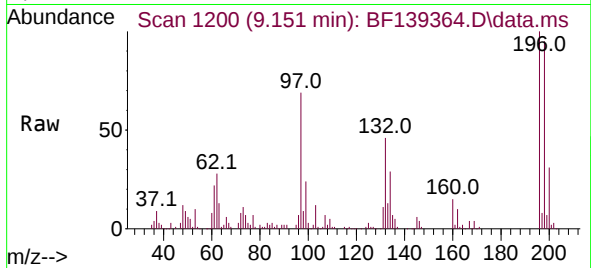
Tgt Ion:196 Resp: 120455

Ion Ratio Lower Upper

196 100

198 94.5 75.8 113.6

200 31.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 50.808 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Tgt Ion:196 Resp: 120884

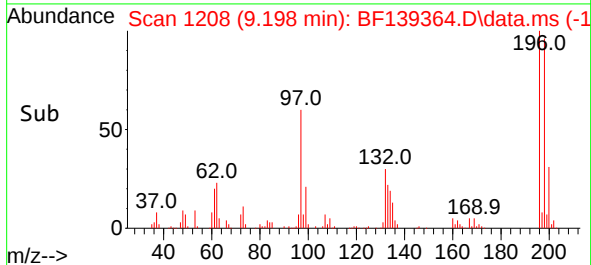
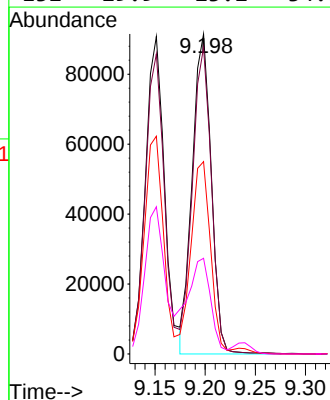
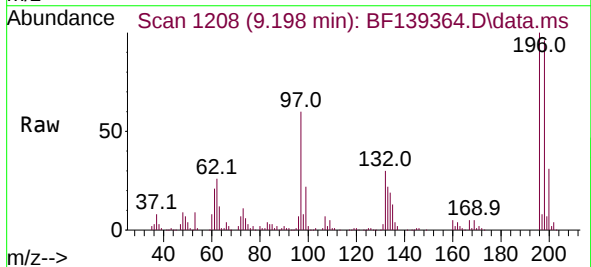
Ion Ratio Lower Upper

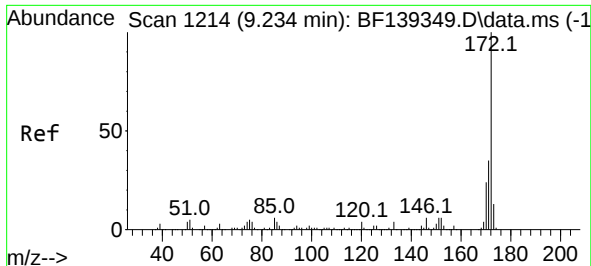
196 100

198 95.8 74.8 112.2

97 60.1 47.3 70.9

132 29.9 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 99.997 ng

RT: 9.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

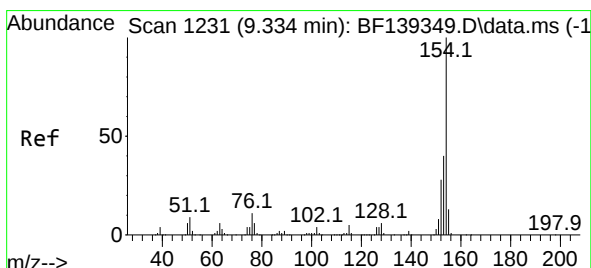
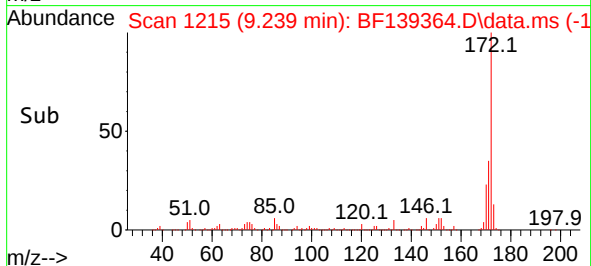
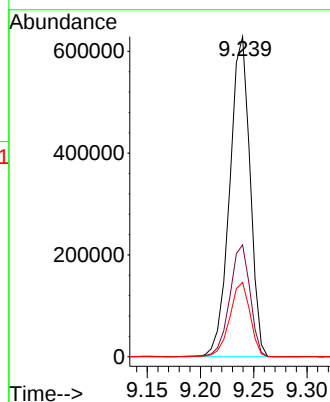
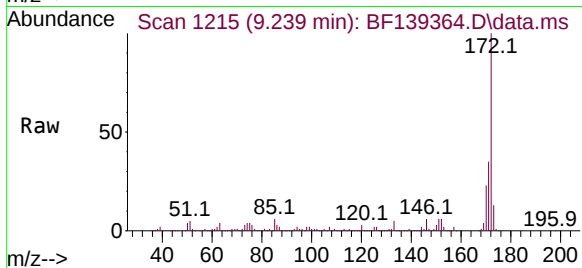
Tgt Ion:172 Resp: 834035

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.355 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

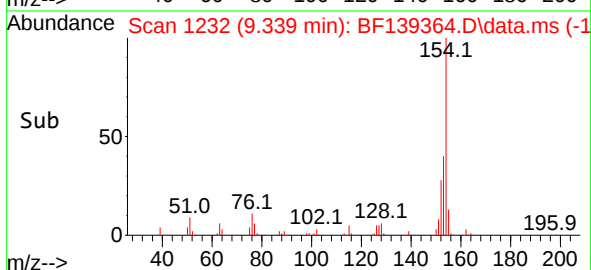
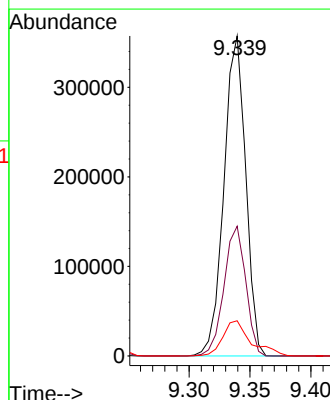
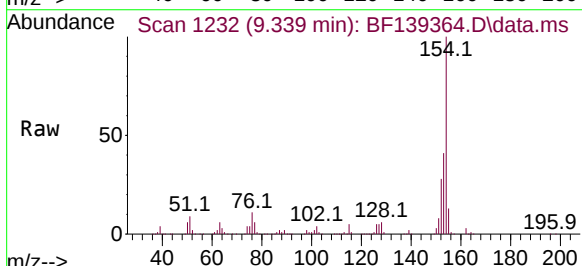
Tgt Ion:154 Resp: 444169

Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 49.901 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

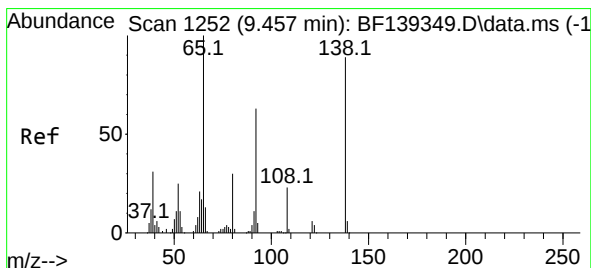
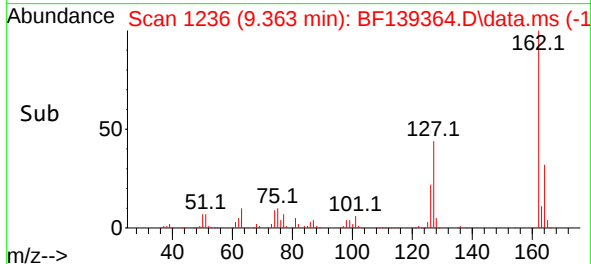
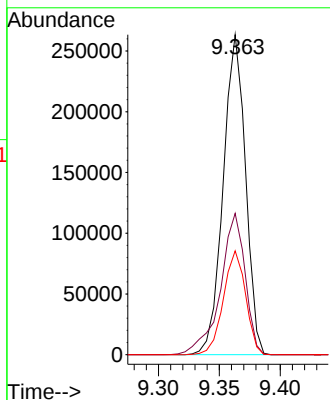
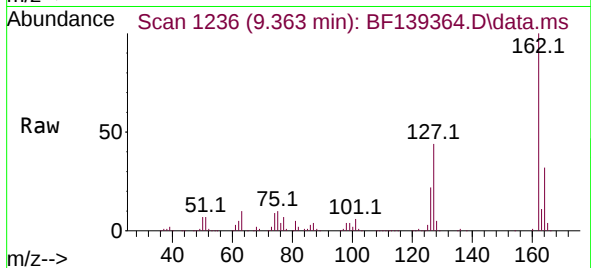
Tgt Ion:162 Resp: 335782

Ion Ratio Lower Upper

162 100

127 44.1 35.0 52.4

164 32.4 25.8 38.6



#48

2-Nitroaniline

Concen: 53.063 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

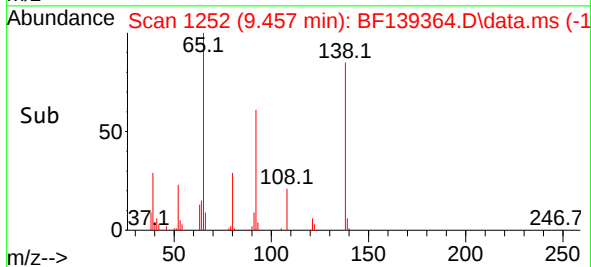
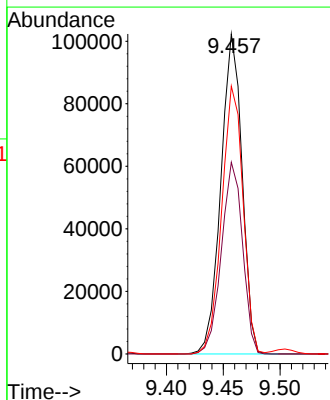
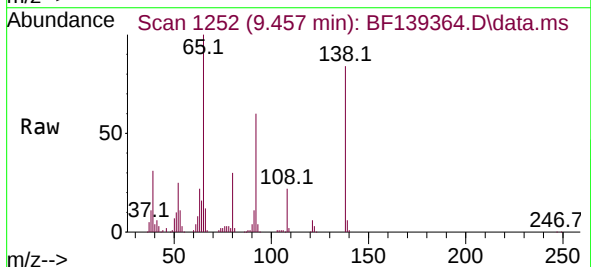
Tgt Ion: 65 Resp: 132807

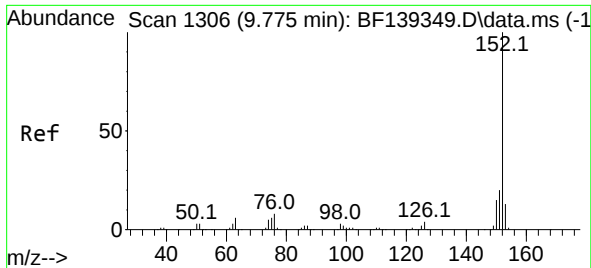
Ion Ratio Lower Upper

65 100

92 59.9 50.3 75.5

138 83.7 71.3 106.9

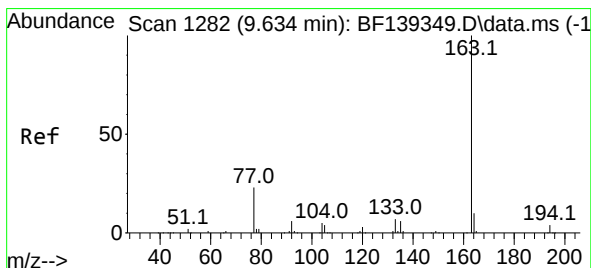
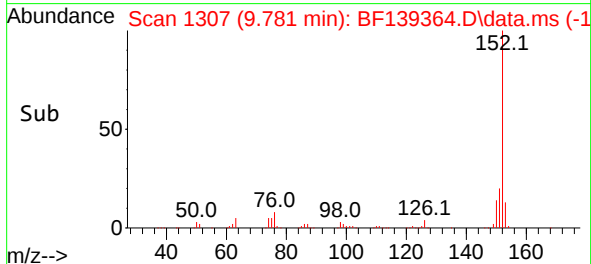
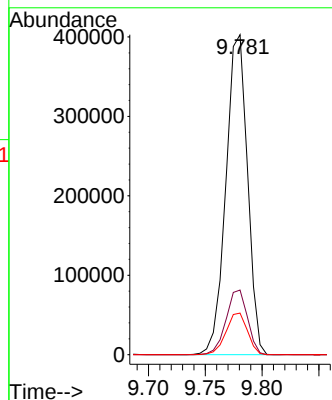
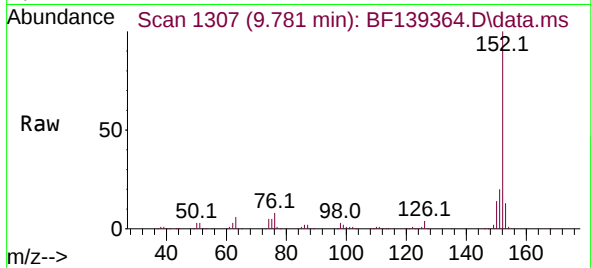




