

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139320.D
 Acq On : 11 Sep 2024 12:44
 Operator : RC/JU
 Sample : PB163274BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163274BSD

Quant Time: Sep 11 13:10:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	118822	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	446813	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	248390	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	465679	20.000	ng	0.00
76) Chrysene-d12	14.069	240	255508	20.000	ng	0.02
86) Perylene-d12	15.580	264	218658	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	910111	128.132	ng	0.01
7) Phenol-d6	6.516	99	1208591	127.459	ng	0.00
23) Nitrobenzene-d5	7.446	82	796334	92.718	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	322691	150.447	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1487197	92.423	ng	-0.01
79) Terphenyl-d14	12.992	244	1545656	97.671	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	110845	33.511	ng	98
3) Pyridine	3.534	79	300520	37.639	ng	98
4) n-Nitrosodimethylamine	3.499	42	214693	41.407	ng	98
6) Aniline	6.546	93	373909	42.882	ng	90
8) 2-Chlorophenol	6.669	128	337288	45.819	ng	98
9) Benzaldehyde	6.434	77	84627	14.744	ng	99
10) Phenol	6.528	94	441753	44.167	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	318935	44.510	ng	99
12) 1,3-Dichlorobenzene	6.828	146	349645	41.964	ng	100
13) 1,4-Dichlorobenzene	6.898	146	353604	42.400	ng	99
14) 1,2-Dichlorobenzene	7.051	146	339646	43.667	ng	99
15) Benzyl Alcohol	7.022	79	328434	47.495	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	606949	44.496	ng	97
17) 2-Methylphenol	7.134	107	275139	45.757	ng	97
18) Hexachloroethane	7.393	117	132413	44.455	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	258362	47.309	ng	97
20) 3+4-Methylphenols	7.287	107	346171	45.679	ng	95
22) Acetophenone	7.293	105	469117	44.071	ng	100
24) Nitrobenzene	7.463	77	388229	42.587	ng	98
25) Isophorone	7.704	82	689240	46.938	ng	100
26) 2-Nitrophenol	7.781	139	177333	49.528	ng	98
27) 2,4-Dimethylphenol	7.816	122	282827	55.387	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	398414	45.541	ng	99
29) 2,4-Dichlorophenol	8.022	162	287029	46.946	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	300415	43.022	ng	99
31) Naphthalene	8.187	128	995237	43.984	ng	100
32) Benzoic acid	7.934	122	204740	44.019	ng	99
33) 4-Chloroaniline	8.234	127	247359	31.572	ng	98
34) Hexachlorobutadiene	8.304	225	194727	44.009	ng	99
35) Caprolactam	8.604	113	48795	25.780	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	313258	47.018	ng	99
37) 2-Methylnaphthalene	8.875	142	650791	45.971	ng	99
38) 1-Methylnaphthalene	8.975	142	609792	43.797	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	304156	43.280	ng	99
41) Hexachlorocyclopentadiene	9.028	237	387874	171.739	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	223508	48.609	ng	99

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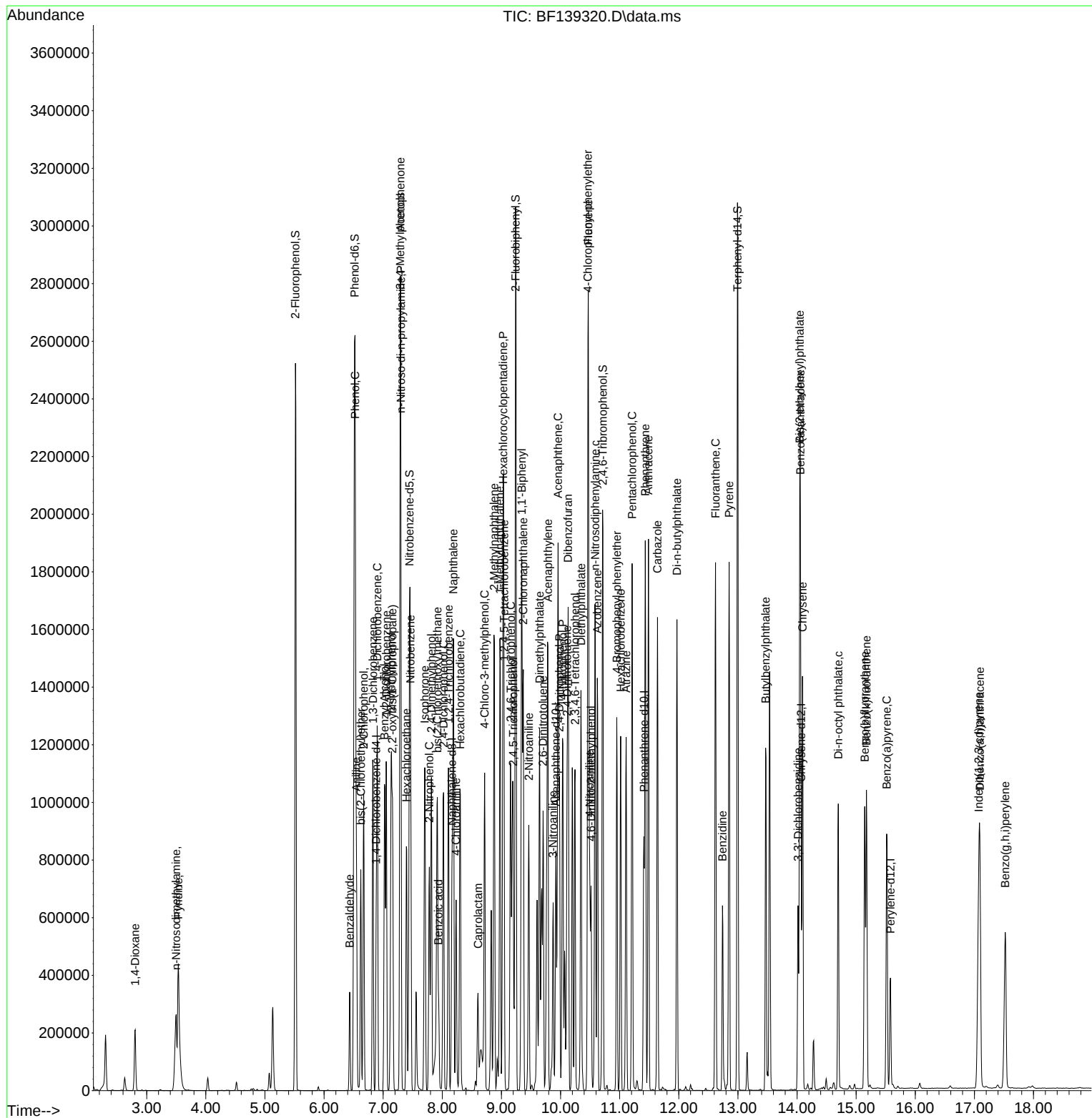
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	216396	44.910	ng	98
46) 1,1'-Biphenyl	9.345	154	818603	44.481	ng	100
47) 2-Chloronaphthalene	9.369	162	608041	43.756	ng	100
48) 2-Nitroaniline	9.463	65	231285	48.322	ng	98
49) Acenaphthylene	9.787	152	1004840	48.011	ng	100
50) Dimethylphthalate	9.645	163	719690	47.804	ng	99
51) 2,6-Dinitrotoluene	9.704	165	156743	45.893	ng	98
52) Acenaphthene	9.957	154	719741	51.848	ng	99
53) 3-Nitroaniline	9.875	138	127443	35.022	ng	100
54) 2,4-Dinitrophenol	9.981	184	186124	101.754	ng	# 69
55) Dibenzofuran	10.128	168	911418	45.794	ng	98
56) 4-Nitrophenol	10.039	139	264406	98.445	ng	98
57) 2,4-Dinitrotoluene	10.110	165	215613	49.599	ng	98
58) Fluorene	10.469	166	710636	46.054	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	187399	49.408	ng	100
60) Diethylphthalate	10.345	149	728745	49.188	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	345127	46.379	ng	99
62) 4-Nitroaniline	10.492	138	168803	48.733	ng	100
63) Azobenzene	10.622	77	737524	47.231	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	116382	54.088	ng	97
66) n-Nitrosodiphenylamine	10.586	169	620299	45.761	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	208068	46.051	ng	99
68) Hexachlorobenzene	11.016	284	231965	44.847	ng	98
69) Atrazine	11.110	200	198774	63.559	ng	99
70) Pentachlorophenol	11.210	266	285399	95.522	ng	99
71) Phenanthrene	11.433	178	1004360	46.168	ng	100
72) Anthracene	11.486	178	1022540	48.117	ng	100
73) Carbazole	11.639	167	930428	46.844	ng	99
74) Di-n-butylphthalate	11.969	149	1092212	53.706	ng	100
75) Fluoranthene	12.622	202	1066790	48.913	ng	100
77) Benzidine	12.739	184	340792	66.241	ng	99
78) Pyrene	12.851	202	1093077	44.286	ng	100
80) Butylbenzylphthalate	13.469	149	380655	65.512	ng	99
81) Benzo(a)anthracene	14.057	228	771118	47.263	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	185164	42.735	ng	99
83) Chrysene	14.092	228	706450	46.393	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	442764	64.922	ng	99
85) Di-n-octyl phthalate	14.698	149	640948	49.088	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	667910	48.896	ng	97
88) Benzo(b)fluoranthene	15.145	252	662866	52.640	ng	99
89) Benzo(k)fluoranthene	15.174	252	518964	45.964	ng	100
90) Benzo(a)pyrene	15.516	252	561084	52.474	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	539131	47.893	ng	98
92) Benzo(g,h,i)perylene	17.521	276	505183	43.476	ng	98

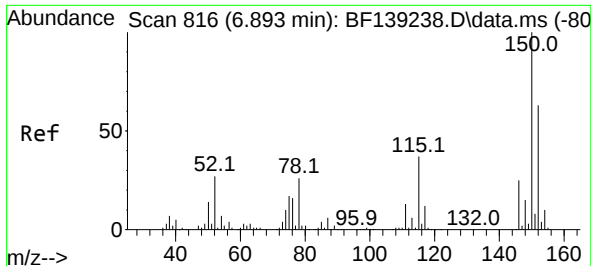
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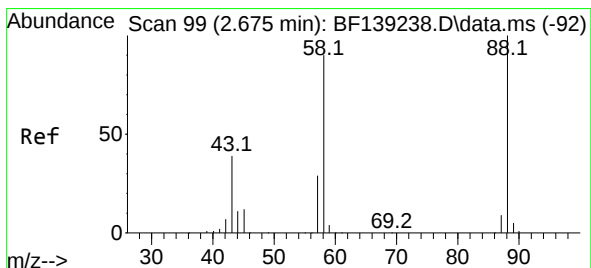
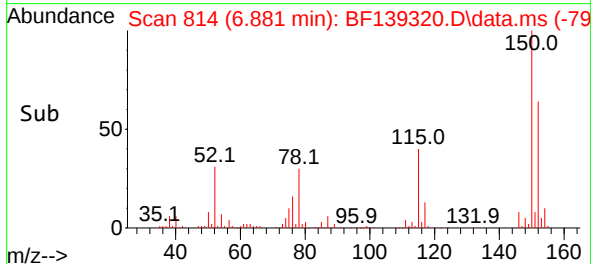
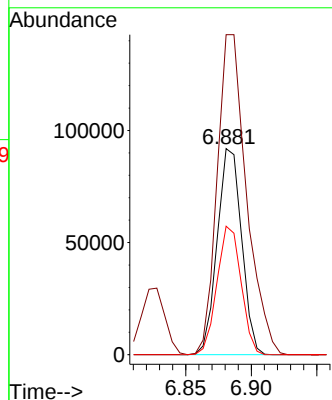
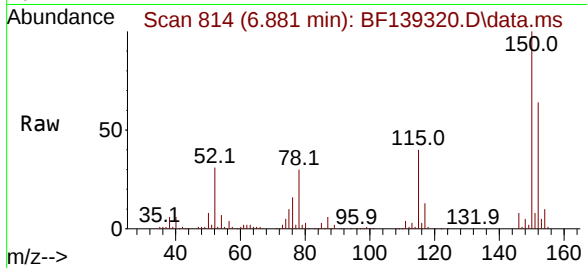




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

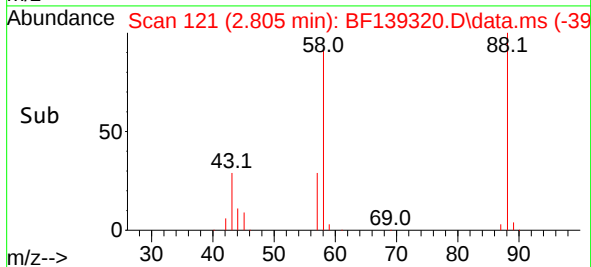
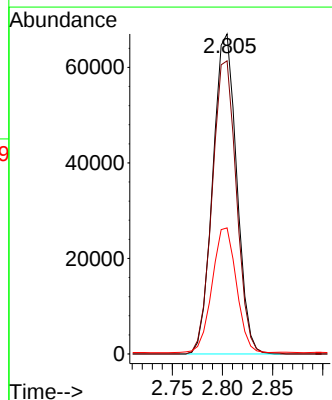
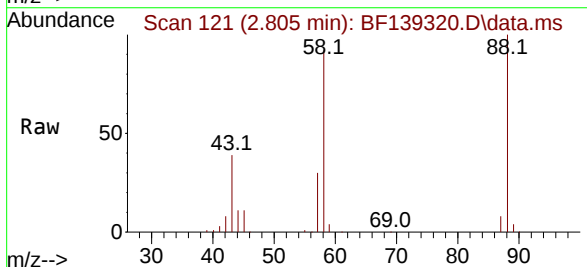
Instrument :
BNA_F
ClientSampleId :
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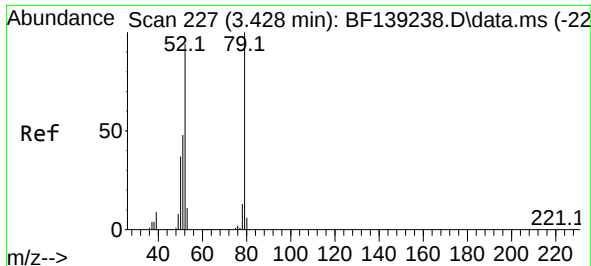
Tgt Ion:152 Resp: 118822
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.4
115 62.3 46.9 70.3



#2
1,4-Dioxane
Concen: 33.511 ng
RT: 2.805 min Scan# 121
Delta R.T. 0.129 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion: 88 Resp: 110845
Ion Ratio Lower Upper
88 100
58 93.0 72.5 108.7
43 39.6 31.4 47.2





#3

Pyridine

Concen: 37.639 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

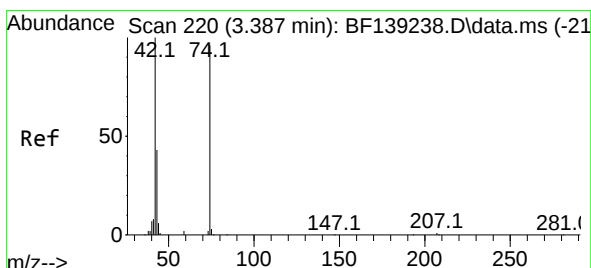
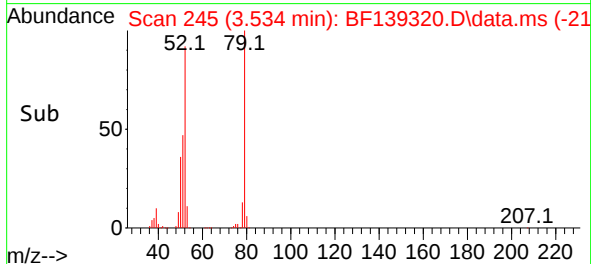
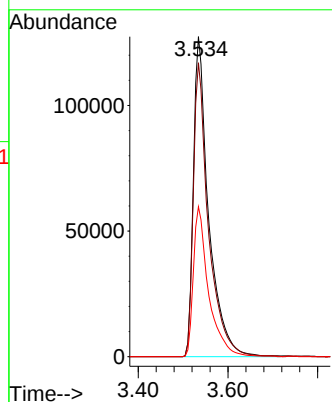
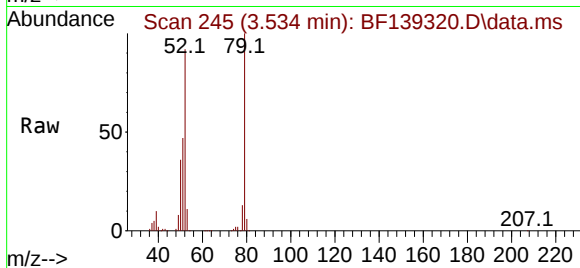
Tgt Ion: 79 Resp: 300520

Ion Ratio Lower Upper

79 100

52 91.9 75.3 112.9

51 46.9 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 41.407 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.112 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

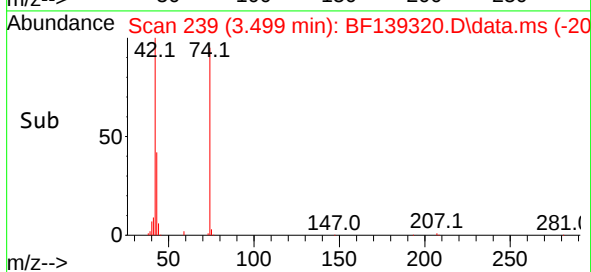
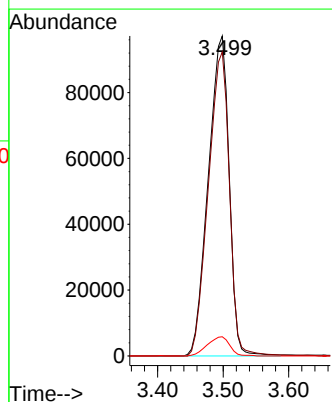
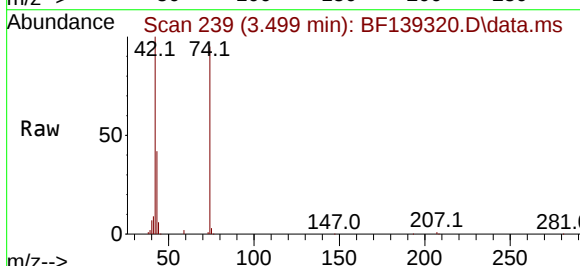
Tgt Ion: 42 Resp: 214693

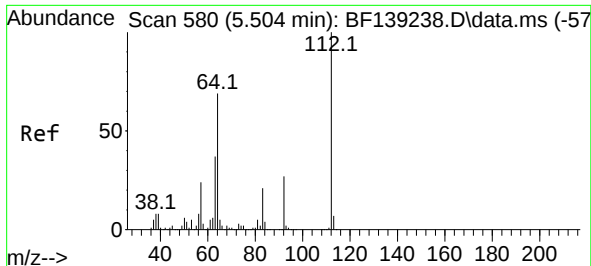
Ion Ratio Lower Upper

42 100

74 95.0 77.2 115.8

44 6.0 5.1 7.7

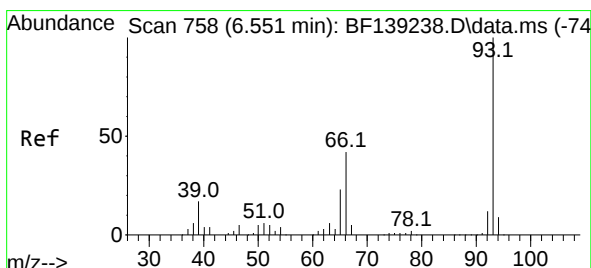
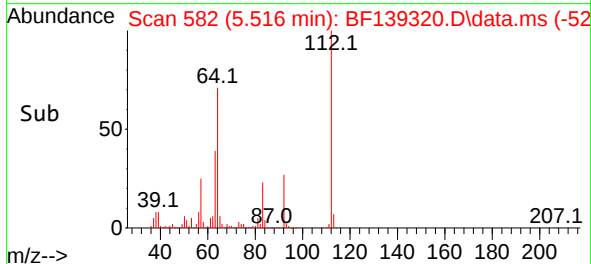
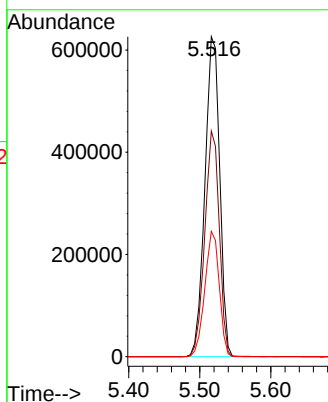
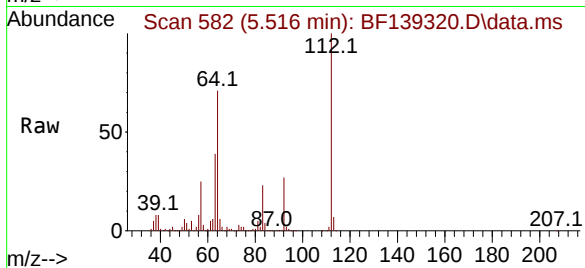




#5
2-Fluorophenol
Concen: 128.132 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

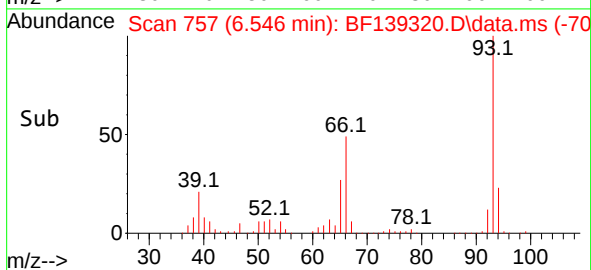
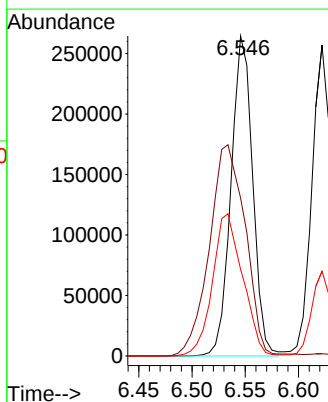
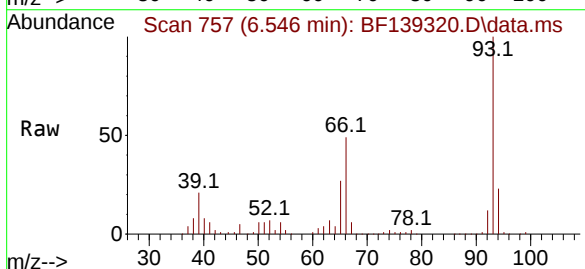
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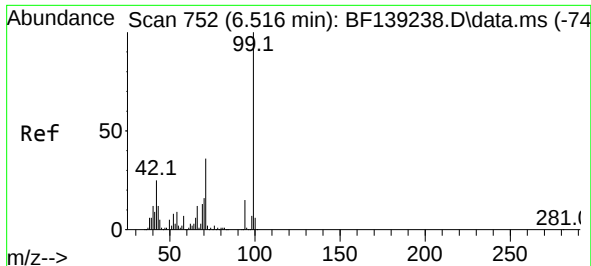
Tgt Ion:112 Resp: 910111
Ion Ratio Lower Upper
112 100
64 70.5 55.0 82.4
63 39.2 29.9 44.9



#6
Aniline
Concen: 42.882 ng
RT: 6.546 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion: 93 Resp: 373909
Ion Ratio Lower Upper
93 100
66 49.4 34.4 51.6
65 27.1 18.2 27.4

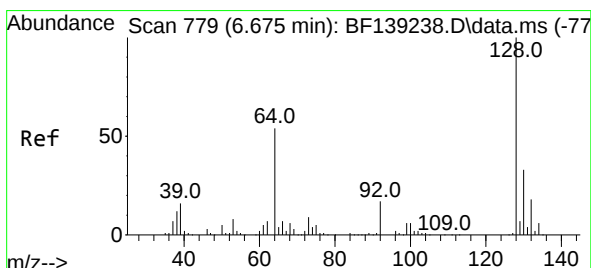
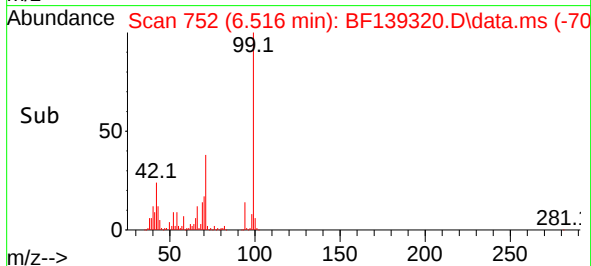
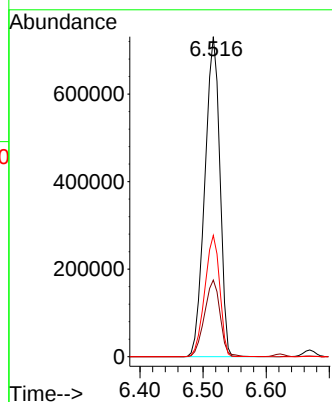
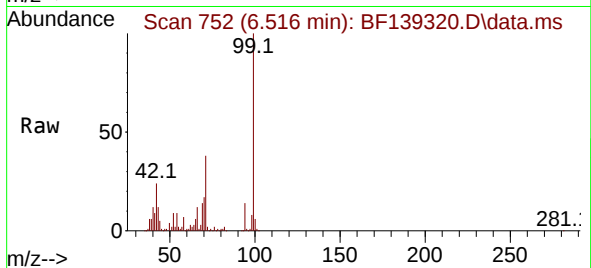




#7
Phenol-d6
Concen: 127.459 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

