

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144318.D
 Acq On : 21 Nov 2025 20:19
 Operator : RC/JU
 Sample : Q3678-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMS

Quant Time: Nov 21 22:05:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	51855	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	185007	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	95641	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	154233	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127547	20.000	ng	0.00
86) Perylene-d12	15.527	264	109907	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	391947	118.281	ng	0.01
7) Phenol-d6	6.504	99	416459	110.918	ng	0.00
23) Nitrobenzene-d5	7.428	82	290192	90.591	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	142387	118.638	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	559015	86.326	ng	0.00
79) Terphenyl-d14	12.980	244	638150	79.472	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	58234	42.507	ng	# 80
3) Pyridine	3.516	79	128875	33.719	ng	98
4) n-Nitrosodimethylamine	3.451	42	89758	44.959	ng	91
6) Aniline	6.534	93	41687	7.793	ng	# 50
8) 2-Chlorophenol	6.657	128	142434	43.830	ng	96
9) Benzaldehyde	6.422	77	46528	21.945	ng	98
10) Phenol	6.516	94	173671	37.858	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	151493	45.321	ng	99
12) 1,3-Dichlorobenzene	6.810	146	170172	42.437	ng	97
13) 1,4-Dichlorobenzene	6.886	146	172525	42.944	ng	99
14) 1,2-Dichlorobenzene	7.034	146	163124	42.363	ng	99
15) Benzyl Alcohol	7.010	79	133137	44.781	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	273982	44.509	ng	94
17) 2-Methylphenol	7.122	107	115021	44.491	ng	98
18) Hexachloroethane	7.375	117	50963	38.183	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	109578	44.333	ng	99
20) 3+4-Methylphenols	7.275	107	135553	44.480	ng	# 88
22) Acetophenone	7.275	105	192312	48.456	ng	100
24) Nitrobenzene	7.451	77	161791	46.518	ng	97
25) Isophorone	7.686	82	292742	48.314	ng	99
26) 2-Nitrophenol	7.763	139	80383	46.688	ng	96
27) 2,4-Dimethylphenol	7.804	122	139296	53.980	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	187479	49.549	ng	98
29) 2,4-Dichlorophenol	8.010	162	139134	46.780	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	138338	45.296	ng	100
31) Naphthalene	8.169	128	393109	44.668	ng	99
32) Benzoic acid	7.922	122	71395	37.744	ng	91
33) 4-Chloroaniline	8.222	127	25137	7.832	ng	99
34) Hexachlorobutadiene	8.281	225	96560	41.951	ng	100
35) Caprolactam	8.586	113	36080	44.278	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	121835	45.708	ng	99
37) 2-Methylnaphthalene	8.863	142	246032	41.814	ng	98
38) 1-Methylnaphthalene	8.963	142	247234	43.547	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	148784	47.467	ng	100
41) Hexachlorocyclopentadiene	9.010	237	30632	33.821	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	101271	47.470	ng	99

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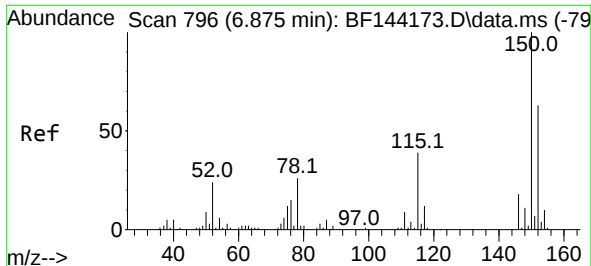
Quant Time: Nov 21 22:05:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	107857	46.909	ng	99
46) 1,1'-Biphenyl	9.322	154	323982	48.529	ng	99
47) 2-Chloronaphthalene	9.351	162	263922	46.345	ng	100
48) 2-Nitroaniline	9.451	65	83044	50.540	ng	92
49) Acenaphthylene	9.769	152	410215	52.860	ng	100
50) Dimethylphthalate	9.622	163	332600	52.493	ng	100
51) 2,6-Dinitrotoluene	9.692	165	67405	52.553	ng	92
52) Acenaphthene	9.939	154	223307	43.031	ng	99
53) 3-Nitroaniline	9.863	138	34492	24.600	ng	97
54) 2,4-Dinitrophenol	9.980	184	16662	21.513	ng	95
55) Dibenzofuran	10.110	168	338391	46.559	ng	100
56) 4-Nitrophenol	10.033	139	81573	80.429	ng	98
57) 2,4-Dinitrotoluene	10.098	165	86406	50.323	ng	# 99
58) Fluorene	10.457	166	256962	46.501	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79209	48.691	ng	100
60) Diethylphthalate	10.322	149	301953	51.697	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	141991	45.109	ng	97
62) 4-Nitroaniline	10.474	138	64662	48.427	ng	91
63) Azobenzene	10.604	77	257546	47.379	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	14273	13.622	ng	95
66) n-Nitrosodiphenylamine	10.563	169	253981	51.200	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	91187	46.320	ng	97
68) Hexachlorobenzene	11.004	284	108392	46.745	ng	96
69) Atrazine	11.092	200	78548	49.791	ng	99
70) Pentachlorophenol	11.204	266	114375	99.054	ng	98
71) Phenanthrene	11.421	178	377330	49.138	ng	99
72) Anthracene	11.474	178	386831	49.541	ng	99
73) Carbazole	11.627	167	346766	52.227	ng	99
74) Di-n-butylphthalate	11.951	149	421209	52.477	ng	99
75) Fluoranthene	12.616	202	424258	53.484	ng	99
77) Benzidine	12.739	184	73857	19.576	ng	98
78) Pyrene	12.845	202	435198	42.318	ng	99
80) Butylbenzylphthalate	13.457	149	174069	48.837	ng	97
81) Benzo(a)anthracene	14.033	228	459966	52.033	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	108589	35.837	ng	95
83) Chrysene	14.074	228	394822	48.382	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	249351	51.104	ng	98
85) Di-n-octyl phthalate	14.627	149	443487	52.680	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	275457	34.914	ng	97
88) Benzo(b)fluoranthene	15.092	252	392718	62.851	ng	99
89) Benzo(k)fluoranthene	15.121	252	312357	53.408	ng	98
90) Benzo(a)pyrene	15.462	252	295928	51.337	ng	# 97
91) Dibenzo(a,h)anthracene	17.039	278	226644	35.770	ng	98
92) Benzo(g,h,i)perylene	17.480	276	218154	34.865	ng	97

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

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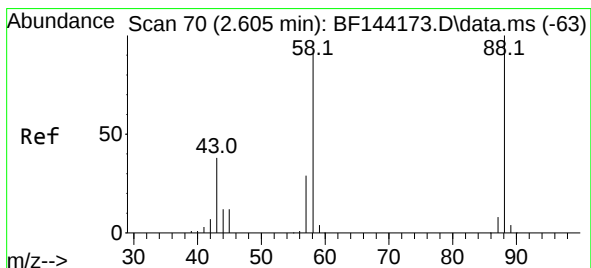
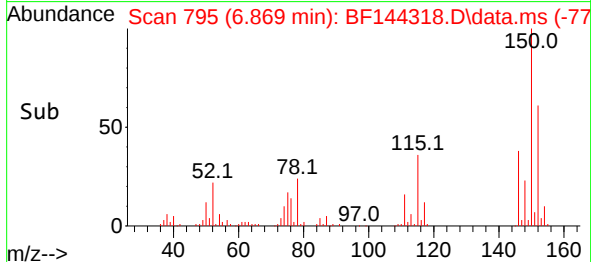
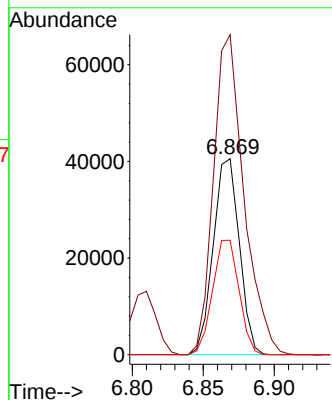
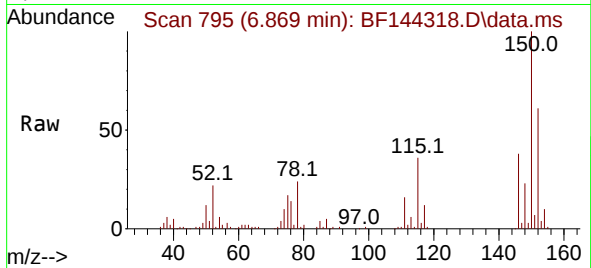




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

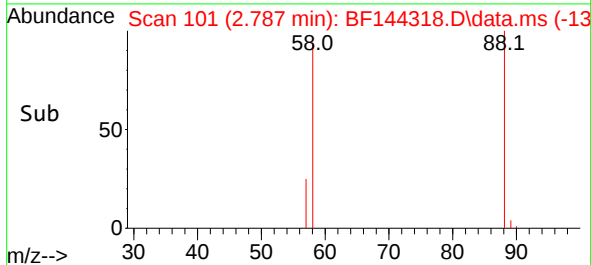
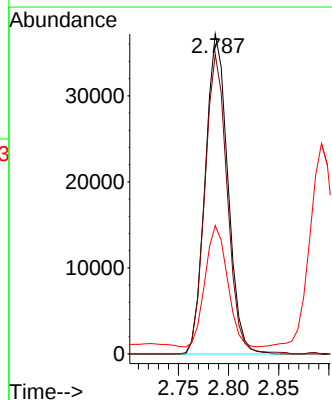
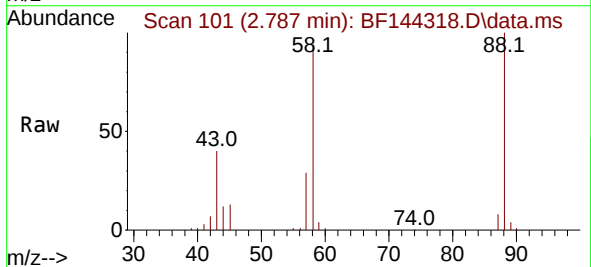
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

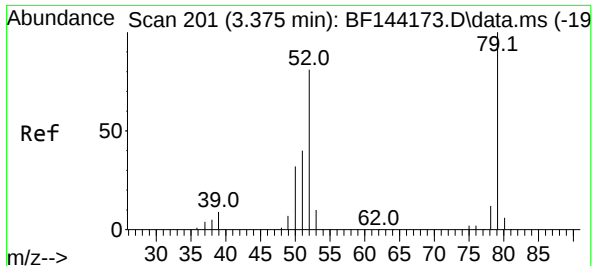
Tgt Ion:152 Resp: 51855
Ion Ratio Lower Upper
152 100
150 163.2 127.4 191.0
115 58.3 49.5 74.3



#2
1,4-Dioxane
Concen: 42.507 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.170 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion: 88 Resp: 58234
Ion Ratio Lower Upper
88 100
58 93.2 73.1 109.7
43 0.0 31.0 46.6

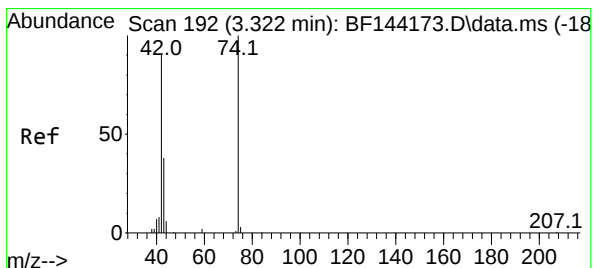
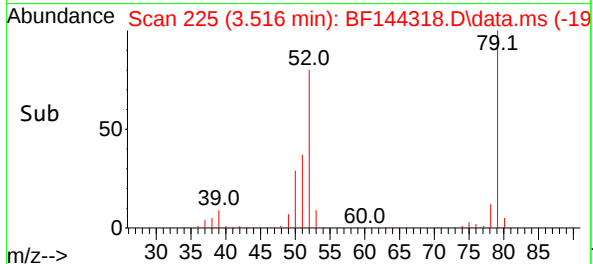
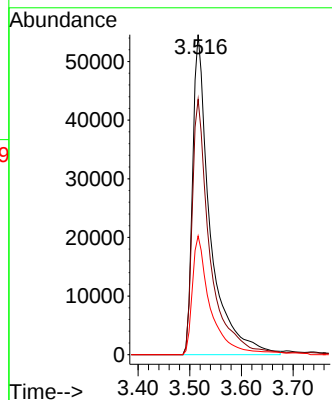
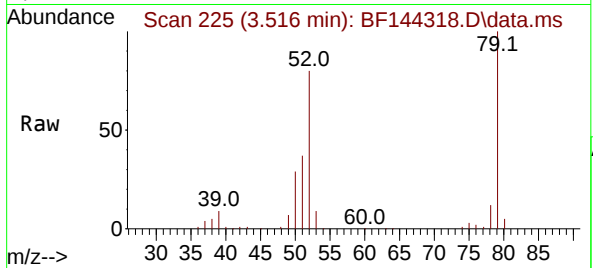




#3
 Pyridine
 Concen: 33.719 ng
 RT: 3.516 min Scan# 214
 Delta R.T. 0.106 min
 Lab File: BF144318.D
 Acq: 21 Nov 2025 20:19

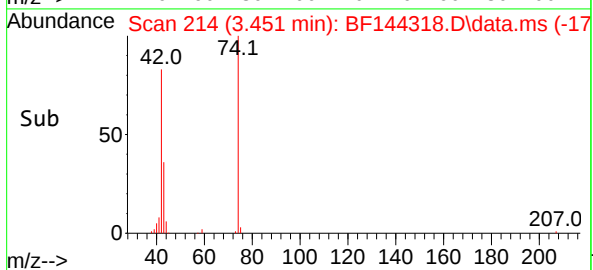
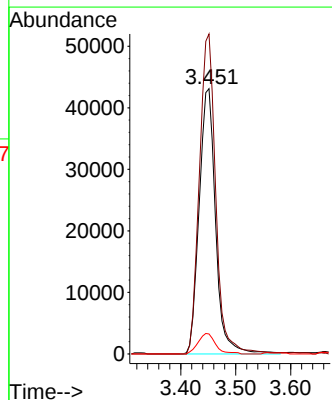
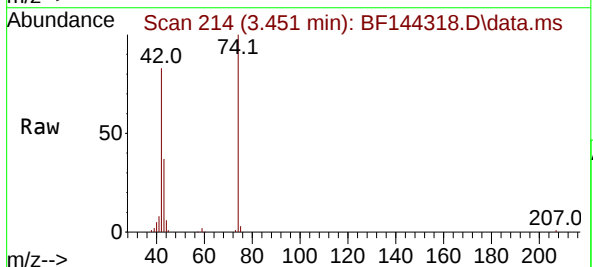
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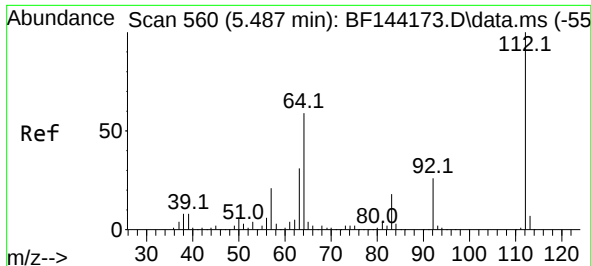
Tgt Ion: 79 Resp: 128875
 Ion Ratio Lower Upper
 79 100
 52 79.8 64.5 96.7
 51 37.1 31.7 47.5



#4
 n-Nitrosodimethylamine
 Concen: 44.959 ng
 RT: 3.451 min Scan# 214
 Delta R.T. 0.106 min
 Lab File: BF144318.D
 Acq: 21 Nov 2025 20:19

Tgt Ion: 42 Resp: 89758
 Ion Ratio Lower Upper
 42 100
 74 120.6 88.2 132.4
 44 7.5 5.7 8.5