#49
Acenaphthylene
Concen: 52.515 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

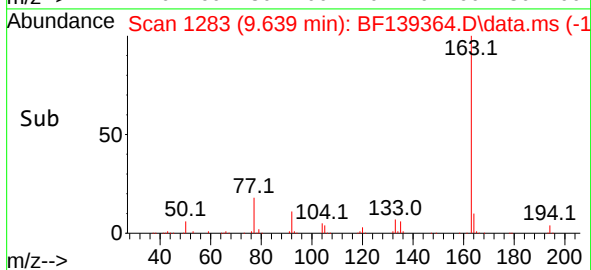
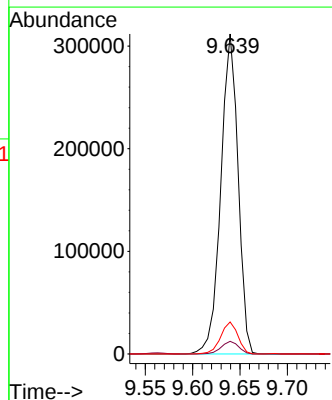
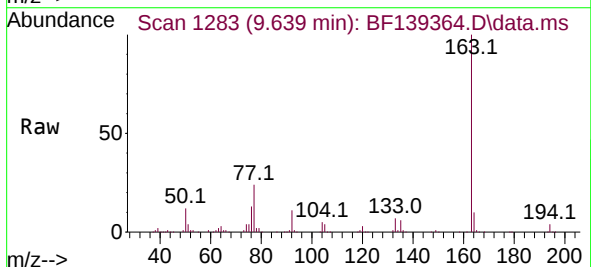
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

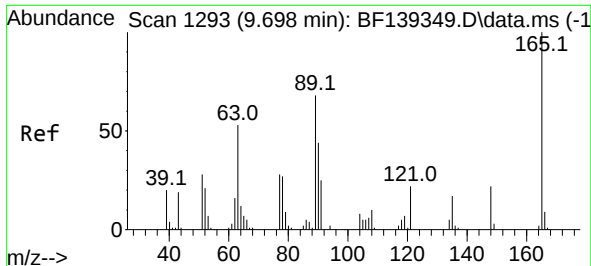
Tgt Ion:152 Resp: 531926
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.0 10.3 15.5



#50
Dimethylphthalate
Concen: 51.543 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:163 Resp: 395742
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2

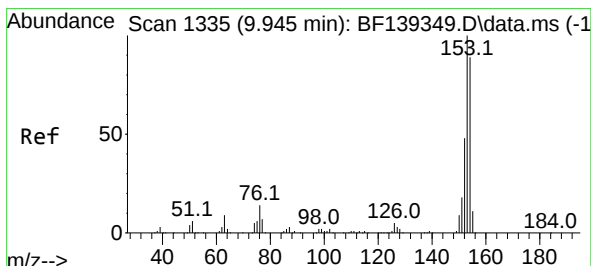
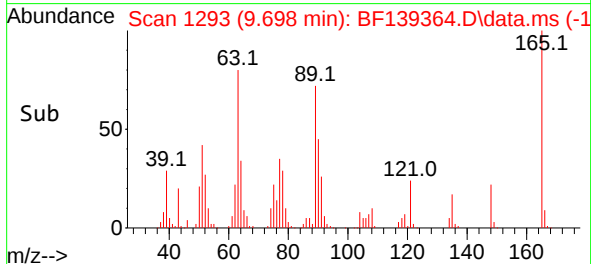
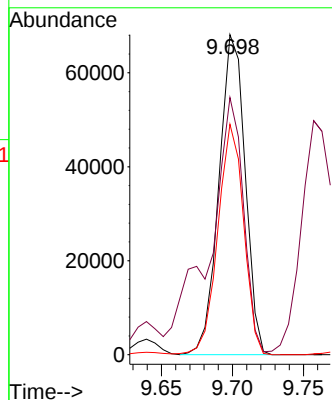
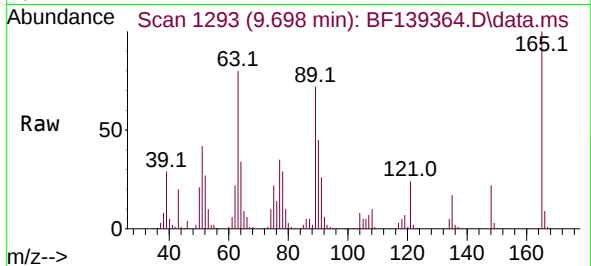




#51
2,6-Dinitrotoluene
Concen: 51.236 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

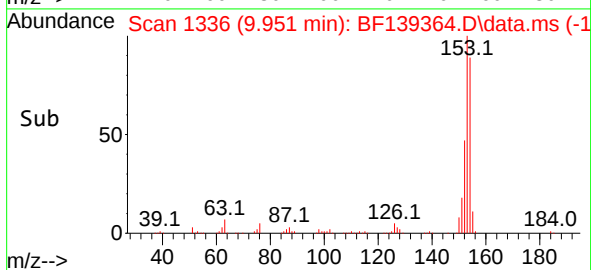
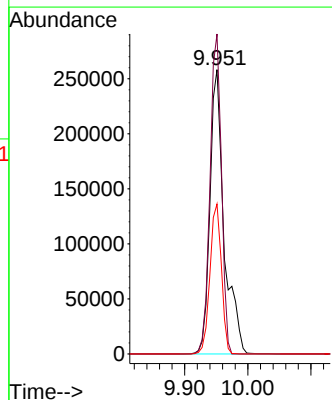
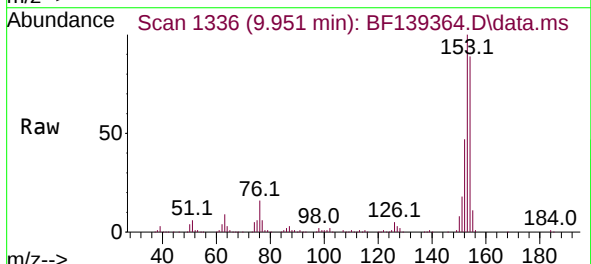
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

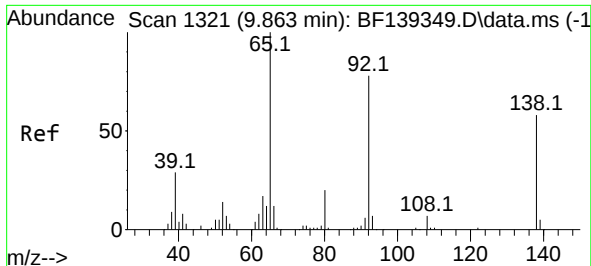
Tgt Ion:165 Resp: 87147
Ion Ratio Lower Upper
165 100
63 80.3 60.9 91.3
89 72.0 54.7 82.1



#52
Acenaphthene
Concen: 56.886 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:154 Resp: 402145
Ion Ratio Lower Upper
154 100
153 112.5 89.5 134.3
152 52.7 42.6 64.0

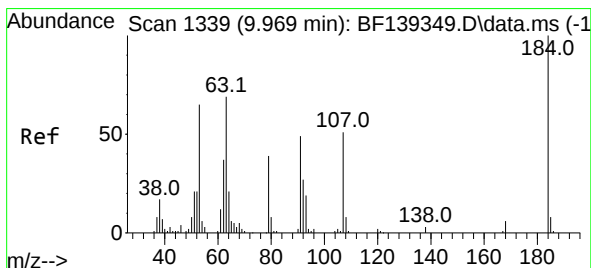
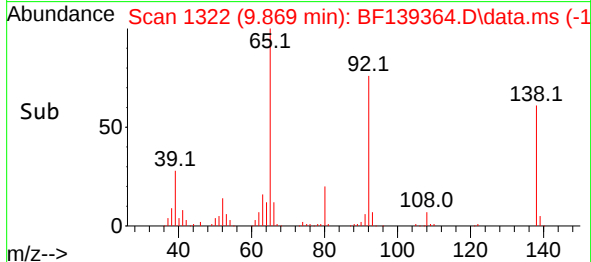
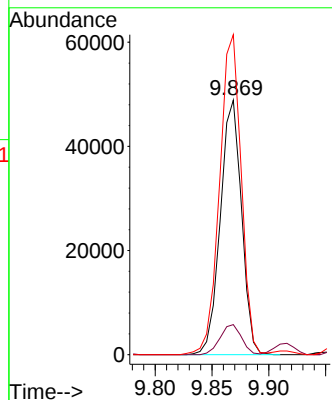
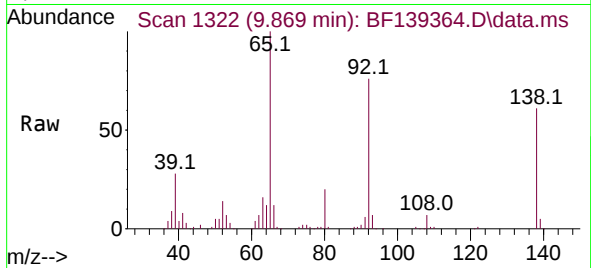




#53
3-Nitroaniline
Concen: 37.326 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

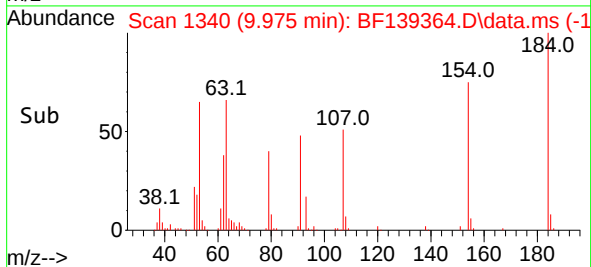
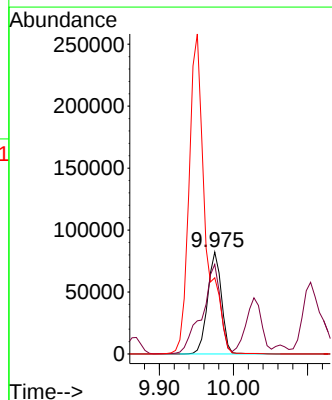
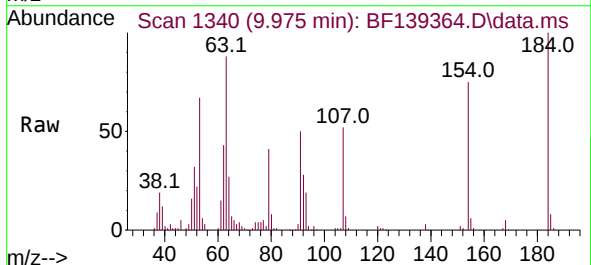
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

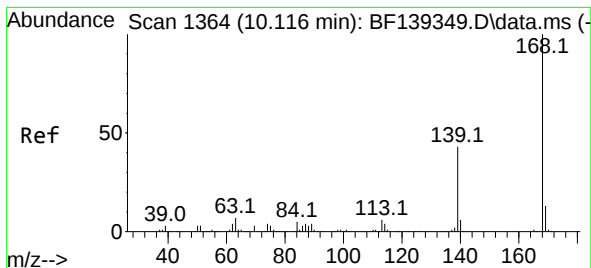
Tgt Ion:138 Resp: 63447
Ion Ratio Lower Upper
138 100
108 11.8 9.8 14.8
92 125.7 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 113.644 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:184 Resp: 107708
Ion Ratio Lower Upper
184 100
63 87.8 69.3 103.9
154 74.8 67.5 101.3





#55

Dibenzofuran

Concen: 50.589 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

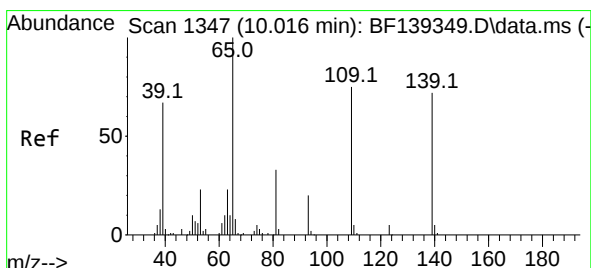
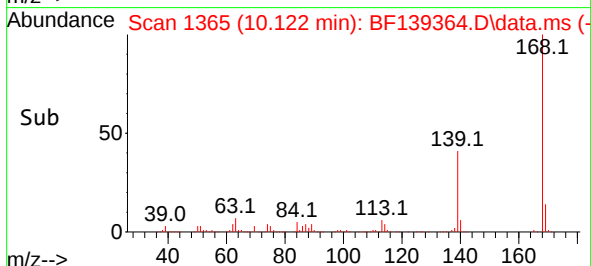
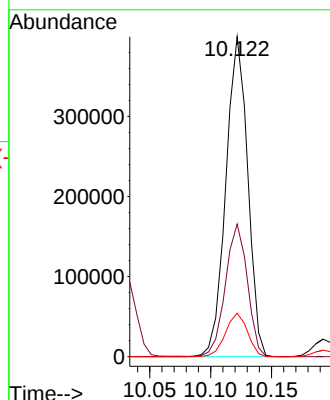
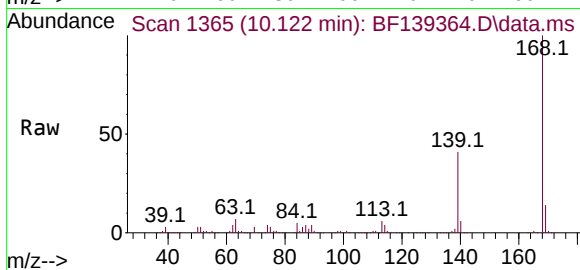
Tgt Ion:168 Resp: 498465