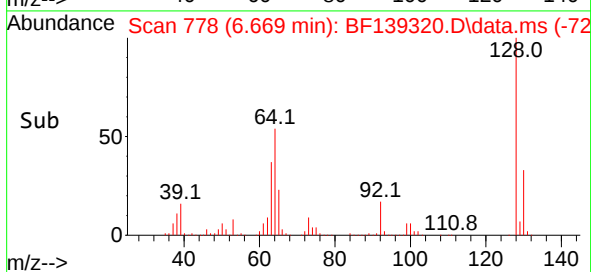
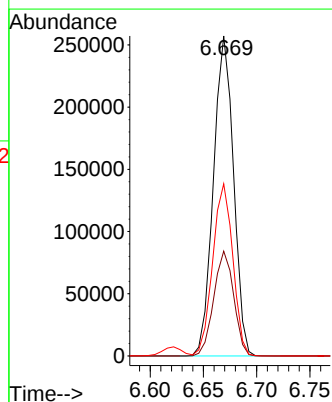
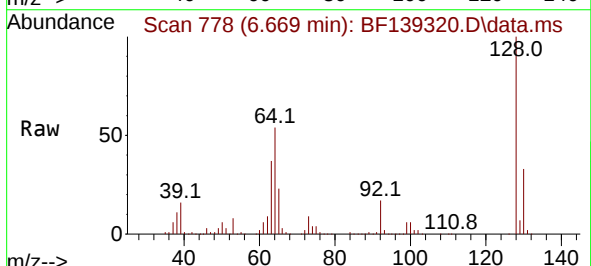
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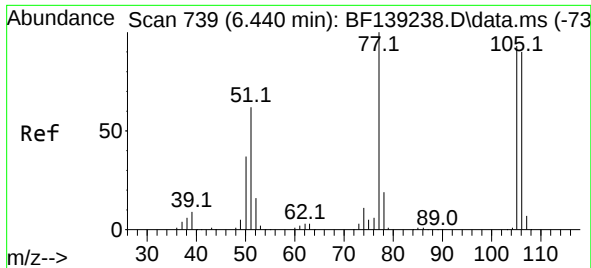
Tgt Ion: 99 Resp: 1208591
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 37.9 28.8 43.2



#8
2-Chlorophenol
Concen: 45.819 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:128 Resp: 337288
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 53.8 36.6 76.6





#9

Benzaldehyde

Concen: 14.744 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

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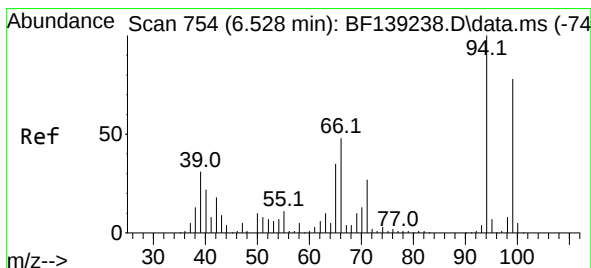
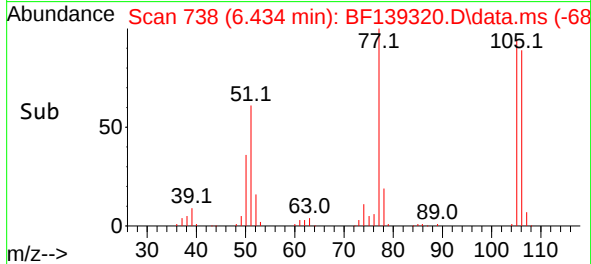
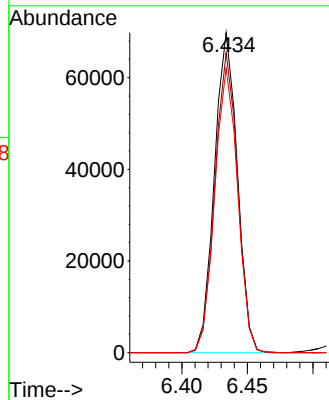
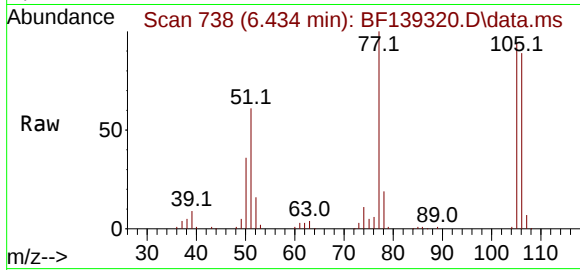
Tgt Ion: 77 Resp: 84627

Ion Ratio Lower Upper

77 100

105 93.7 72.9 112.9

106 88.8 69.6 109.6



#10

Phenol

Concen: 44.167 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF139320.D

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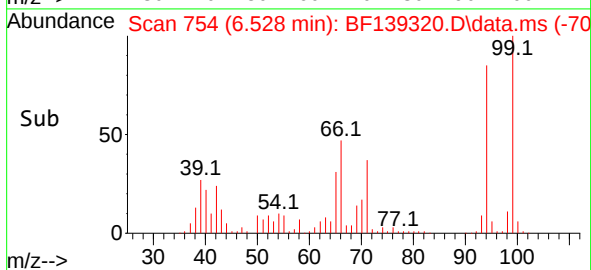
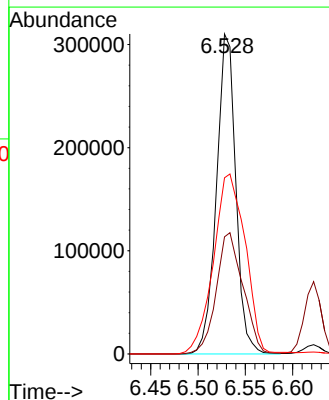
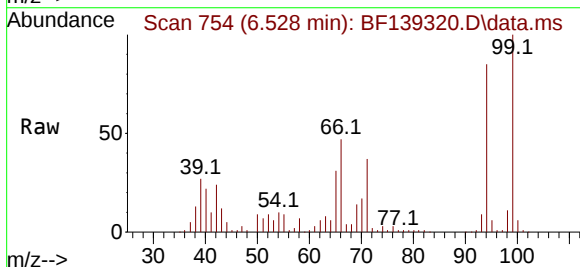
Tgt Ion: 94 Resp: 441753

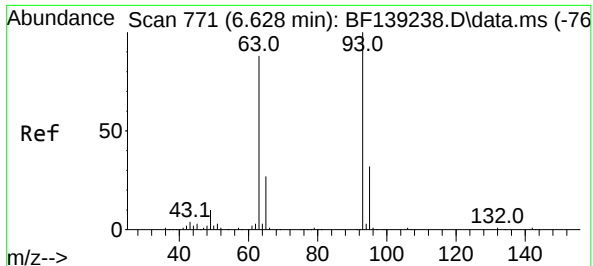
Ion Ratio Lower Upper

94 100

65 36.6 14.7 54.7

66 55.0 28.5 68.5

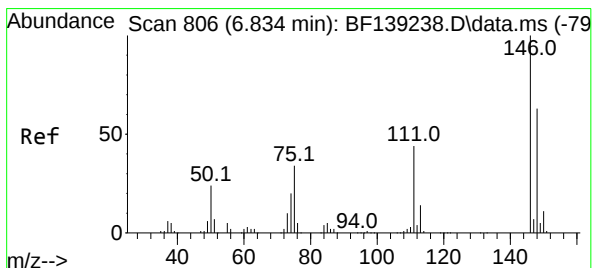
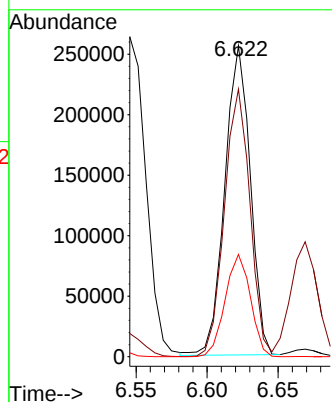
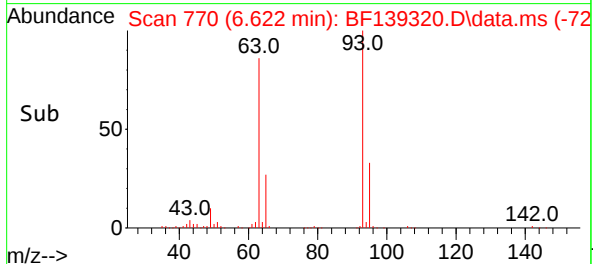
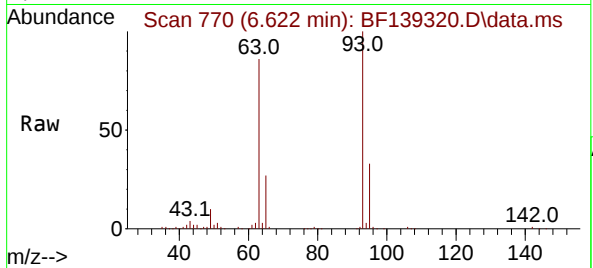




#11
bis(2-Chloroethyl)ether
Concen: 44.510 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

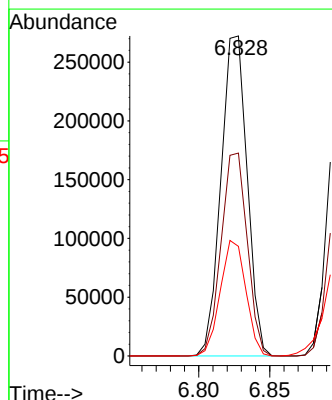
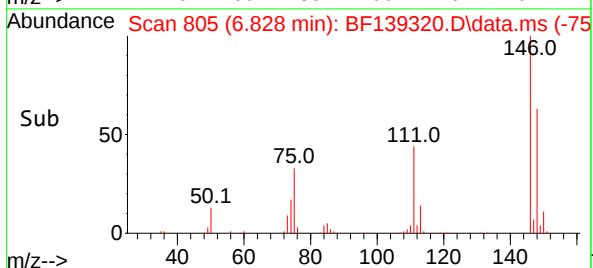
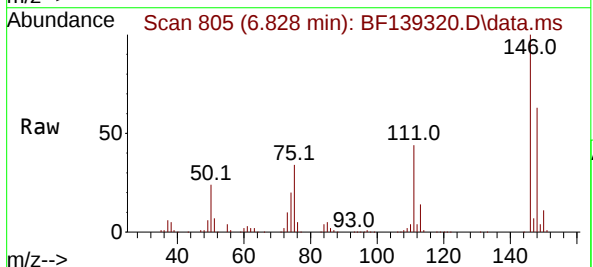
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

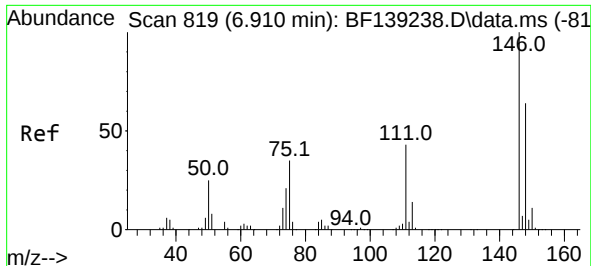
Tgt Ion: 93 Resp: 318935
Ion Ratio Lower Upper
93 100
63 86.0 67.1 107.1
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.964 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:146 Resp: 349645
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
75 34.3 27.3 40.9

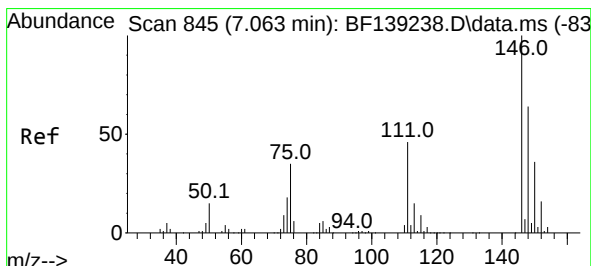
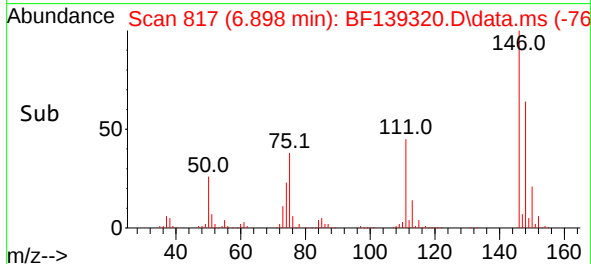
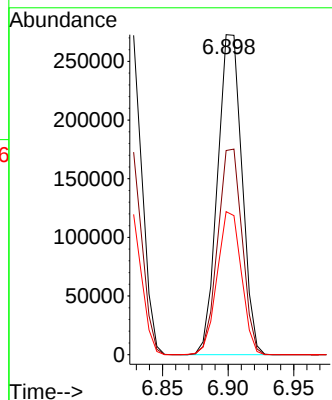
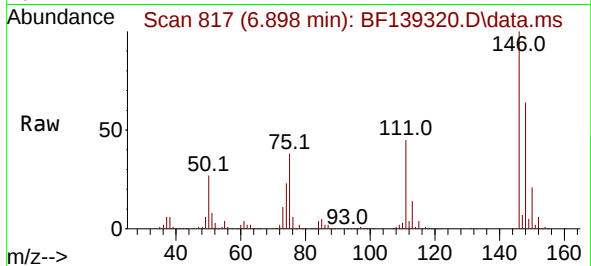




#13
1,4-Dichlorobenzene
Concen: 42.400 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

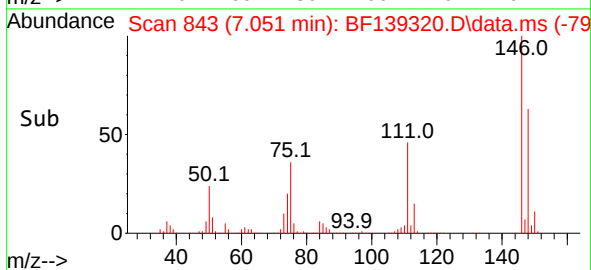
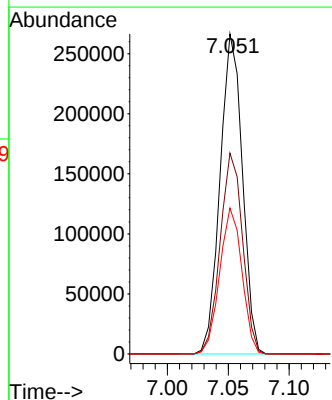
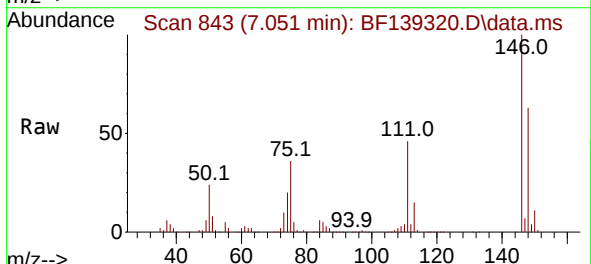
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

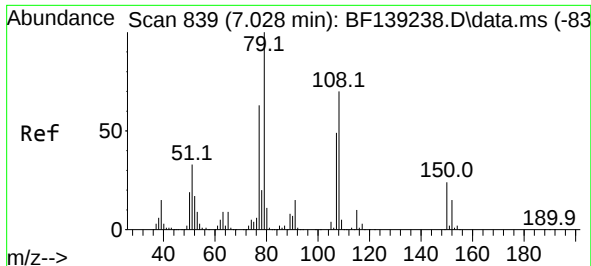
Tgt Ion:146 Resp: 353604
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 44.7 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 43.667 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:146 Resp: 339646
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
111 45.6 36.6 55.0

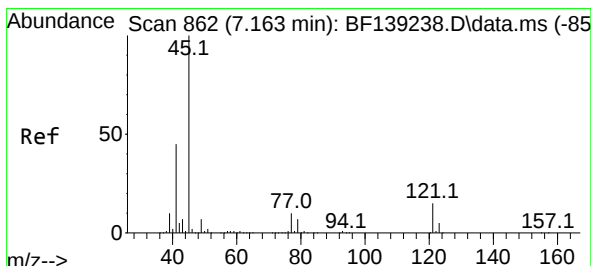
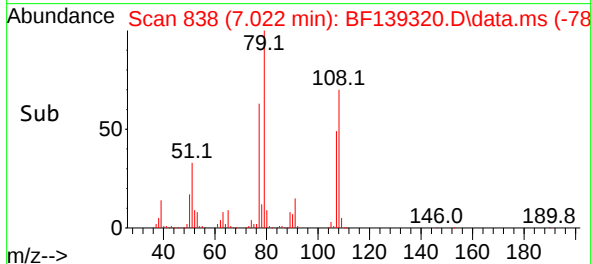
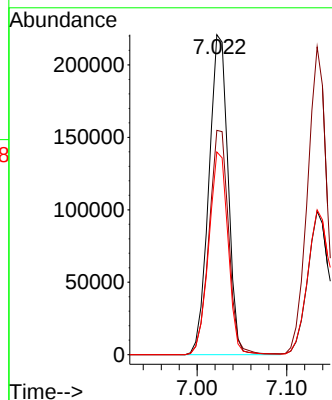
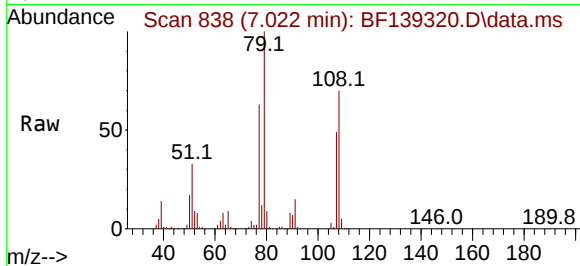




#15
Benzyl Alcohol
Concen: 47.495 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

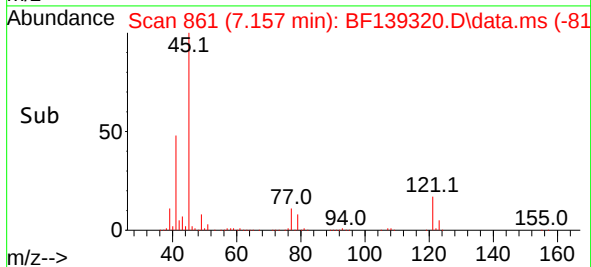
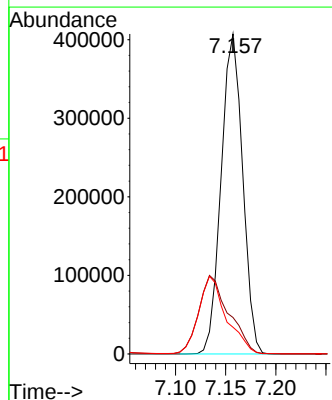
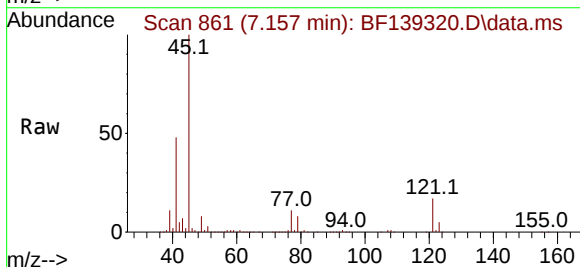
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

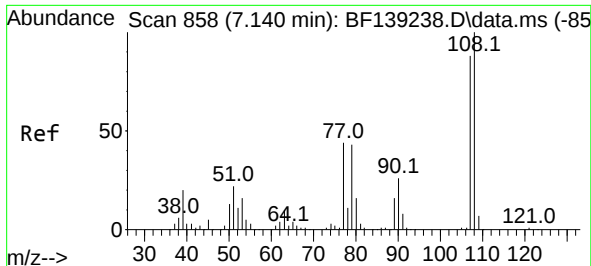
Tgt Ion: 79 Resp: 328434
Ion Ratio Lower Upper
79 100
108 70.1 56.1 84.1
77 63.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.496 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion: 45 Resp: 606949
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.0
79 8.3 0.0 27.6



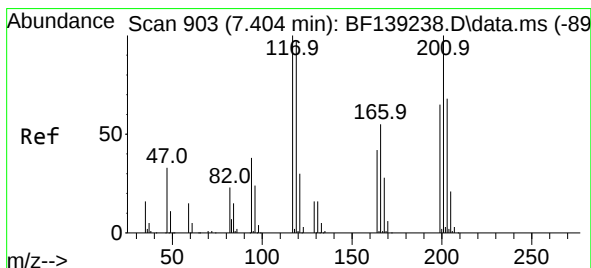
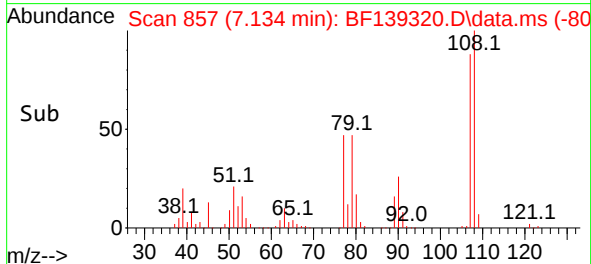
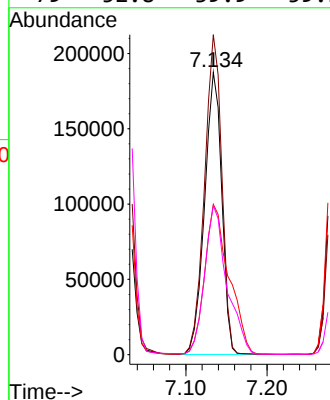
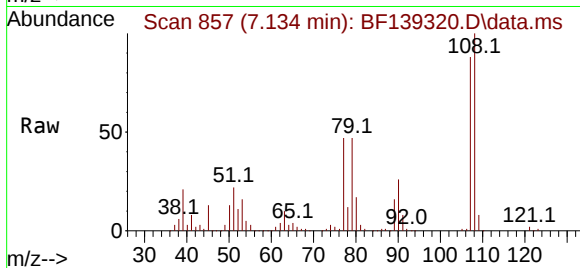


#17
2-Methylphenol
Concen: 45.757 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Instrument :
BNA_F
ClientSampleId :
PB163274BSD

Tgt Ion:107 Resp: 275139

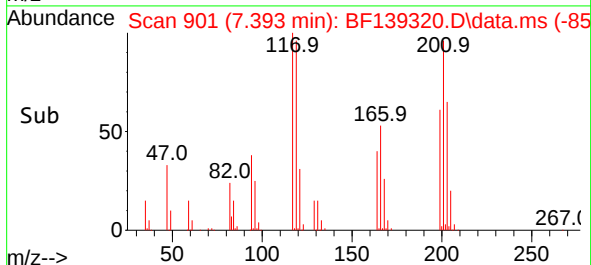
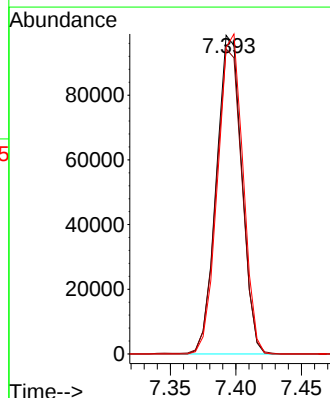
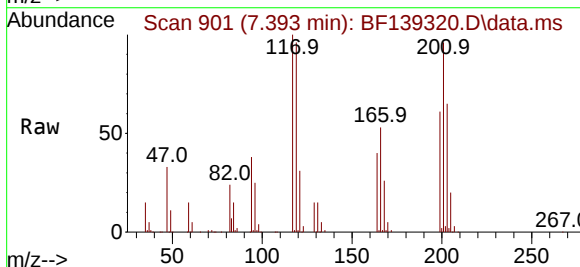
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.4	137.2
77	53.3	40.1	60.1
79	52.8	39.9	59.9



#18
Hexachloroethane
Concen: 44.455 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:117 Resp: 132413

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.2
201	96.2	80.0	120.0



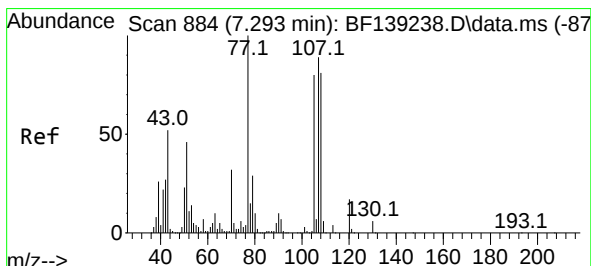
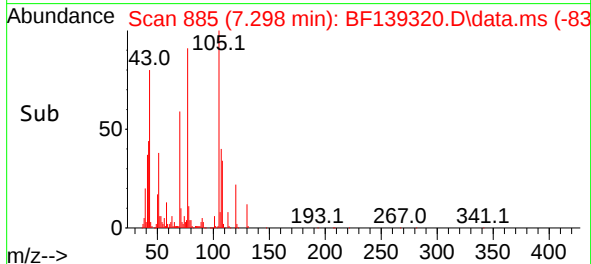
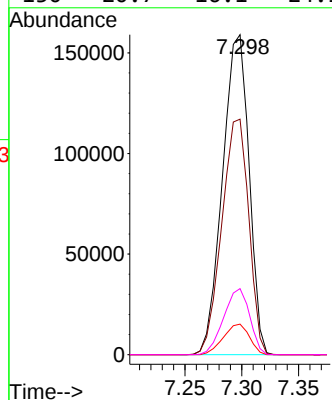
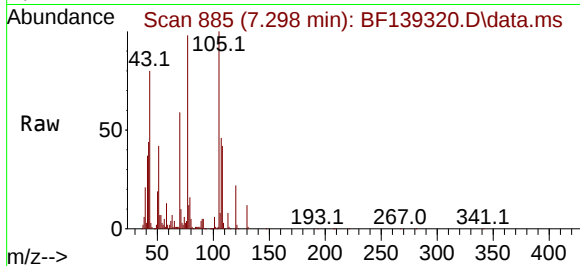


#19
n-Nitroso-di-n-propylamine
Concen: 47.309 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Instrument :
BNA_F
ClientSampleId :
PB163274BSD

Tgt Ion: 70 Resp: 258362

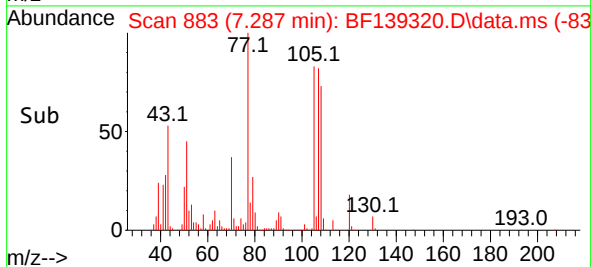
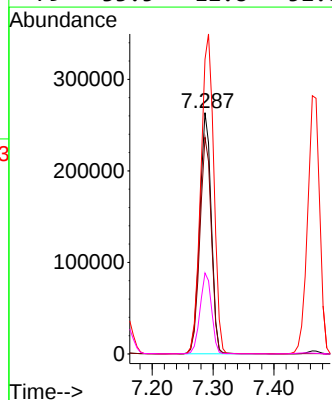
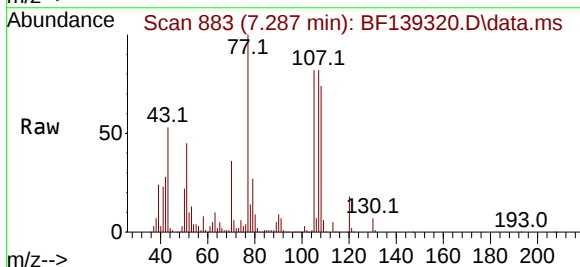
Ion	Ratio	Lower	Upper
70	100		
42	73.6	61.0	91.6
101	9.6	7.2	10.8
130	20.7	16.1	24.1