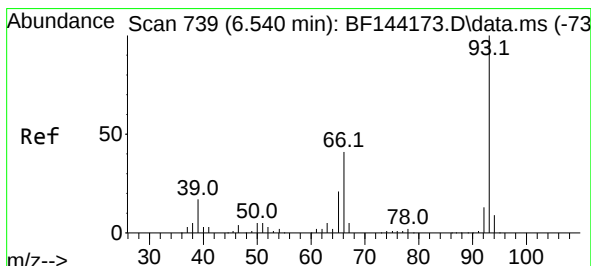
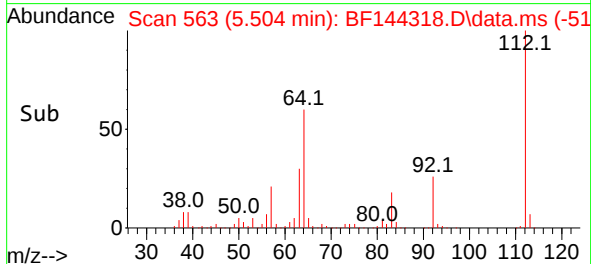
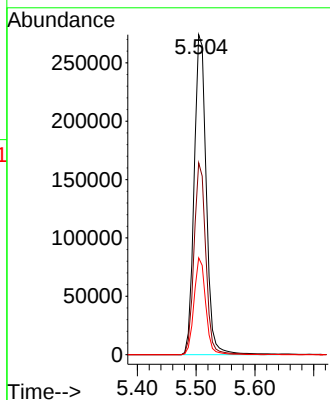
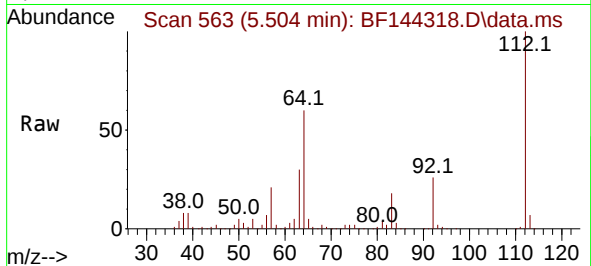




#5
2-Fluorophenol
Concen: 118.281 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

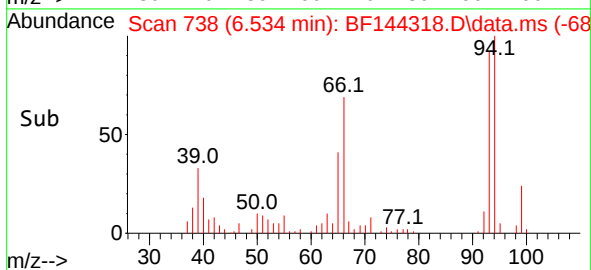
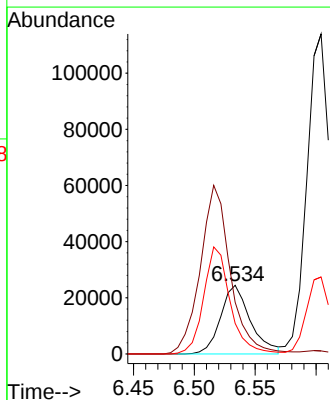
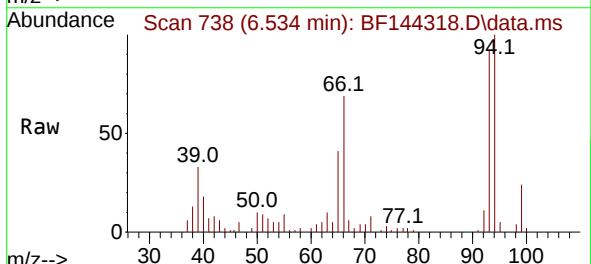
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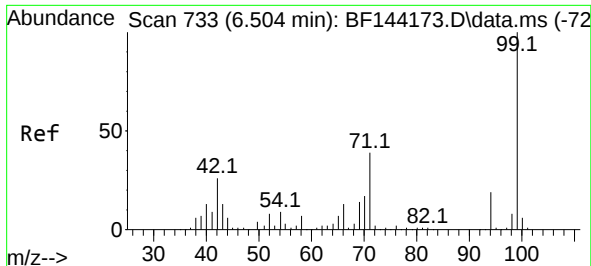
Tgt Ion:112 Resp: 391947
Ion Ratio Lower Upper
112 100
64 59.9 47.2 70.8
63 30.3 24.4 36.6



#6
Aniline
Concen: 7.793 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion: 93 Resp: 41687
Ion Ratio Lower Upper
93 100
66 75.2 34.3 51.5#
65 44.6 16.9 25.3#

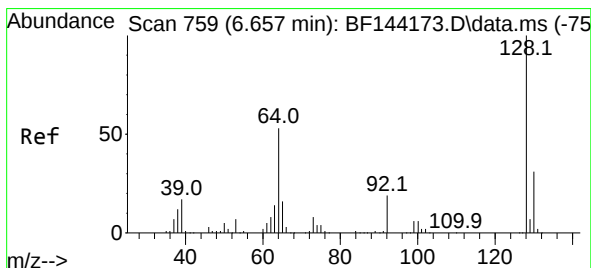
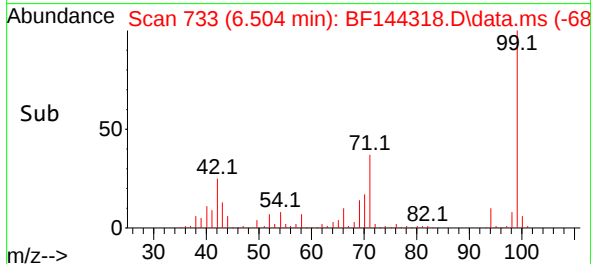
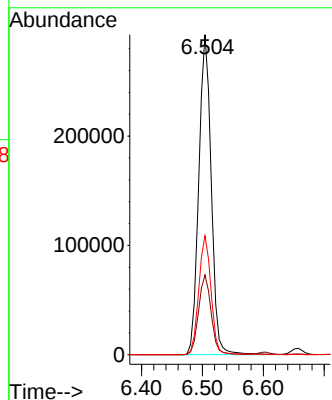
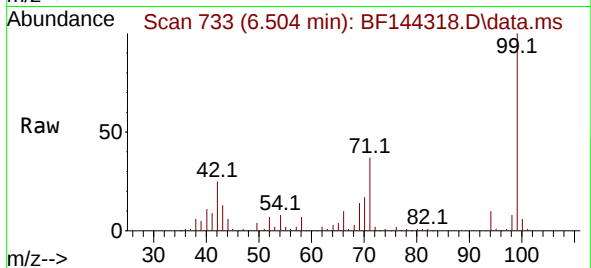




#7
Phenol-d6
Concen: 110.918 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

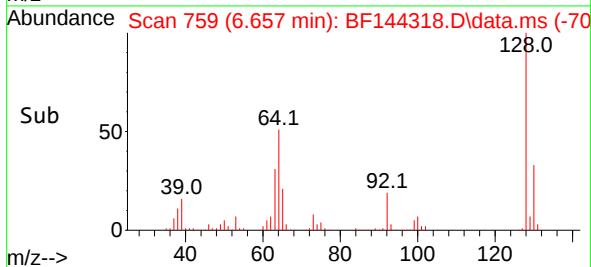
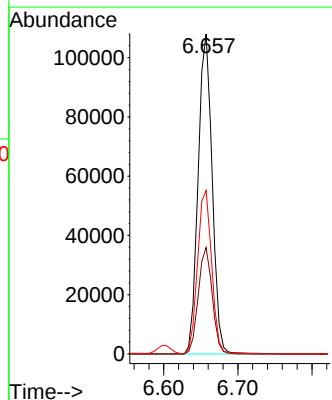
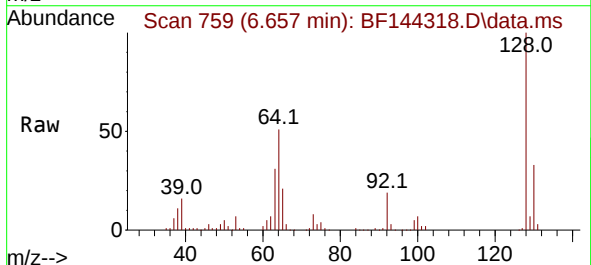
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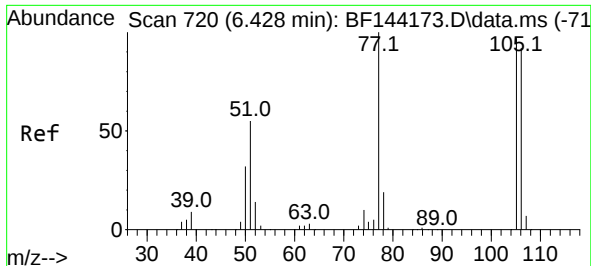
Tgt Ion: 99 Resp: 416459
Ion Ratio Lower Upper
99 100
42 24.9 20.9 31.3
71 37.1 31.4 47.2



#8
2-Chlorophenol
Concen: 43.830 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion: 128 Resp: 142434
Ion Ratio Lower Upper
128 100
130 33.3 10.5 50.5
64 51.1 33.2 73.2





#9

Benzaldehyde

Concen: 21.945 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

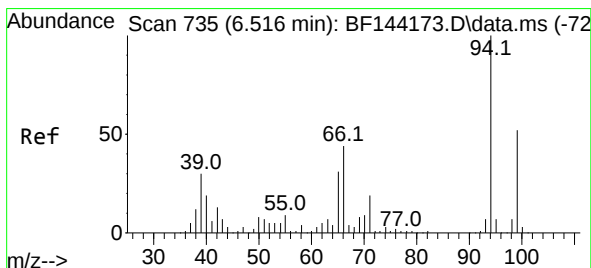
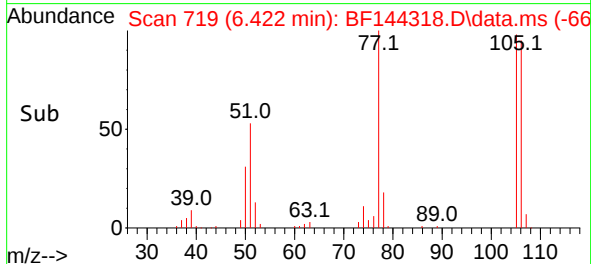
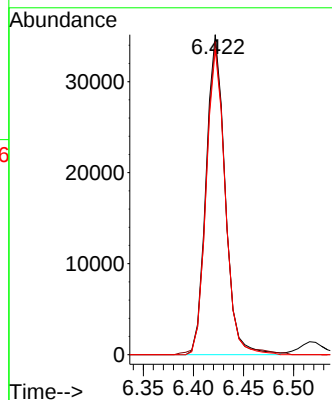
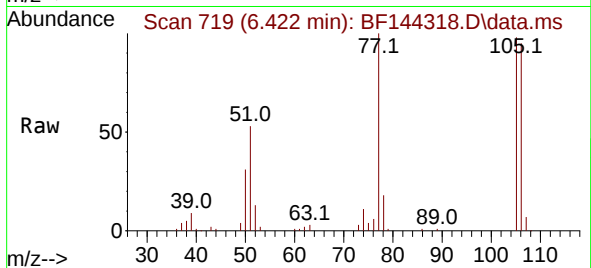
Tgt Ion: 77 Resp: 46528

Ion Ratio Lower Upper

77 100

105 97.9 77.2 117.2

106 95.3 72.2 112.2



#10

Phenol

Concen: 37.858 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

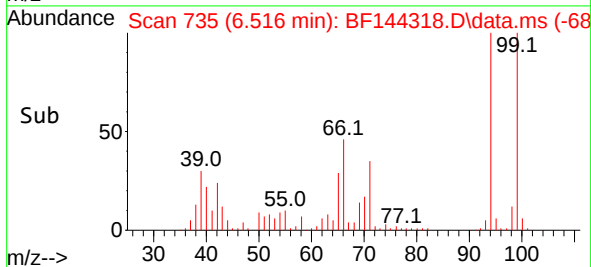
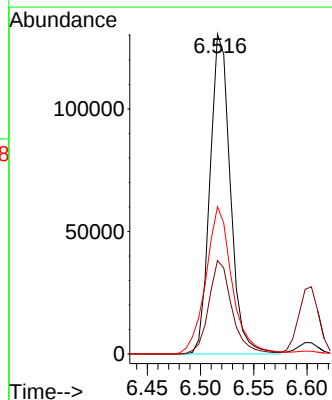
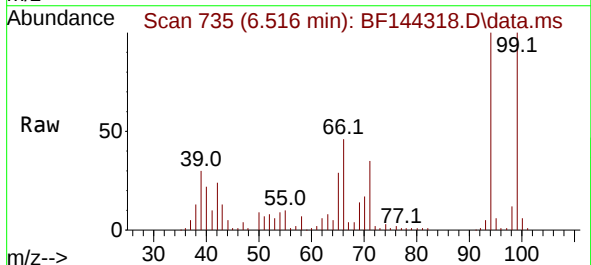
Tgt Ion: 94 Resp: 173671

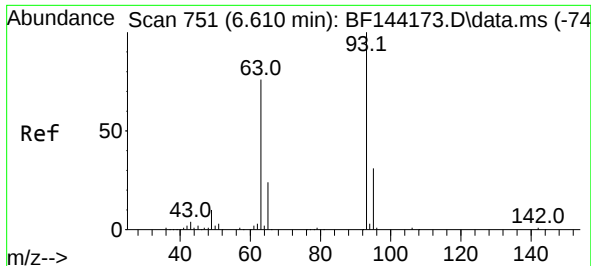
Ion Ratio Lower Upper

94 100

65 29.2 10.8 50.8

66 46.0 24.3 64.3

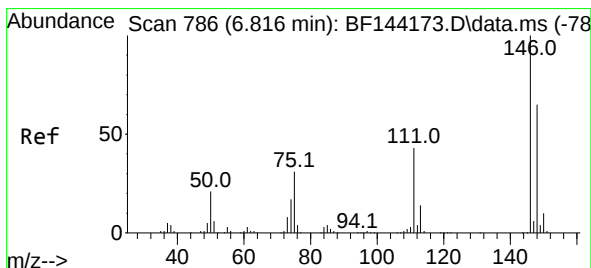
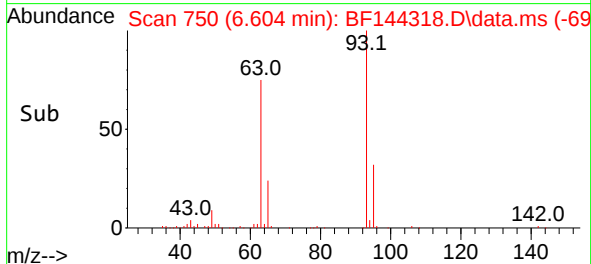
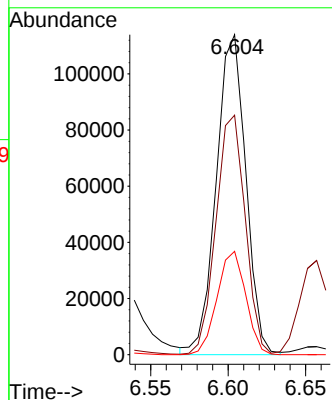
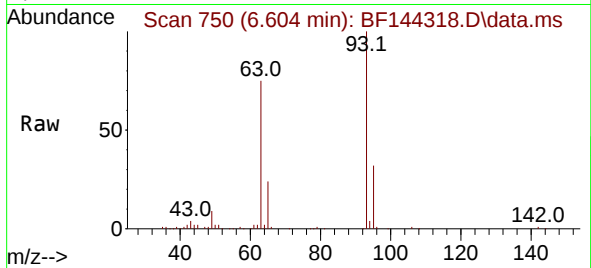




#11
bis(2-Chloroethyl)ether
Concen: 45.321 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