Ion Ratio Lower Upper

168 100

139 41.5 34.1 51.1

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 107.427 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

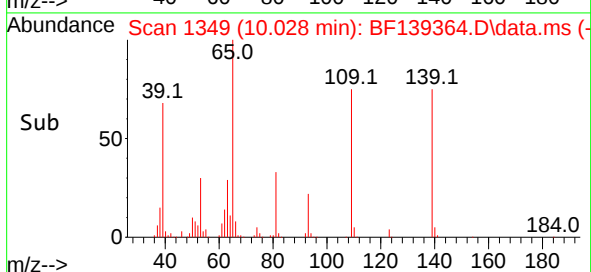
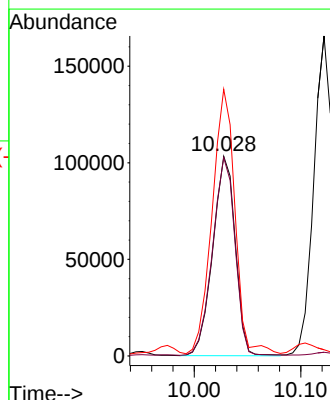
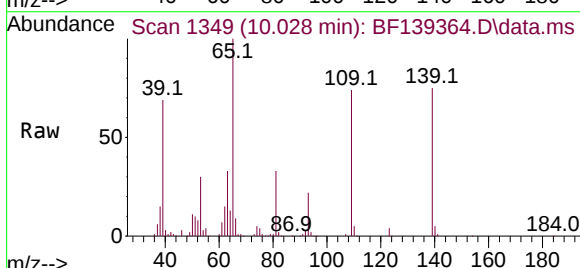
Tgt Ion:139 Resp: 151099

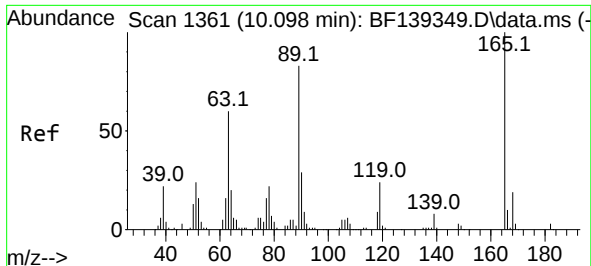
Ion Ratio Lower Upper

139 100

109 99.3 84.1 124.1

65 133.6 120.0 160.0

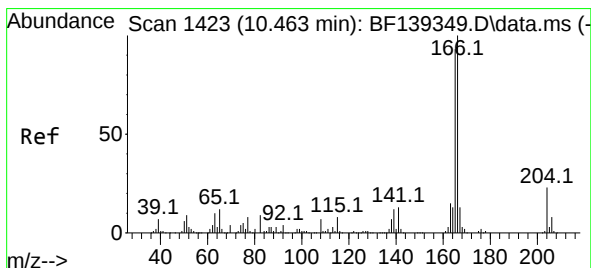
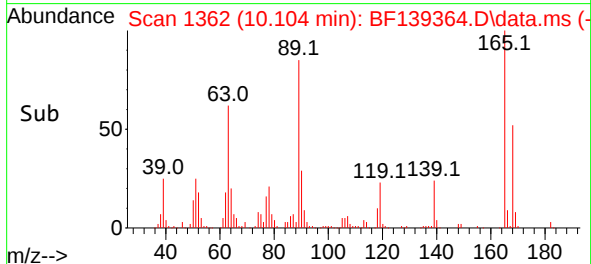
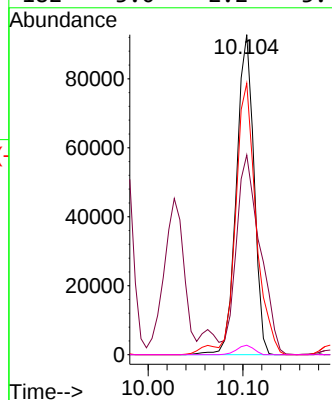
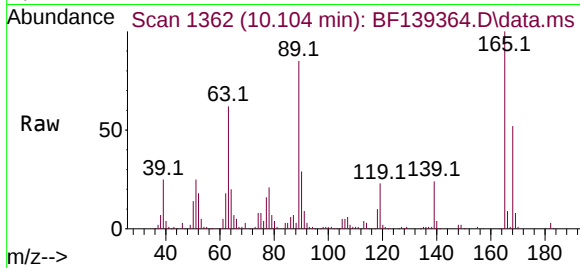




#57
2,4-Dinitrotoluene
Concen: 51.692 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

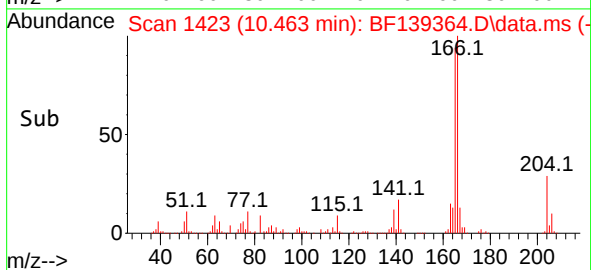
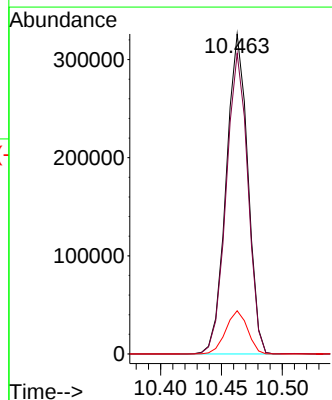
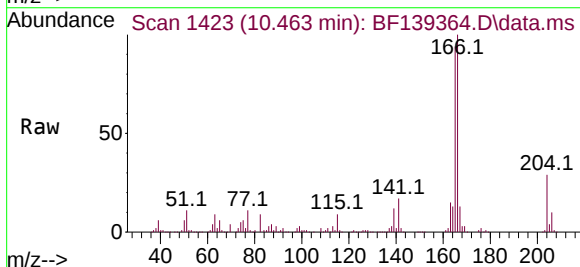
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

Tgt Ion:165 Resp: 118701
Ion Ratio Lower Upper
165 100
63 62.4 47.8 71.6
89 84.8 66.7 100.1
182 3.0 2.2 3.4



#58
Fluorene
Concen: 50.176 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:166 Resp: 403390
Ion Ratio Lower Upper
166 100
165 94.0 74.5 111.7
167 13.5 10.6 16.0

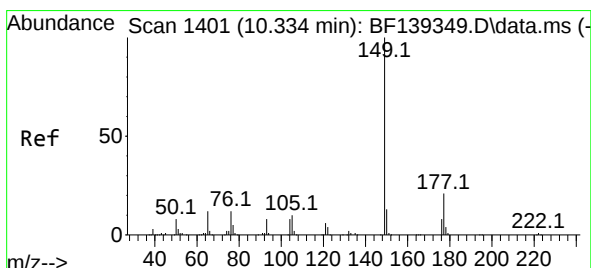
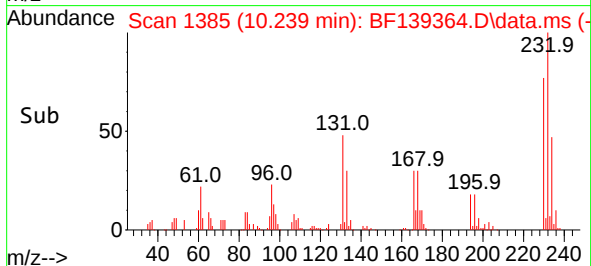
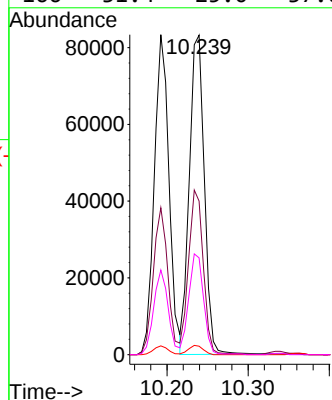
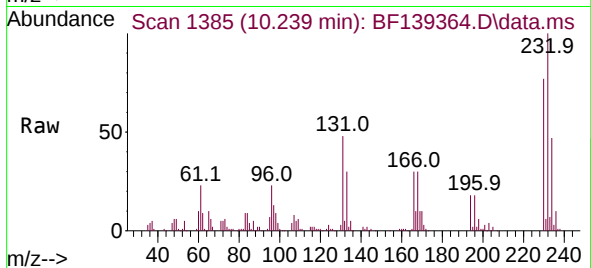




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.324 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

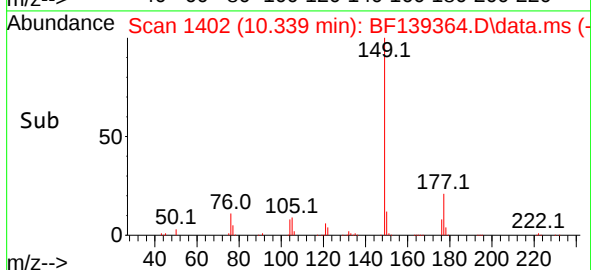
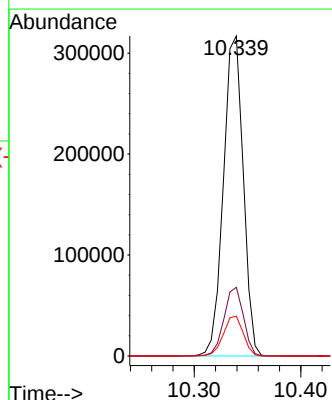
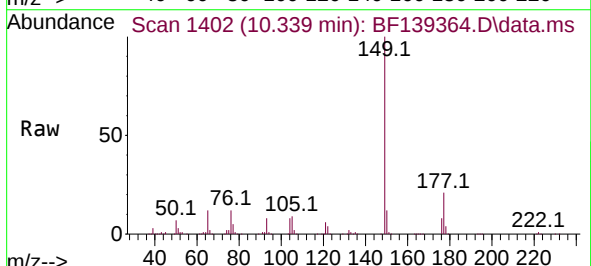
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

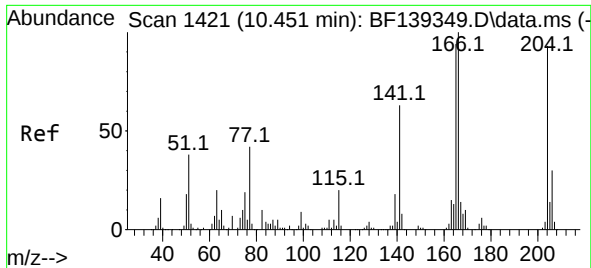
Tgt Ion:232 Resp: 106917
Ion Ratio Lower Upper
232 100
131 50.7 40.7 61.1
130 2.8 2.2 3.2
166 31.4 25.0 37.6



#60
Diethylphthalate
Concen: 51.642 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:149 Resp: 409170
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 12.5 10.6 15.8

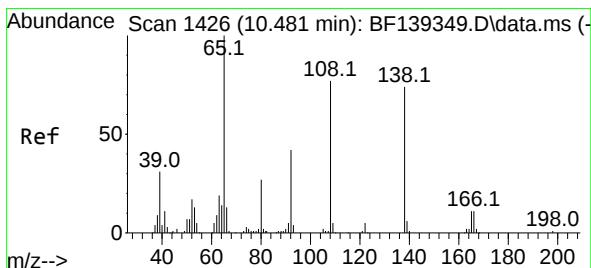
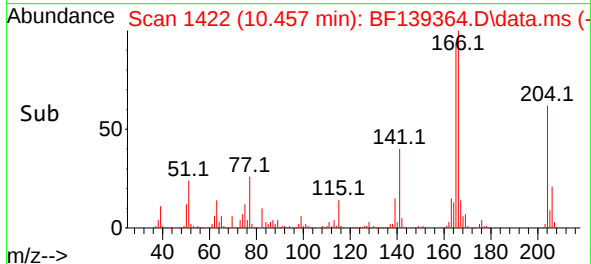
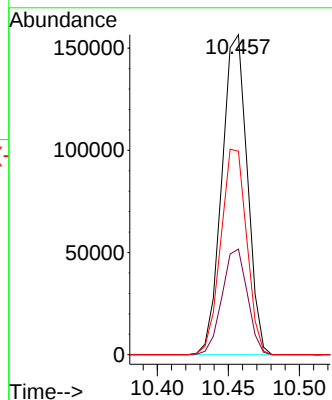
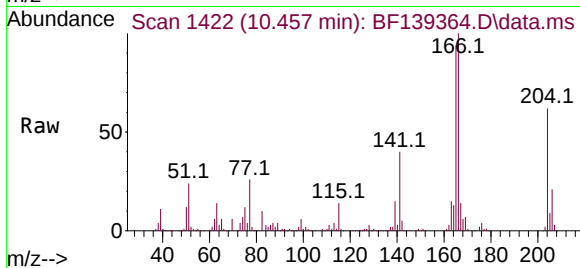




#61
4-Chlorophenyl-phenylether
Concen: 49.934 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