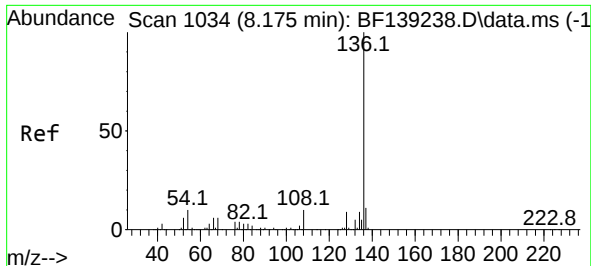


#20
3+4-Methylphenols
Concen: 45.679 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion: 107 Resp: 346171

Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.4	110.4
77	122.0	92.2	132.2
79	33.5	12.8	52.8

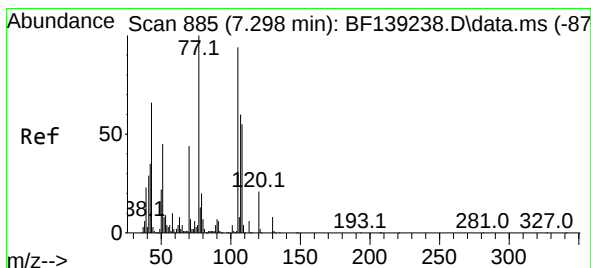
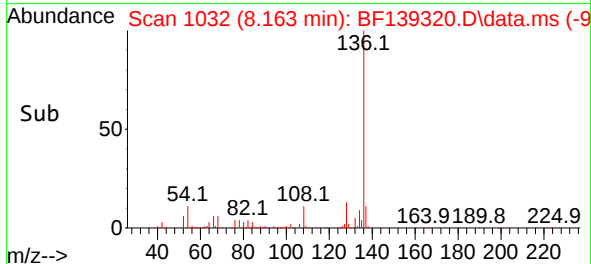
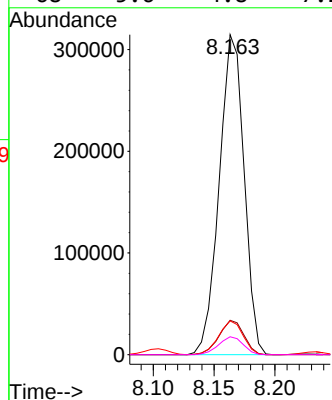
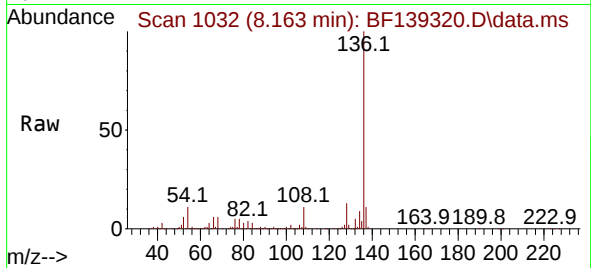




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

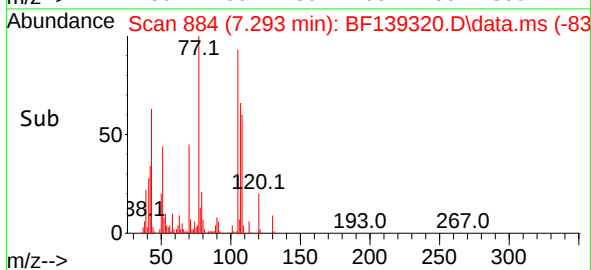
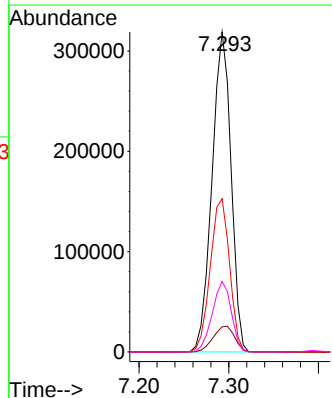
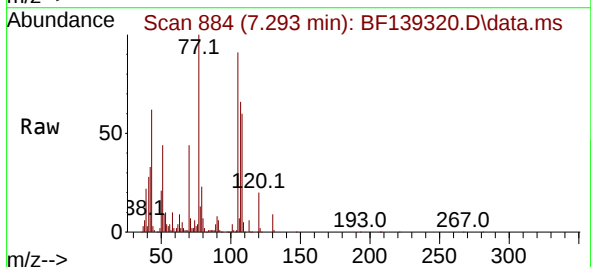
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

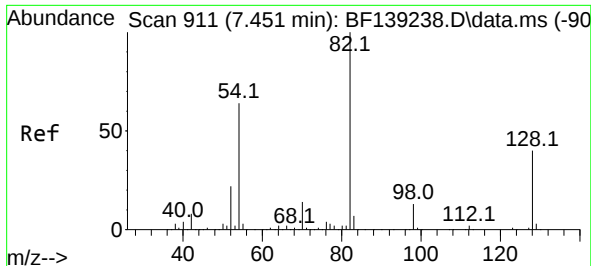
Tgt Ion:136 Resp: 446813
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.6 8.4 12.6
68 5.6 4.8 7.2



#22
Acetophenone
Concen: 44.071 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:105 Resp: 469117
Ion Ratio Lower Upper
105 100
71 7.9 6.2 9.2
51 47.9 38.2 57.2
120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 92.718 ng

RT: 7.446 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

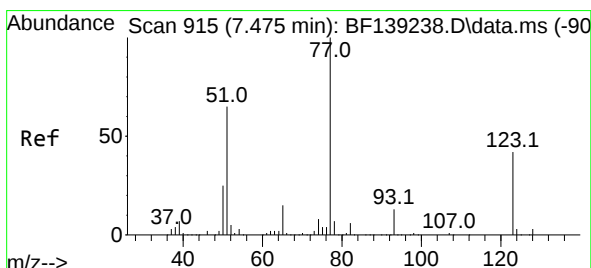
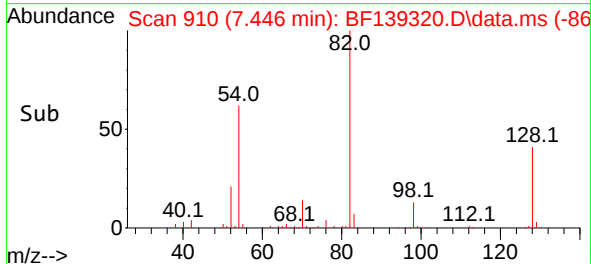
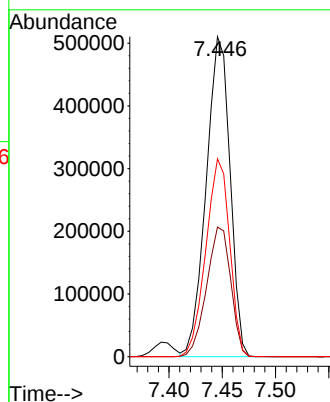
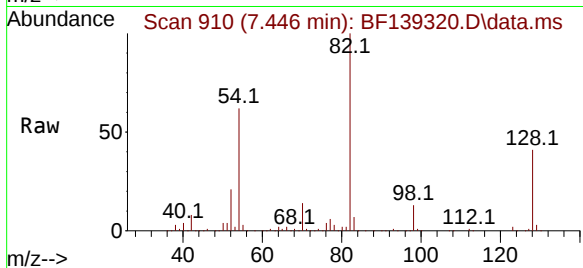
Tgt Ion: 82 Resp: 796334

Ion Ratio Lower Upper

82 100

128 40.5 32.3 48.5

54 61.8 51.2 76.8



#24

Nitrobenzene

Concen: 42.587 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

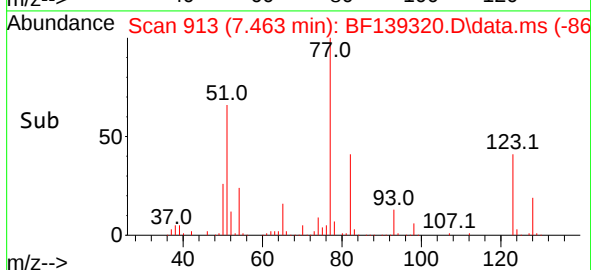
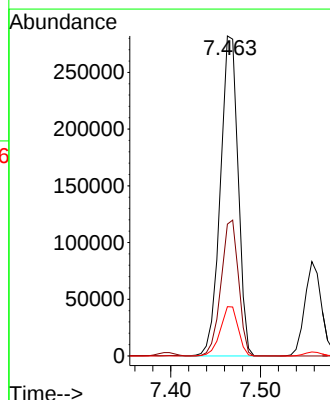
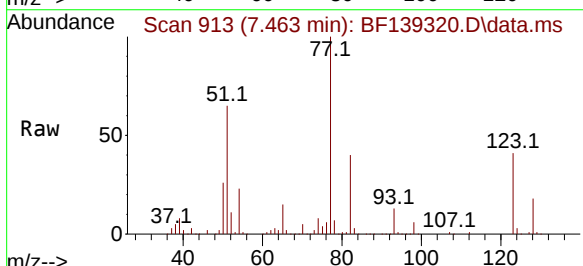
Tgt Ion: 77 Resp: 388229

Ion Ratio Lower Upper

77 100

123 41.2 34.0 51.0

65 15.4 12.1 18.1

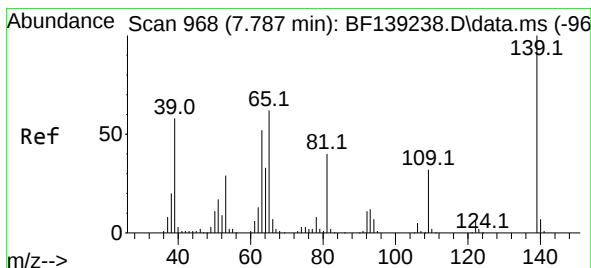
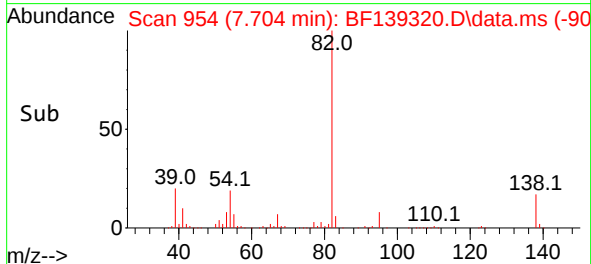
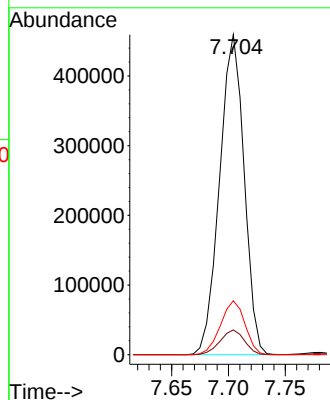
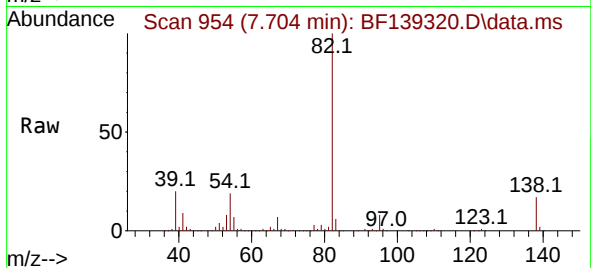




#25
Isophorone
Concen: 46.938 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

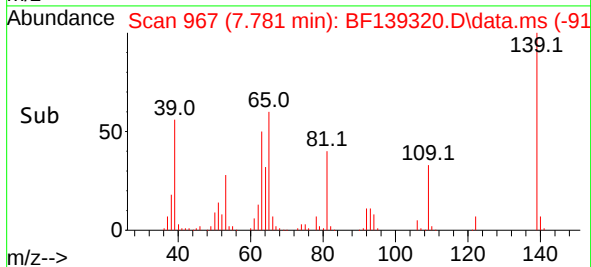
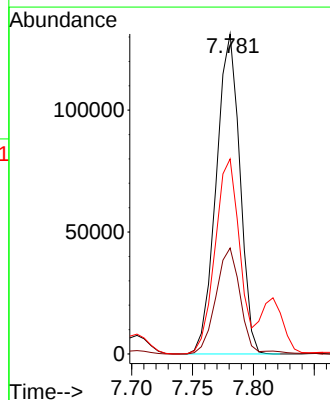
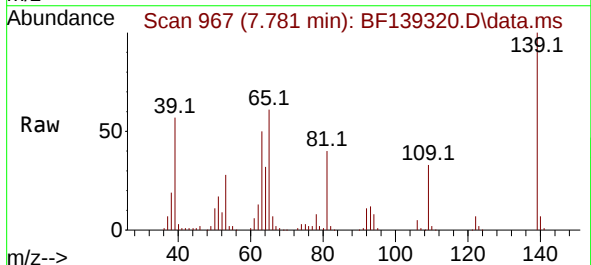
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

Tgt Ion: 82 Resp: 689240
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 16.9 13.4 20.0



#26
2-Nitrophenol
Concen: 49.528 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:139 Resp: 177333
Ion Ratio Lower Upper
139 100
109 33.1 25.4 38.2
65 61.0 49.4 74.2

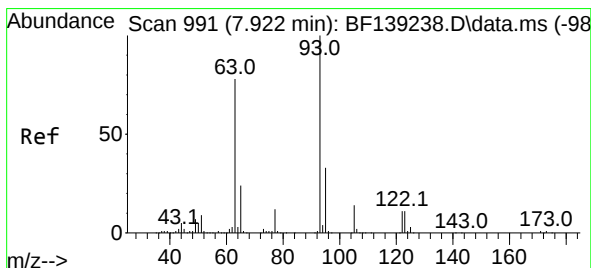
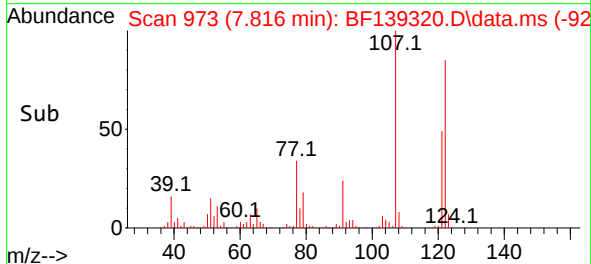
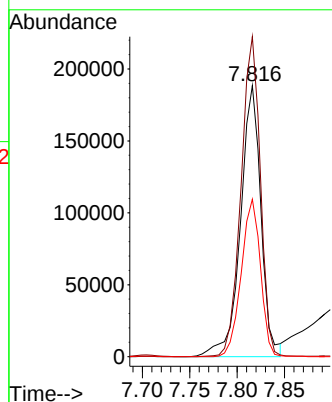
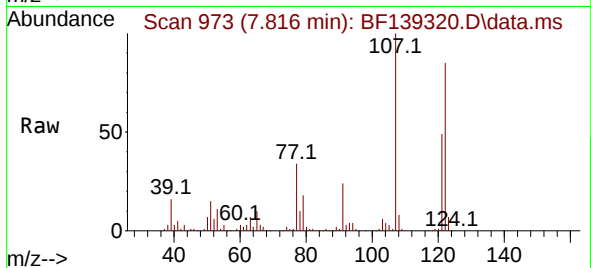




#27
2,4-Dimethylphenol
Concen: 55.387 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

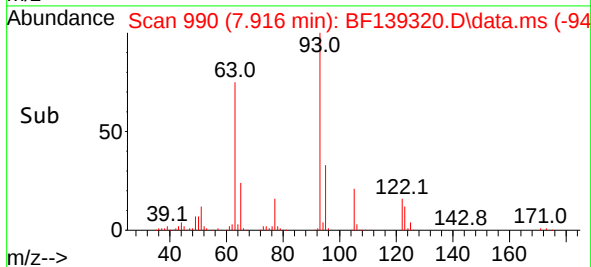
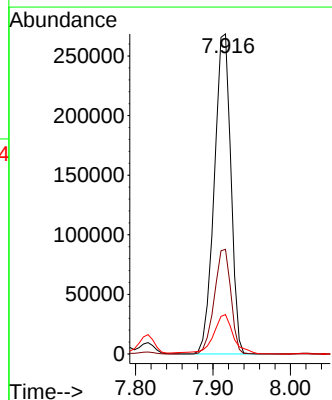
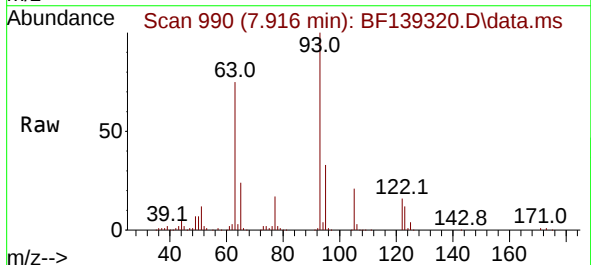
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

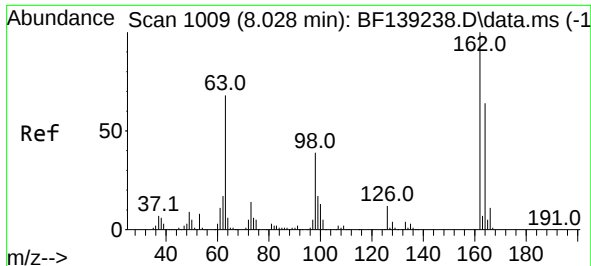
Tgt Ion:122 Resp: 282827
Ion Ratio Lower Upper
122 100
107 118.0 93.4 140.2
121 58.1 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.541 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion: 93 Resp: 398414
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 12.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 46.946 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

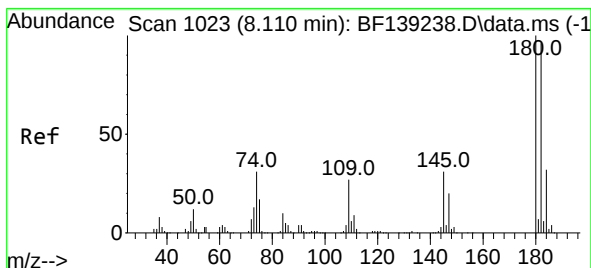
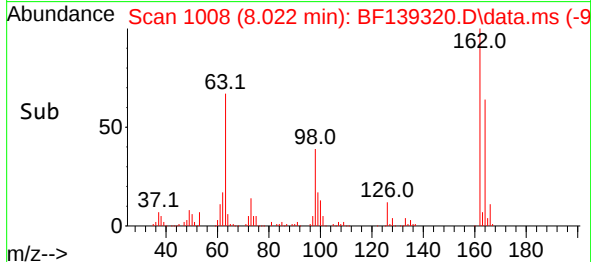
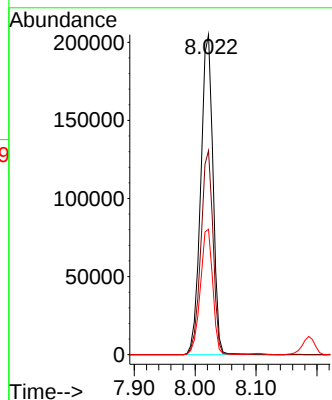
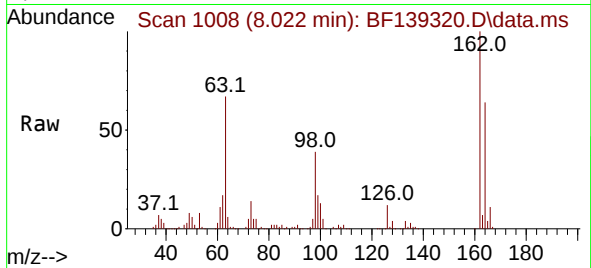
Tgt Ion:162 Resp: 287029

Ion Ratio Lower Upper

162 100

164 63.8 43.6 83.6

98 39.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 43.022 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

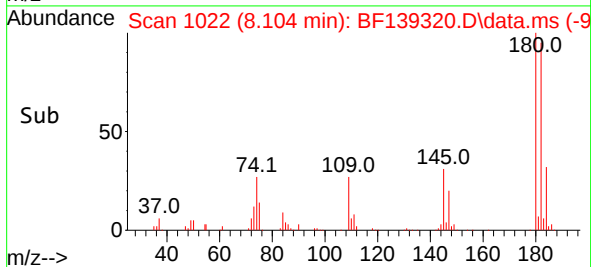
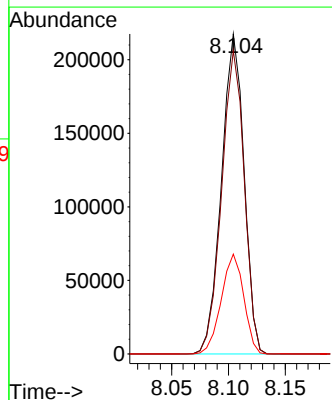
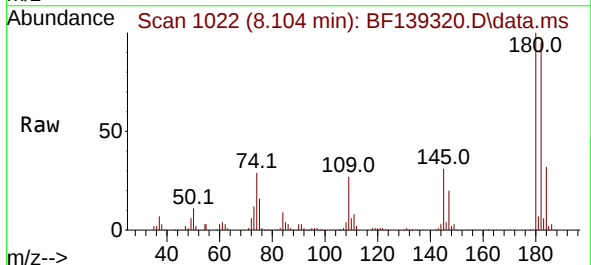
Tgt Ion:180 Resp: 300415

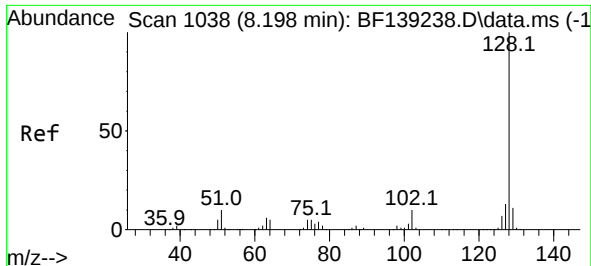
Ion Ratio Lower Upper

180 100

182 94.8 76.5 114.7

145 31.2 25.1 37.7

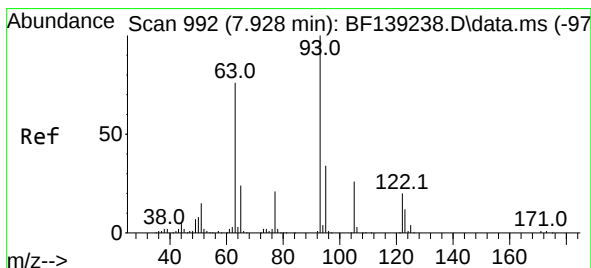
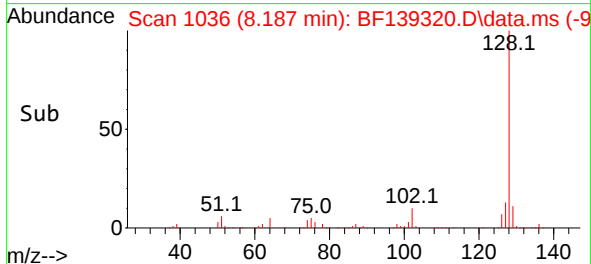
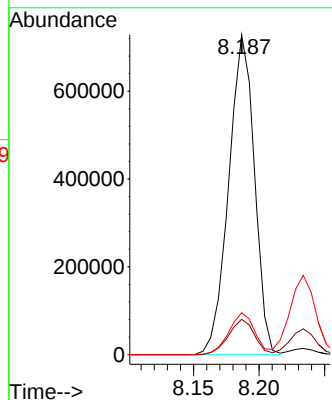
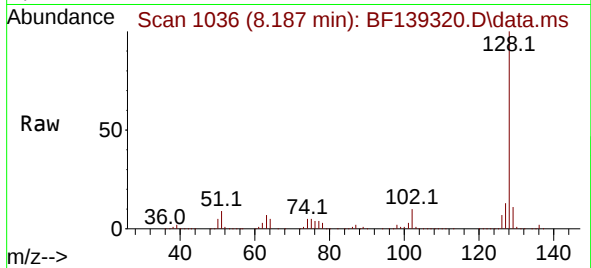




#31
Naphthalene
Concen: 43.984 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

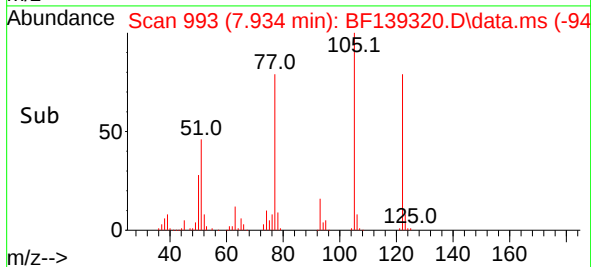
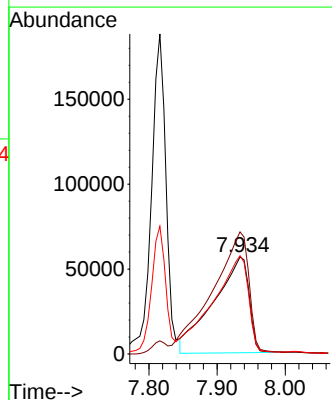
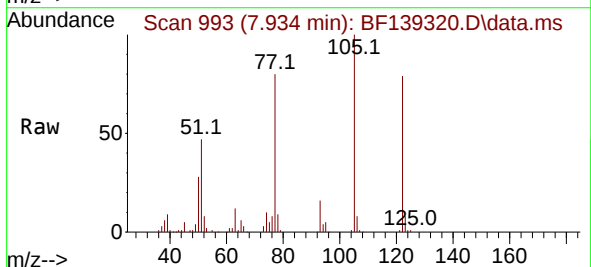
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