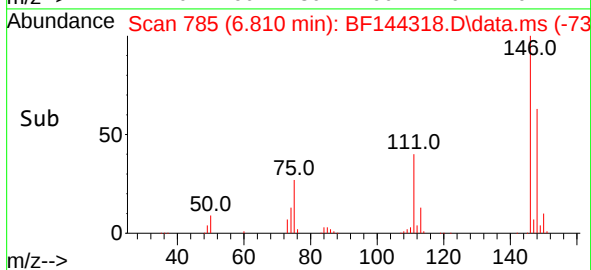
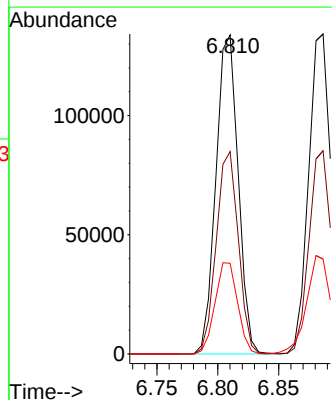
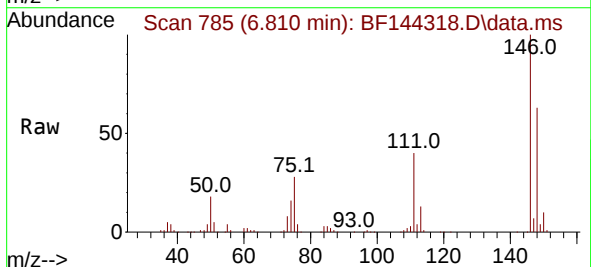
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

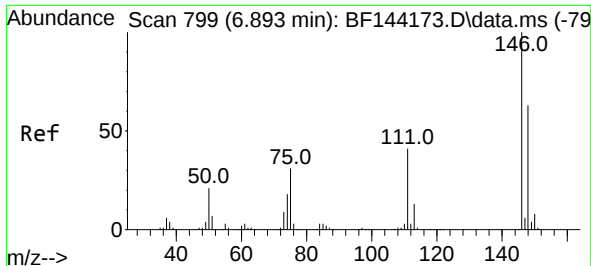
Tgt Ion: 93 Resp: 151493
Ion Ratio Lower Upper
93 100
63 74.8 55.2 95.2
95 32.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 42.437 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:146 Resp: 170172
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 28.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 42.944 ng

RT: 6.886 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

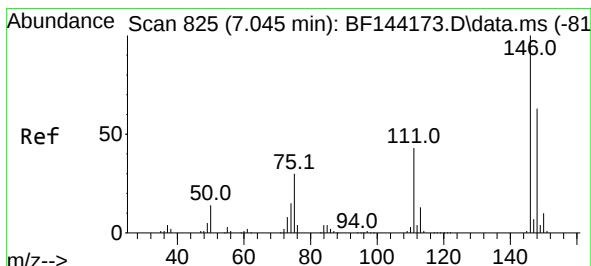
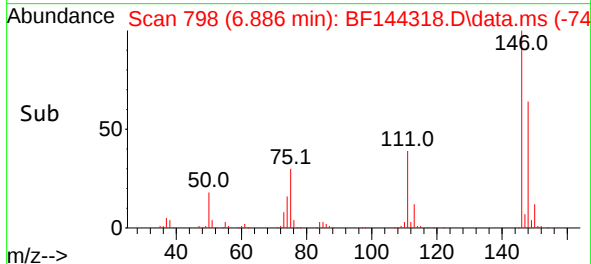
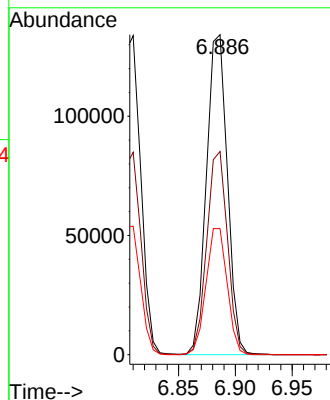
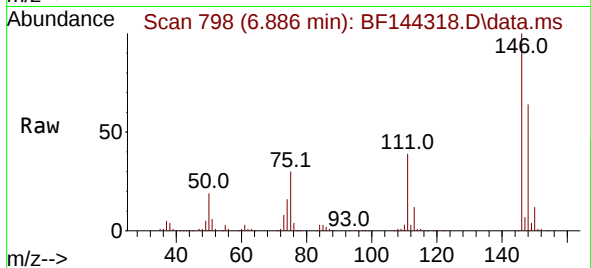
Tgt Ion:146 Resp: 172525

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

111 39.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 42.363 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

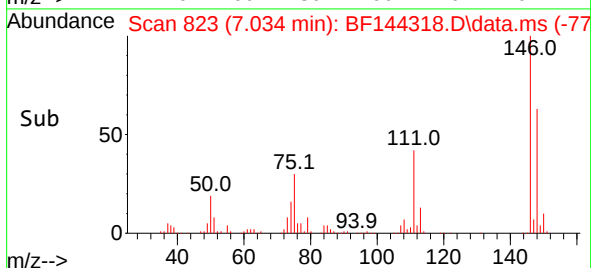
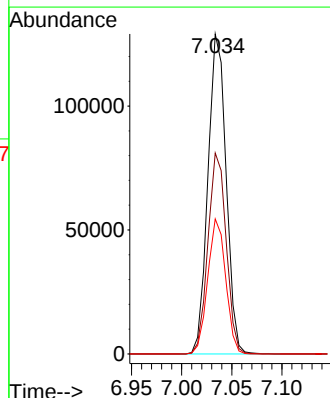
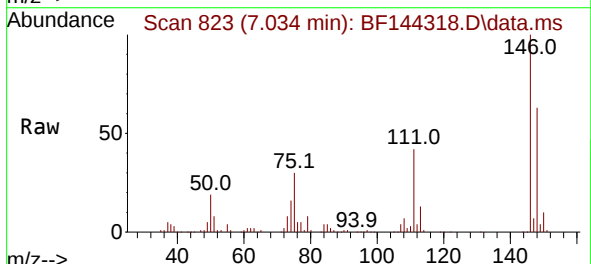
Tgt Ion:146 Resp: 163124

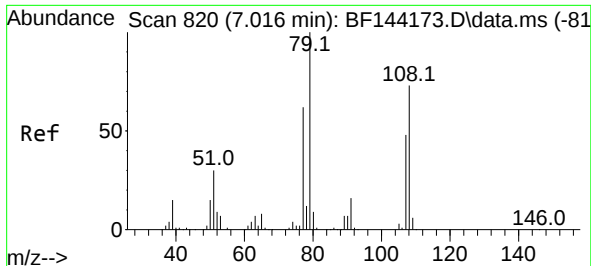
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 42.2 34.2 51.4

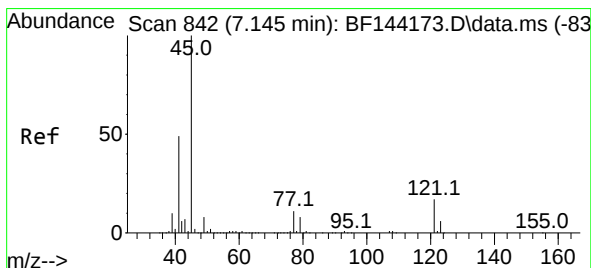
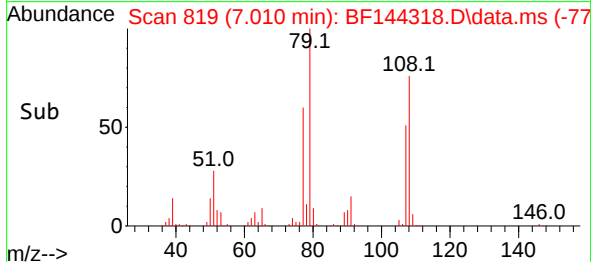
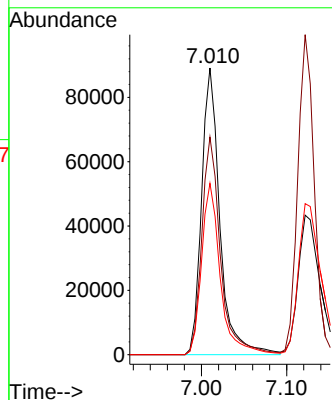
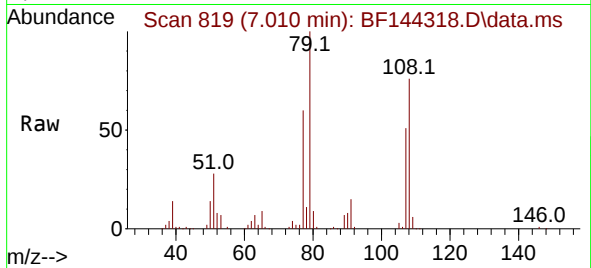




#15
Benzyl Alcohol
Concen: 44.781 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

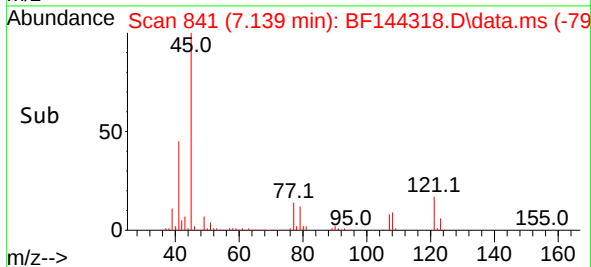
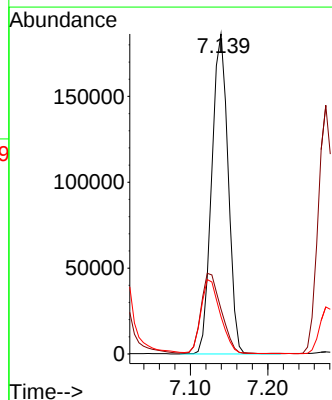
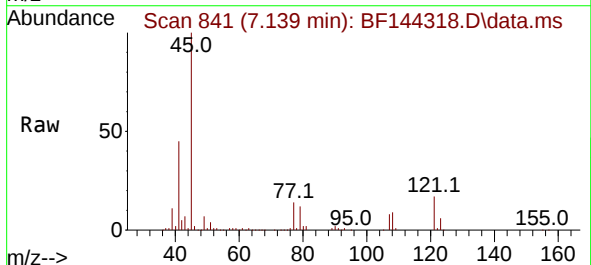
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

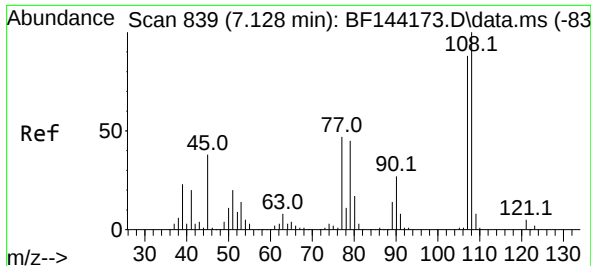
Tgt Ion: 79 Resp: 133137
Ion Ratio Lower Upper
79 100
108 75.9 58.2 87.4
77 59.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.509 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion: 45 Resp: 273982
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.8
79 11.7 0.0 29.1

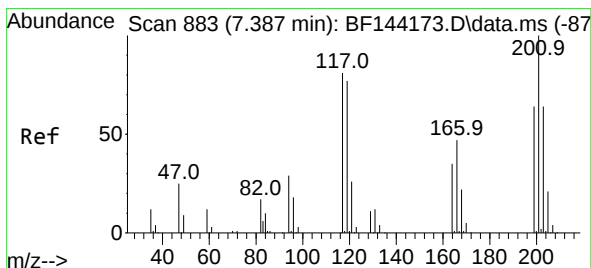
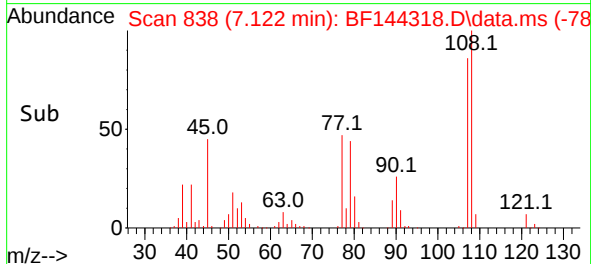
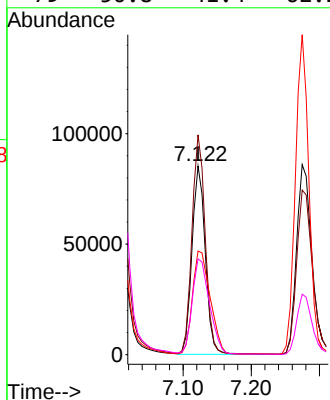
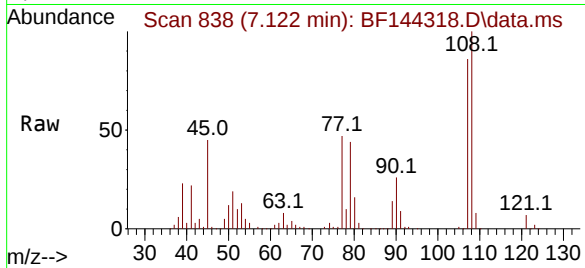




#17
2-Methylphenol
Concen: 44.491 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

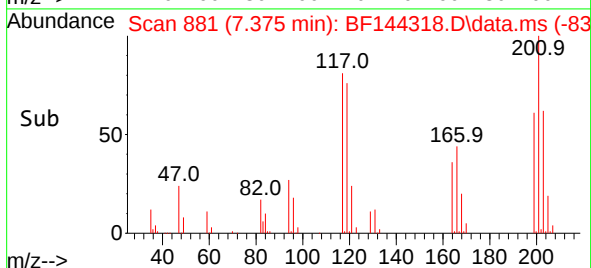
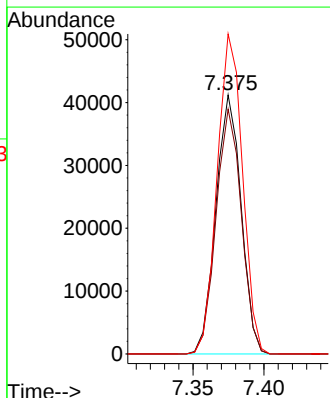
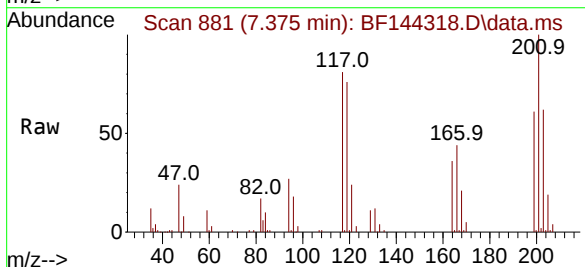
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

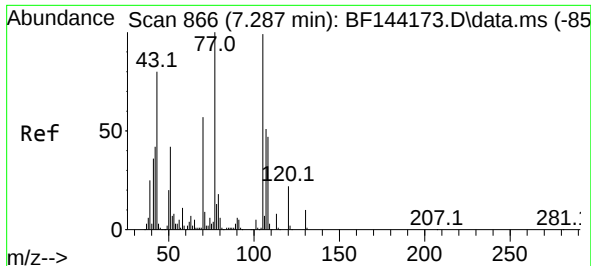
Tgt Ion:107 Resp: 115021
Ion Ratio Lower Upper
107 100
108 116.6 91.0 136.4
77 55.0 42.7 64.1
79 50.8 41.4 62.2



#18
Hexachloroethane
Concen: 38.183 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:117 Resp: 50963
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 123.6 98.9 148.3