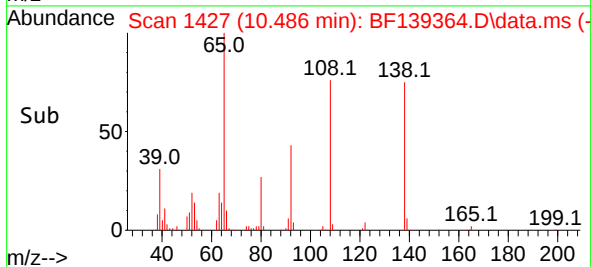
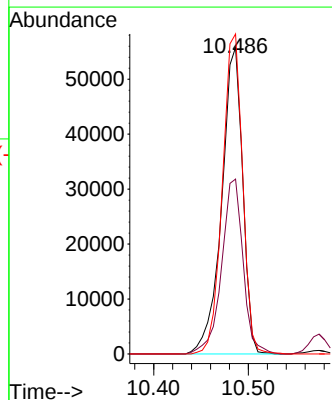
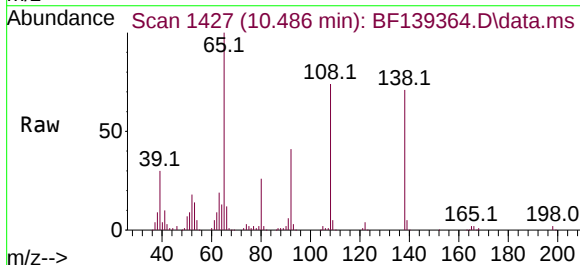
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

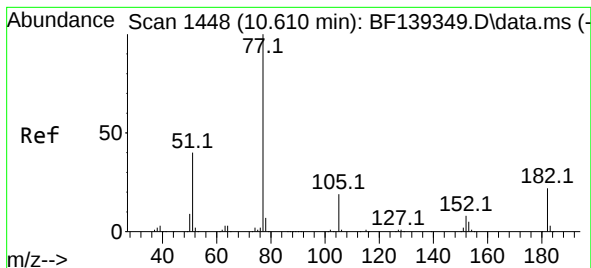
Tgt Ion:204 Resp: 195095
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 63.6 53.9 80.9



#62
4-Nitroaniline
Concen: 46.282 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:138 Resp: 85862
Ion Ratio Lower Upper
138 100
92 57.0 37.0 77.0
108 104.4 84.4 124.4





#63

Azobenzene

Concen: 51.348 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

Tgt Ion: 77 Resp: 400151

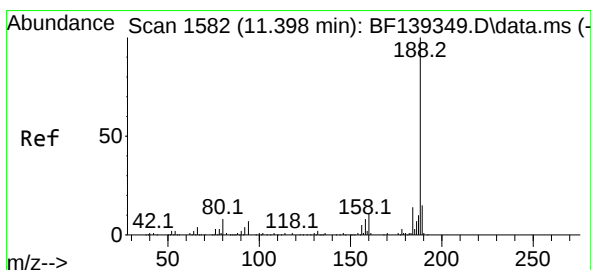
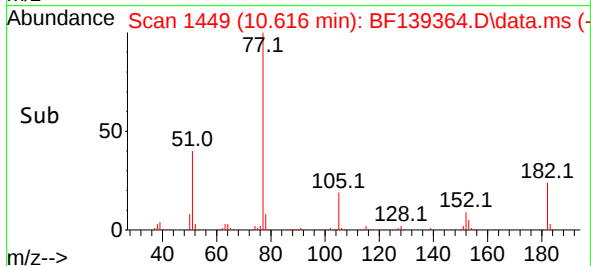
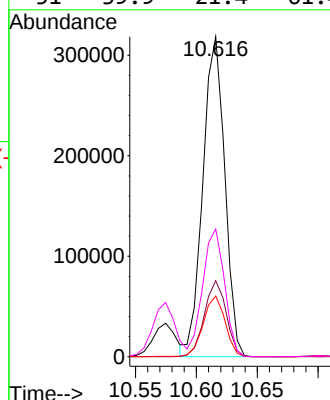
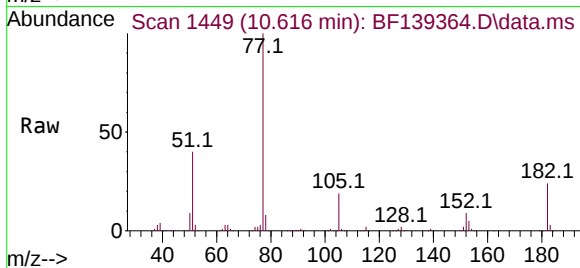
Ion Ratio Lower Upper

77 100

182 23.8 1.8 41.8

105 19.0 0.0 38.6

51 39.9 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

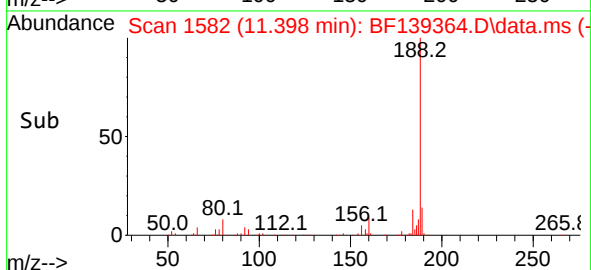
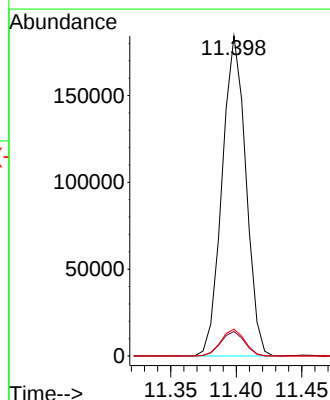
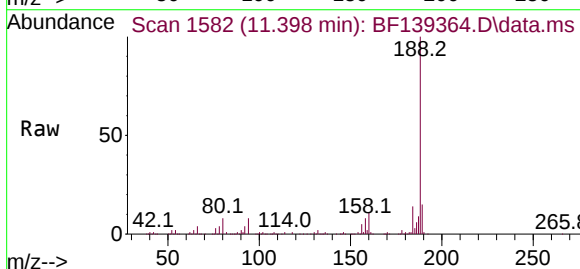
Tgt Ion:188 Resp: 231948

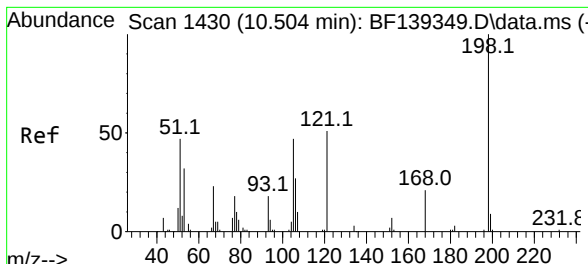
Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.4 6.6 9.8

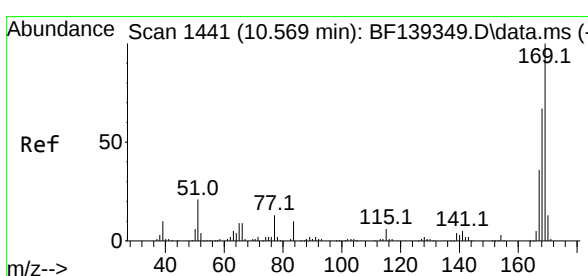
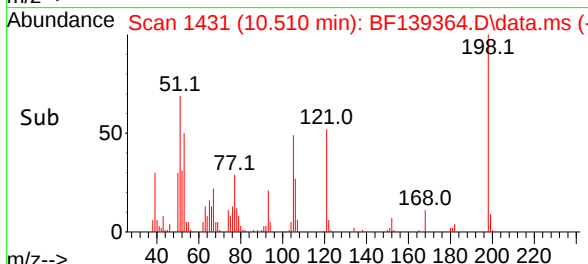
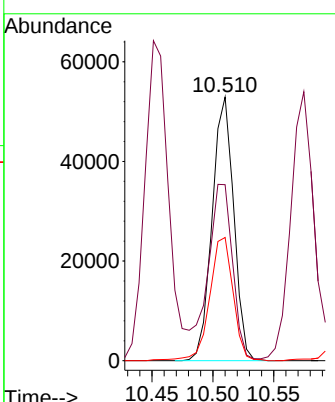
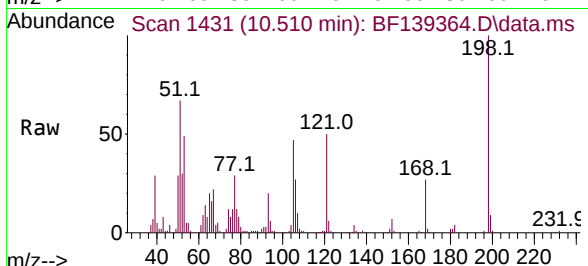




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.284 ng
 RT: 10.510 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: BF139364.D
 Acq: 14 Sep 2024 12:47

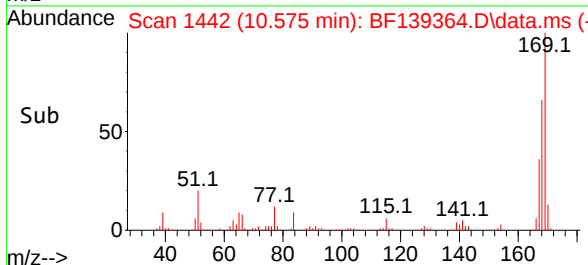
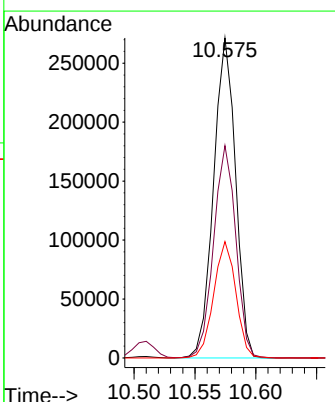
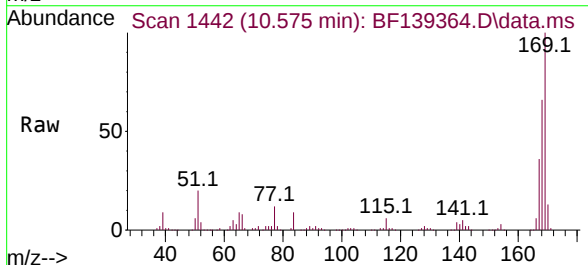
Instrument :
 BNA_F
 ClientSampleId :
 PB163344BSD

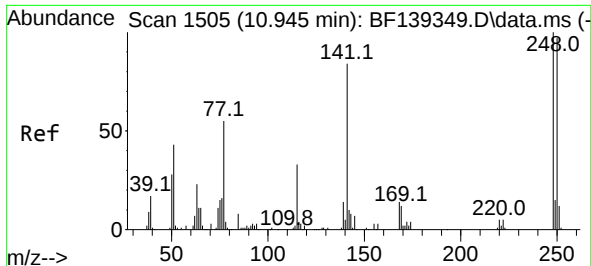
Tgt Ion:198	Resp:	65230
Ion Ratio	Lower	Upper
198	100	
51	66.7	50.4 90.4
105	46.7	28.3 68.3



#66
 n-Nitrosodiphenylamine
 Concen: 50.355 ng
 RT: 10.575 min Scan# 1442
 Delta R.T. 0.006 min
 Lab File: BF139364.D
 Acq: 14 Sep 2024 12:47

Tgt Ion:169	Resp:	341473
Ion Ratio	Lower	Upper
169	100	
168	66.3	53.6 80.4
167	36.4	28.7 43.1

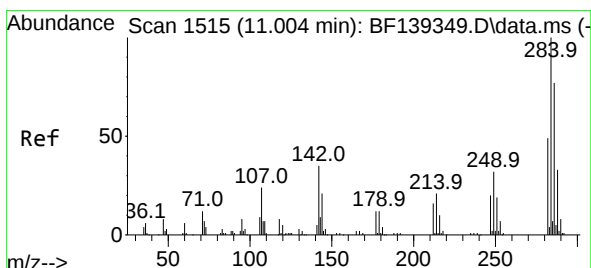
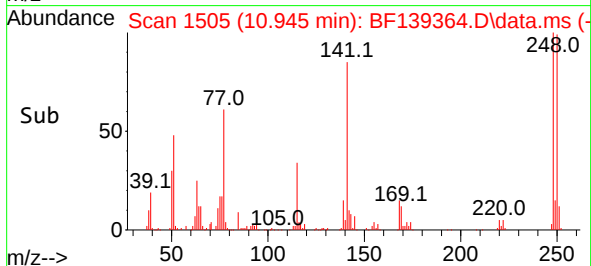
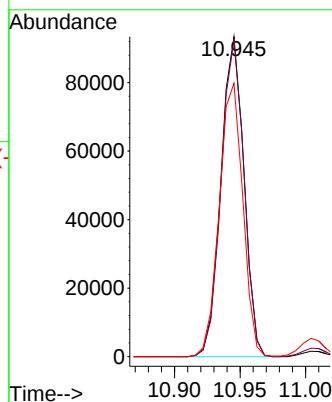
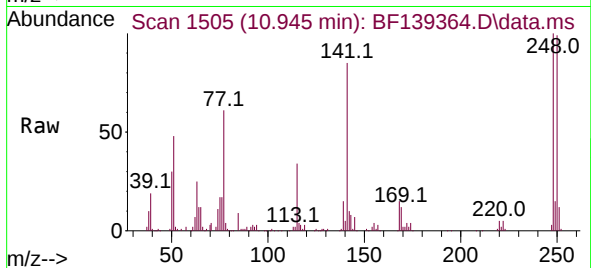