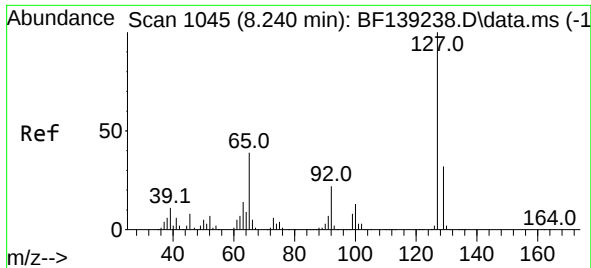
Tgt Ion:128 Resp: 995237
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 44.019 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:122 Resp: 204740
Ion Ratio Lower Upper
122 100
105 125.9 106.3 146.3
77 101.3 84.1 124.1

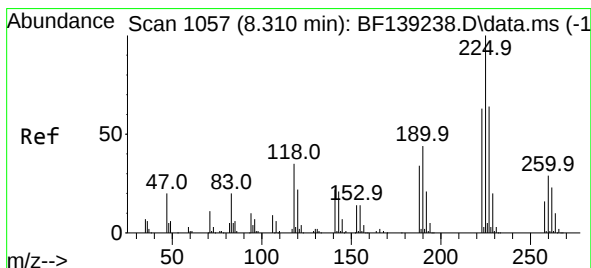
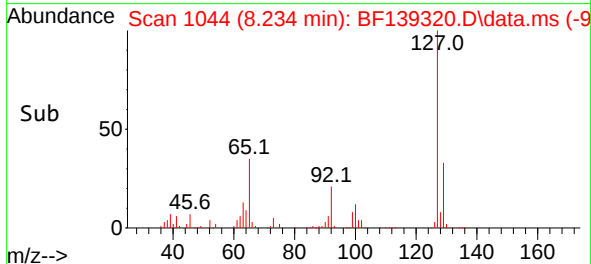
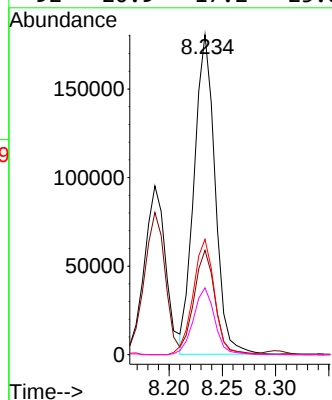
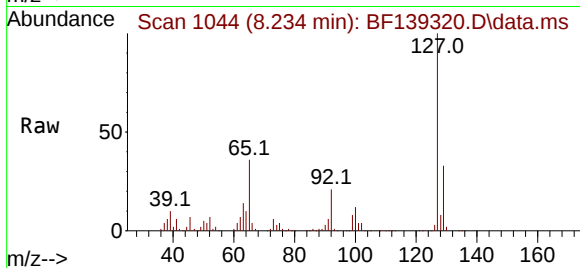




#33
4-Chloroaniline
Concen: 31.572 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

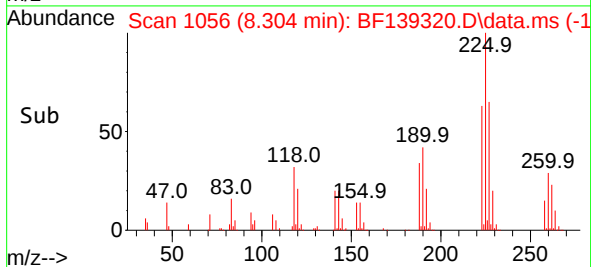
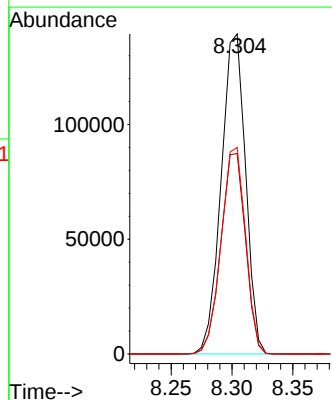
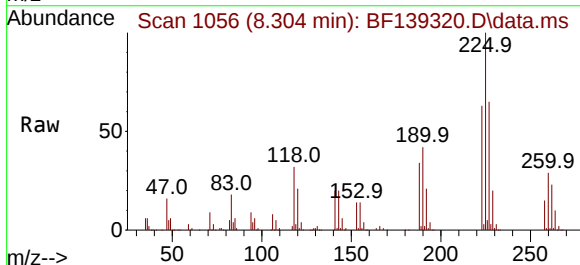
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

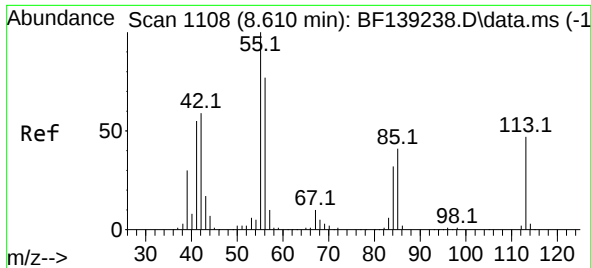
Tgt Ion:	127	Resp:	247359
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	36.0	30.6	45.8
92	20.9	17.2	25.8



#34
Hexachlorobutadiene
Concen: 44.009 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:	225	Resp:	194727
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	64.6	51.5	77.3

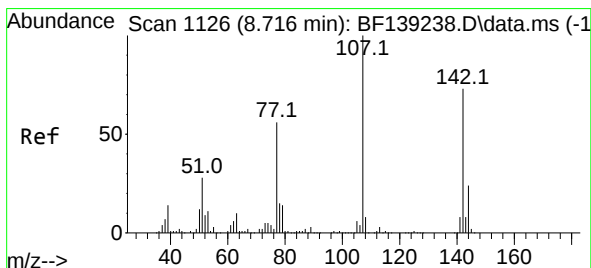
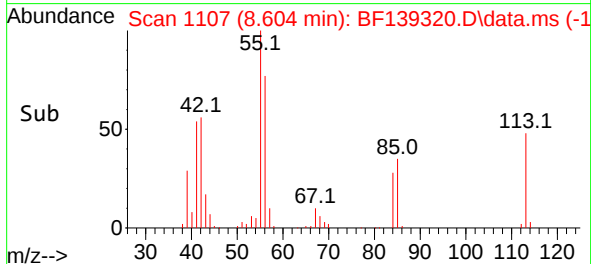
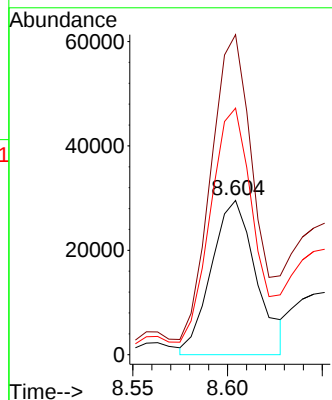
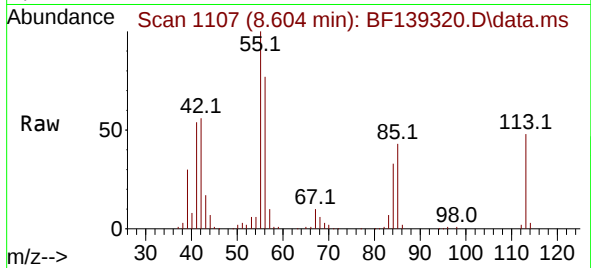




#35
Caprolactam
Concen: 25.780 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

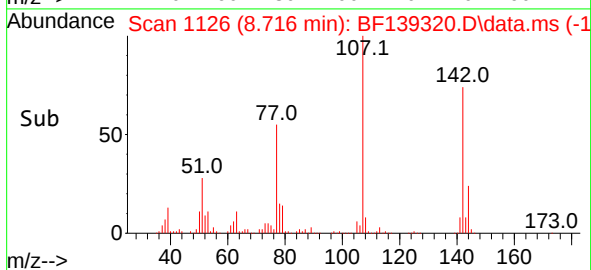
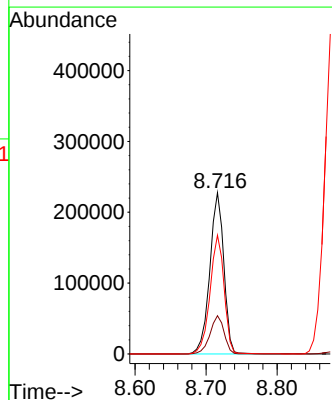
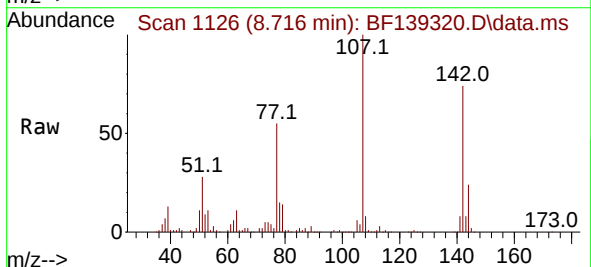
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

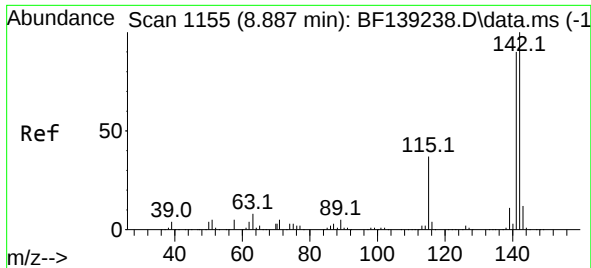
Tgt Ion:113 Resp: 48795
Ion Ratio Lower Upper
113 100
55 207.4 193.7 233.7
56 159.8 145.0 185.0



#36
4-Chloro-3-methylphenol
Concen: 47.018 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:107 Resp: 313258
Ion Ratio Lower Upper
107 100
144 23.7 19.1 28.7
142 73.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 45.971 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

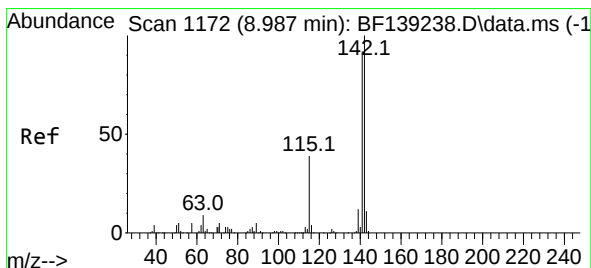
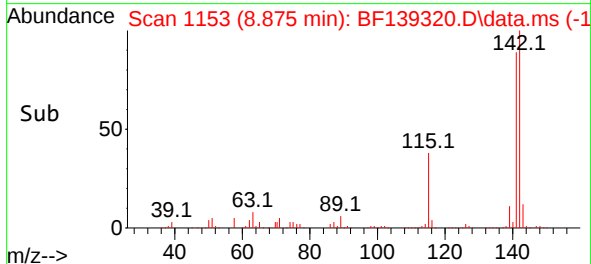
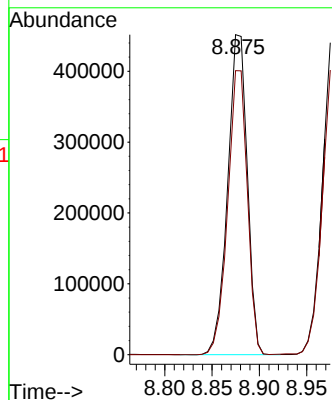
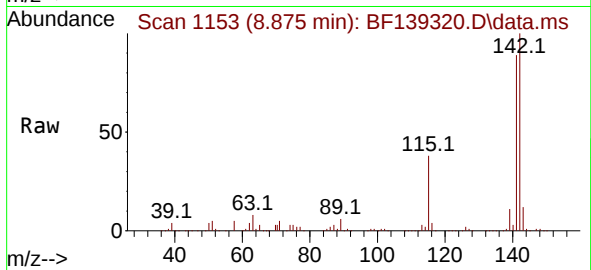
PB163274BSD

Tgt Ion:142 Resp: 650791

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4



#38

1-Methylnaphthalene

Concen: 43.797 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF139320.D

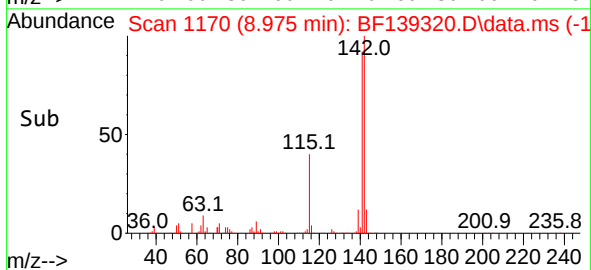
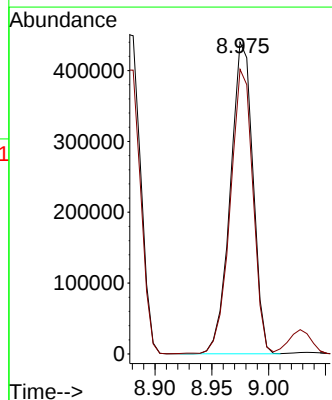
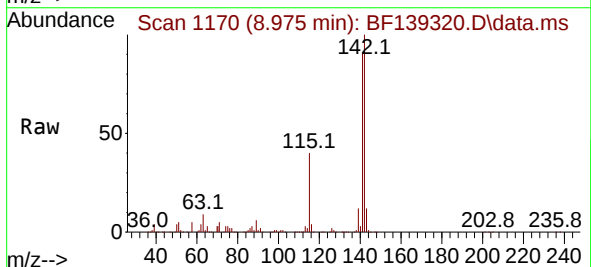
Acq: 11 Sep 2024 12:44

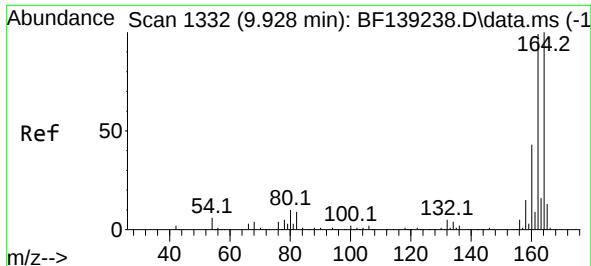
Tgt Ion:142 Resp: 609792

Ion Ratio Lower Upper

142 100

141 91.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

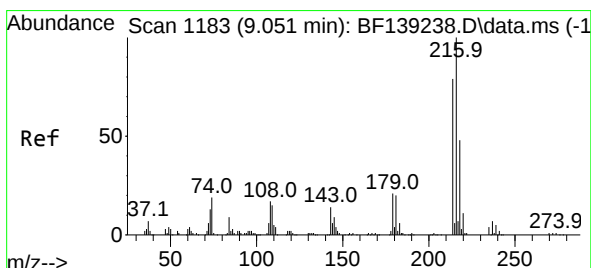
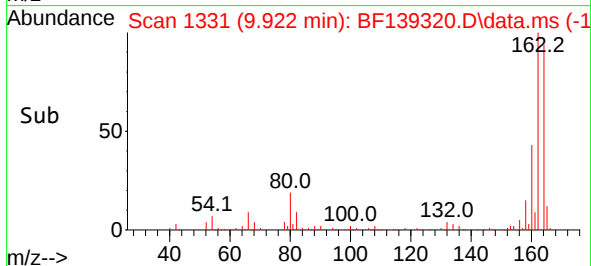
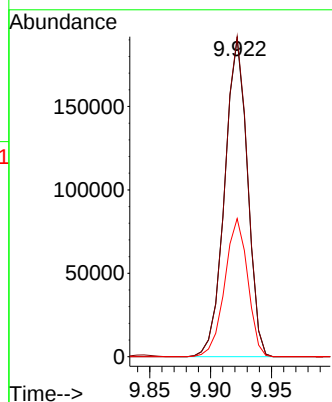
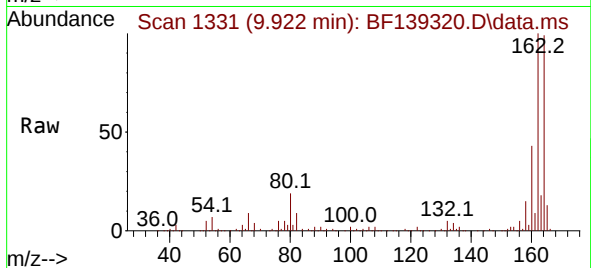
Tgt Ion:164 Resp: 248390

Ion Ratio Lower Upper

164 100

162 100.8 79.2 118.8

160 43.5 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.280 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Tgt Ion:216 Resp: 304156

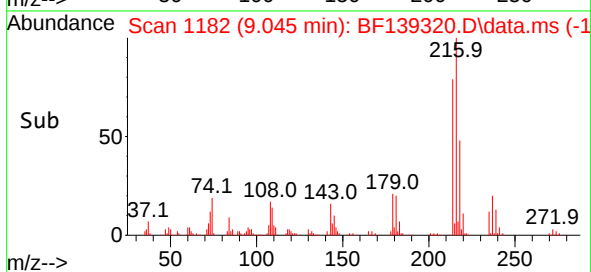
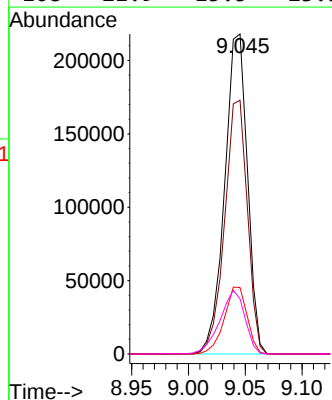
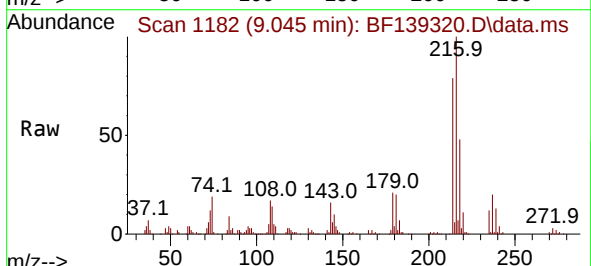
Ion Ratio Lower Upper

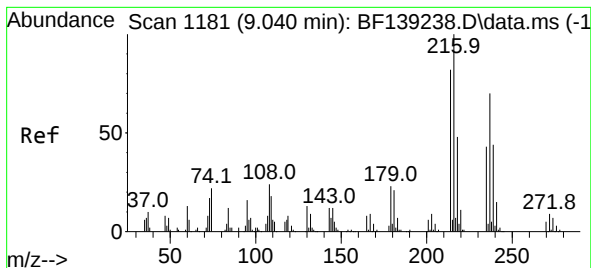
216 100

214 79.1 63.8 95.8

179 21.0 16.9 25.3

108 21.9 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 171.739 ng

RT: 9.028 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

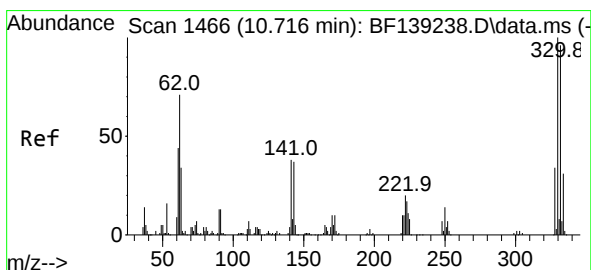
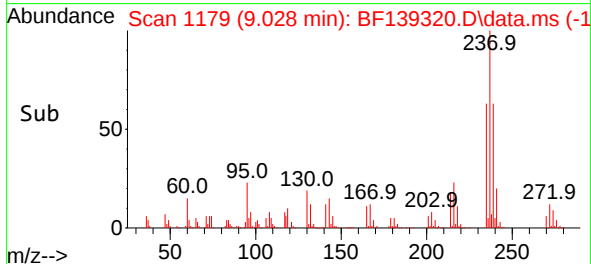
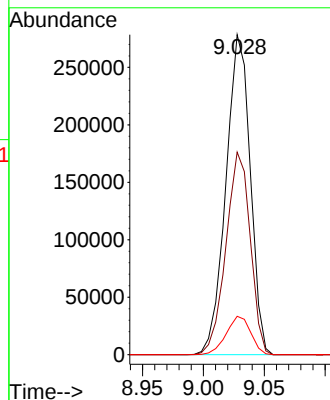
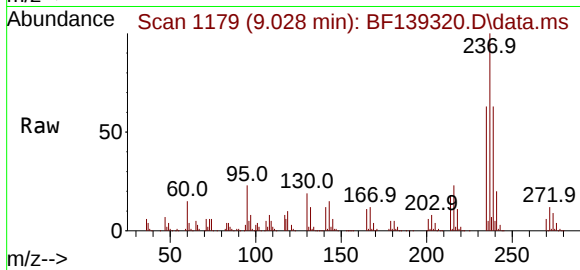
Tgt Ion:237 Resp: 387874

Ion Ratio Lower Upper

237 100

235 63.3 41.4 81.4

272 12.0 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 150.447 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

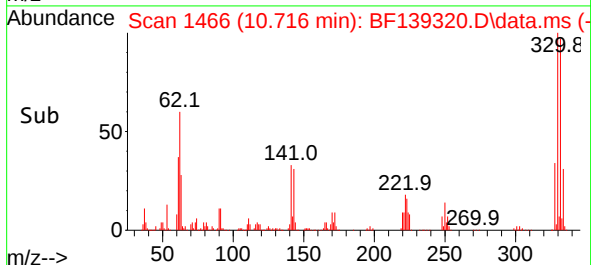
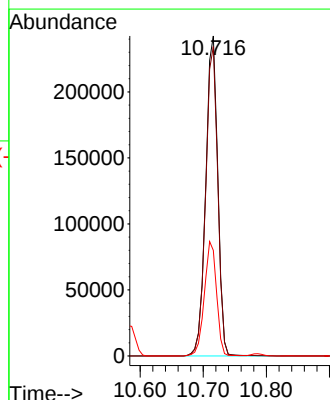
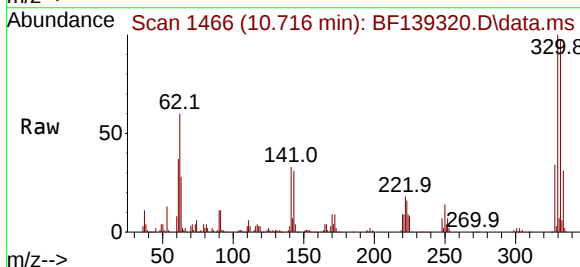
Tgt Ion:330 Resp: 322691

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

141 36.1 30.1 45.1

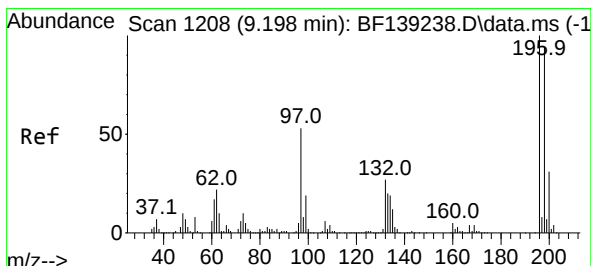
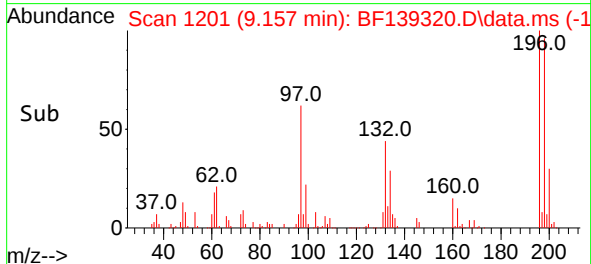
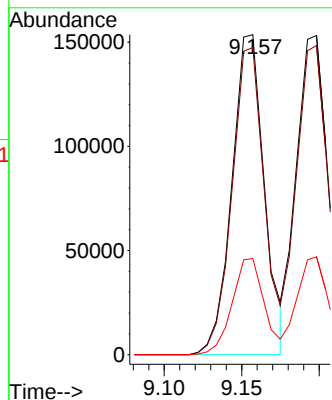
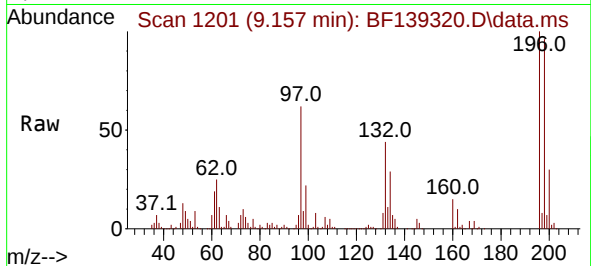




#43
2,4,6-Trichlorophenol
Concen: 48.609 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

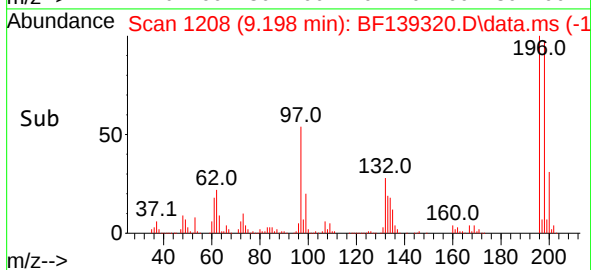
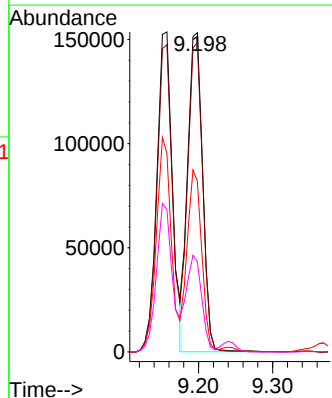
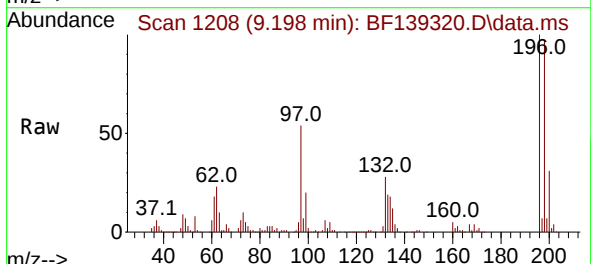
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