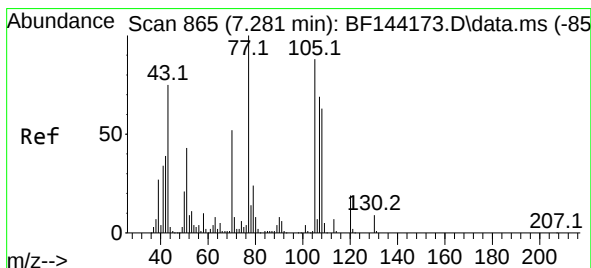
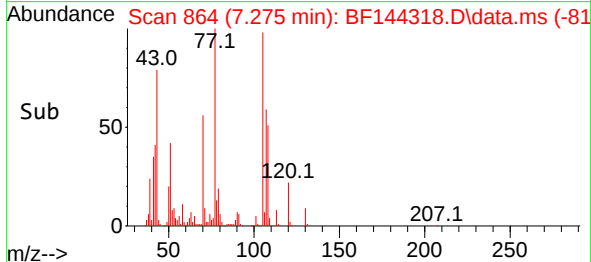
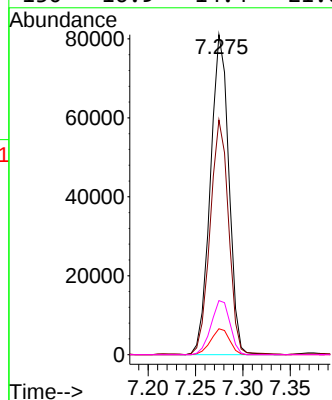
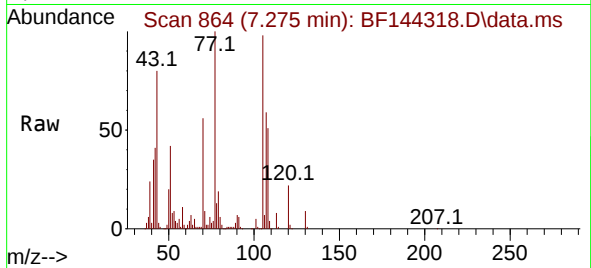




#19
n-Nitroso-di-n-propylamine
Concen: 44.333 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

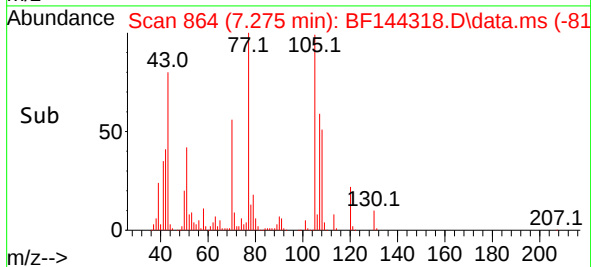
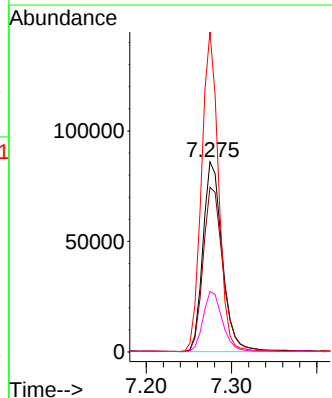
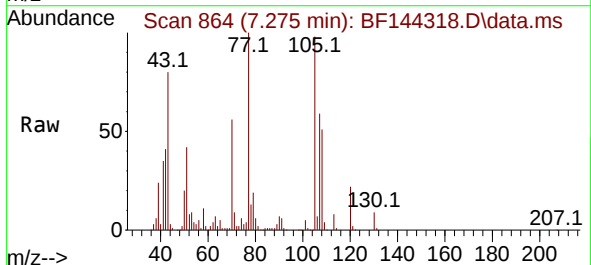
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

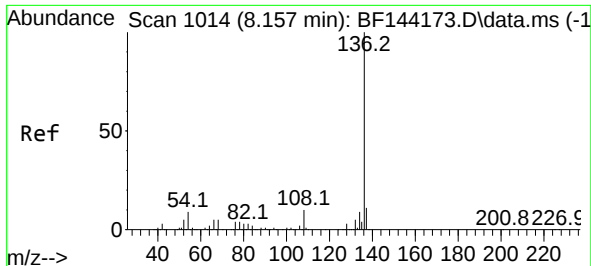
Tgt Ion:	70	Resp:	109578
Ion	Ratio	Lower	Upper
70	100		
42	73.3	58.3	87.5
101	8.1	7.0	10.6
130	16.9	14.4	21.6



#20
3+4-Methylphenols
Concen: 44.480 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:	107	Resp:	135553
Ion	Ratio	Lower	Upper
107	100		
108	86.6	70.2	110.2
77	168.4	123.9	163.9#
79	31.8	14.2	54.2

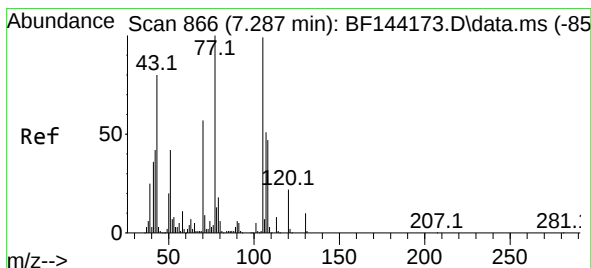
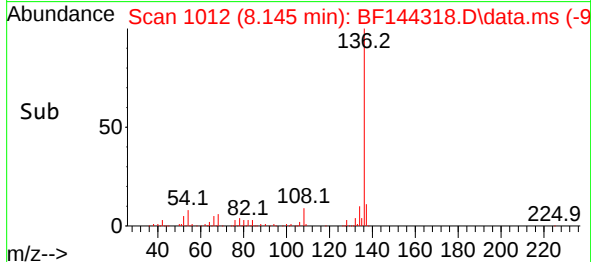
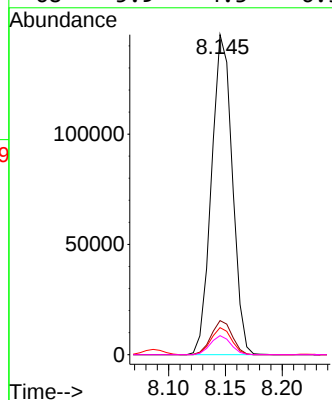
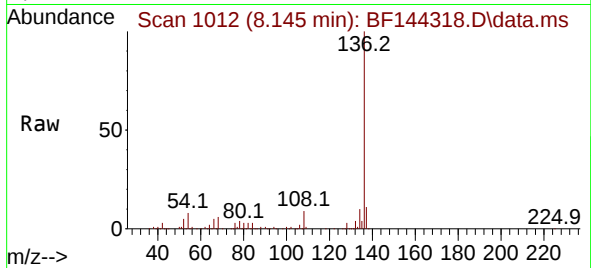




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

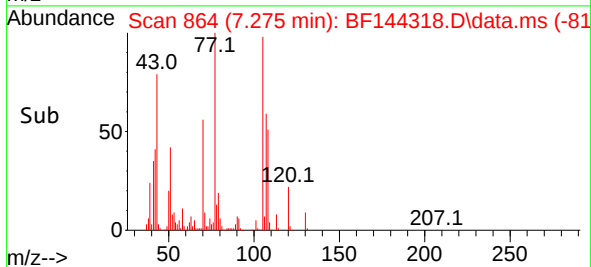
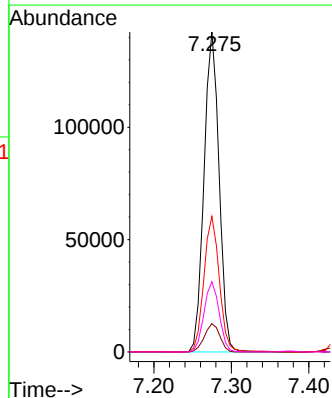
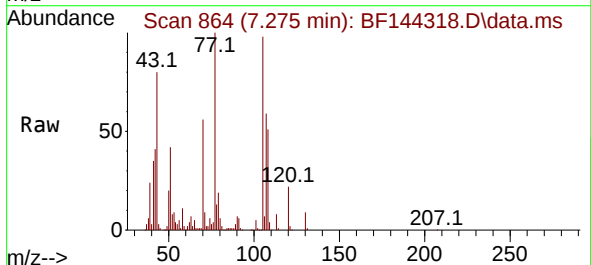
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

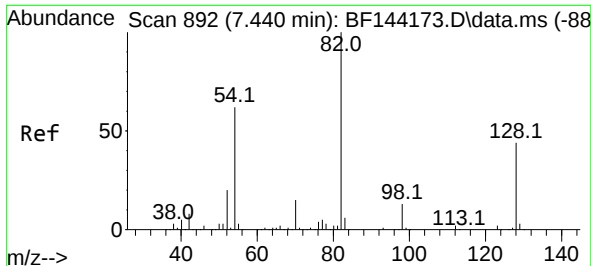
Tgt Ion:136 Resp: 185007
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.0 10.6
68 5.9 4.3 6.5



#22
Acetophenone
Concen: 48.456 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:105 Resp: 192312
Ion Ratio Lower Upper
105 100
71 8.9 7.2 10.8
51 42.4 34.0 51.0
120 21.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 90.591 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

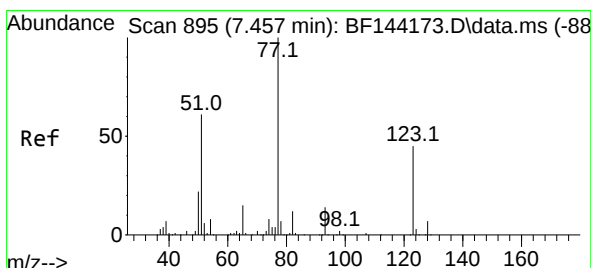
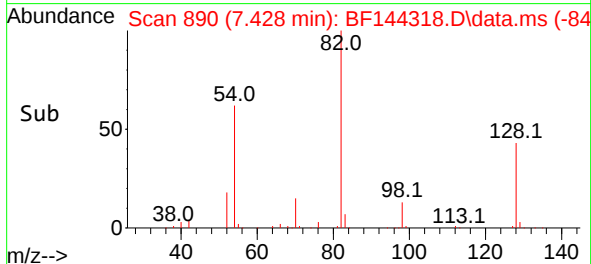
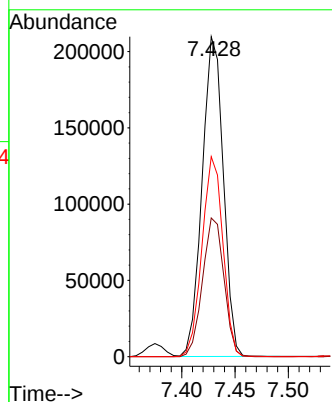
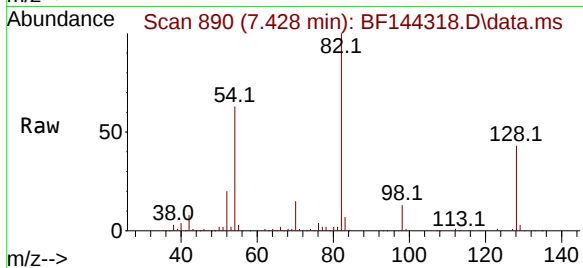
Tgt Ion: 82 Resp: 290192

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 62.5 49.5 74.3



#24

Nitrobenzene

Concen: 46.518 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

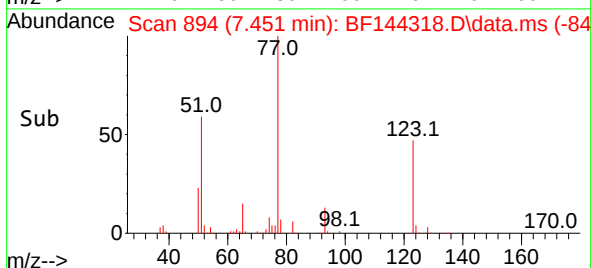
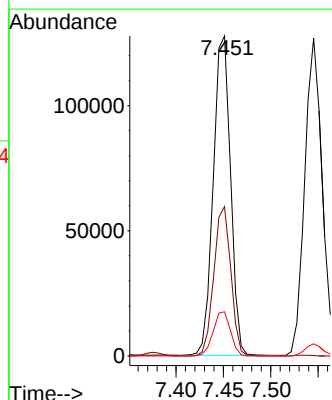
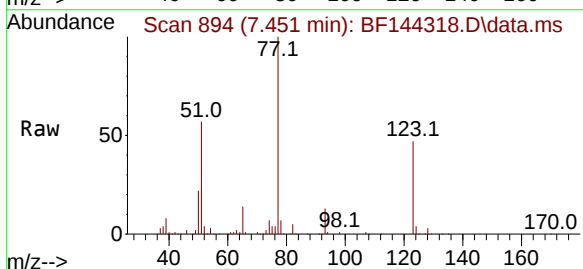
Tgt Ion: 77 Resp: 161791

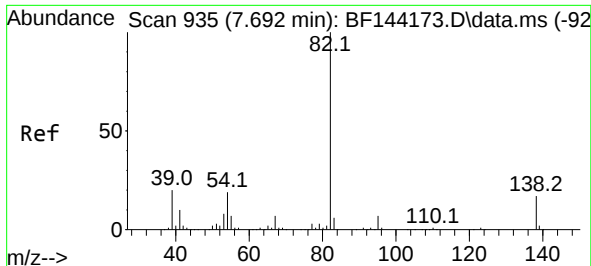
Ion Ratio Lower Upper

77 100

123 46.7 35.8 53.8

65 13.8 12.2 18.2

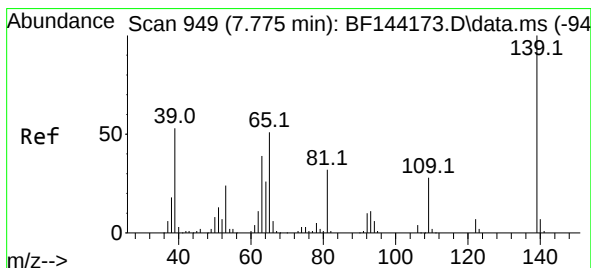
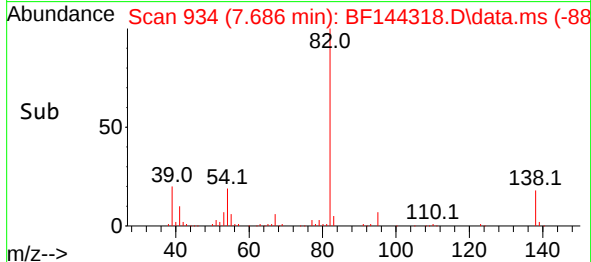
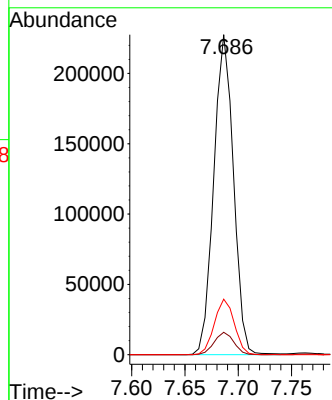
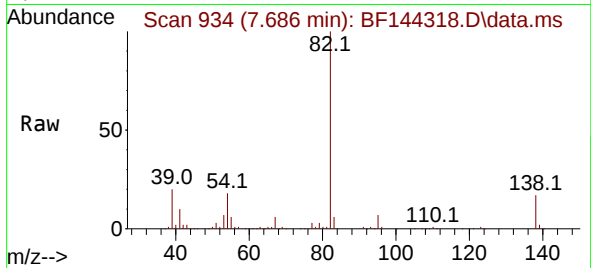




#25
Isophorone
Concen: 48.314 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

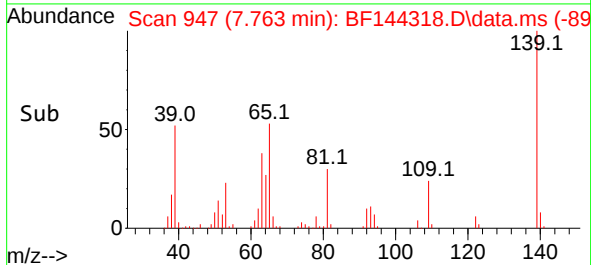
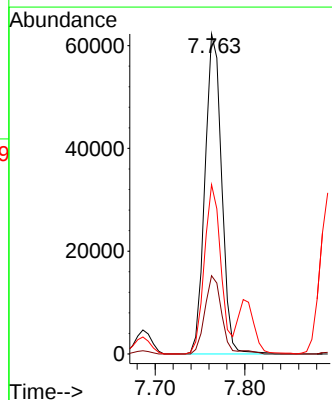
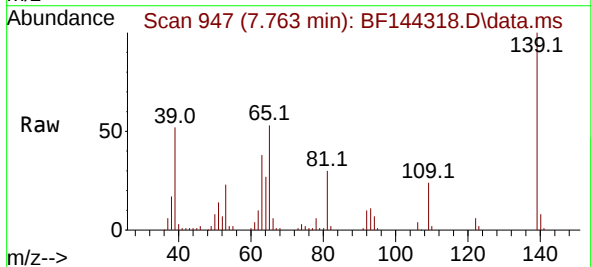
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