#67
4-Bromophenyl-phenylether
Concen: 49.398 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

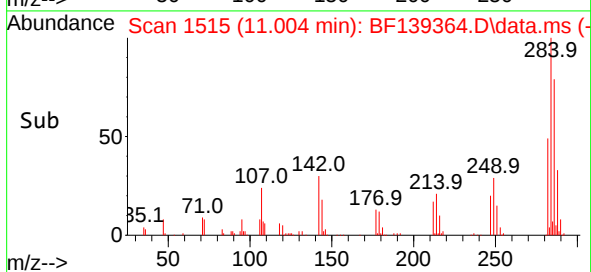
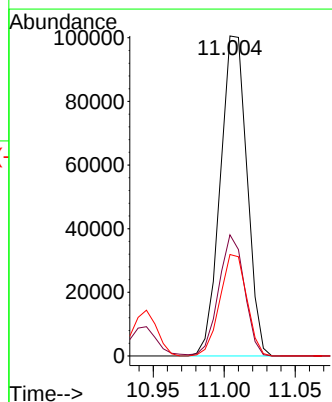
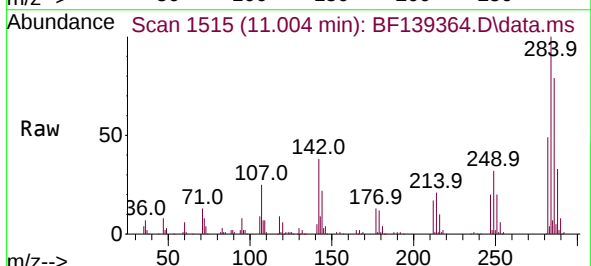
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

Tgt Ion:248 Resp: 113544
Ion Ratio Lower Upper
248 100
250 98.9 77.6 116.4
141 85.5 66.9 100.3



#68
Hexachlorobenzene
Concen: 48.732 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:284 Resp: 131461
Ion Ratio Lower Upper
284 100
142 37.8 28.0 42.0
249 31.7 25.3 37.9





#69

Atrazine

Concen: 68.552 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

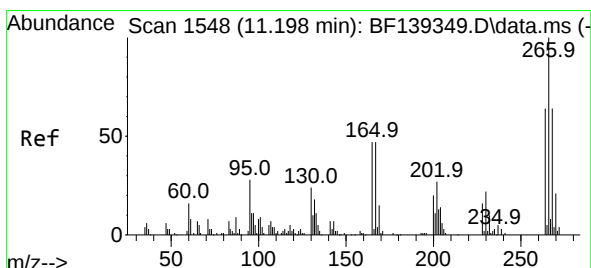
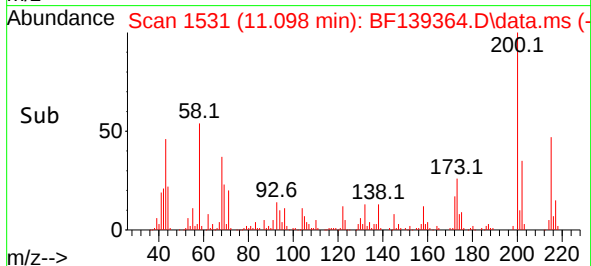
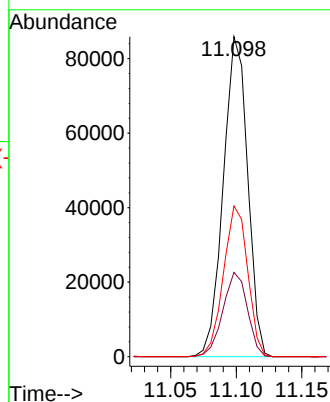
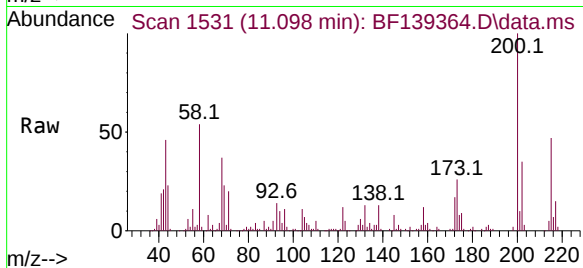
Tgt Ion:200 Resp: 110672

Ion Ratio Lower Upper

200 100

173 26.3 6.1 46.1

215 47.1 28.2 68.2



#70

Pentachlorophenol

Concen: 95.241 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

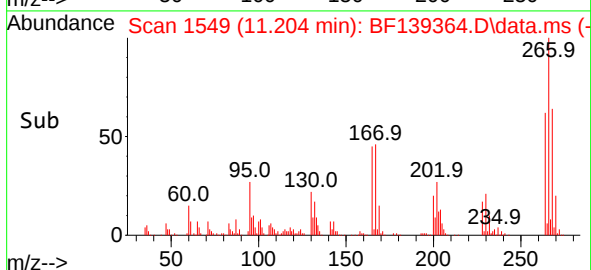
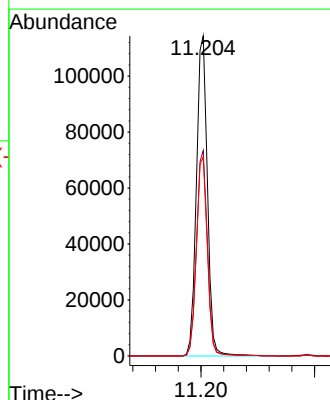
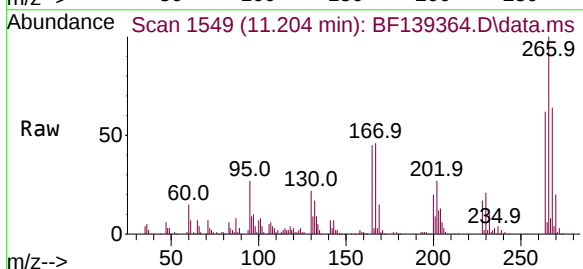
Tgt Ion:266 Resp: 154165

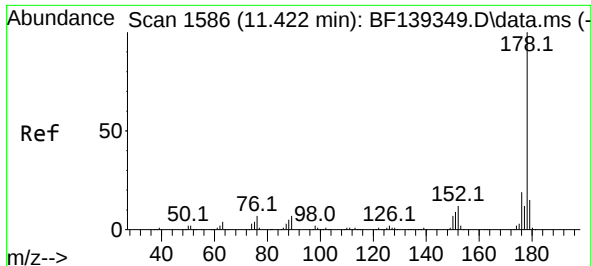
Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

264 62.1 51.4 77.0

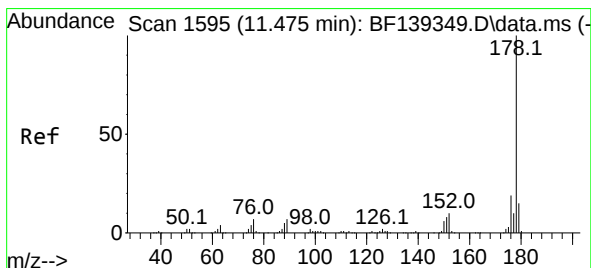
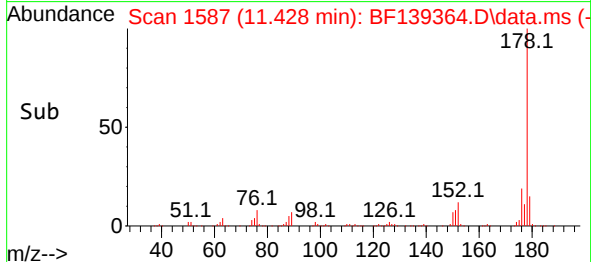
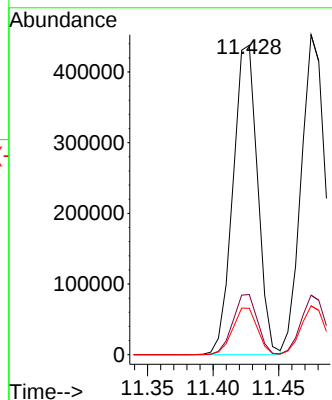
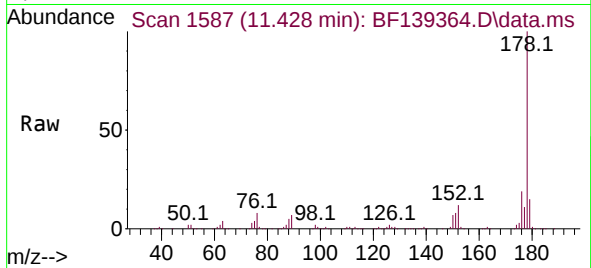




#71
Phenanthrene
Concen: 51.144 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

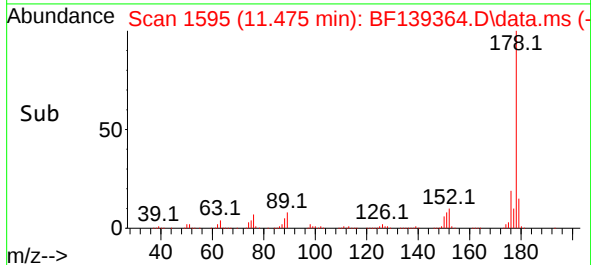
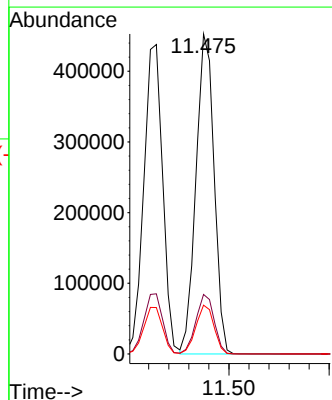
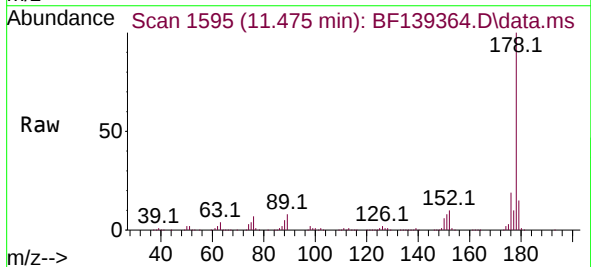
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

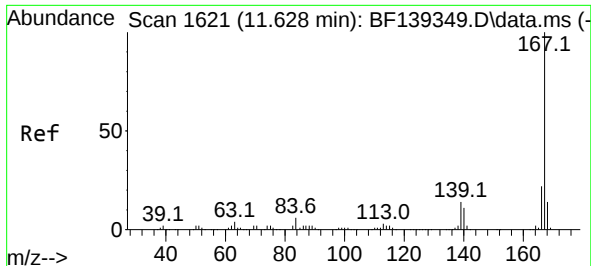
Tgt Ion:178 Resp: 572331
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.0 12.2 18.4



#72
Anthracene
Concen: 52.123 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

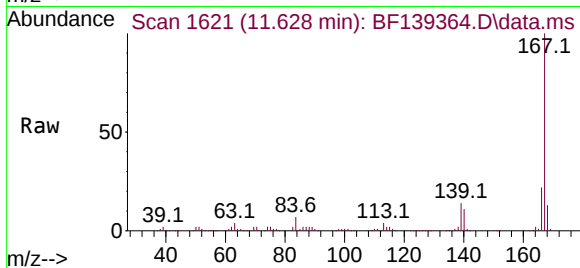
Tgt Ion:178 Resp: 570286
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.3 12.0 18.0



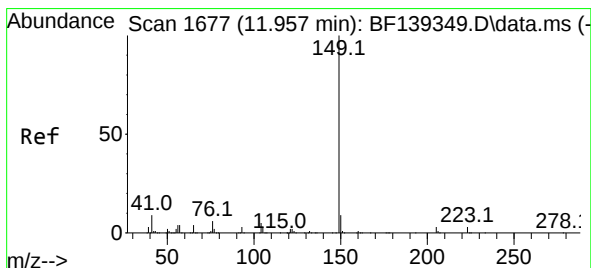
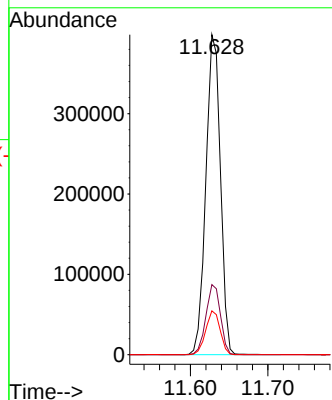
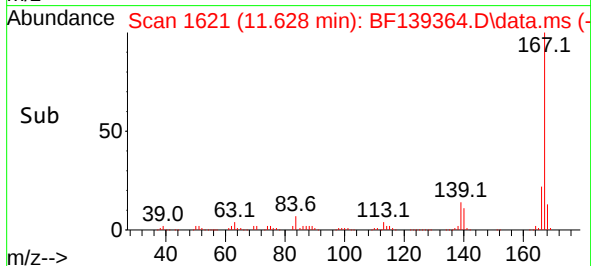


#73
 Carbazole
 Concen: 49.573 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139364.D
 Acq: 14 Sep 2024 12:47