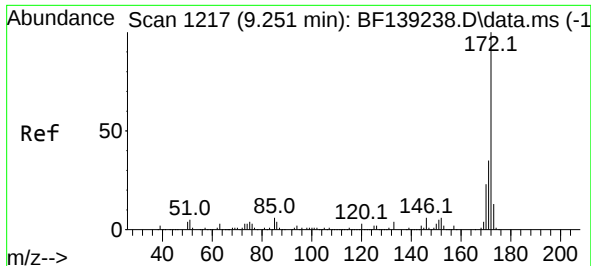
Tgt Ion:196 Resp: 223508
Ion Ratio Lower Upper
196 100
198 96.0 77.0 115.4
200 30.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.910 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:196 Resp: 216396
Ion Ratio Lower Upper
196 100
198 96.9 75.6 113.4
97 53.5 43.6 65.4
132 28.3 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 92.423 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

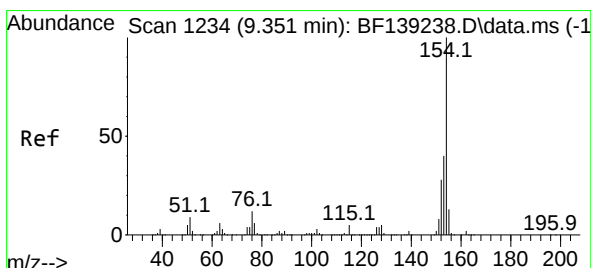
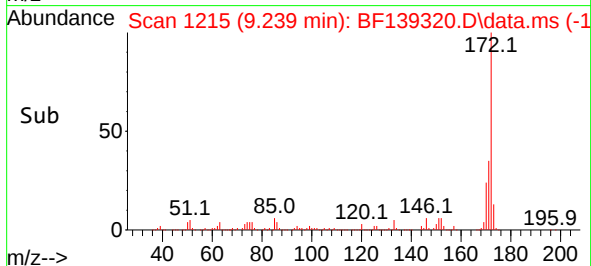
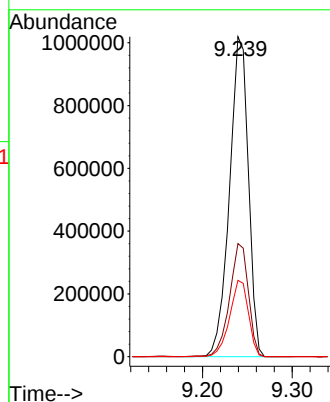
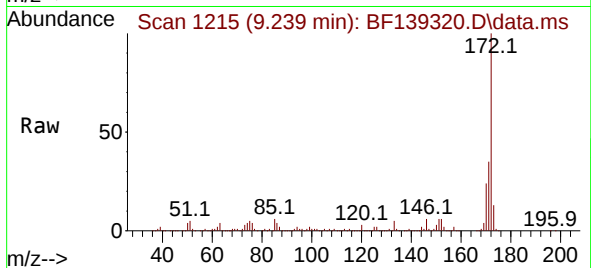
Tgt Ion:172 Resp: 1487197

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.8 18.7 28.1



#46

1,1'-Biphenyl

Concen: 44.481 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

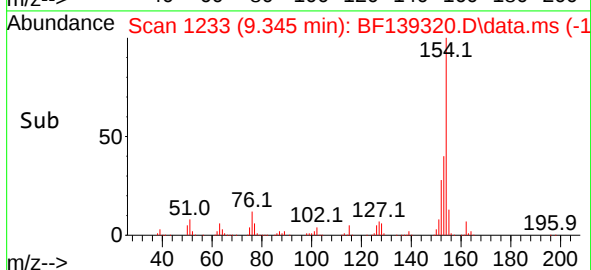
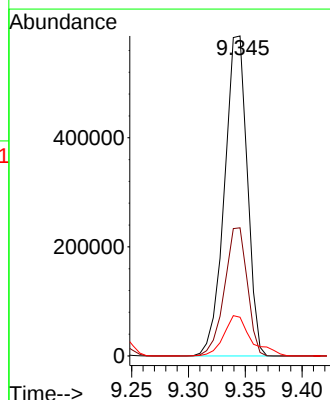
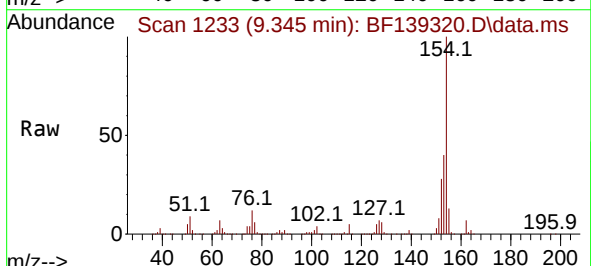
Tgt Ion:154 Resp: 818603

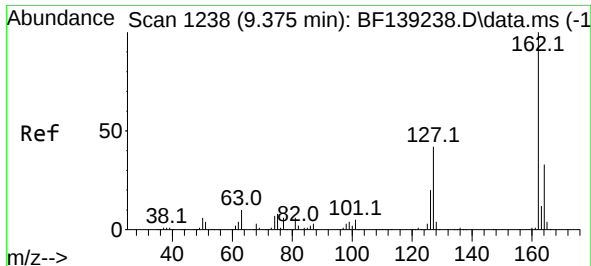
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 12.1 0.0 32.3





#47

2-Chloronaphthalene

Concen: 43.756 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

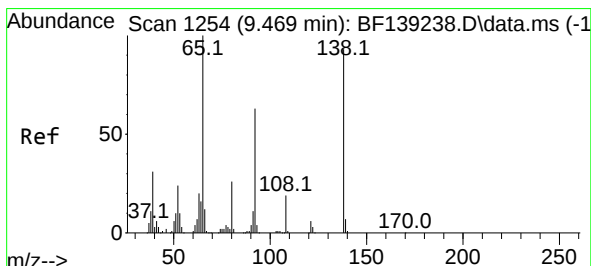
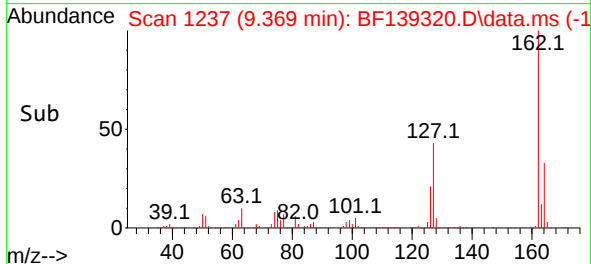
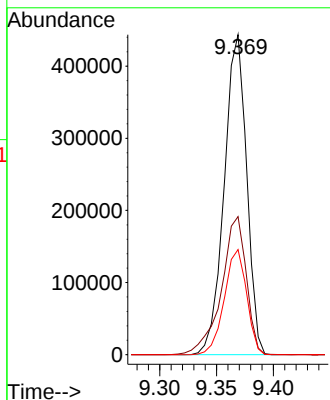
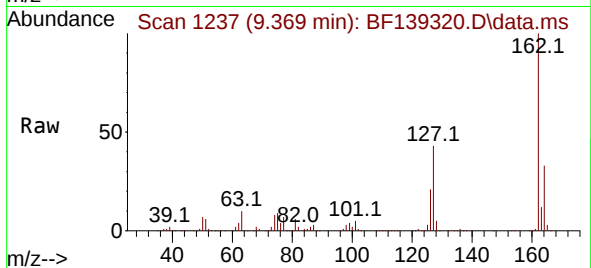
Tgt Ion:162 Resp: 608041

Ion Ratio Lower Upper

162 100

127 43.2 34.2 51.4

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 48.322 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

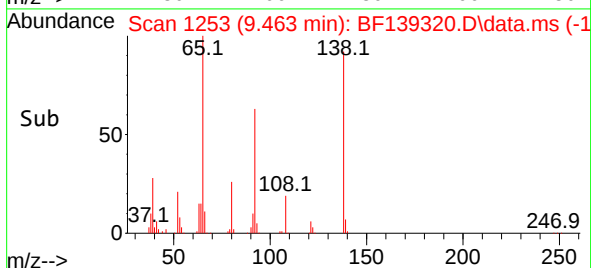
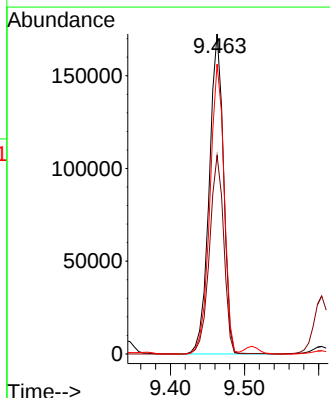
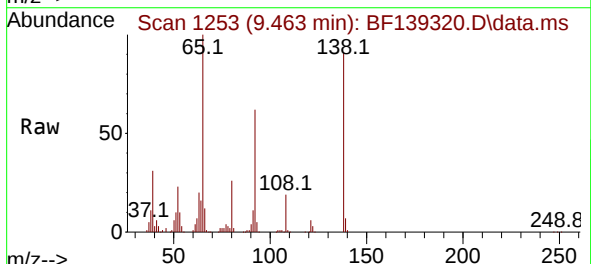
Tgt Ion: 65 Resp: 231285

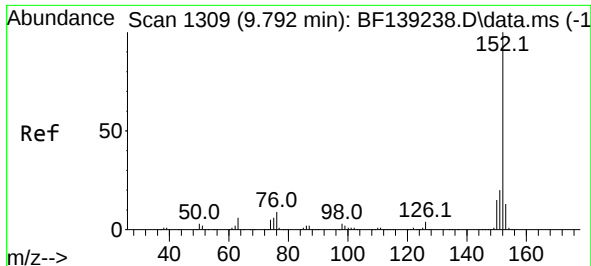
Ion Ratio Lower Upper

65 100

92 62.1 50.4 75.6

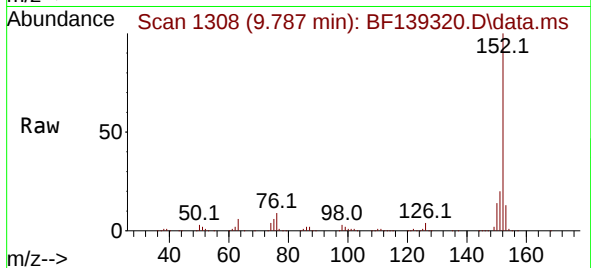
138 90.6 74.2 111.4



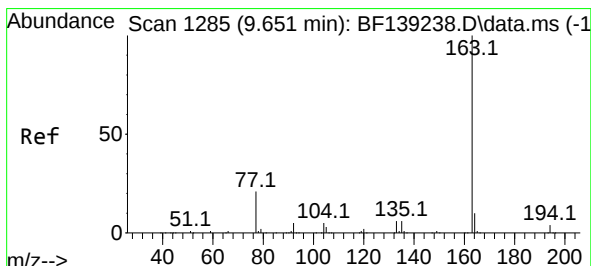
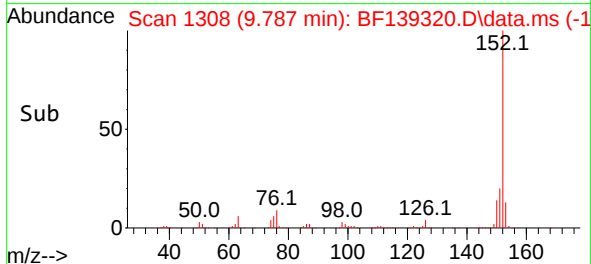
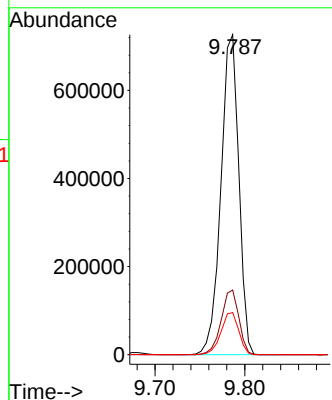


#49
Acenaphthylene
Concen: 48.011 ng
RT: 9.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Instrument :
BNA_F
ClientSampleId :
PB163274BSD

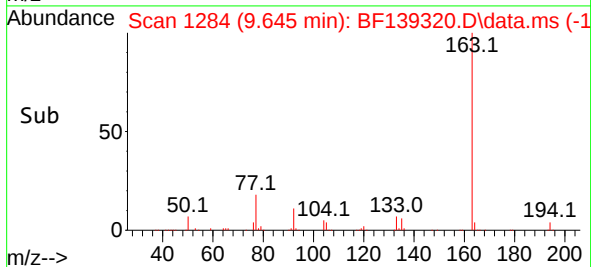
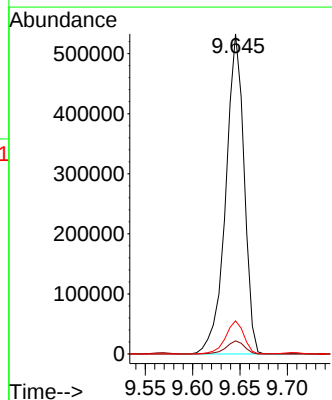
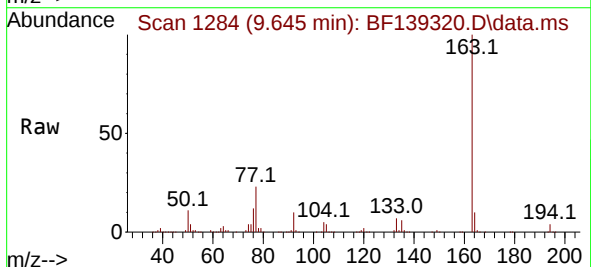


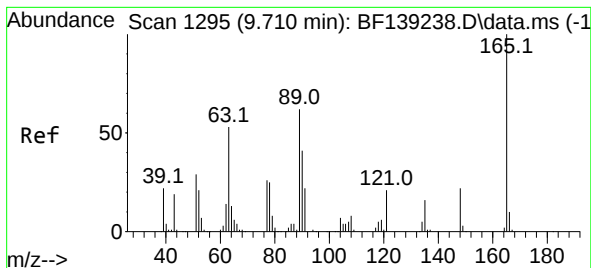
Tgt Ion:152 Resp: 1004840
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 47.804 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:163 Resp: 719690
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 7.9 11.9

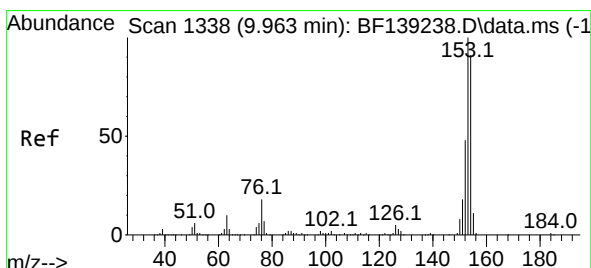
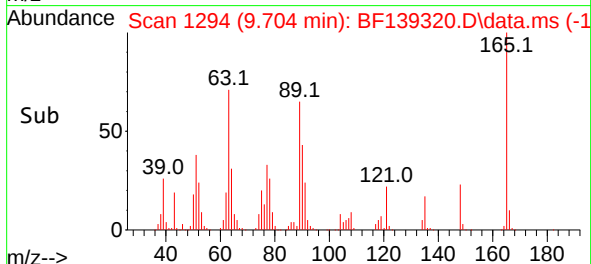
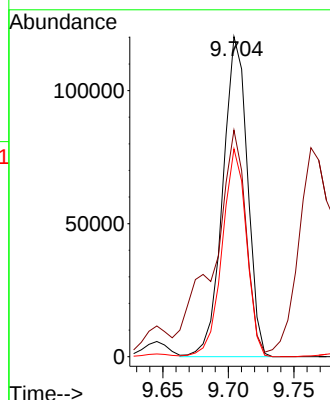
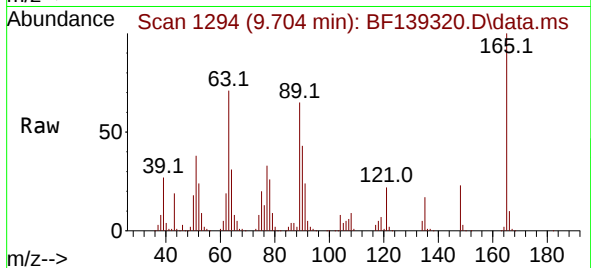




#51
2,6-Dinitrotoluene
Concen: 45.893 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

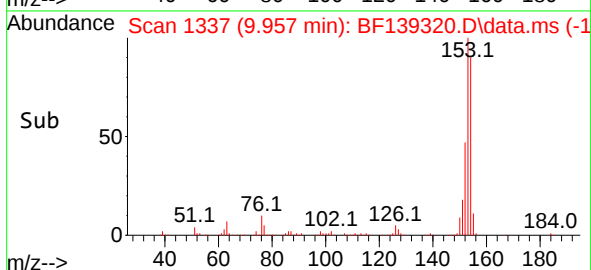
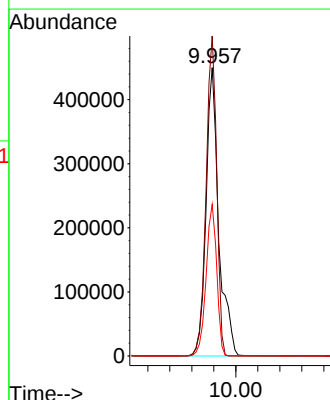
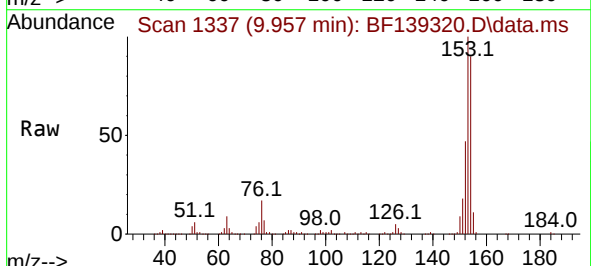
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

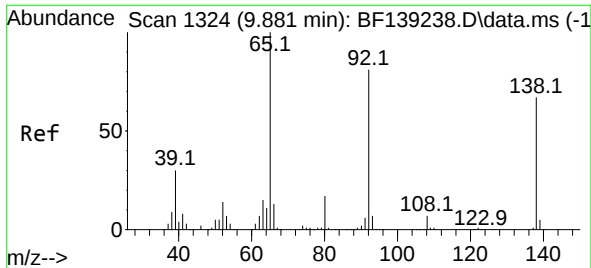
Tgt Ion:165 Resp: 156743
Ion Ratio Lower Upper
165 100
63 70.8 56.1 84.1
89 65.0 49.7 74.5



#52
Acenaphthene
Concen: 51.848 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:154 Resp: 719741
Ion Ratio Lower Upper
154 100
153 111.0 87.8 131.6
152 52.6 41.7 62.5

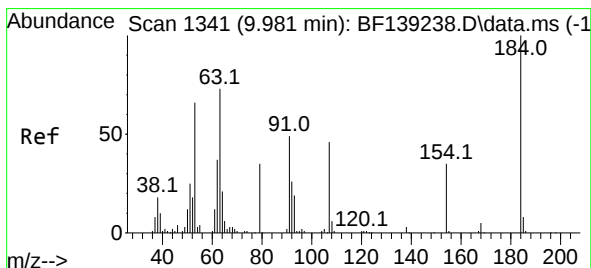
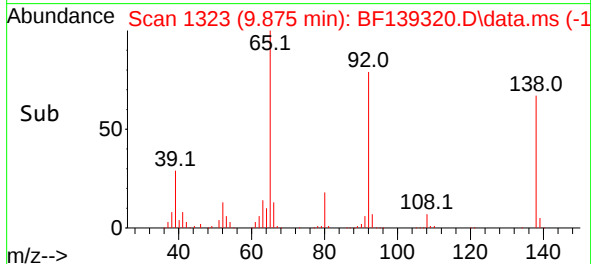
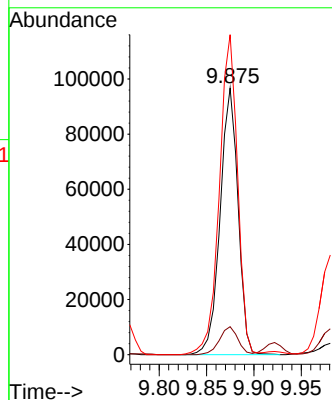
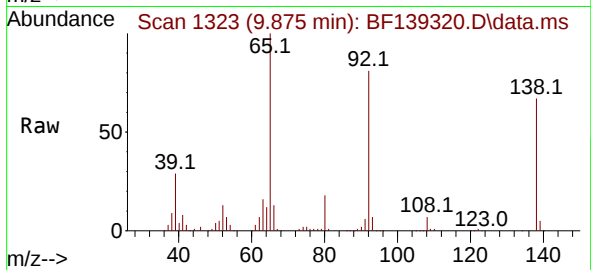




#53
3-Nitroaniline
Concen: 35.022 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

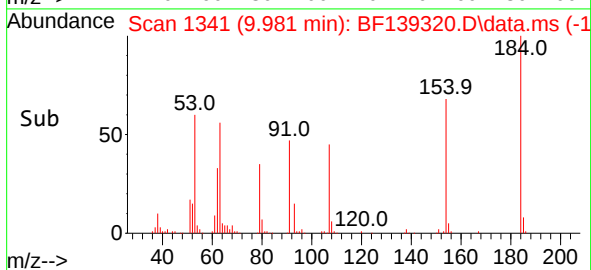
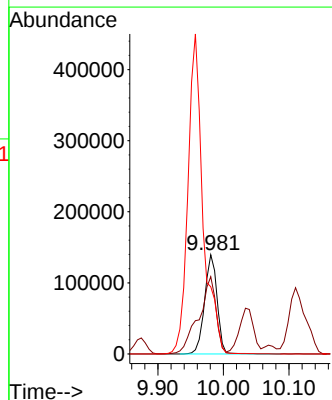
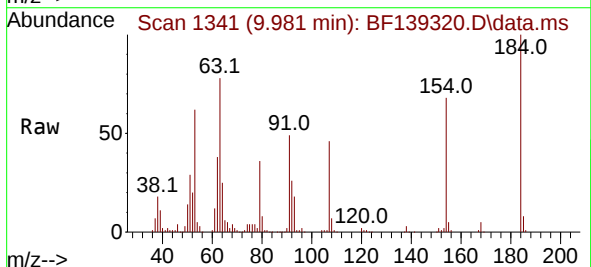
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

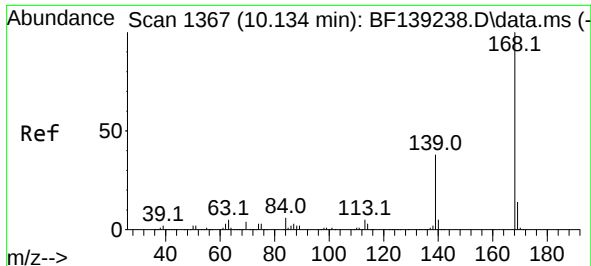
Tgt Ion:138 Resp: 127443
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 120.0 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 101.754 ng
RT: 9.981 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:184 Resp: 186124
Ion Ratio Lower Upper
184 100
63 77.8 66.4 99.6
154 67.7 97.0 145.6#

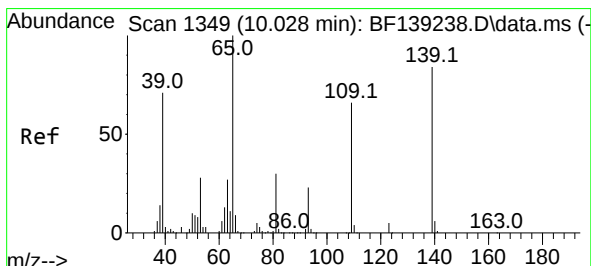
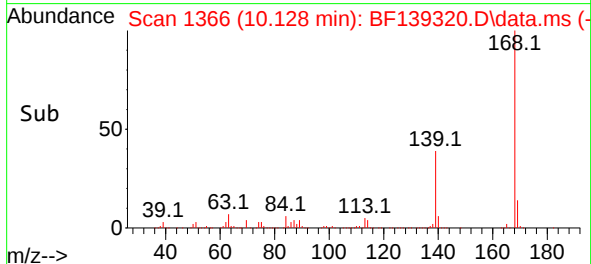
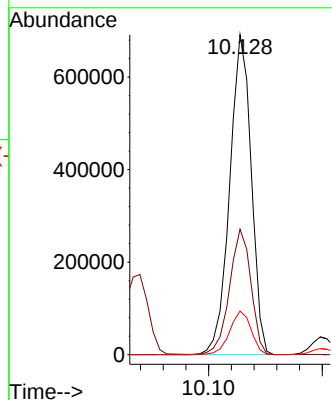
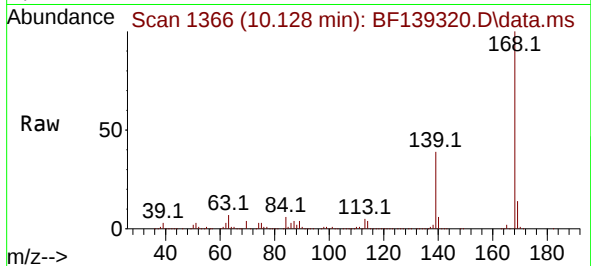




#55
Dibenzenofuran
Concen: 45.794 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

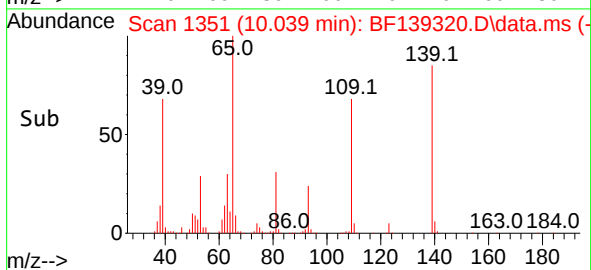
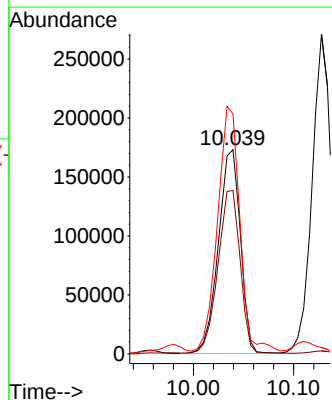
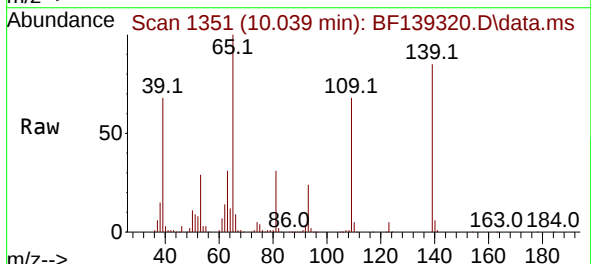
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