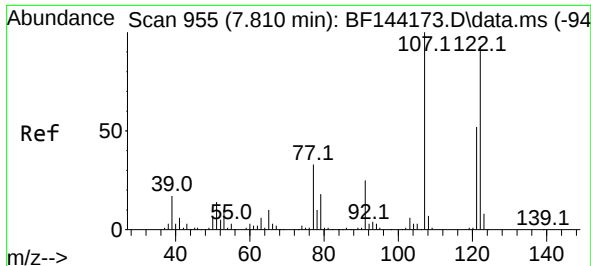
Tgt Ion: 82 Resp: 292742
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 46.688 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:139 Resp: 80383
Ion Ratio Lower Upper
139 100
109 24.5 22.2 33.2
65 52.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 53.980 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

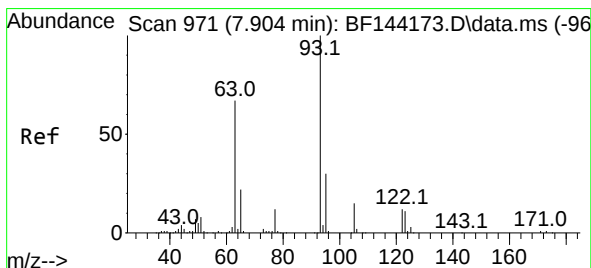
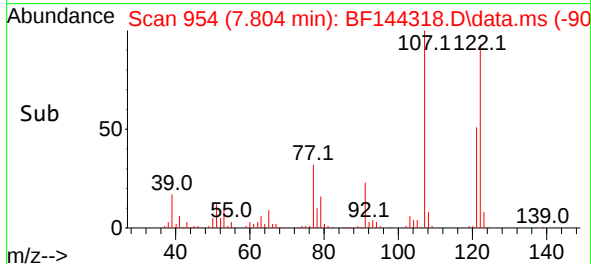
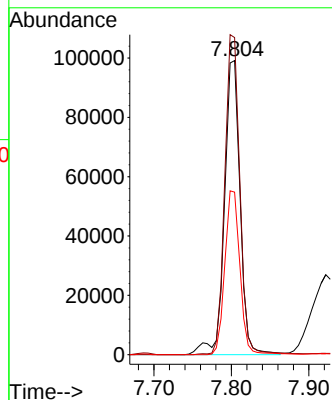
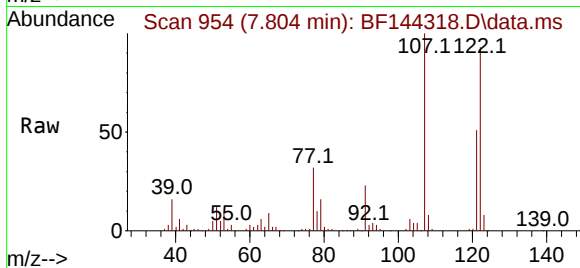
Tgt Ion:122 Resp: 139296

Ion Ratio Lower Upper

122 100

107 107.9 86.2 129.4

121 55.3 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 49.549 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

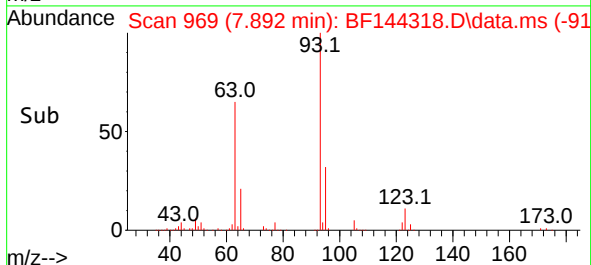
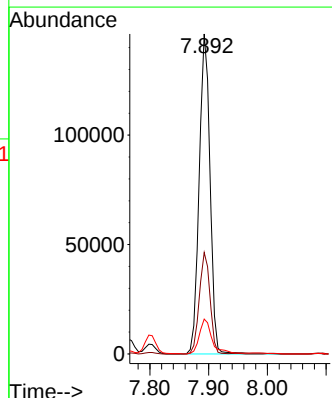
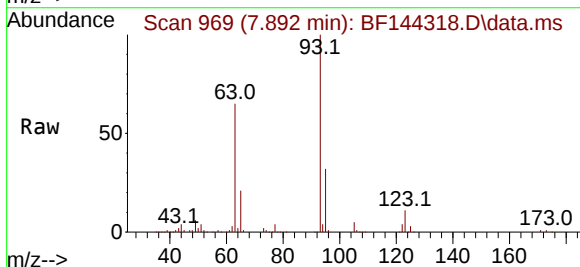
Tgt Ion: 93 Resp: 187479

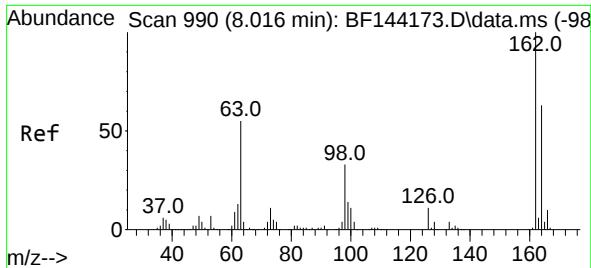
Ion Ratio Lower Upper

93 100

95 31.7 24.2 36.4

123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.780 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

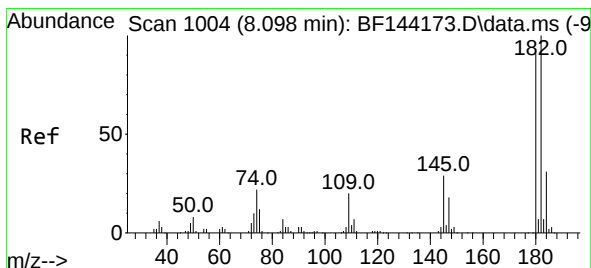
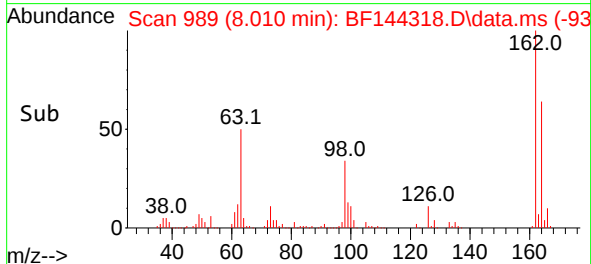
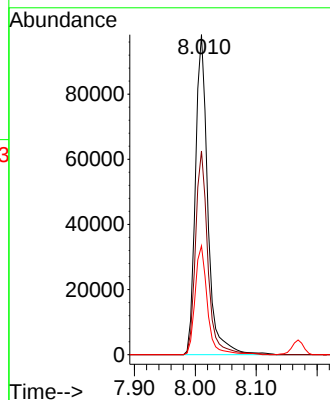
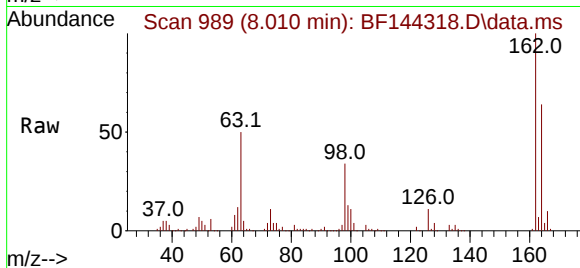
Tgt Ion:162 Resp: 139134

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

98 34.0 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 45.296 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

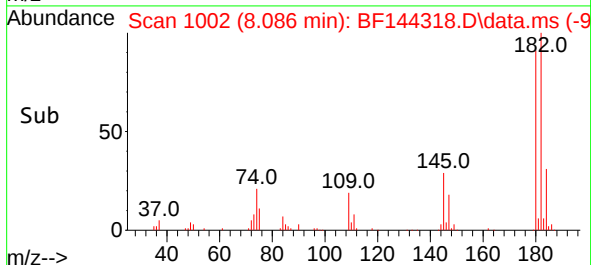
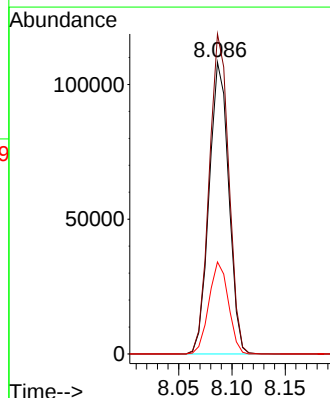
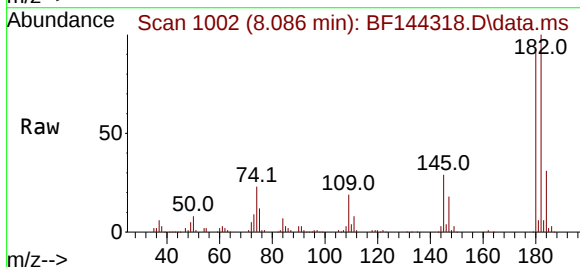
Tgt Ion:180 Resp: 138338

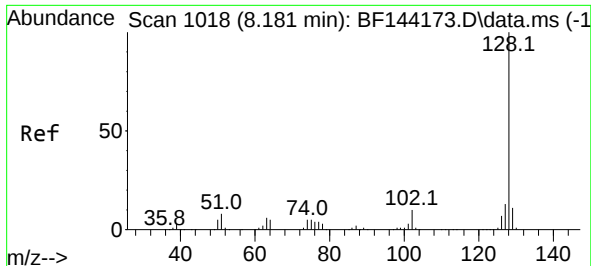
Ion Ratio Lower Upper

180 100

182 109.7 87.7 131.5

145 31.6 25.4 38.0

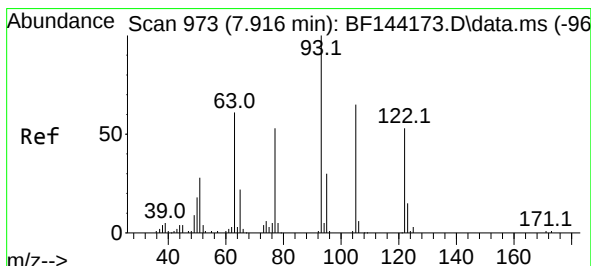
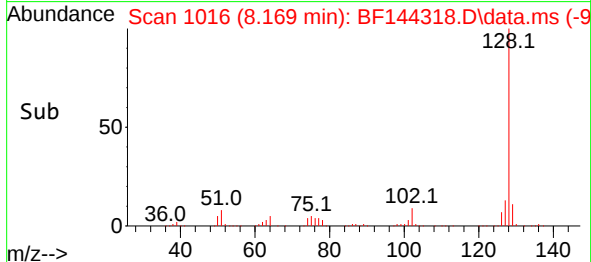
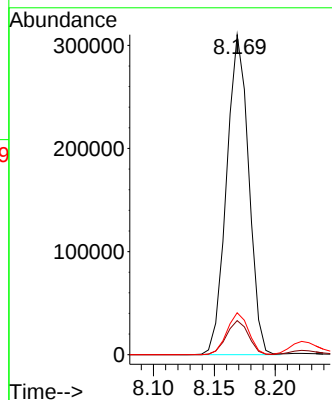
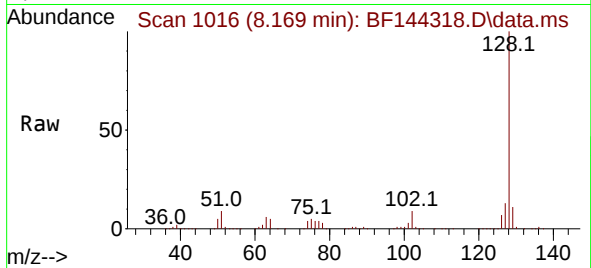




#31
Naphthalene
Concen: 44.668 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

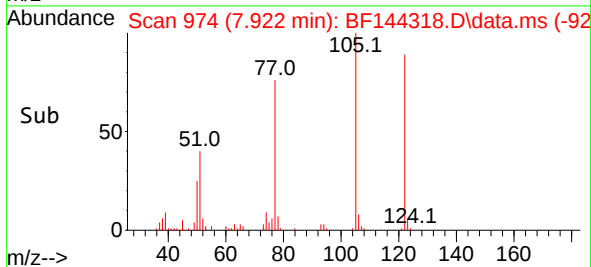
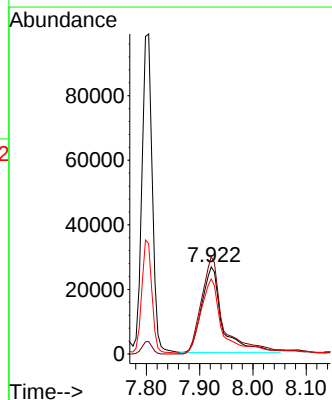
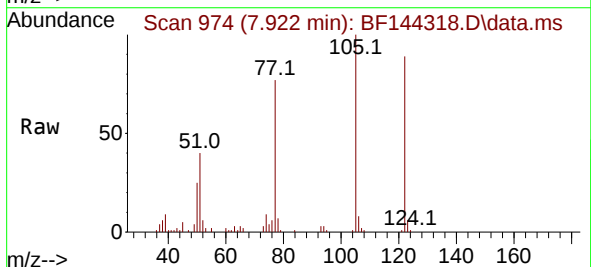
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

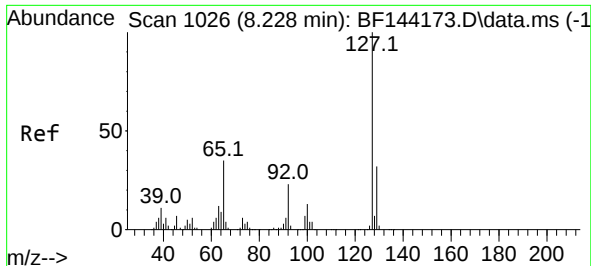
Tgt Ion:128 Resp: 393109
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 37.744 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:122 Resp: 71395
Ion Ratio Lower Upper
122 100
105 111.7 99.9 139.9
77 86.2 77.5 117.5

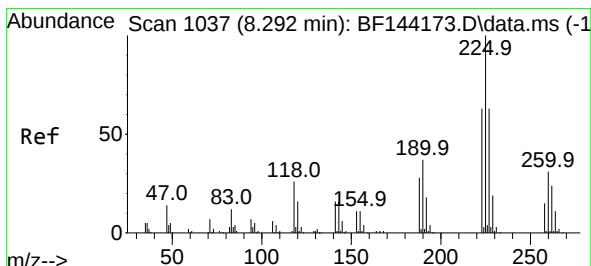
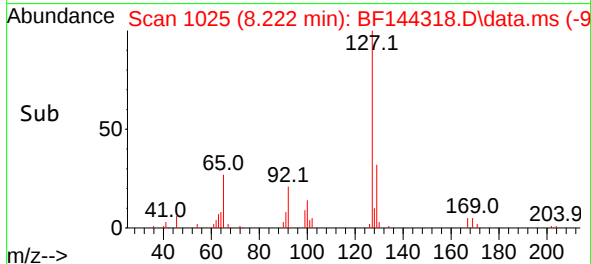
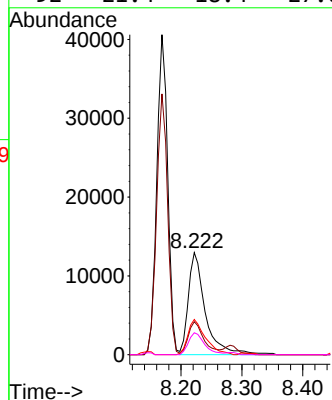
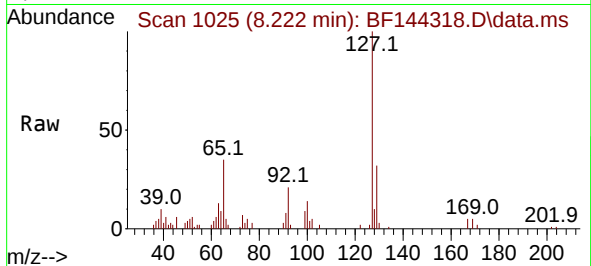