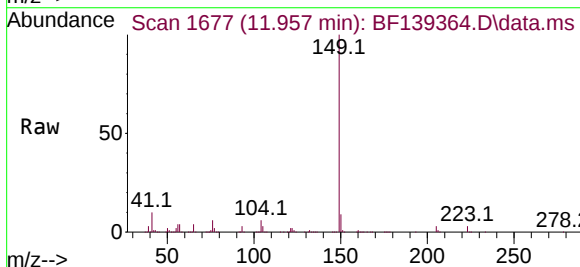
Instrument :
 BNA_F
 ClientSampleId :
 PB163344BSD



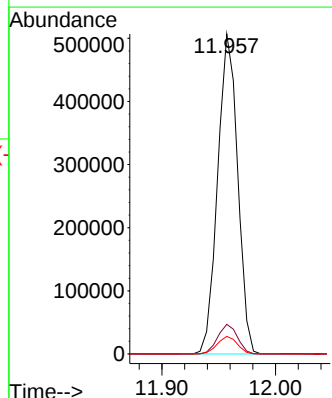
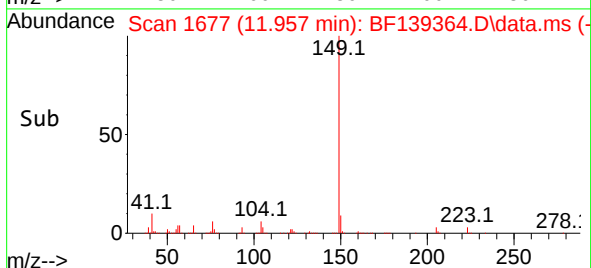
Tgt Ion:167 Resp: 519118
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.7 10.9 16.3

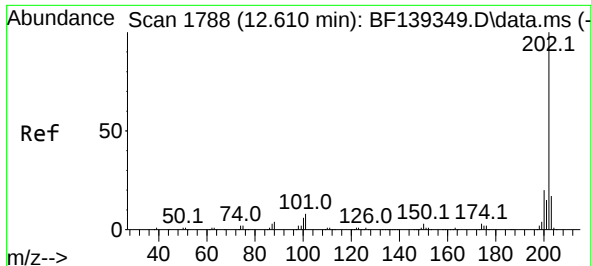


#74
 Di-n-butylphthalate
 Concen: 53.245 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139364.D
 Acq: 14 Sep 2024 12:47



Tgt Ion:149 Resp: 621116
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.5 4.3 6.5

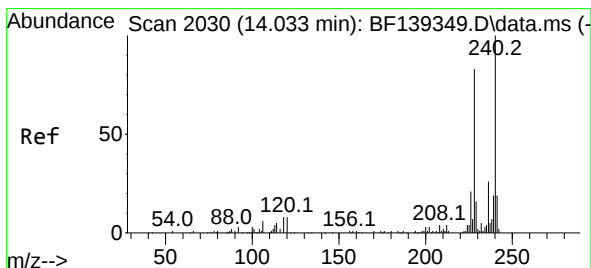
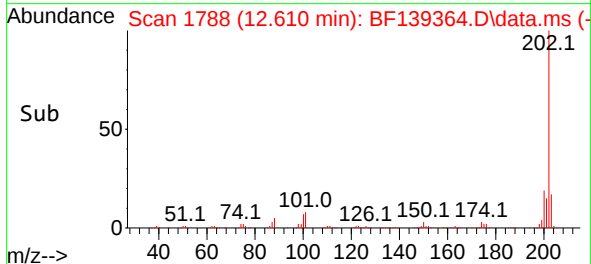
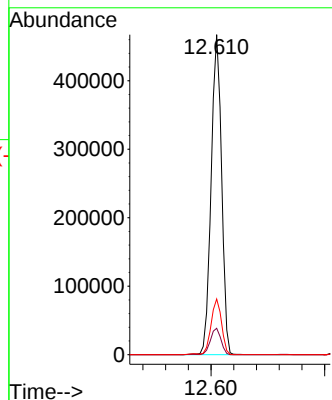
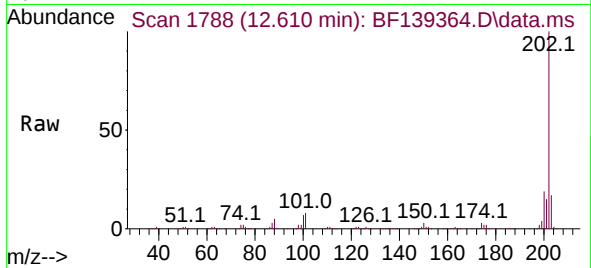




#75
Fluoranthene
Concen: 49.559 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

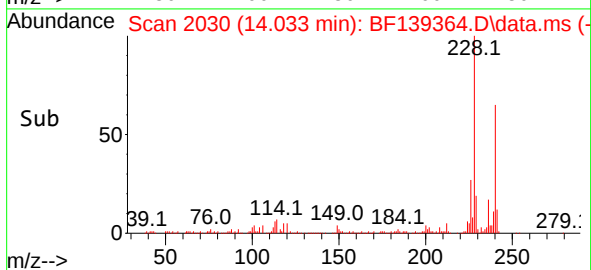
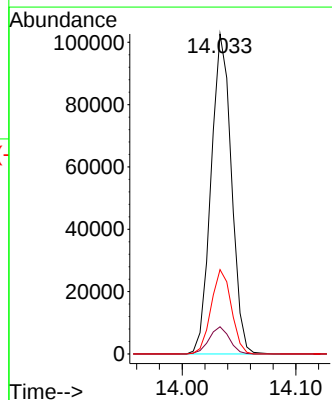
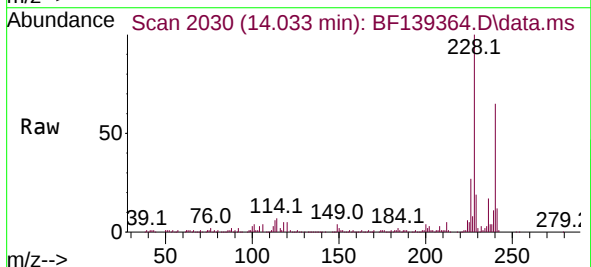
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

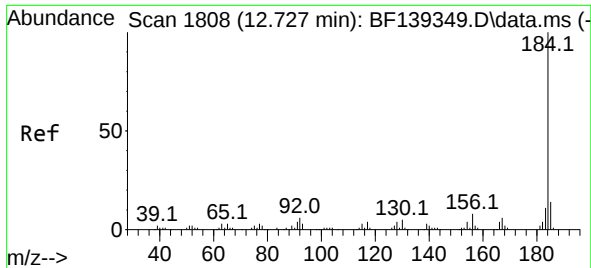
Tgt Ion:202 Resp: 592258
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.7
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:240 Resp: 127751
Ion Ratio Lower Upper
240 100
120 8.5 6.2 9.2
236 26.4 20.9 31.3

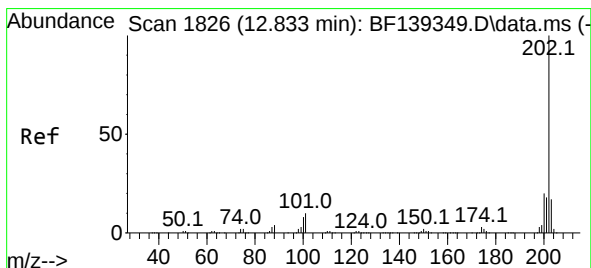
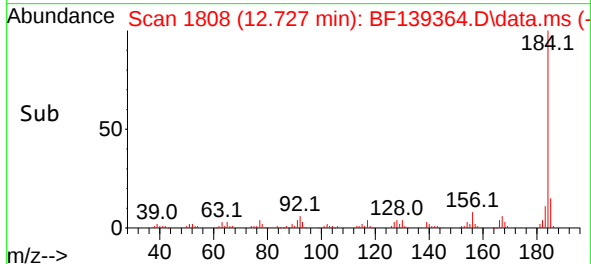
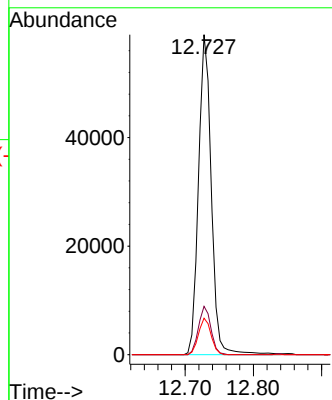
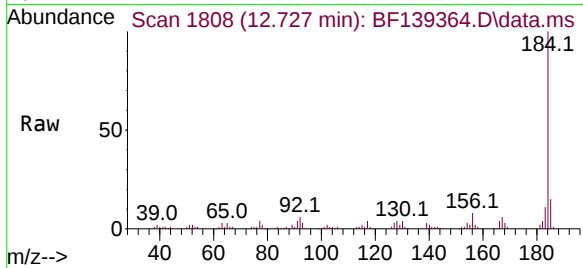




#77
Benzidine
Concen: 41.849 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

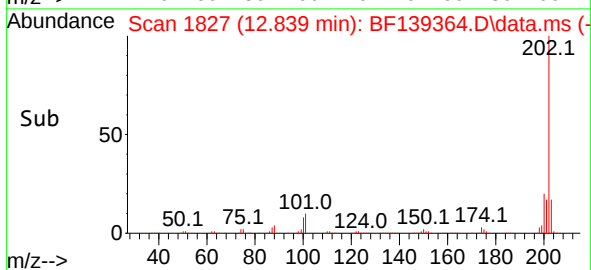
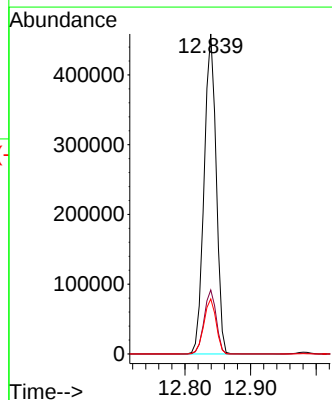
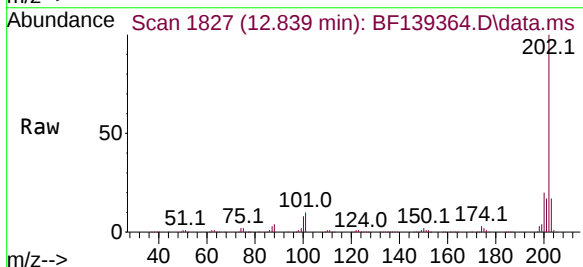
Instrument :
BNA_F
ClientSampleId :
PB163344BSD

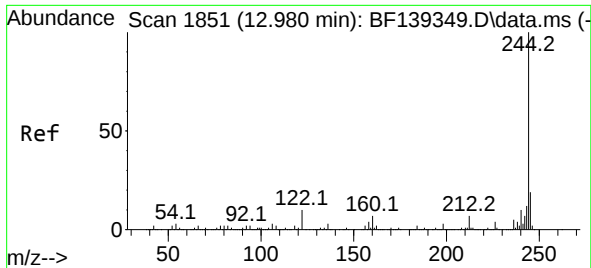
Tgt Ion:184 Resp: 76597
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 11.4 8.9 13.3



#78
Pyrene
Concen: 53.505 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

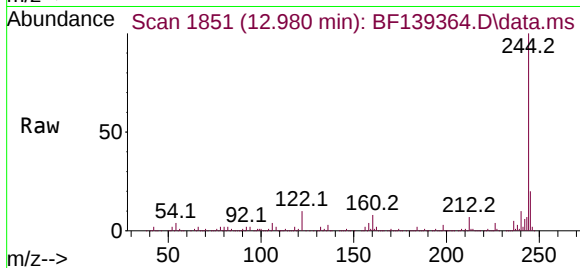
Tgt Ion:202 Resp: 586908
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.2 13.9 20.9





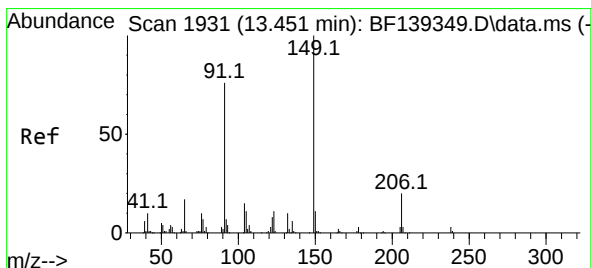
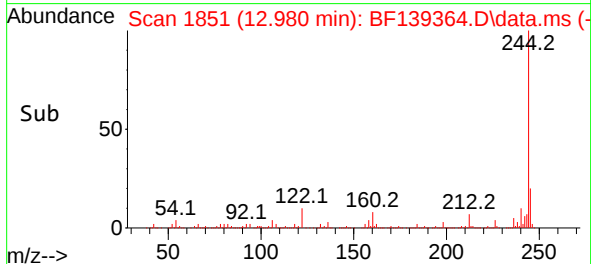
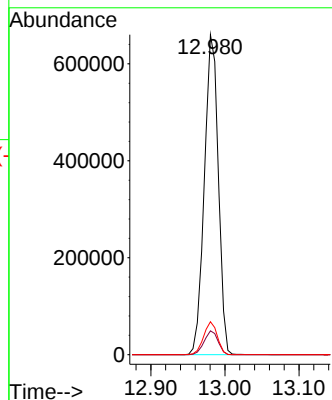
#79
 Terphenyl-d14
 Concen: 111.028 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF139364.D
 Acq: 14 Sep 2024 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB163344BSD