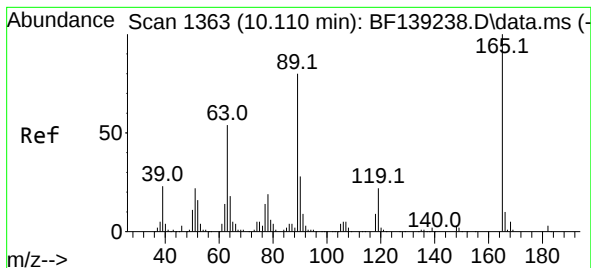
Tgt Ion:168 Resp: 911418
Ion Ratio Lower Upper
168 100
139 39.2 30.2 45.4
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 98.445 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:139 Resp: 264406
Ion Ratio Lower Upper
139 100
109 80.0 58.7 98.7
65 117.5 100.3 140.3

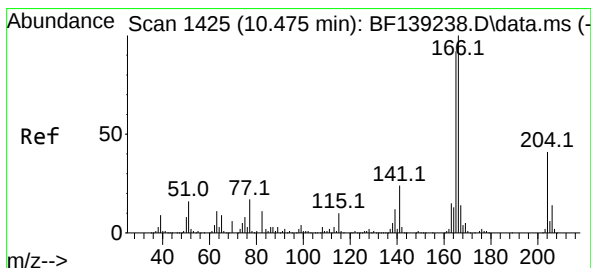
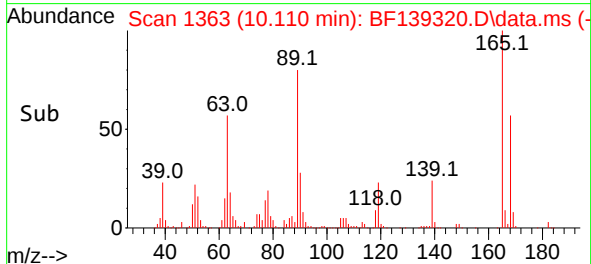
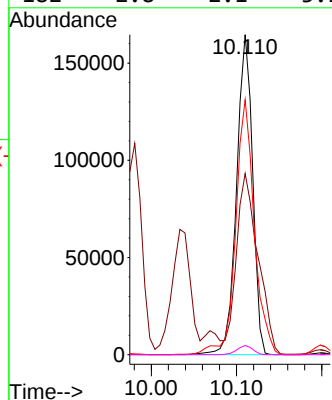
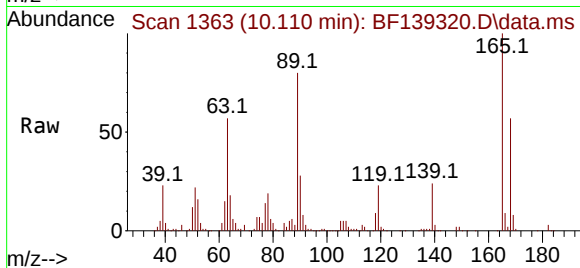




#57
2,4-Dinitrotoluene
Concen: 49.599 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

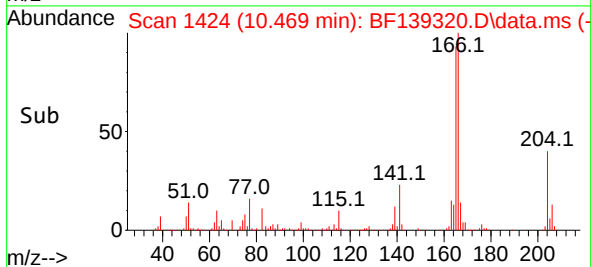
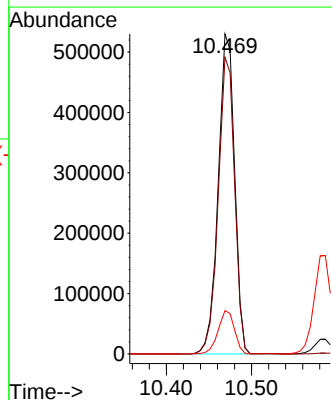
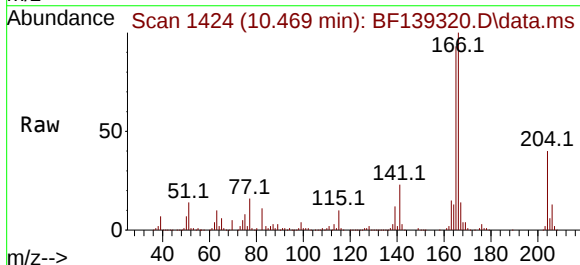
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

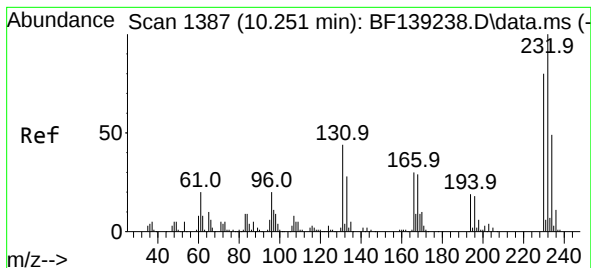
Tgt Ion:165 Resp: 215613
Ion Ratio Lower Upper
165 100
63 56.6 43.4 65.0
89 79.7 64.2 96.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 46.054 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:166 Resp: 710636
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 13.5 10.9 16.3

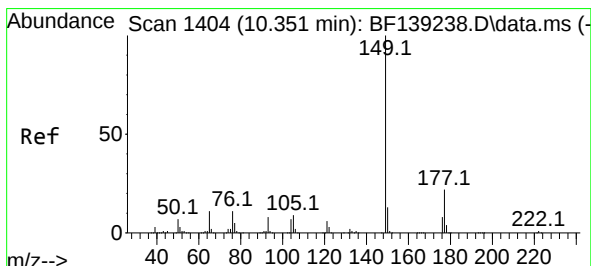
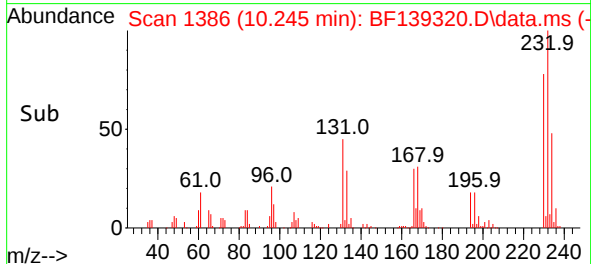
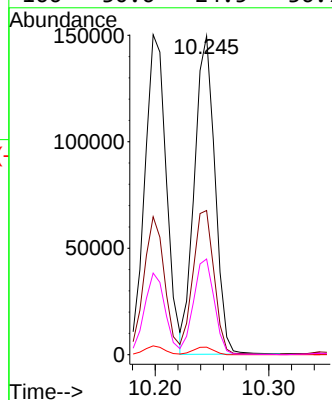
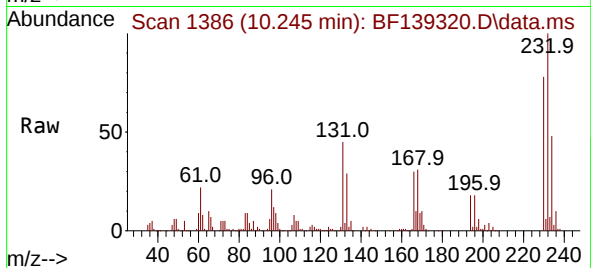




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.408 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

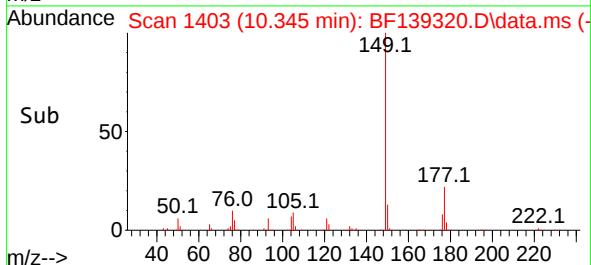
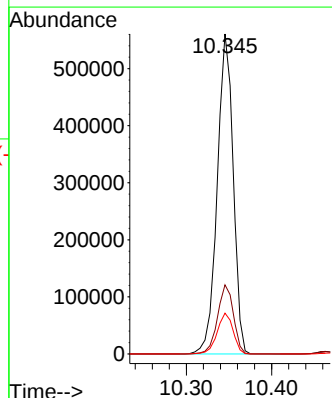
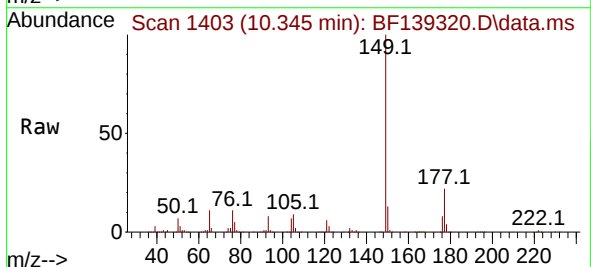
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

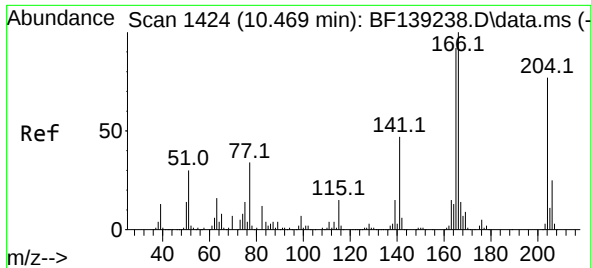
Tgt Ion:232 Resp: 187399
Ion Ratio Lower Upper
232 100
131 47.0 37.7 56.5
130 2.4 1.9 2.9
166 30.6 24.5 36.7



#60
Diethylphthalate
Concen: 49.188 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:149 Resp: 728745
Ion Ratio Lower Upper
149 100
177 21.6 17.7 26.5
150 12.7 10.2 15.2

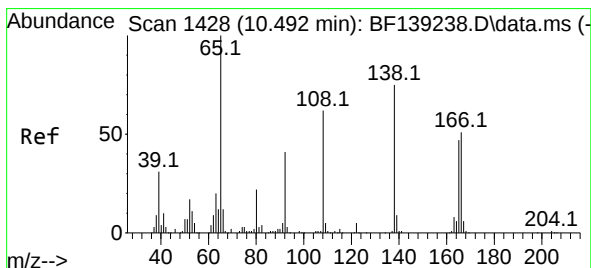
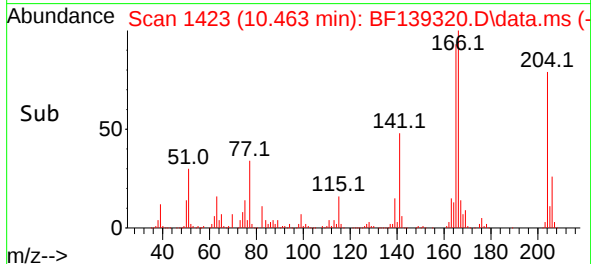
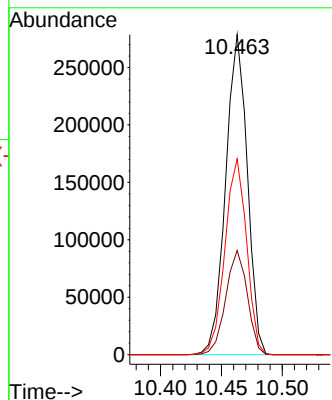
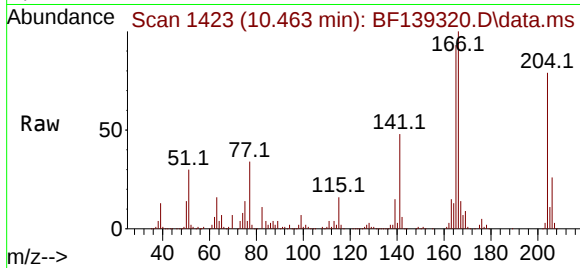




#61
4-Chlorophenyl-phenylether
Concen: 46.379 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

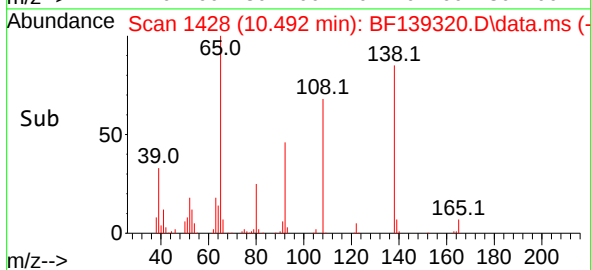
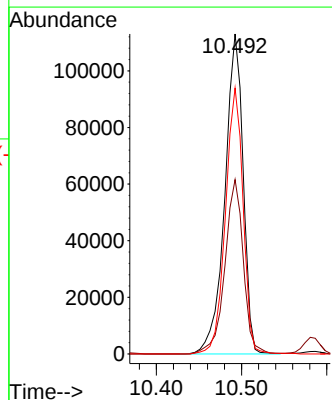
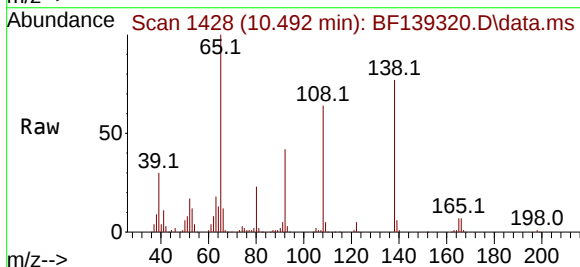
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

Tgt Ion:204 Resp: 345127
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 61.2 48.6 72.8



#62
4-Nitroaniline
Concen: 48.733 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:138 Resp: 168803
Ion Ratio Lower Upper
138 100
92 54.5 34.4 74.4
108 83.1 62.7 102.7





#63

Azobenzene

Concen: 47.231 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

Tgt Ion: 77 Resp: 737524

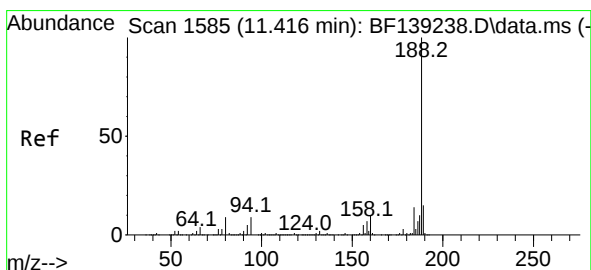
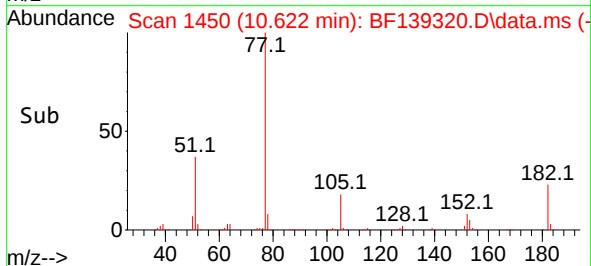
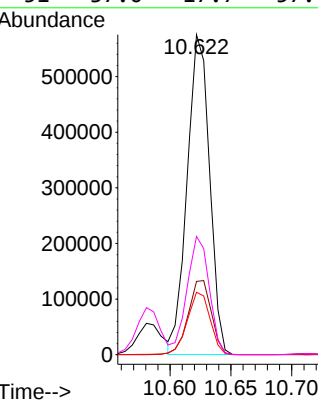
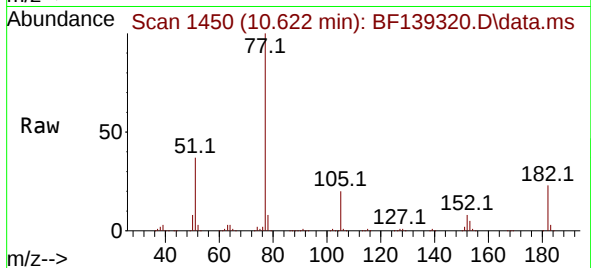
Ion Ratio Lower Upper

77 100

182 22.9 3.0 43.0

105 19.5 0.0 39.4

51 37.0 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

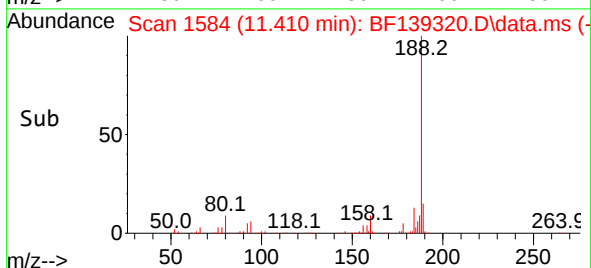
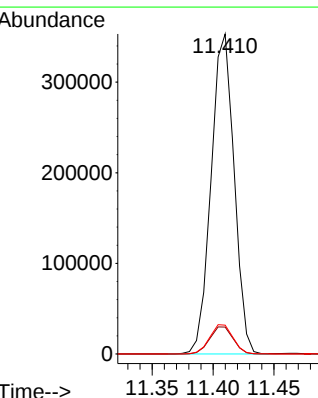
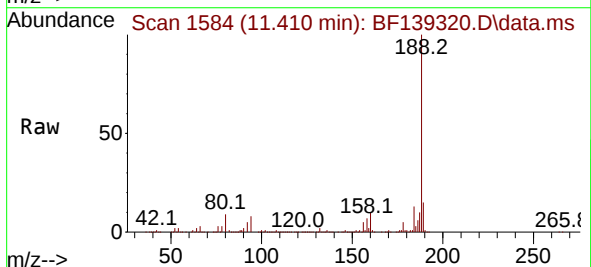
Tgt Ion:188 Resp: 465679

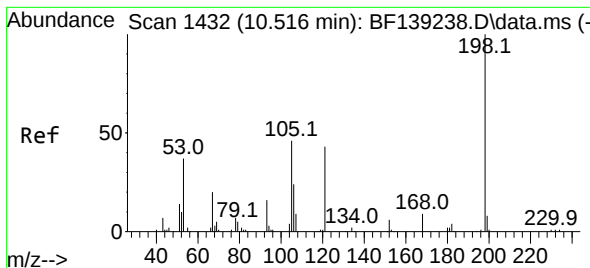
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.0 7.3 10.9

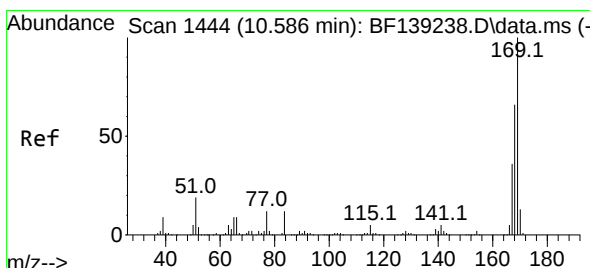
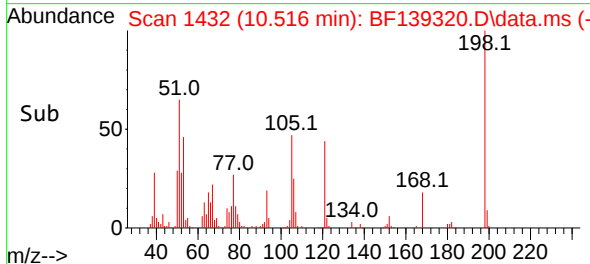
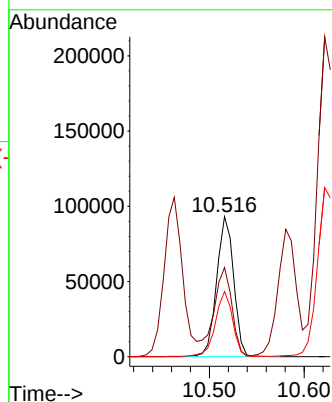
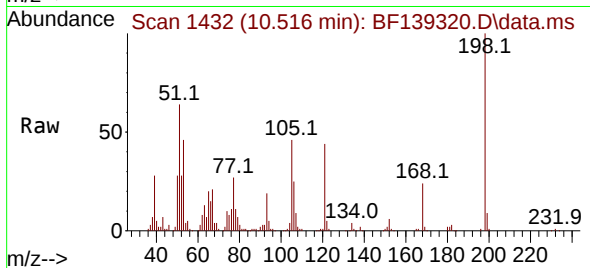




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.088 ng
 RT: 10.516 min Scan# 1432
 Delta R.T. -0.000 min
 Lab File: BF139320.D
 Acq: 11 Sep 2024 12:44

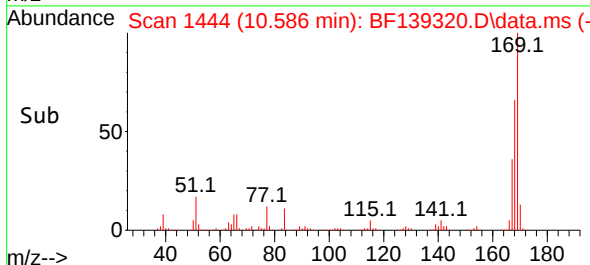
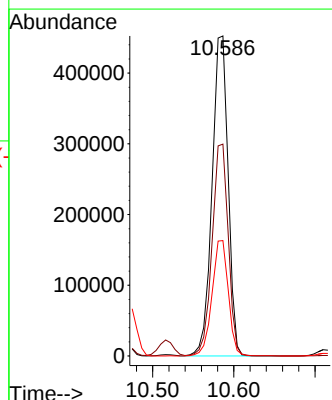
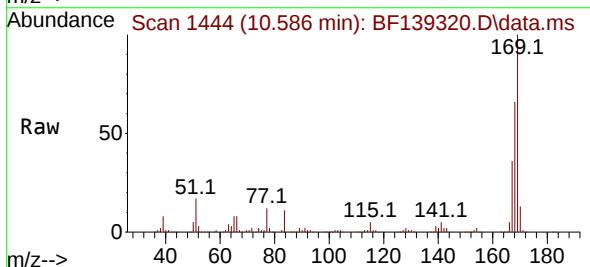
Instrument :
 BNA_F
 ClientSampleId :
 PB163274BSD

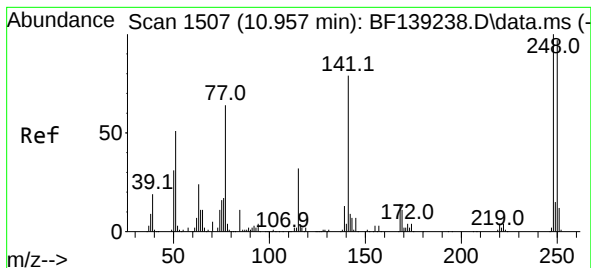
Tgt Ion:198 Resp: 116382
 Ion Ratio Lower Upper
 198 100
 51 63.7 47.2 87.2
 105 46.5 27.1 67.1



#66
 n-Nitrosodiphenylamine
 Concen: 45.761 ng
 RT: 10.586 min Scan# 1444
 Delta R.T. -0.000 min
 Lab File: BF139320.D
 Acq: 11 Sep 2024 12:44

Tgt Ion:169 Resp: 620299
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.0 79.6
 167 36.0 29.0 43.6

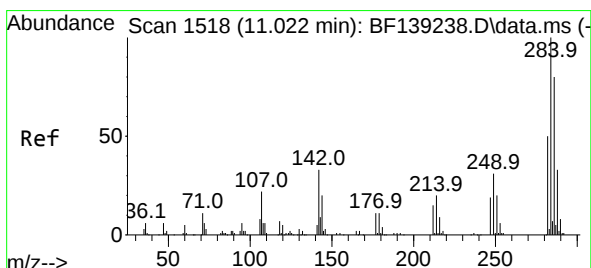
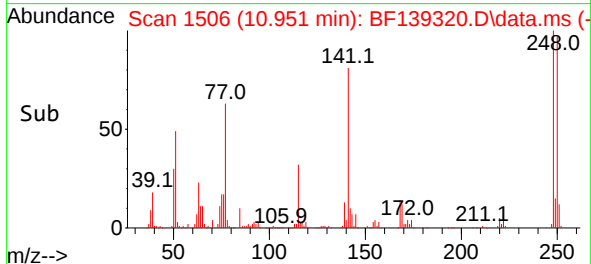
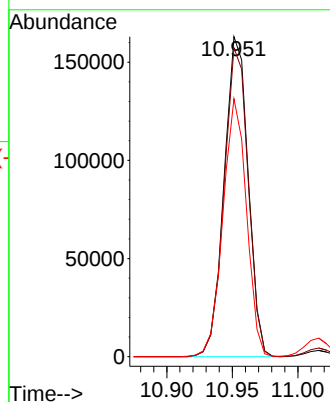
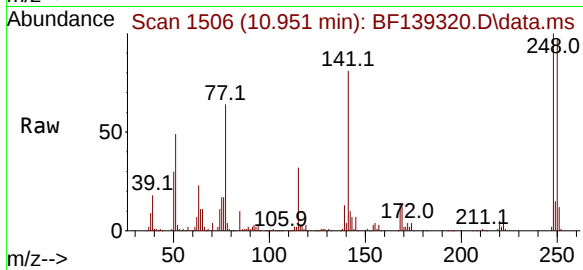




#67
4-Bromophenyl-phenylether
Concen: 46.051 ng
RT: 10.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

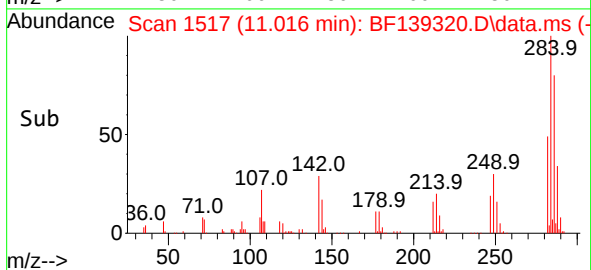
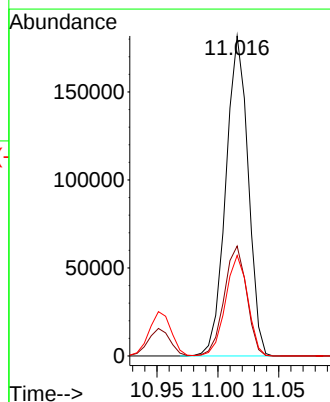
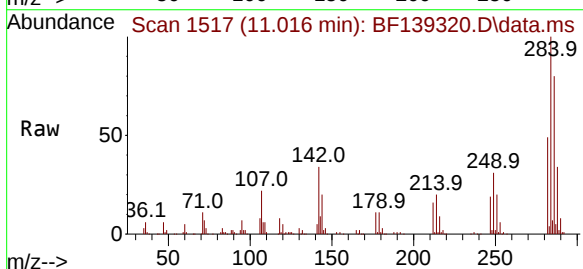
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