#33
4-Chloroaniline
Concen: 7.832 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

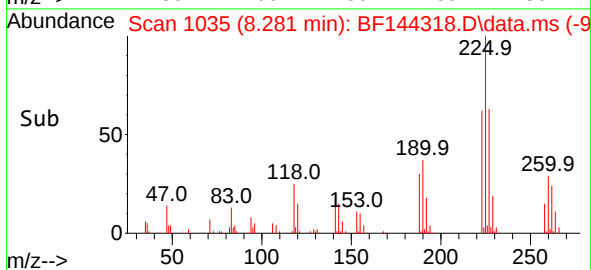
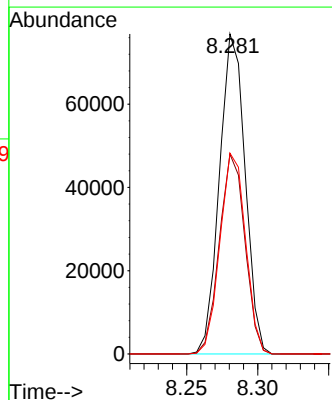
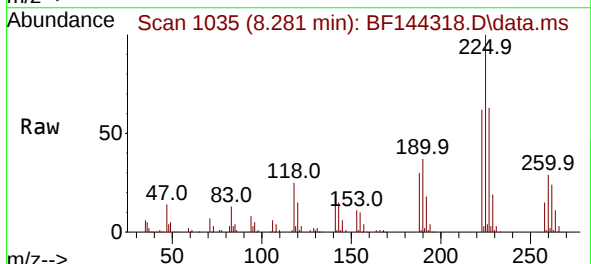
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

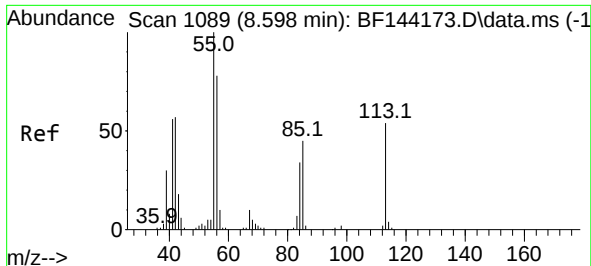
Tgt Ion:127	Resp:	25137
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.3 37.9
65	34.6	27.6 41.4
92	21.4	18.4 27.6



#34
Hexachlorobutadiene
Concen: 41.951 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:225	Resp:	96560
Ion Ratio	Lower	Upper
225	100	
223	62.4	50.2 75.4
227	62.7	50.1 75.1

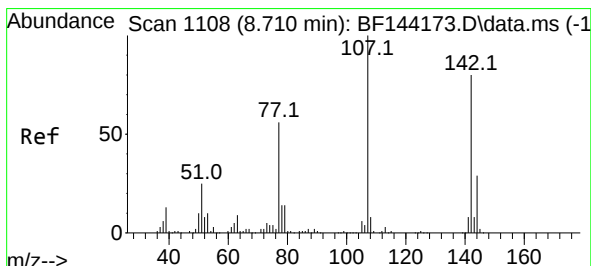
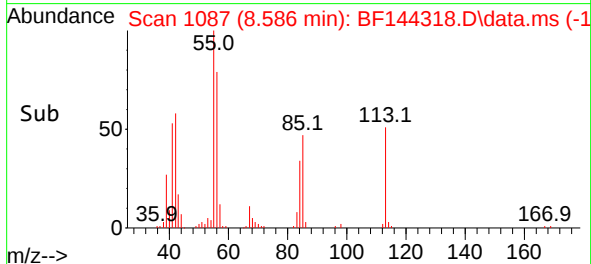
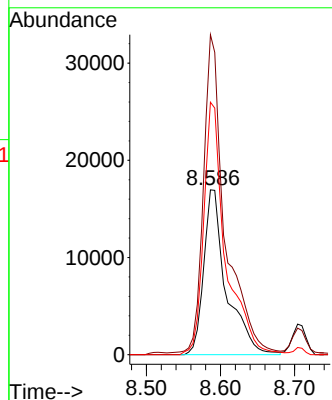
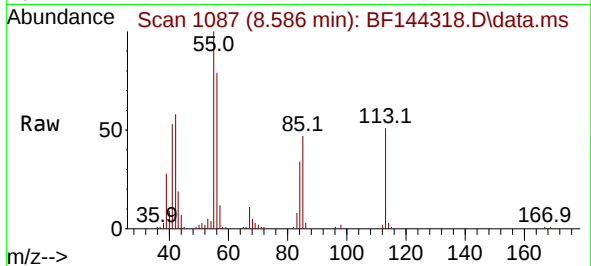




#35
 Caprolactam
 Concen: 44.278 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.035 min
 Lab File: BF144318.D
 Acq: 21 Nov 2025 20:19

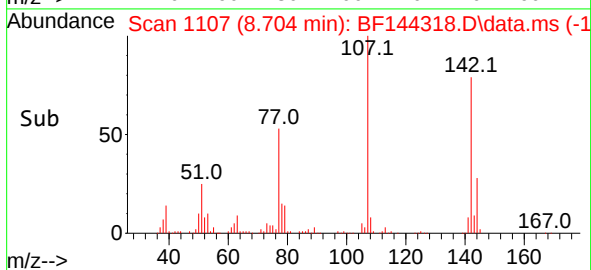
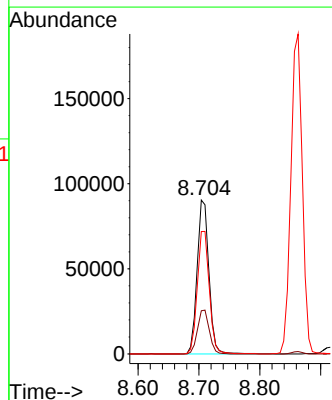
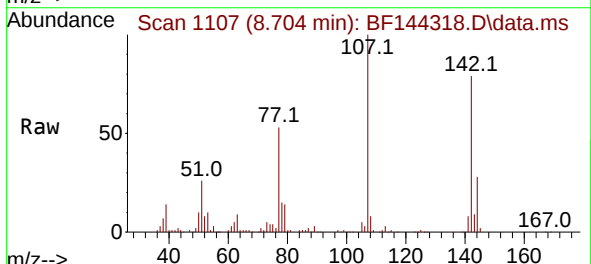
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMS

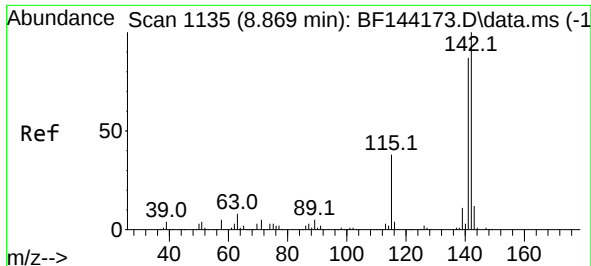
Tgt Ion:113 Resp: 36080
 Ion Ratio Lower Upper
 113 100
 55 194.2 166.8 206.8
 56 153.3 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.708 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144318.D
 Acq: 21 Nov 2025 20:19

Tgt Ion:107 Resp: 121835
 Ion Ratio Lower Upper
 107 100
 144 28.1 23.3 34.9
 142 79.5 63.8 95.6

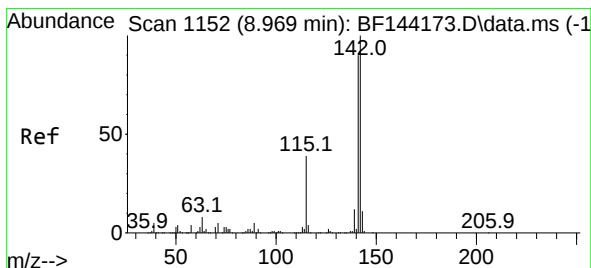
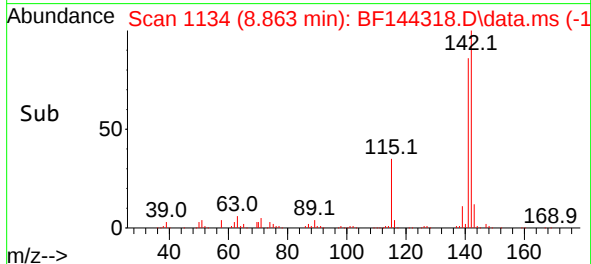
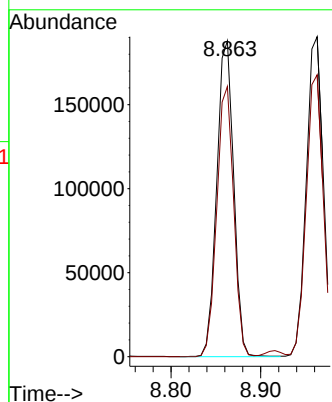
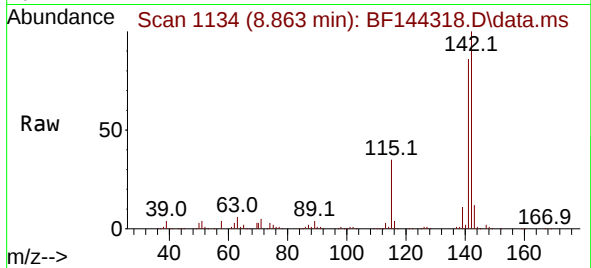




#37
2-Methylnaphthalene
Concen: 41.814 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

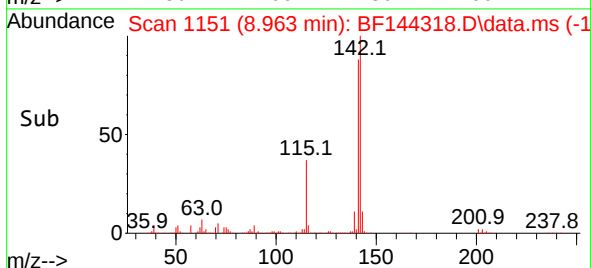
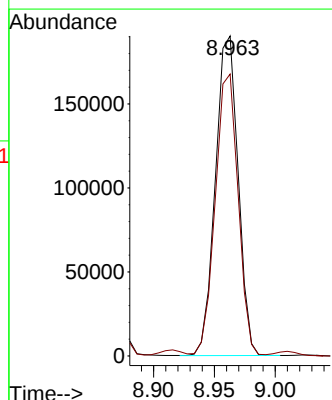
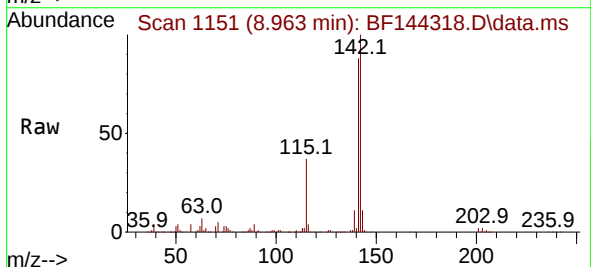
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

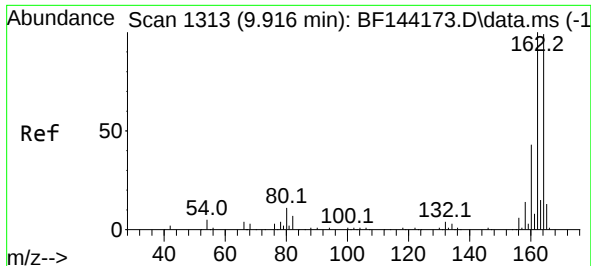
Tgt Ion:142 Resp: 246032
Ion Ratio Lower Upper
142 100
141 85.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.547 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:142 Resp: 247234
Ion Ratio Lower Upper
142 100
141 88.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

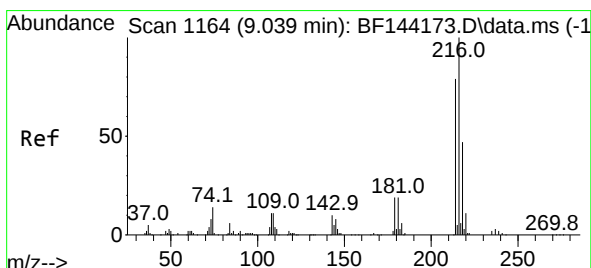
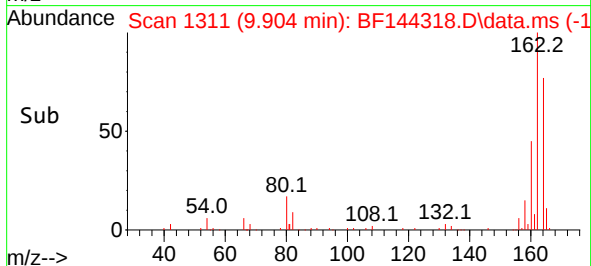
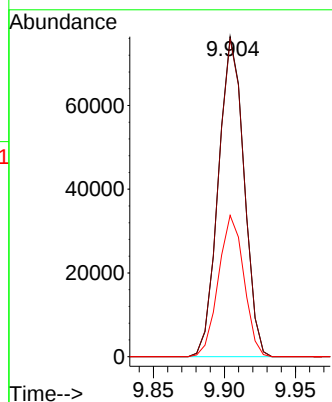
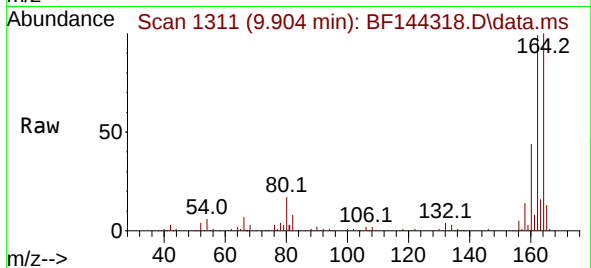
Tgt Ion:164 Resp: 95641

Ion Ratio Lower Upper

164 100

162 99.3 81.1 121.7

160 44.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.467 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Tgt Ion:216 Resp: 148784

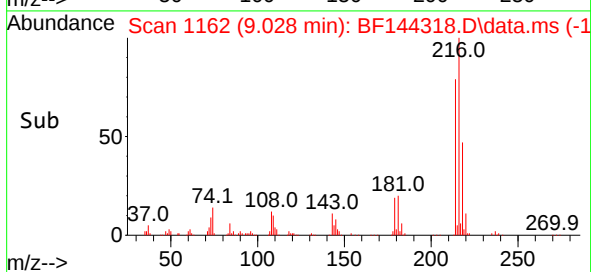
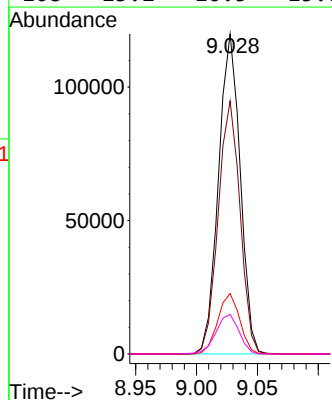
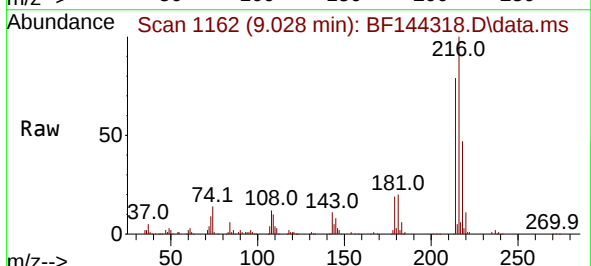
Ion Ratio Lower Upper