Tgt Ion:244 Resp: 864145

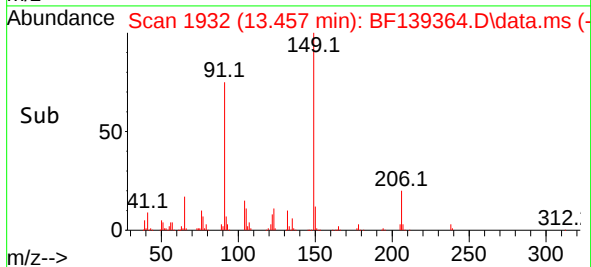
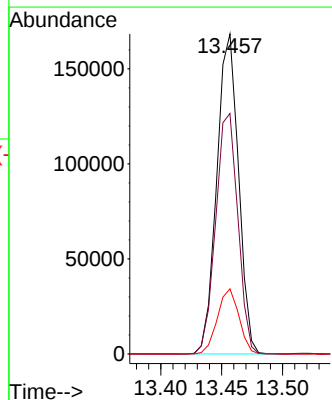
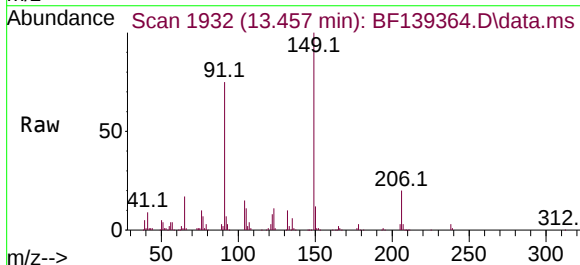
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.3	7.6	11.4

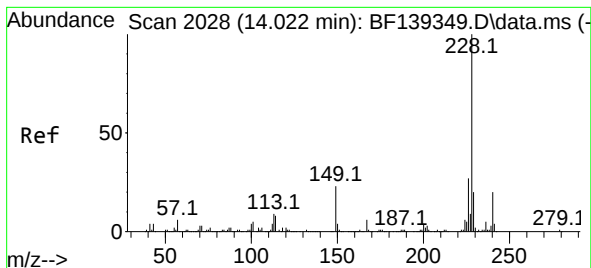


#80
 Butylbenzylphthalate
 Concen: 55.990 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139364.D
 Acq: 14 Sep 2024 12:47

Tgt Ion:149 Resp: 209048

Ion	Ratio	Lower	Upper
149	100		
91	75.2	60.9	91.3
206	20.4	15.8	23.8





#81

Benzo(a)anthracene

Concen: 51.856 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

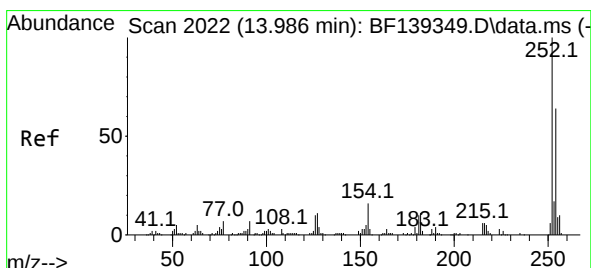
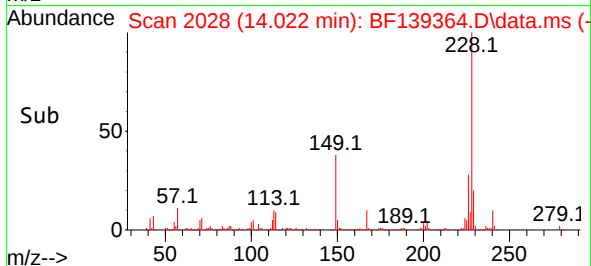
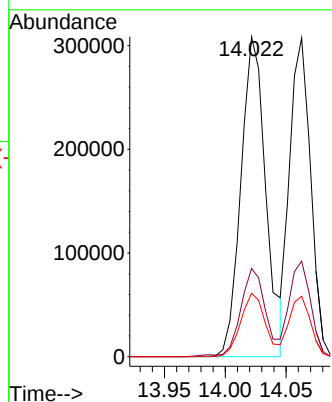
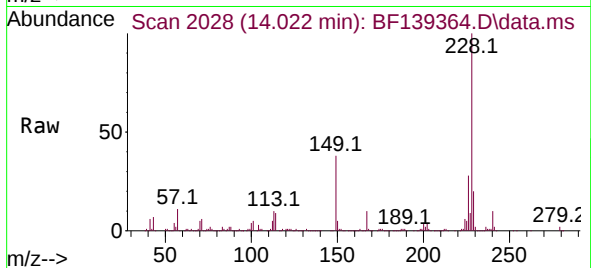
Tgt Ion:228 Resp: 438812

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.295 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

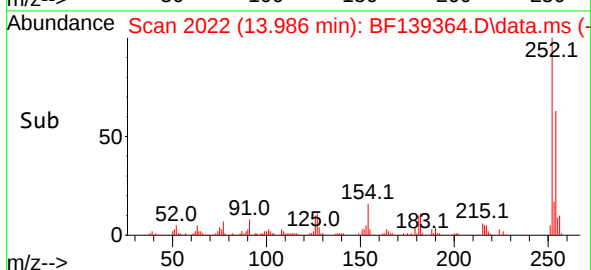
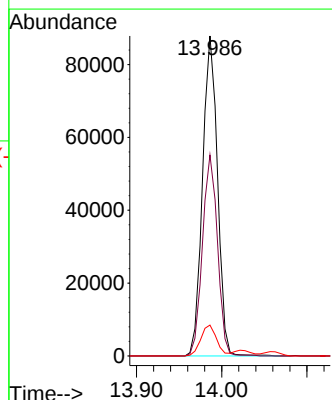
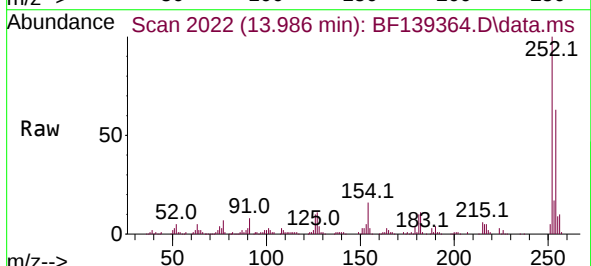
Tgt Ion:252 Resp: 107292

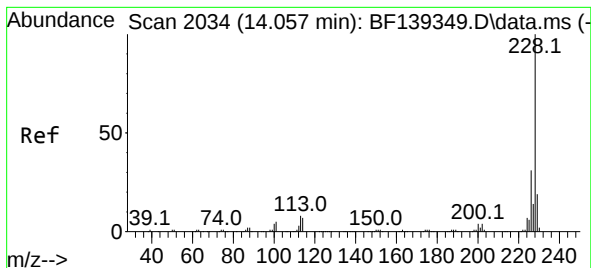
Ion Ratio Lower Upper

252 100

254 62.8 51.4 77.2

126 9.6 7.7 11.5





#83

Chrysene

Concen: 47.285 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

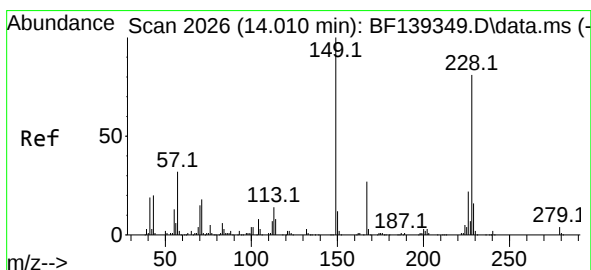
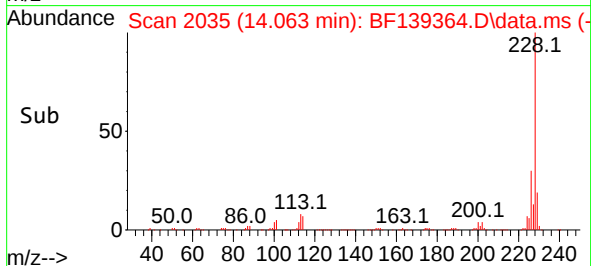
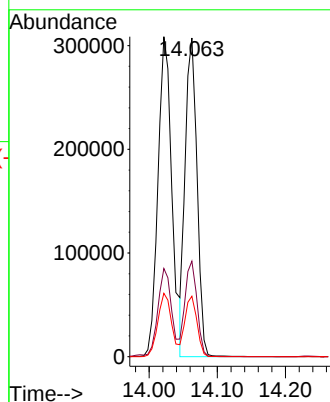
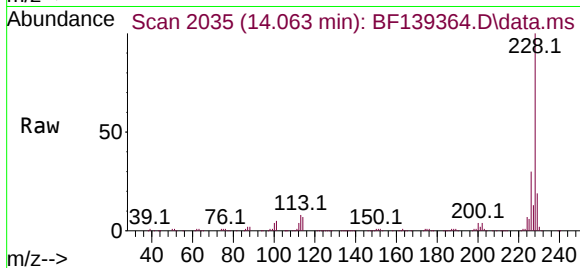
Tgt Ion:228 Resp: 368125

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.724 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

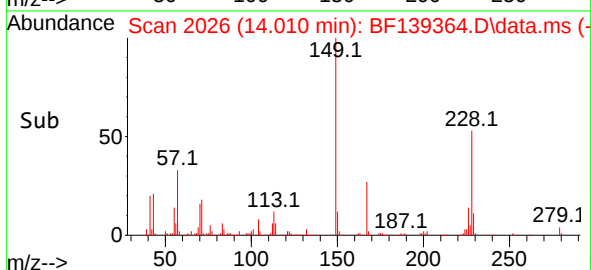
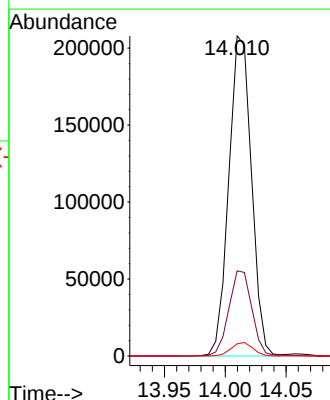
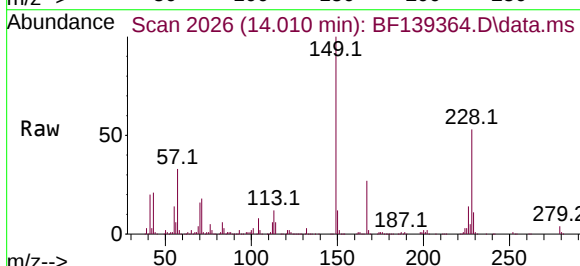
Tgt Ion:149 Resp: 269424

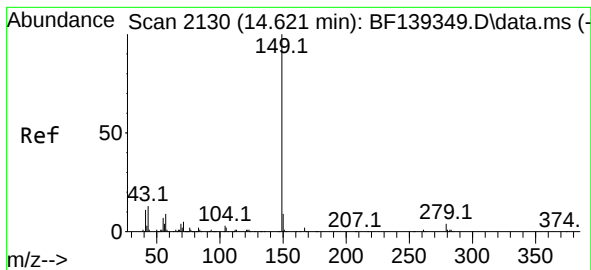
Ion Ratio Lower Upper

149 100

167 26.6 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.523 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

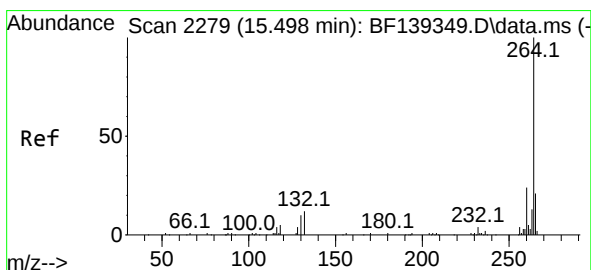
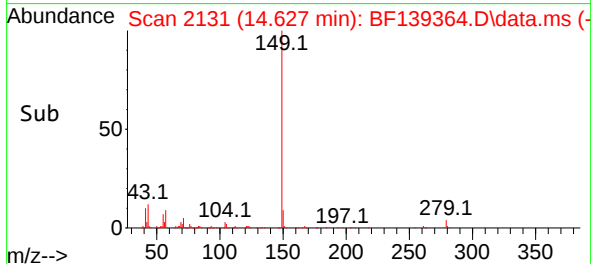
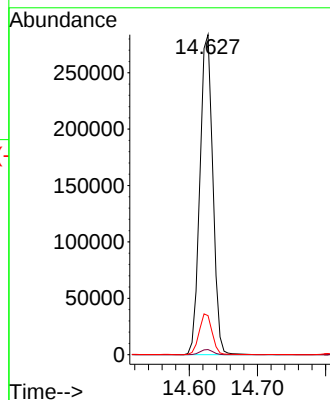
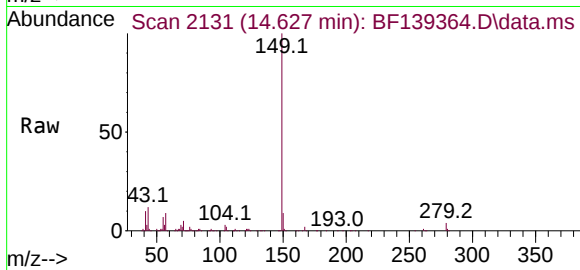
Tgt Ion:149 Resp: 374391

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.9 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