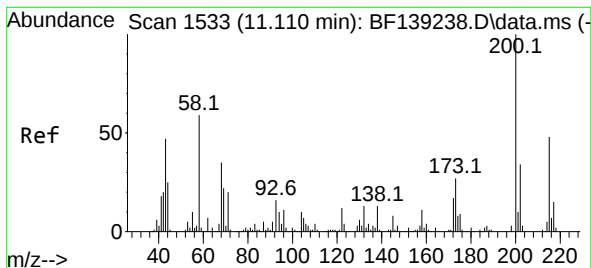
Tgt Ion:248 Resp: 208068
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 80.6 63.6 95.4



#68
Hexachlorobenzene
Concen: 44.847 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:284 Resp: 231965
Ion Ratio Lower Upper
284 100
142 34.4 26.5 39.7
249 31.4 24.8 37.2





#69

Atrazine

Concen: 63.559 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

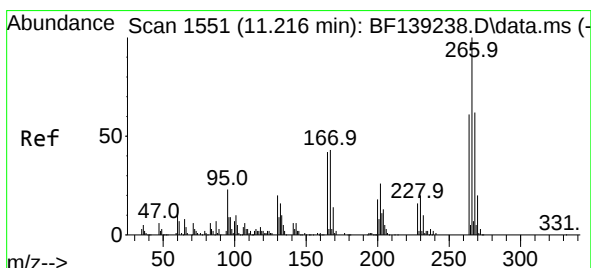
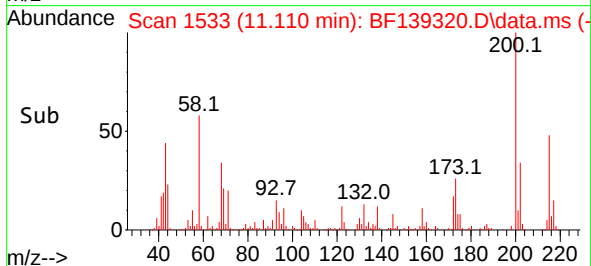
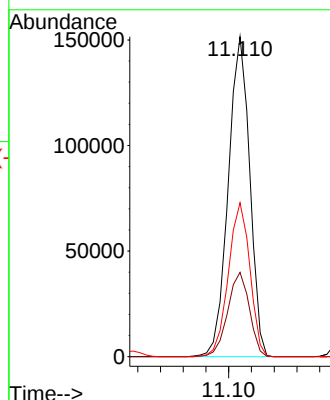
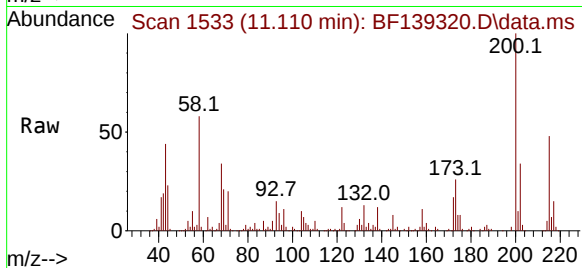
Tgt Ion:200 Resp: 198774

Ion Ratio Lower Upper

200 100

173 26.4 7.1 47.1

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 95.522 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

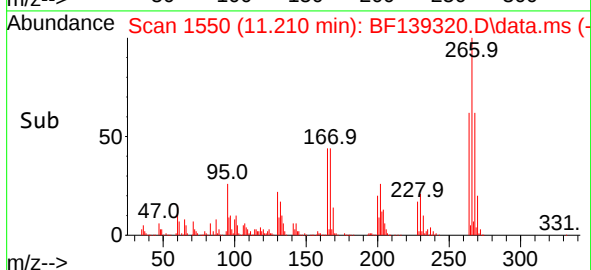
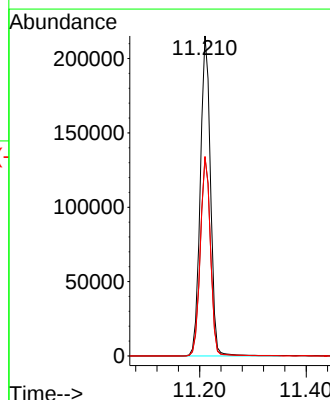
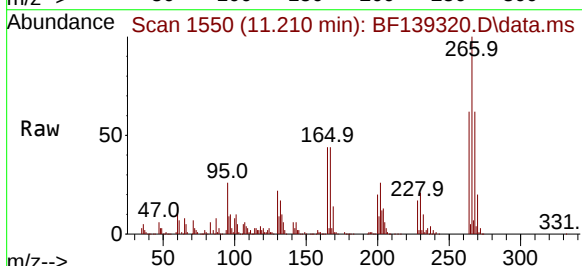
Tgt Ion:266 Resp: 285399

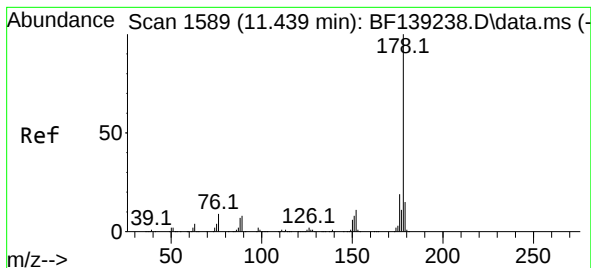
Ion Ratio Lower Upper

266 100

268 62.1 49.7 74.5

264 62.3 49.2 73.8





#71

Phenanthrene

Concen: 46.168 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

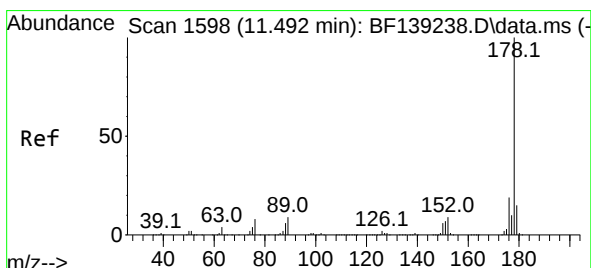
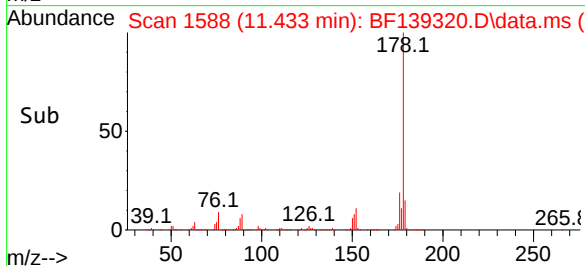
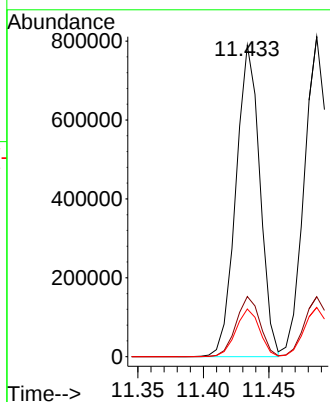
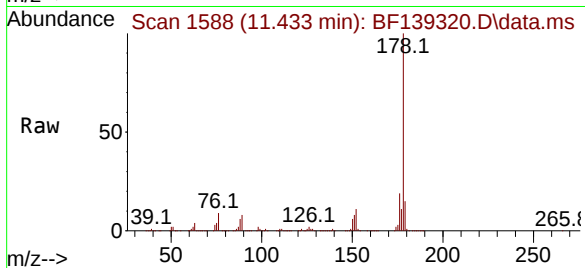
Tgt Ion:178 Resp: 1004360

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 48.117 ng

RT: 11.486 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

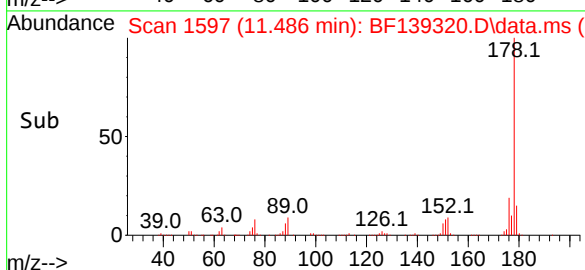
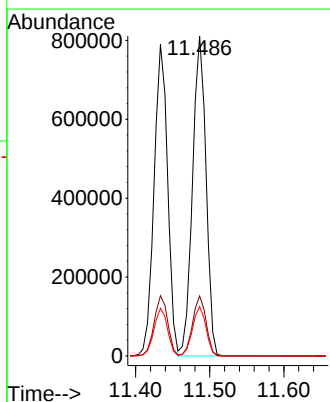
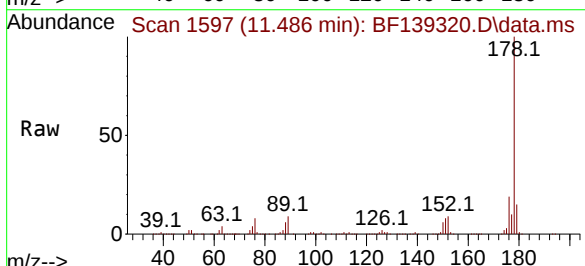
Tgt Ion:178 Resp: 1022540

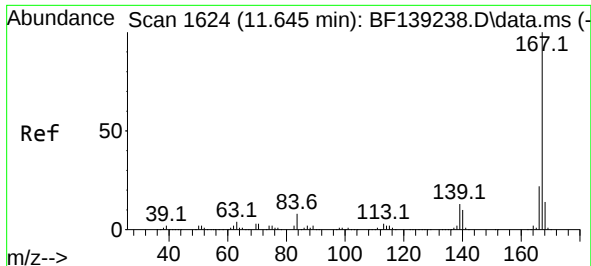
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.4 12.3 18.5

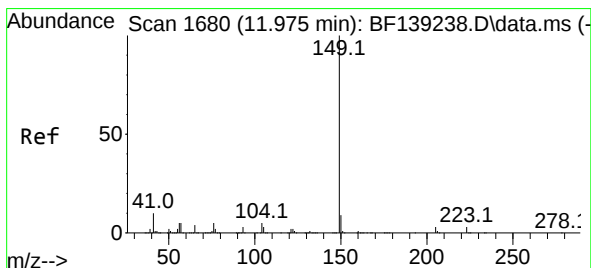
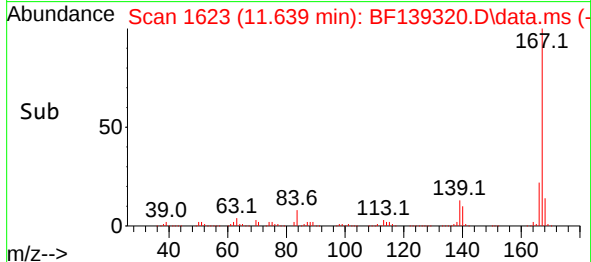
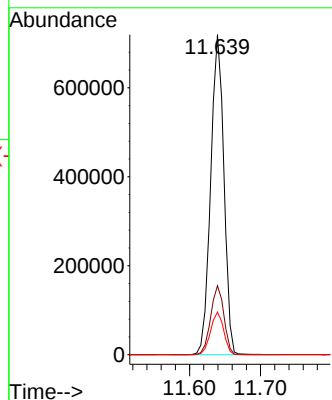
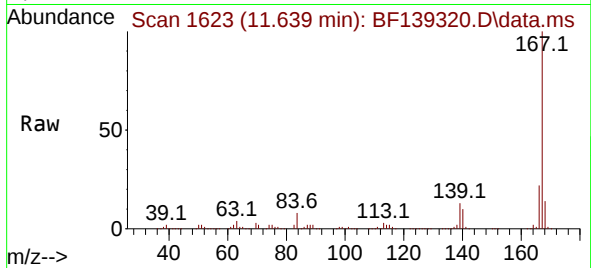




#73
 Carbazole
 Concen: 46.844 ng
 RT: 11.639 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF139320.D
 Acq: 11 Sep 2024 12:44

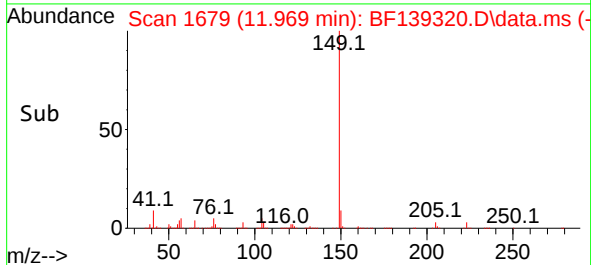
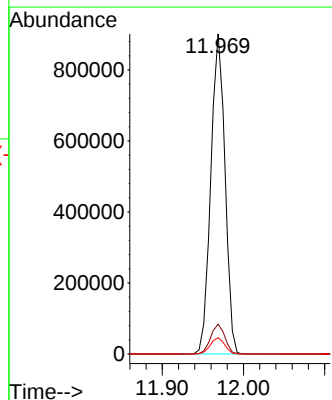
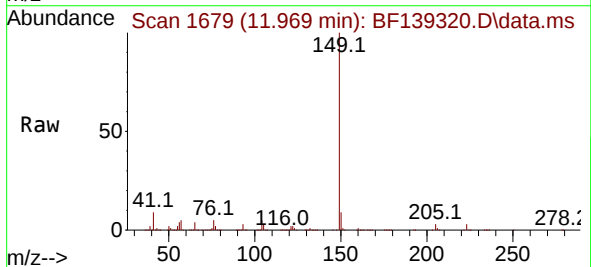
Instrument :
 BNA_F
 ClientSampleId :
 PB163274BSD

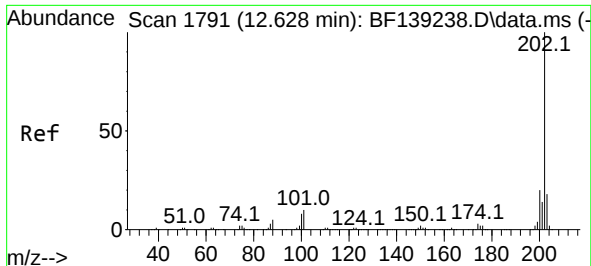
Tgt Ion:167 Resp: 930428
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 53.706 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF139320.D
 Acq: 11 Sep 2024 12:44

Tgt Ion:149 Resp: 1092212
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 3.9 5.9

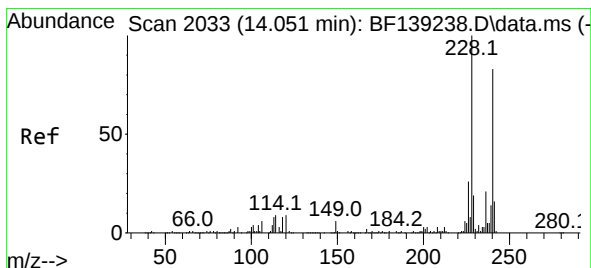
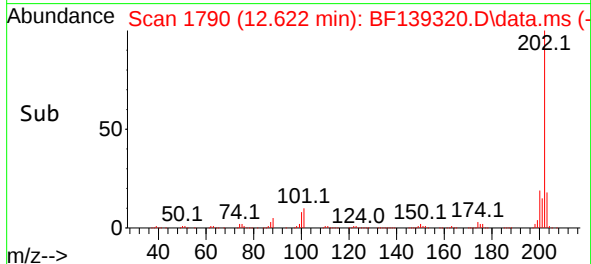
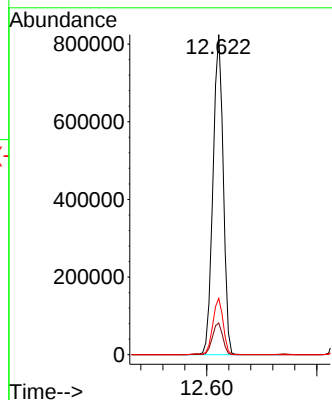
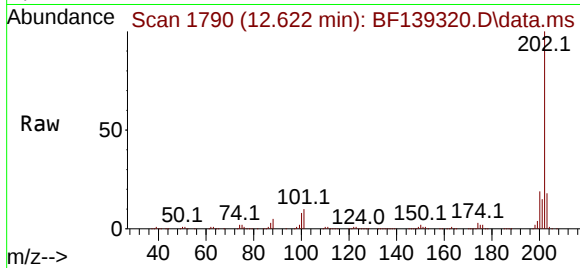




#75
Fluoranthene
Concen: 48.913 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

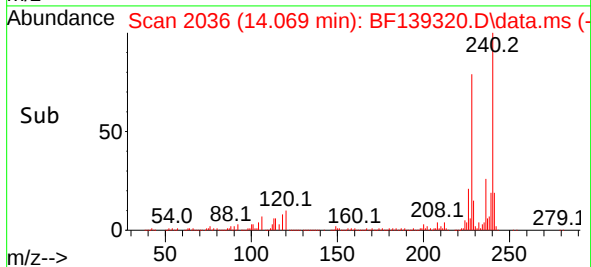
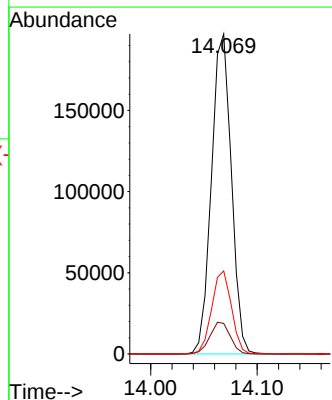
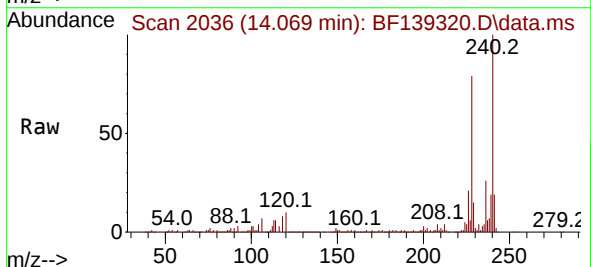
Instrument :
BNA_F
ClientSampleId :
PB163274BSD

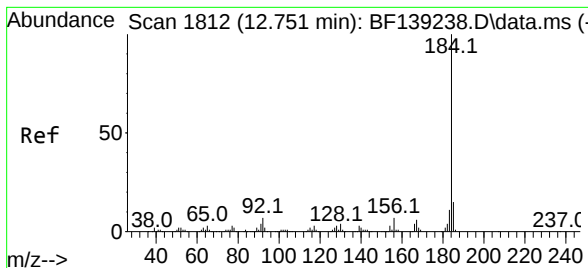
Tgt Ion:202 Resp: 1066790
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.9
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:240 Resp: 255508
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.9 20.7 31.1





#77

Benzidine

Concen: 66.241 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

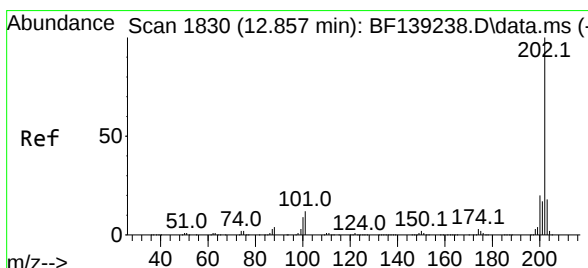
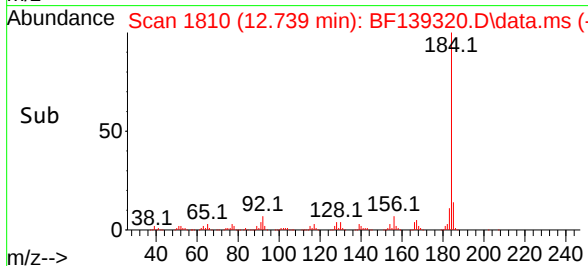
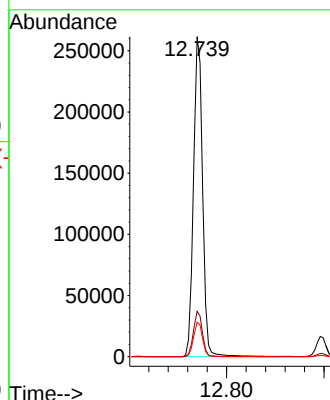
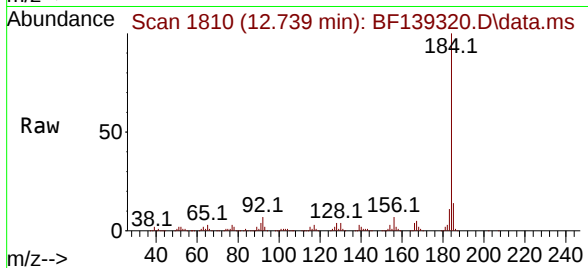
Tgt Ion:184 Resp: 340792

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 10.8 8.8 13.2



#78

Pyrene

Concen: 44.286 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

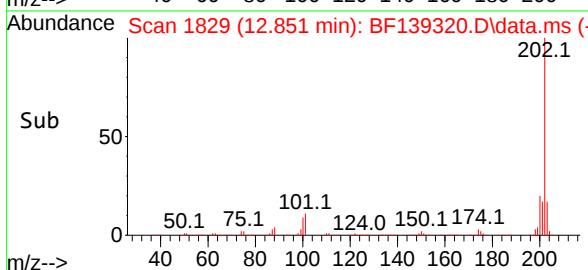
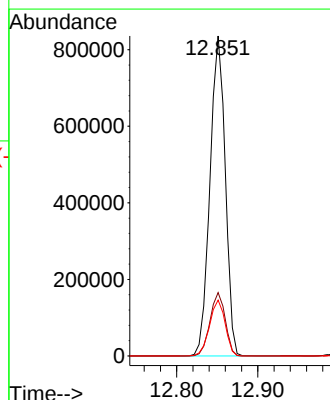
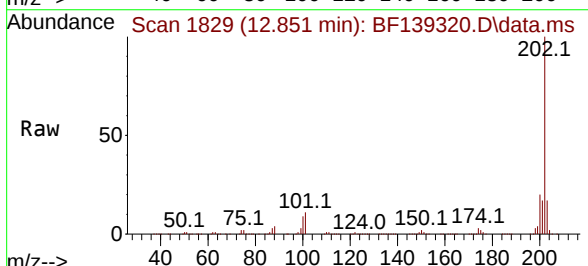
Tgt Ion:202 Resp: 1093077

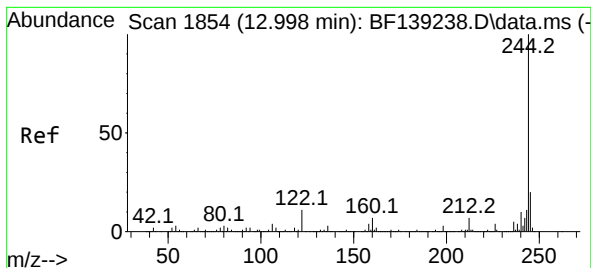
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 97.671 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

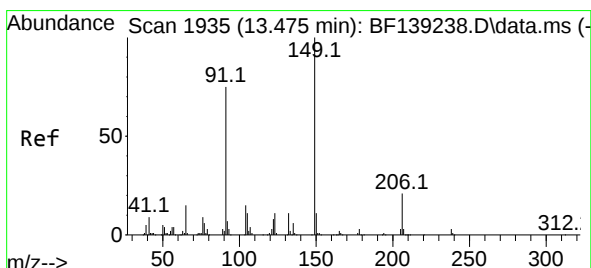
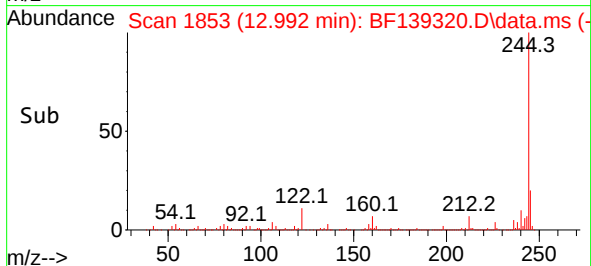
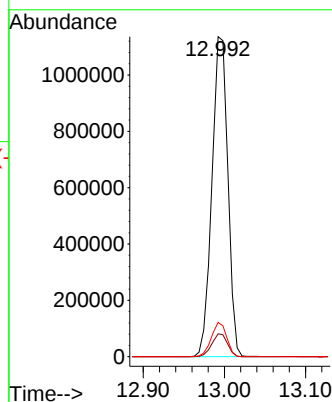
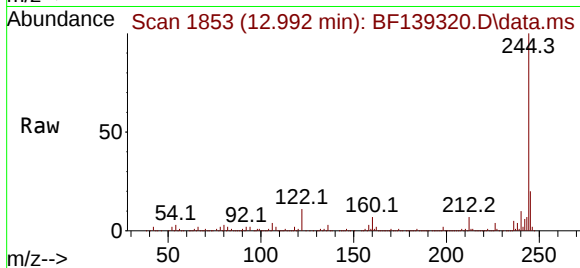
Tgt Ion:244 Resp: 1545656

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.7 8.7 13.1



#80

Butylbenzylphthalate

Concen: 65.512 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

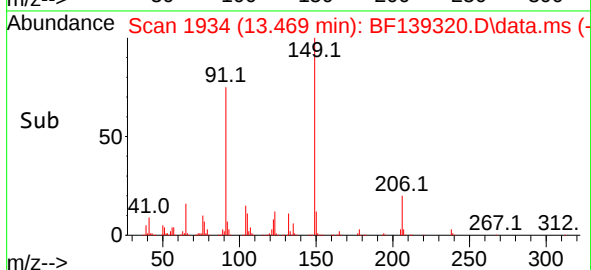
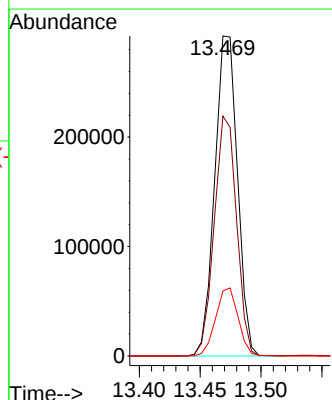
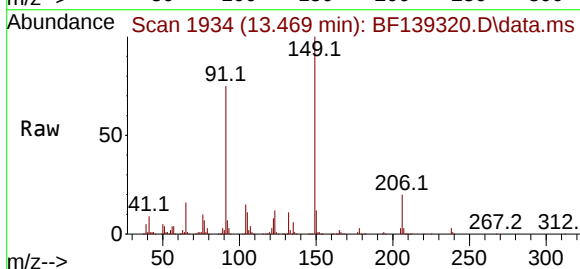
Tgt Ion:149 Resp: 380655