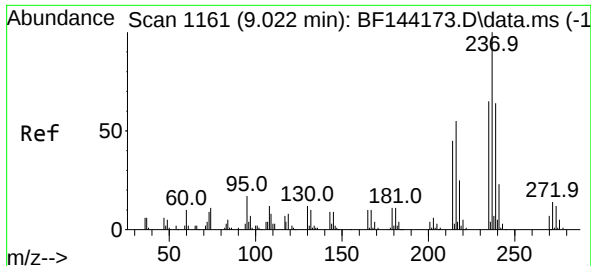
216 100

214 79.5 63.4 95.2

179 19.1 15.0 22.4

108 13.2 10.5 15.7

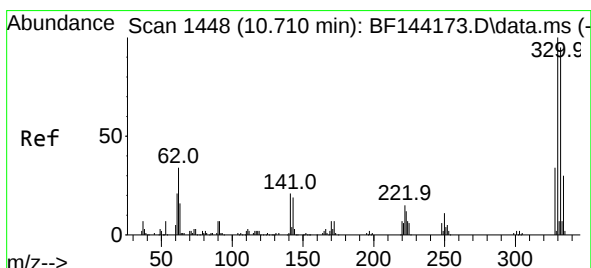
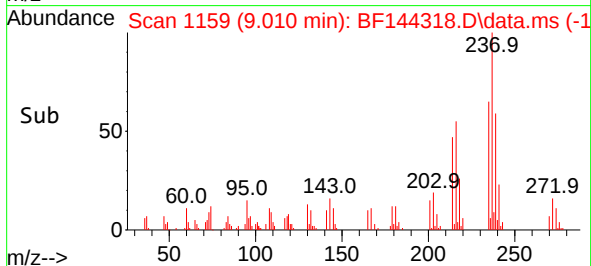
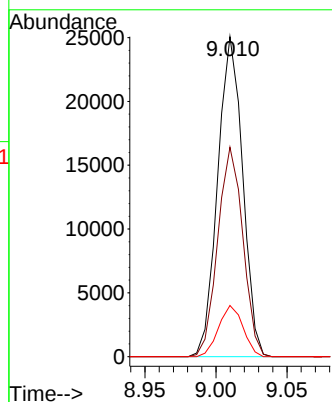
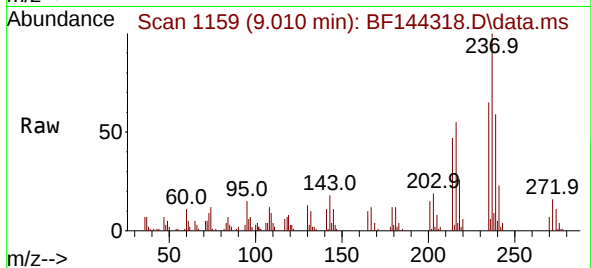




#41
Hexachlorocyclopentadiene
Concen: 33.821 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

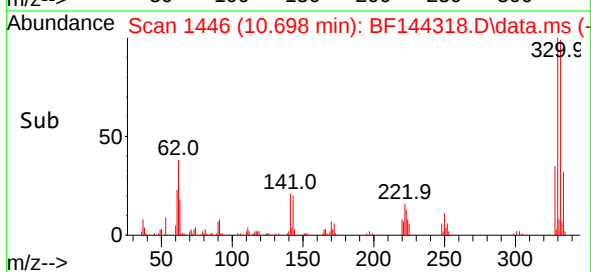
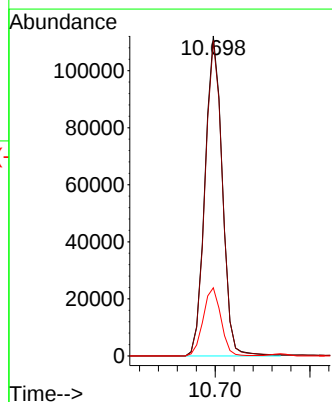
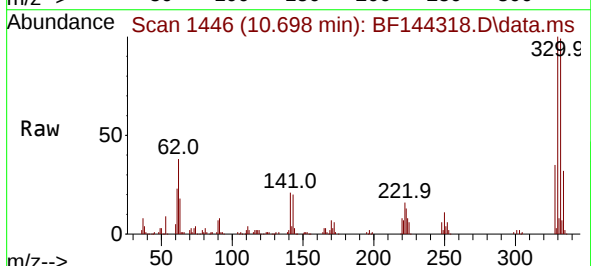
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

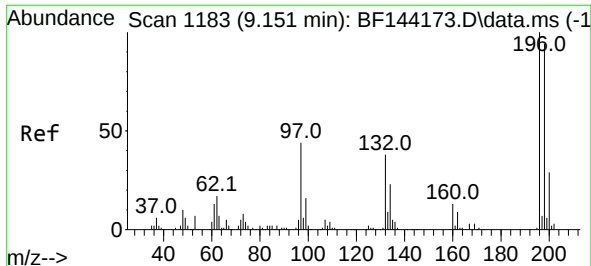
Tgt Ion:237 Resp: 30632
Ion Ratio Lower Upper
237 100
235 65.4 45.5 85.5
272 16.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 118.638 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:330 Resp: 142387
Ion Ratio Lower Upper
330 100
332 99.0 76.7 115.1
141 21.8 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 47.470 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

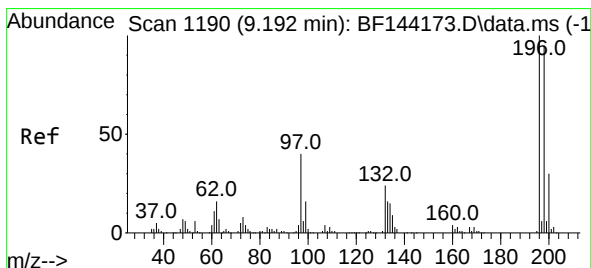
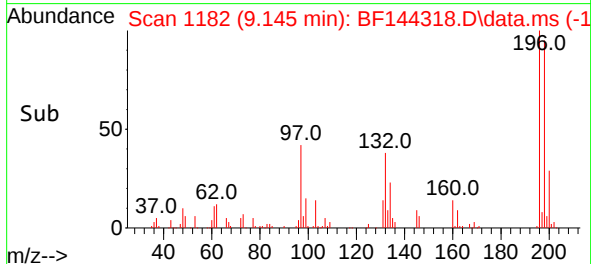
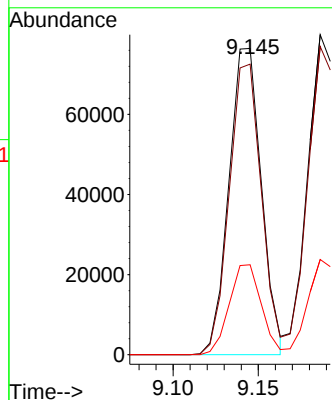
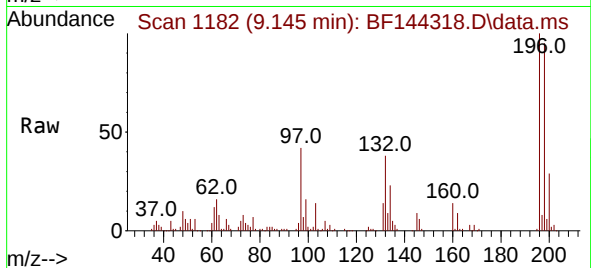
Tgt Ion:196 Resp: 101271

Ion Ratio Lower Upper

196 100

198 94.9 75.3 112.9

200 29.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 46.909 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Tgt Ion:196 Resp: 107857

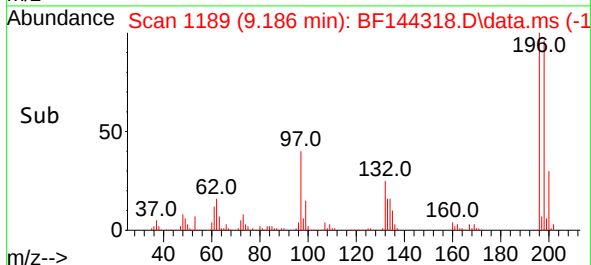
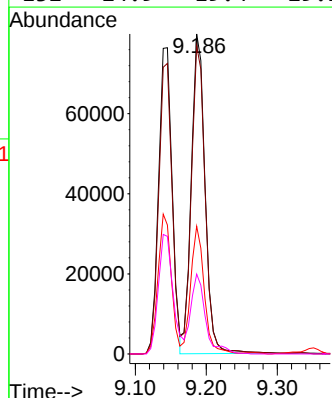
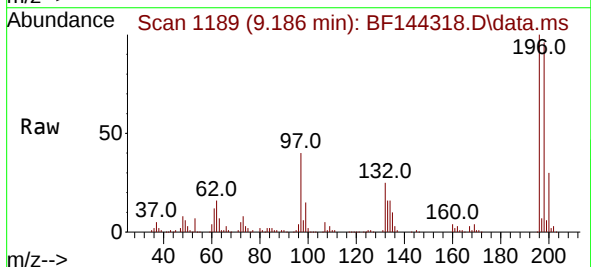
Ion Ratio Lower Upper

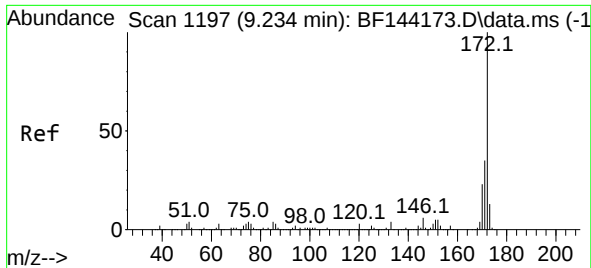
196 100

198 96.3 76.1 114.1

97 39.9 31.9 47.9

132 24.9 19.4 29.2

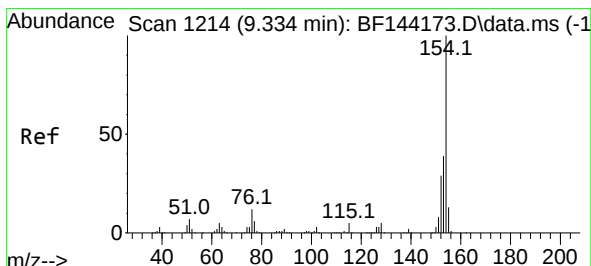
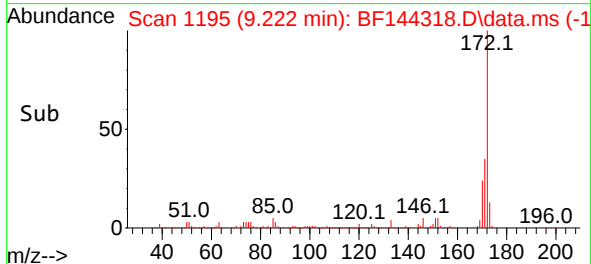
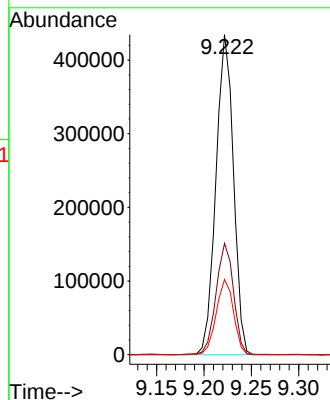
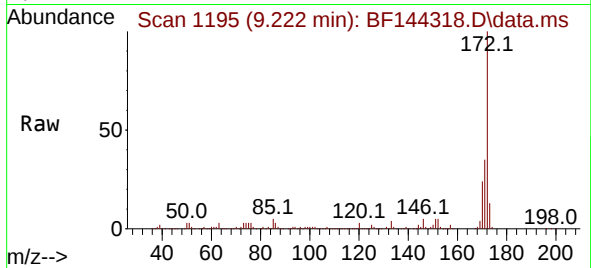




#45
2-Fluorobiphenyl
Concen: 86.326 ng
RT: 9.222 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

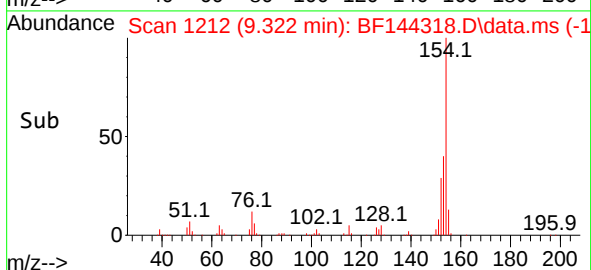
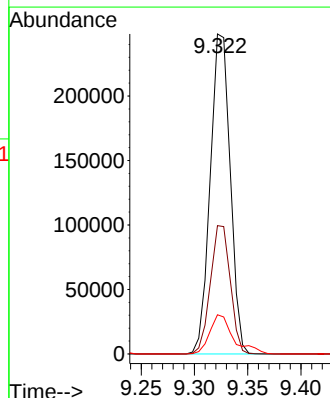
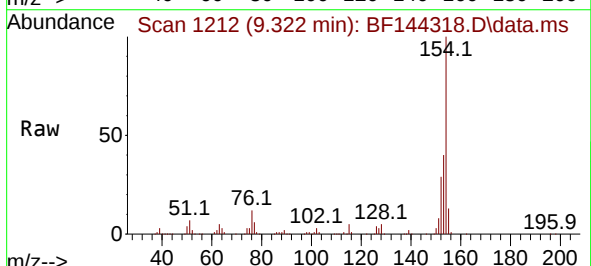
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

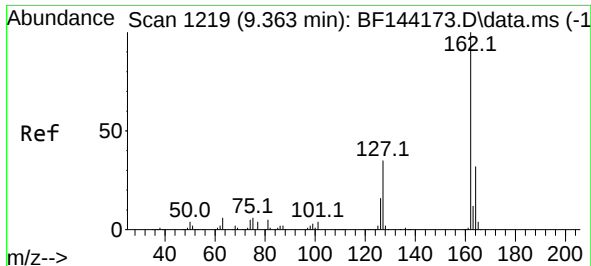
Tgt Ion:172 Resp: 559015
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 48.529 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:154 Resp: 323982
Ion Ratio Lower Upper
154 100
153 40.1 19.2 59.2
76 12.2 0.0 31.8

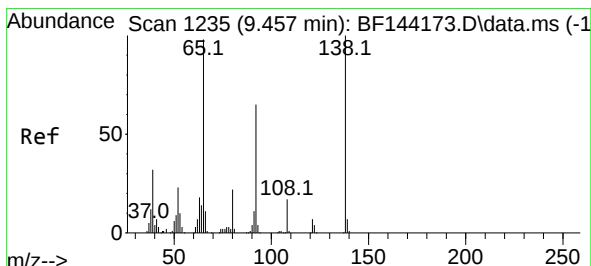
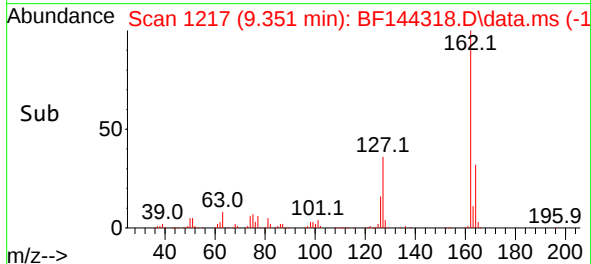
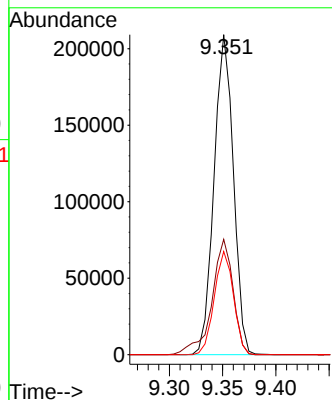
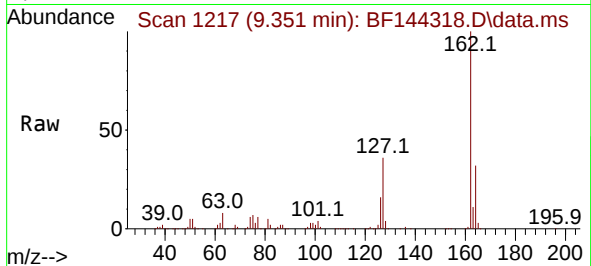




#47
2-Chloronaphthalene
Concen: 46.345 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