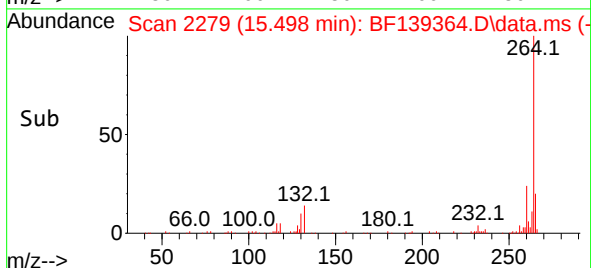
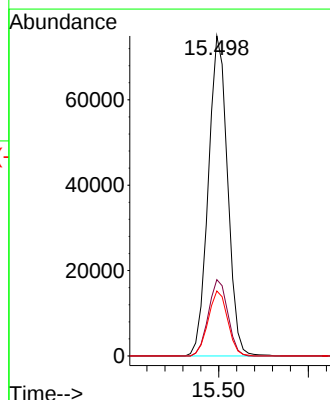
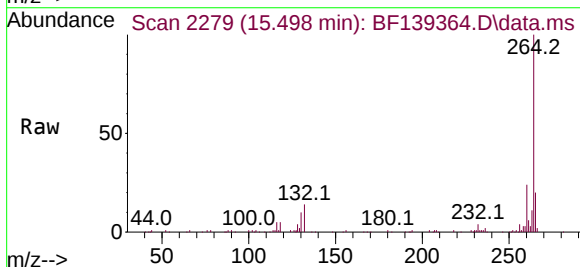
Tgt Ion:264 Resp: 111596

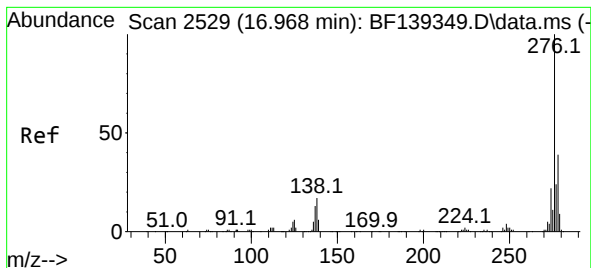
Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 20.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.899 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

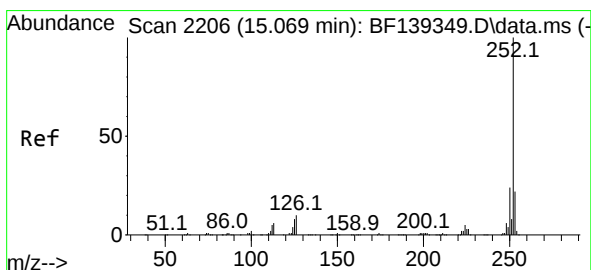
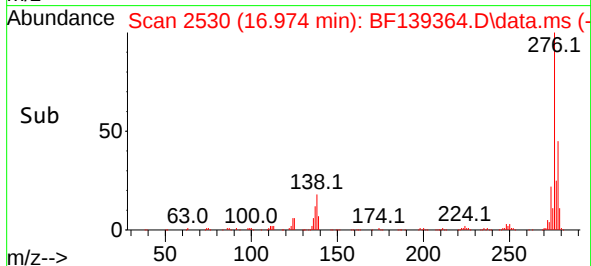
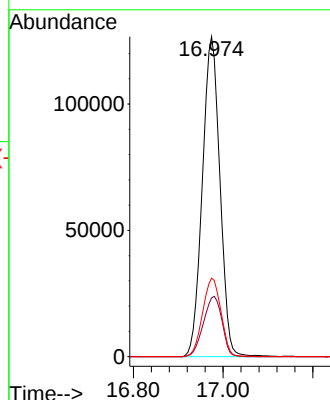
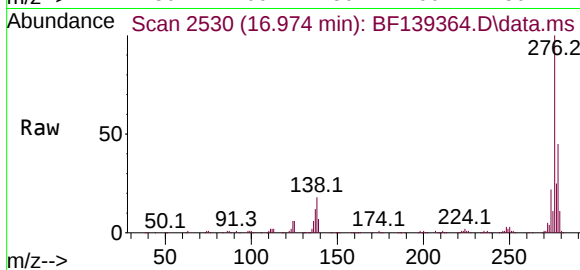
Tgt Ion:276 Resp: 344391

Ion Ratio Lower Upper

276 100

138 19.9 15.4 23.2

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 54.817 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

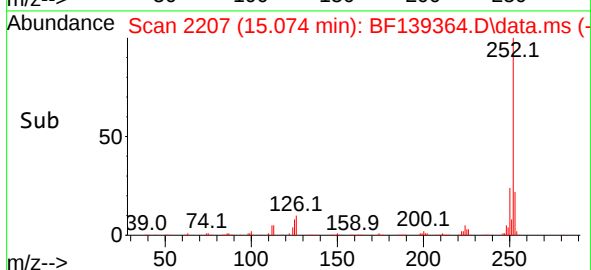
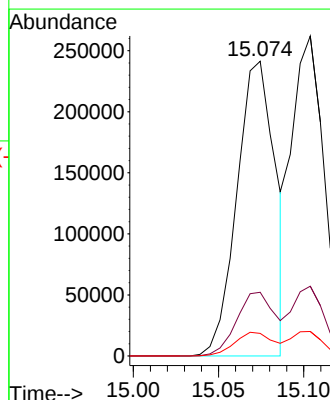
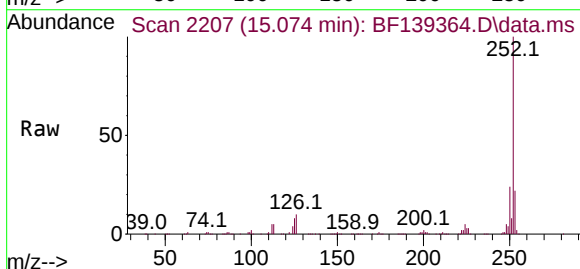
Tgt Ion:252 Resp: 377276

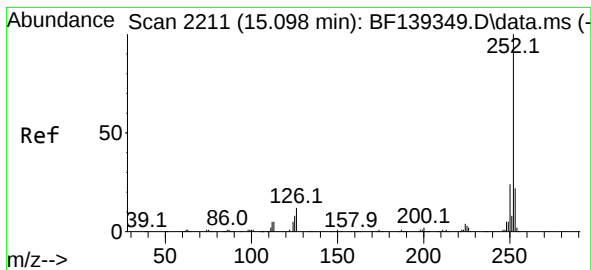
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 54.636 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB163344BSD

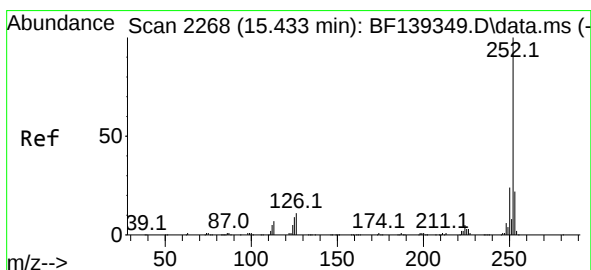
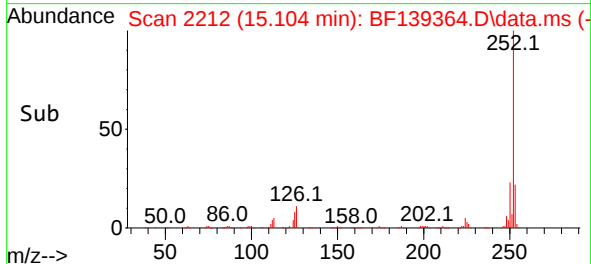
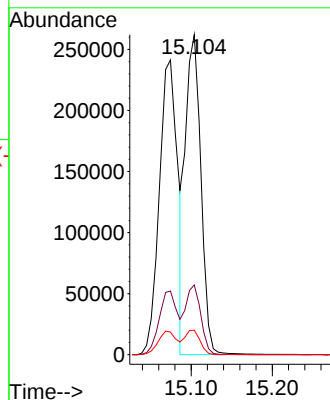
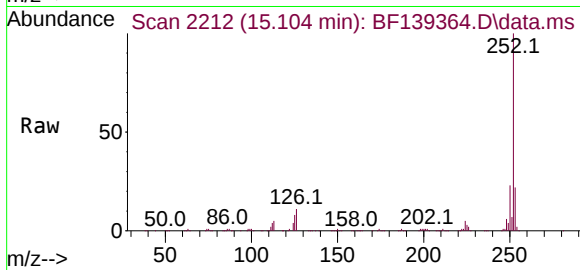
Tgt Ion:252 Resp: 346713

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 7.7 5.9 8.9



#90

Benzo(a)pyrene

Concen: 54.008 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139364.D

Acq: 14 Sep 2024 12:47

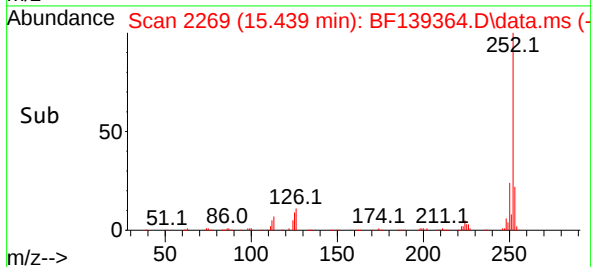
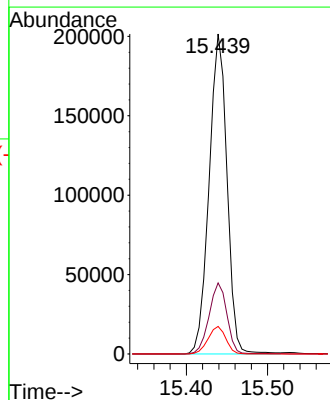
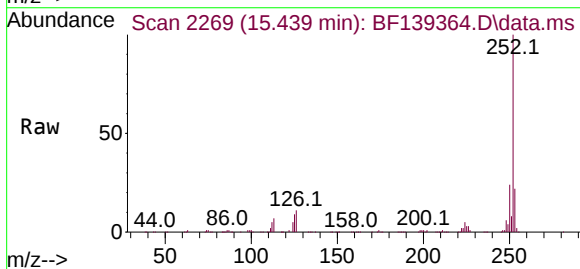
Tgt Ion:252 Resp: 308280

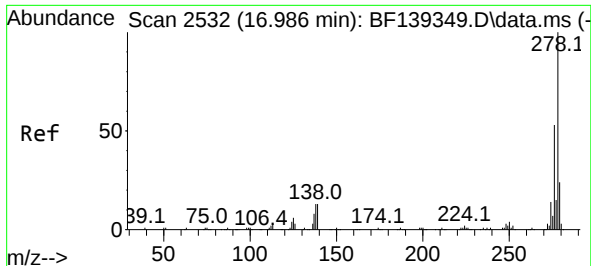
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 8.6 6.8 10.2

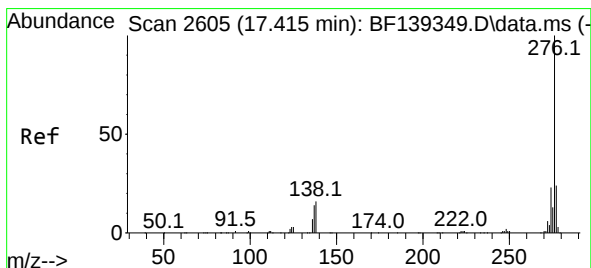
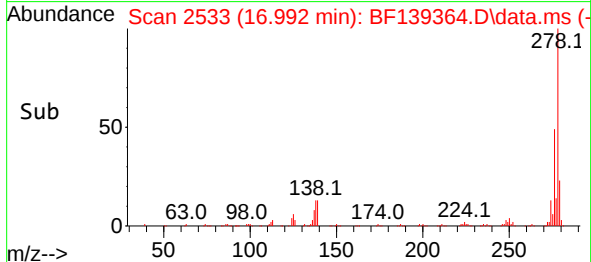
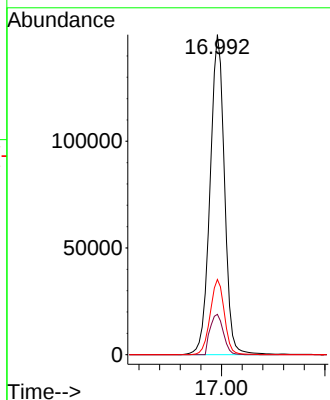
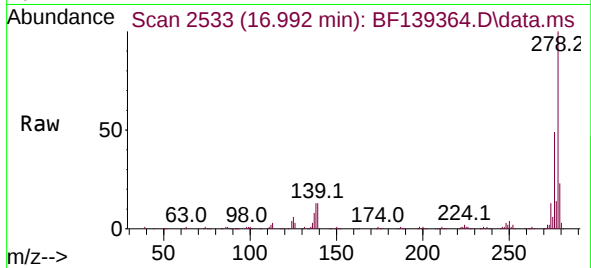




#91
Dibenzo(a,h)anthracene
Concen: 52.947 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Instrument :
BNA_F
ClientSampleId :
PB163344BSD

Tgt Ion:278 Resp: 290328
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.2
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 49.237 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139364.D
Acq: 14 Sep 2024 12:47

Tgt Ion:276 Resp: 267316
Ion Ratio Lower Upper
276 100
277 22.9 18.9 28.3
138 16.0 13.0 19.6