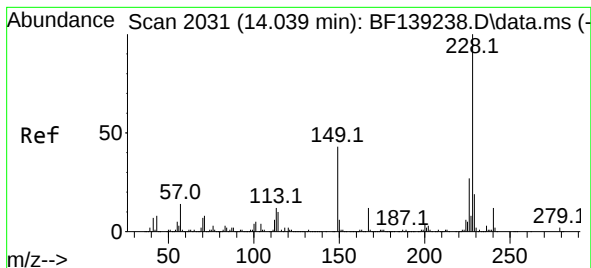
Ion Ratio Lower Upper

149 100

91 75.0 60.3 90.5

206 20.3 16.7 25.1





#81

Benzo(a)anthracene

Concen: 47.263 ng

RT: 14.057 min Scan# 2031

Delta R.T. 0.018 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

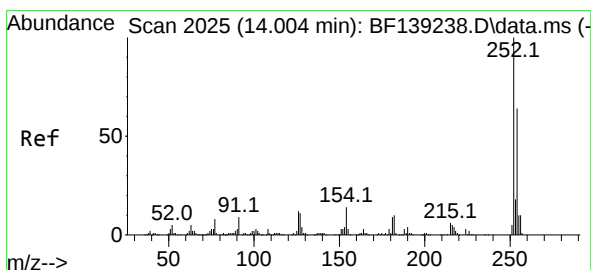
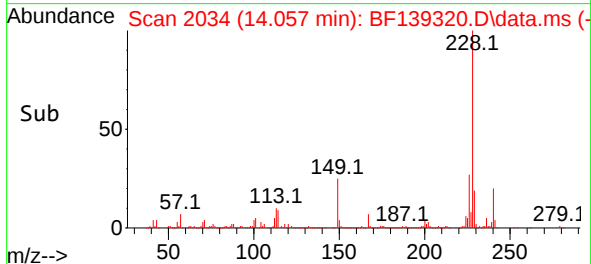
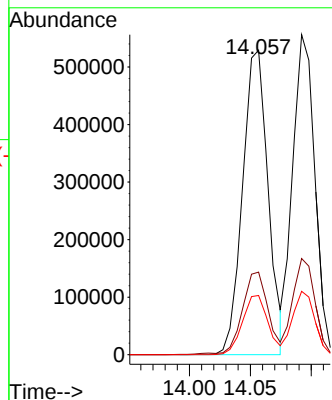
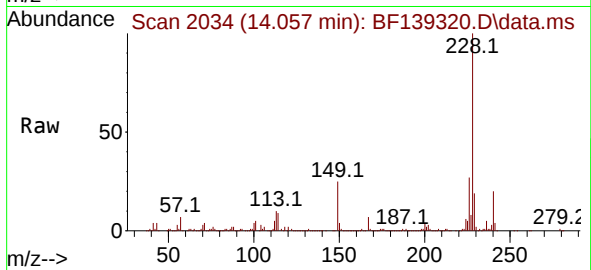
Tgt Ion:228 Resp: 771118

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 42.735 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.012 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

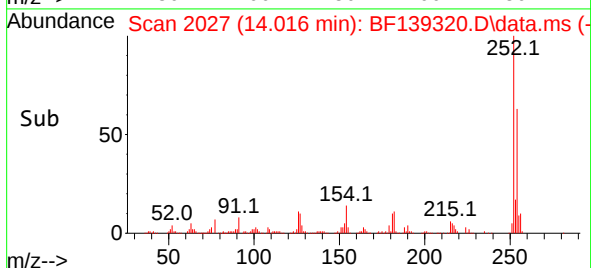
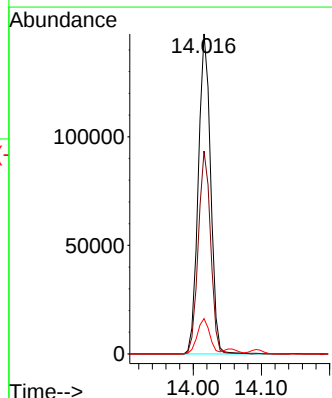
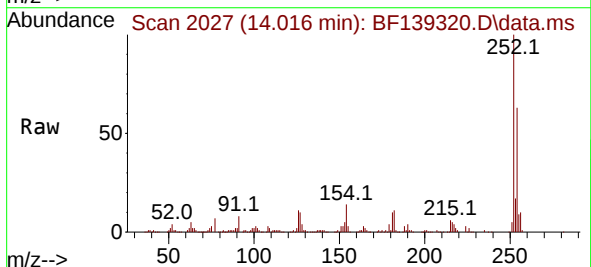
Tgt Ion:252 Resp: 185164

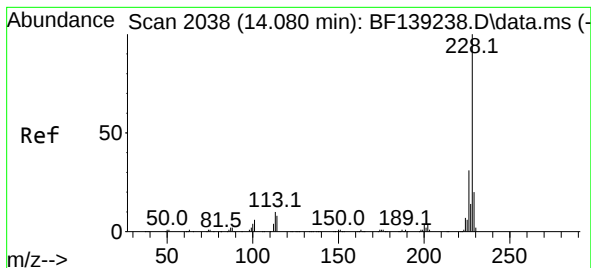
Ion Ratio Lower Upper

252 100

254 63.4 51.5 77.3

126 11.0 9.2 13.8





#83

Chrysene

Concen: 46.393 ng

RT: 14.092 min Scan# 2039

Delta R.T. 0.012 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

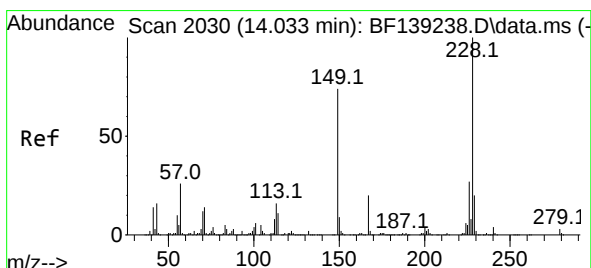
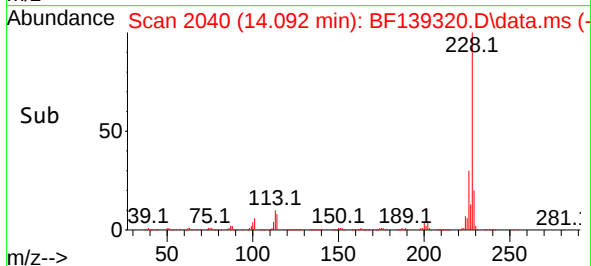
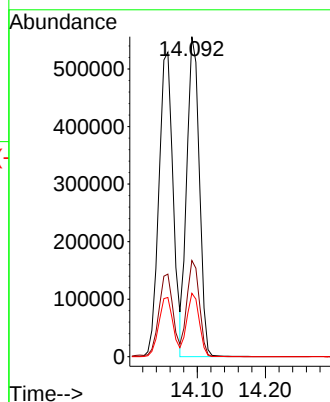
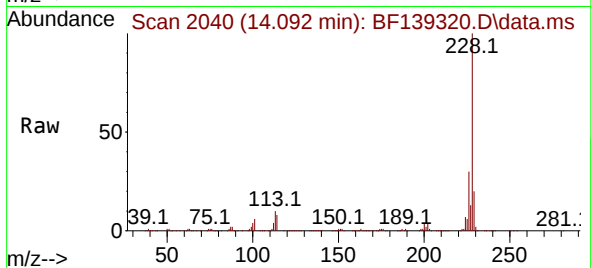
Tgt Ion:228 Resp: 706450

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.922 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.012 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

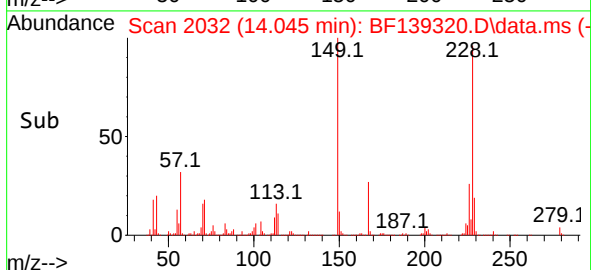
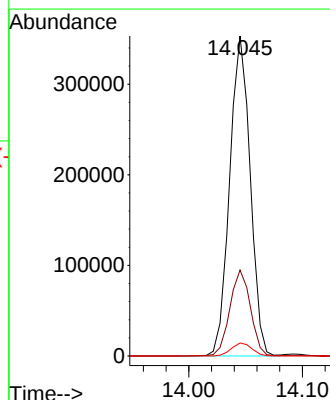
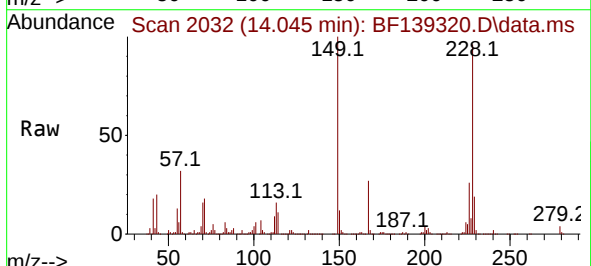
Tgt Ion:149 Resp: 442764

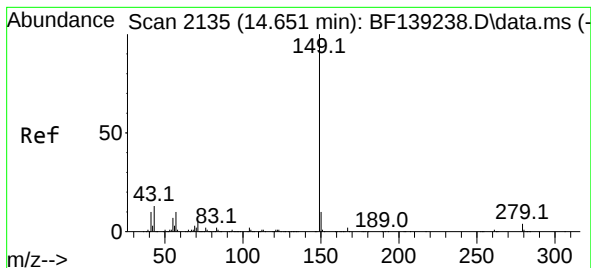
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 49.088 ng

RT: 14.698 min Scan# 2143

Delta R.T. 0.047 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

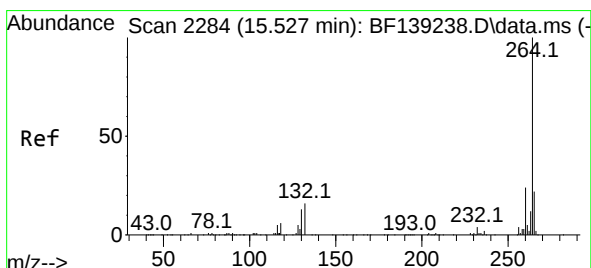
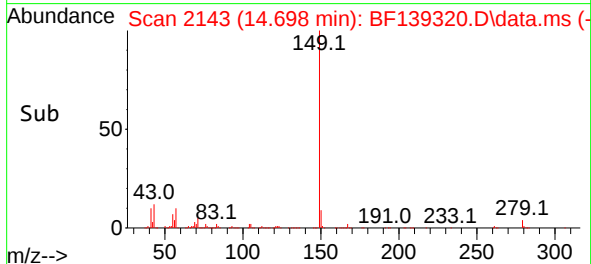
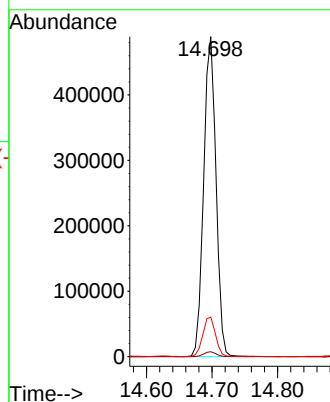
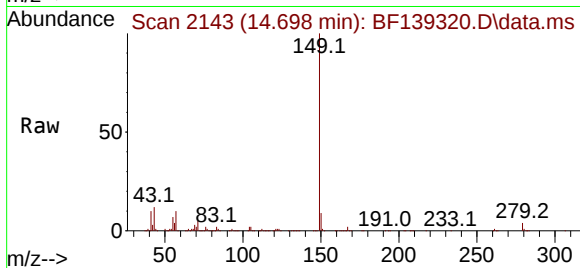
Tgt Ion:149 Resp: 640948

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.7 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.053 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

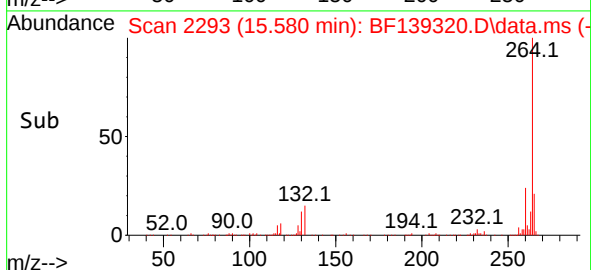
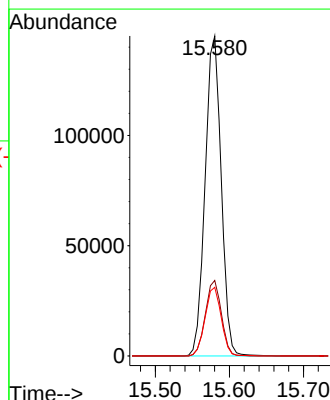
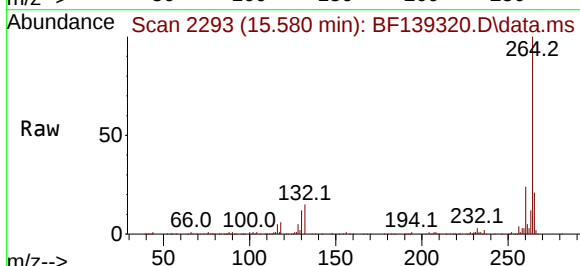
Tgt Ion:264 Resp: 218658

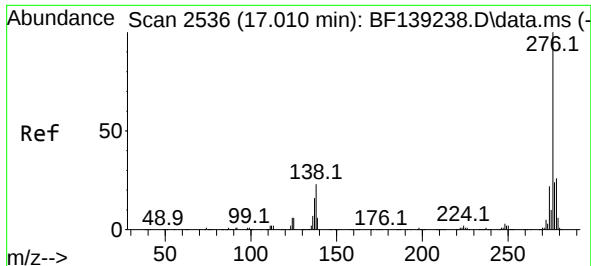
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.4 17.3 25.9

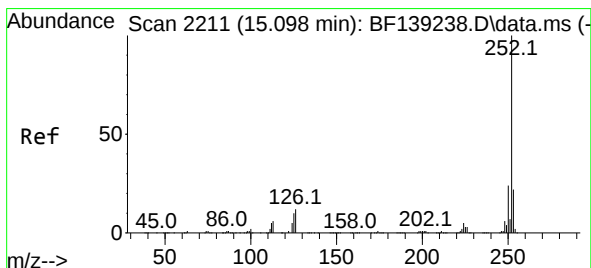
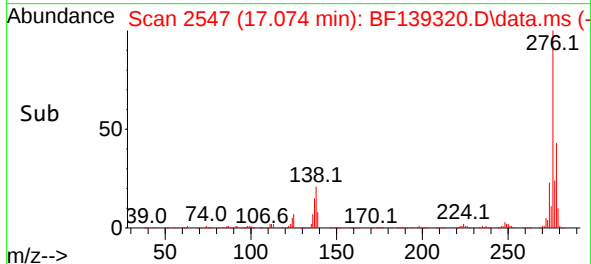
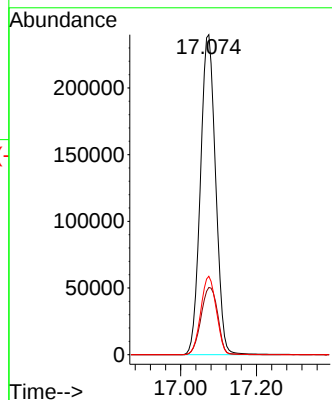
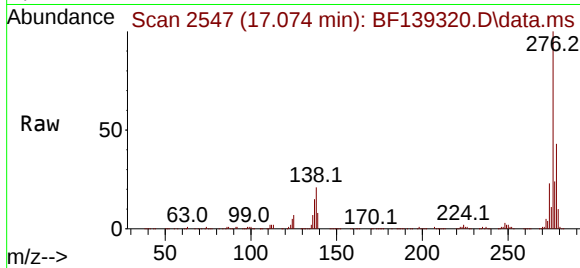




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.896 ng
 RT: 17.074 min Scan# 2119
 Delta R.T. 0.065 min
 Lab File: BF139320.D
 Acq: 11 Sep 2024 12:44

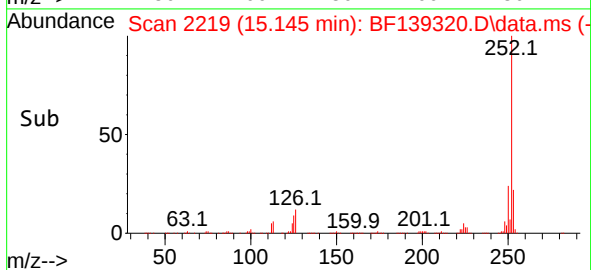
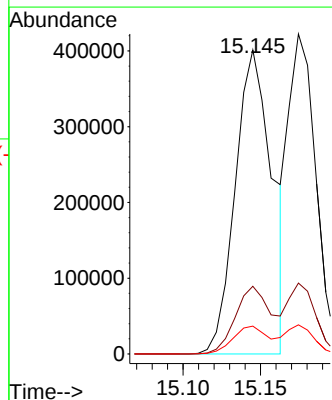
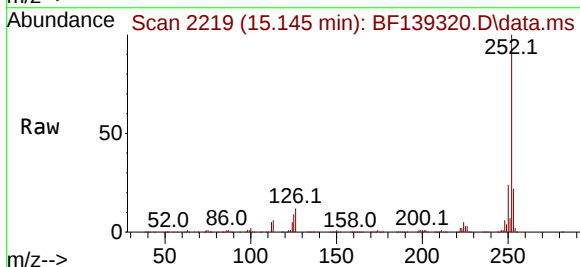
Instrument :
 BNA_F
 ClientSampleId :
 PB163274BSD

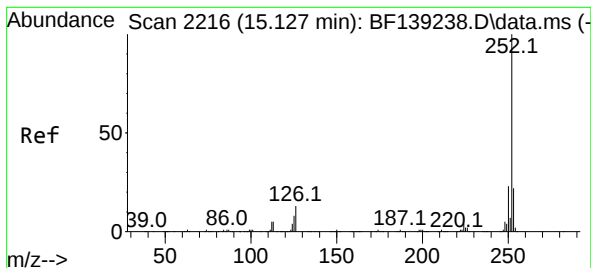
Tgt Ion:276 Resp: 667910
 Ion Ratio Lower Upper
 276 100
 138 23.0 20.4 30.6
 277 25.0 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 52.640 ng
 RT: 15.145 min Scan# 2219
 Delta R.T. 0.047 min
 Lab File: BF139320.D
 Acq: 11 Sep 2024 12:44

Tgt Ion:252 Resp: 662866
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.6 26.4
 125 9.2 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 45.964 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163274BSD

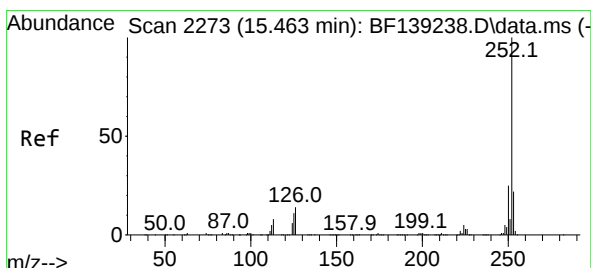
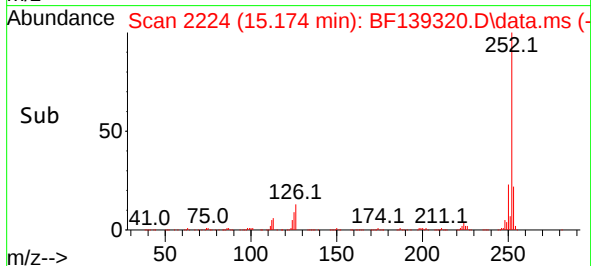
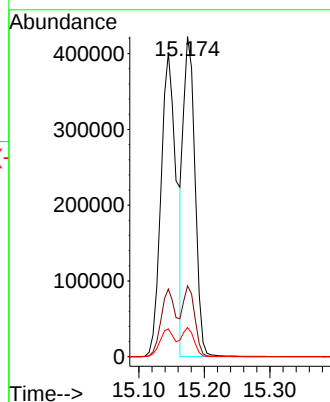
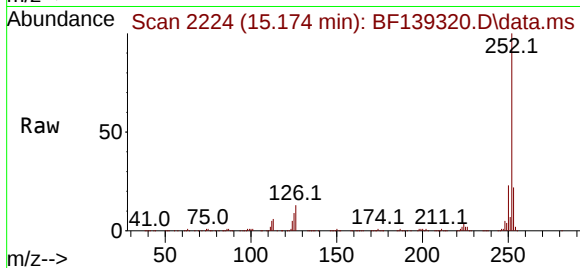
Tgt Ion:252 Resp: 518964

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 52.474 ng

RT: 15.516 min Scan# 2282

Delta R.T. 0.053 min

Lab File: BF139320.D

Acq: 11 Sep 2024 12:44

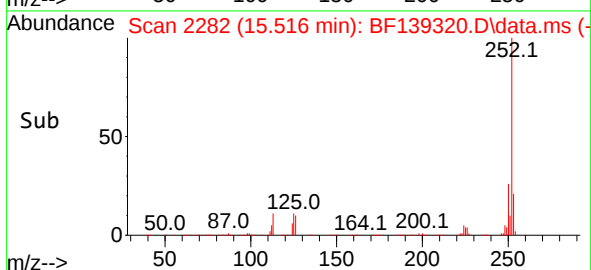
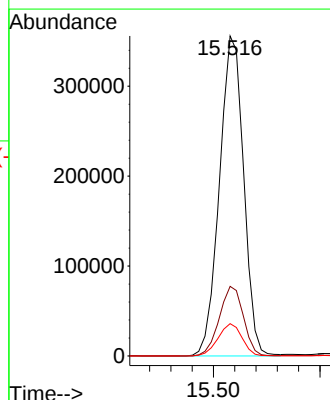
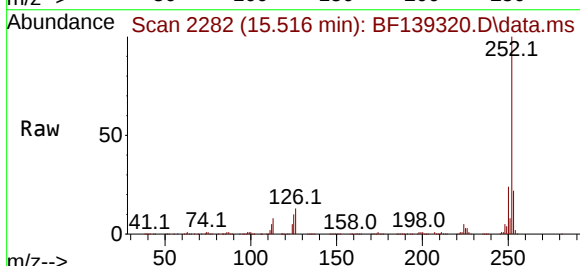
Tgt Ion:252 Resp: 561084

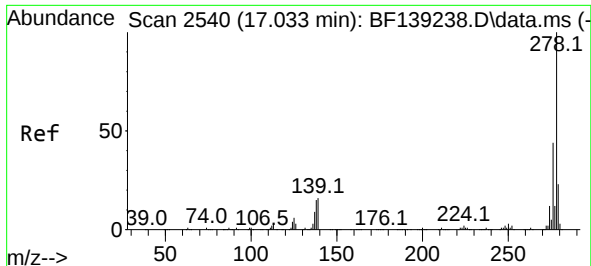
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.1 8.6 13.0

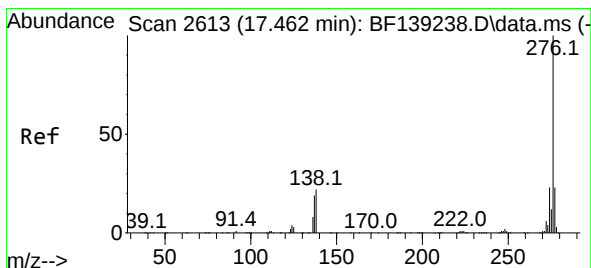
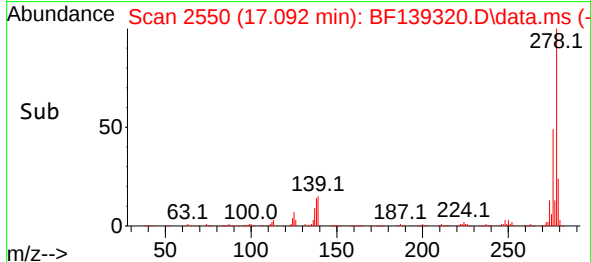
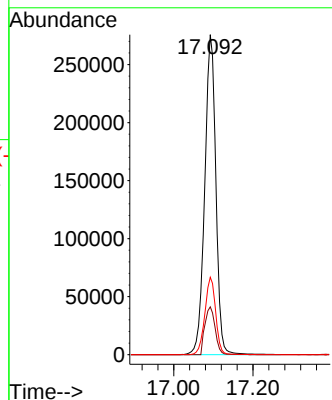
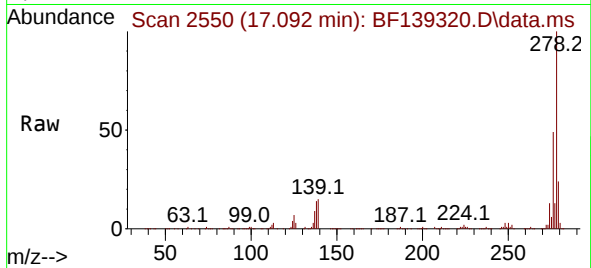




#91
Dibenzo(a,h)anthracene
Concen: 47.893 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Instrument :
BNA_F
ClientSampleId :
PB163274BSD

Tgt Ion:278 Resp: 539131
Ion Ratio Lower Upper
278 100
139 14.9 12.6 19.0
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.476 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.059 min
Lab File: BF139320.D
Acq: 11 Sep 2024 12:44

Tgt Ion:276 Resp: 505183
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 20.4 17.4 26.0