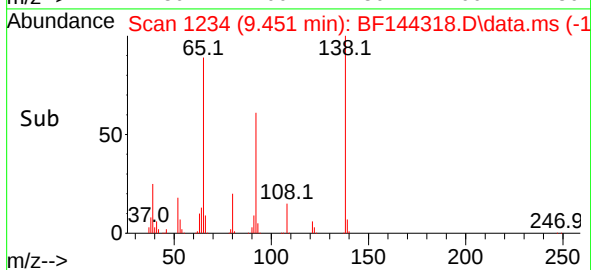
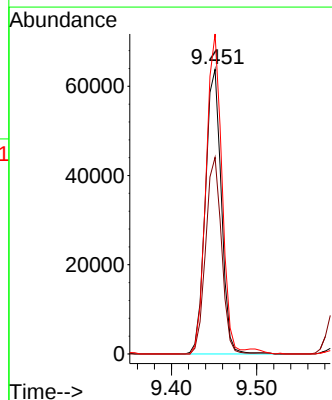
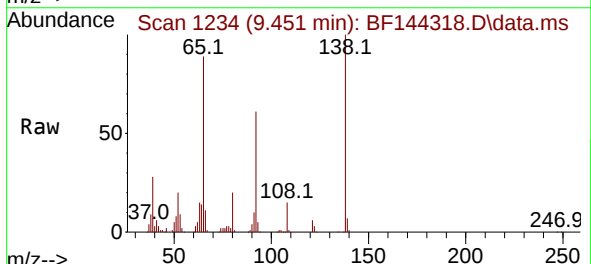
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

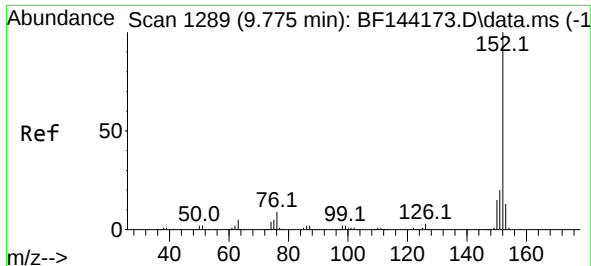
Tgt Ion:162 Resp: 263922
Ion Ratio Lower Upper
162 100
127 36.0 28.8 43.2
164 32.3 25.8 38.8



#48
2-Nitroaniline
Concen: 50.540 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion: 65 Resp: 83044
Ion Ratio Lower Upper
65 100
92 69.1 53.0 79.6
138 112.4 81.6 122.4

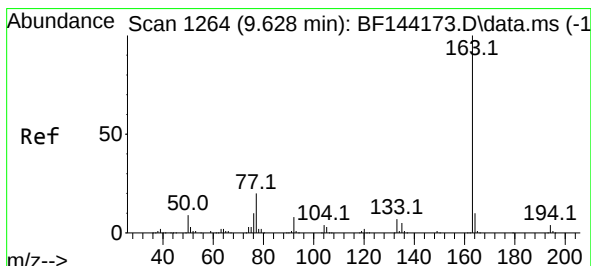
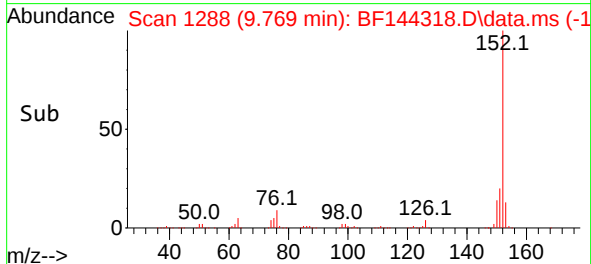
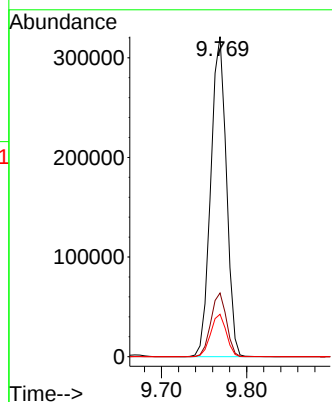
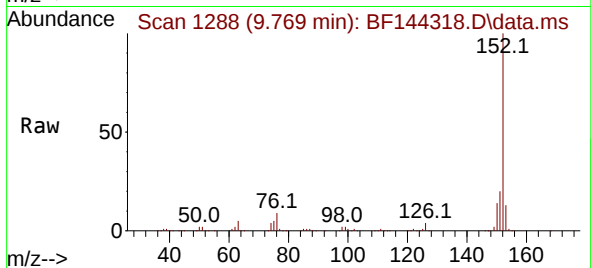




#49
Acenaphthylene
Concen: 52.860 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

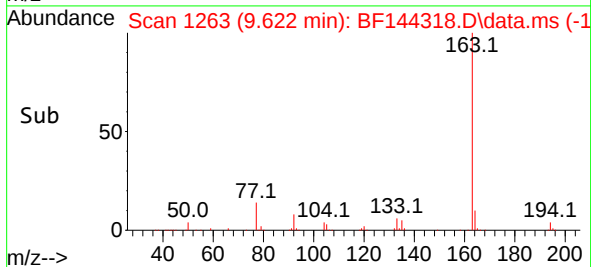
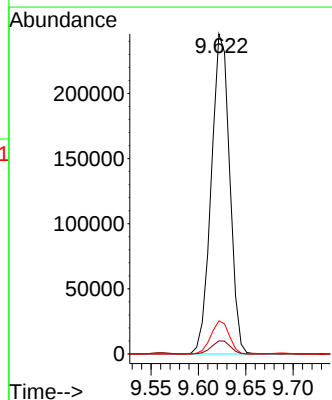
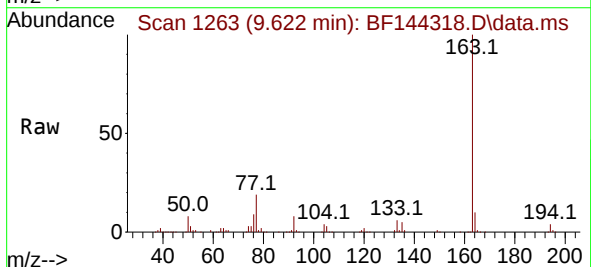
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

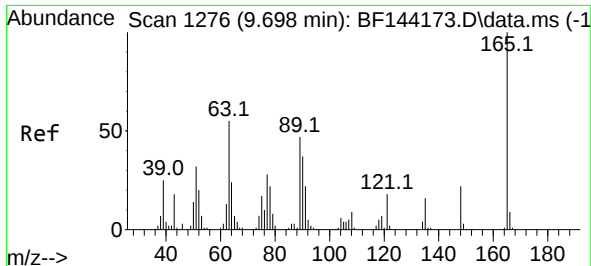
Tgt Ion:152 Resp: 410215
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 52.493 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:163 Resp: 332600
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.1 12.1

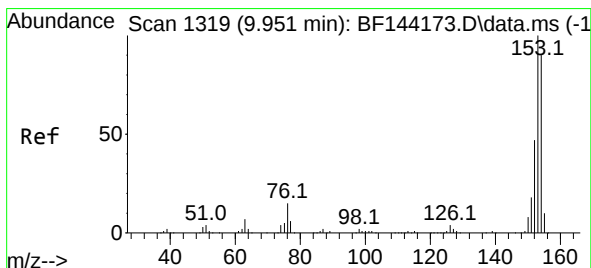
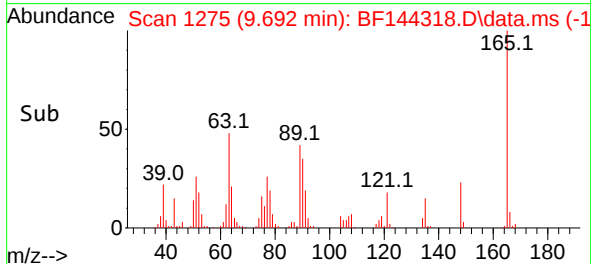
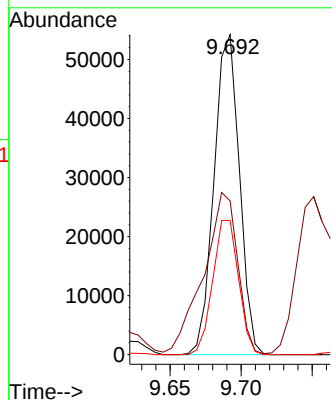
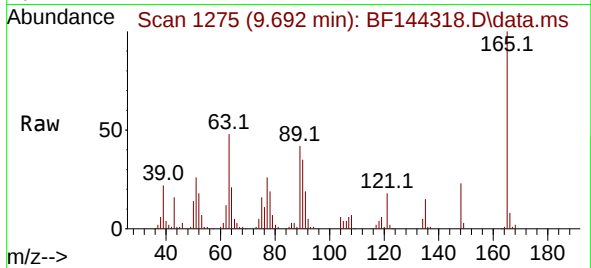




#51
2,6-Dinitrotoluene
Concen: 52.553 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

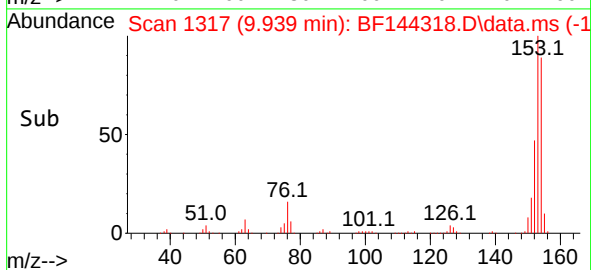
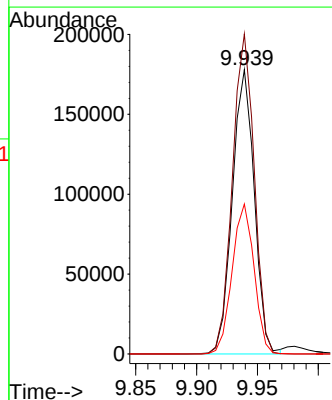
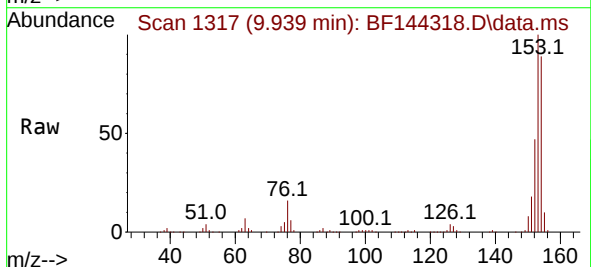
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

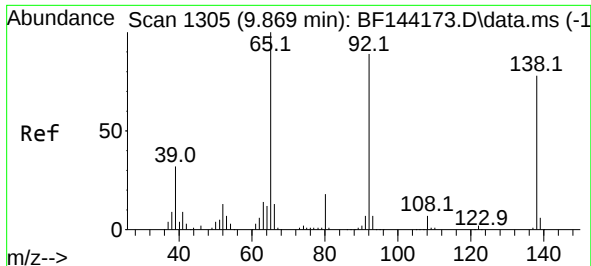
Tgt Ion:165 Resp: 67405
Ion Ratio Lower Upper
165 100
63 48.0 43.8 65.8
89 42.0 37.5 56.3



#52
Acenaphthene
Concen: 43.031 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:154 Resp: 223307
Ion Ratio Lower Upper
154 100
153 112.5 89.0 133.4
152 52.7 42.2 63.4

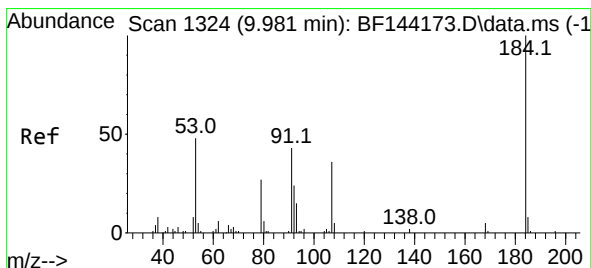
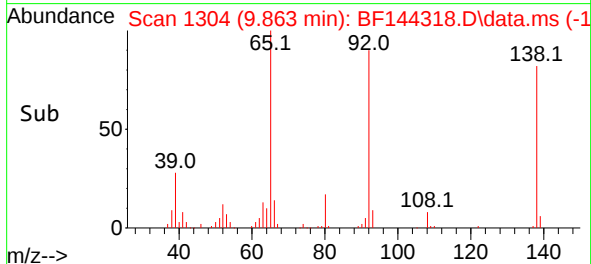
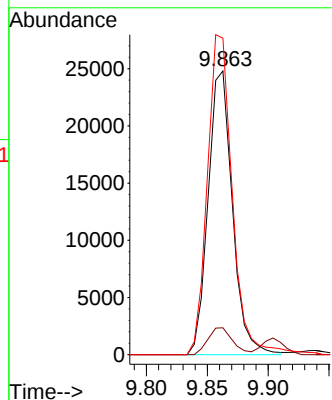
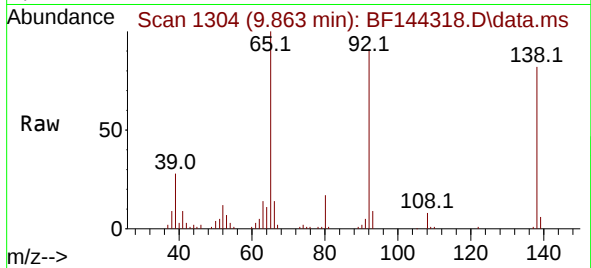




#53
3-Nitroaniline
Concen: 24.600 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

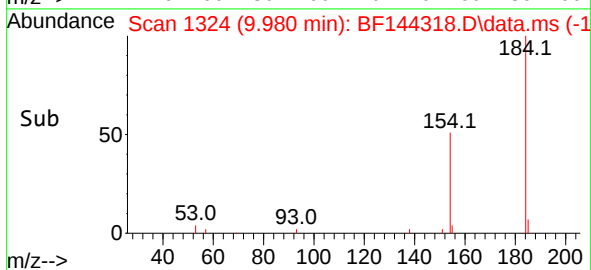
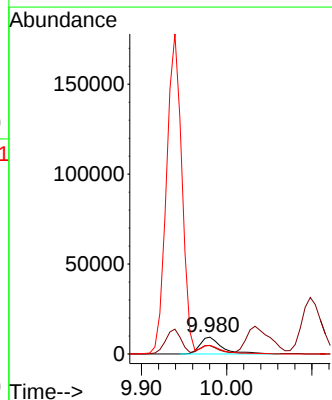
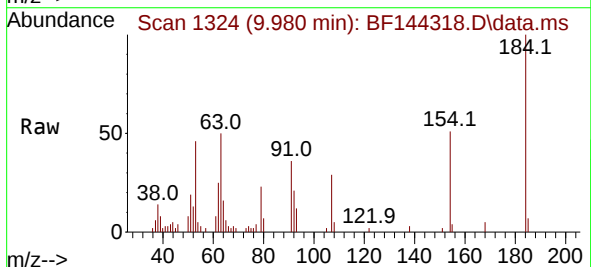
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

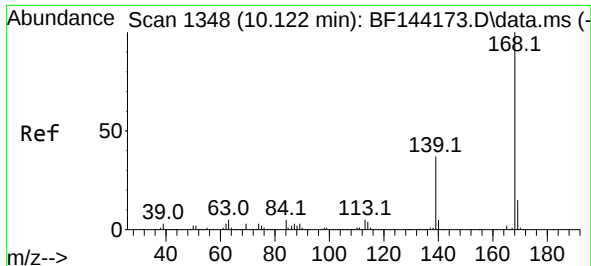
Tgt Ion:138 Resp: 34492
Ion Ratio Lower Upper
138 100
108 9.5 7.5 11.3
92 111.5 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 21.513 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:184 Resp: 16662
Ion Ratio Lower Upper
184 100
63 49.7 44.0 66.0
154 51.1 42.4 63.6

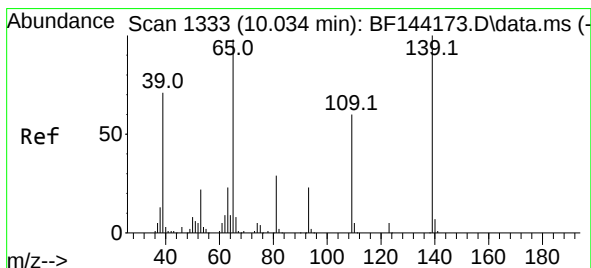
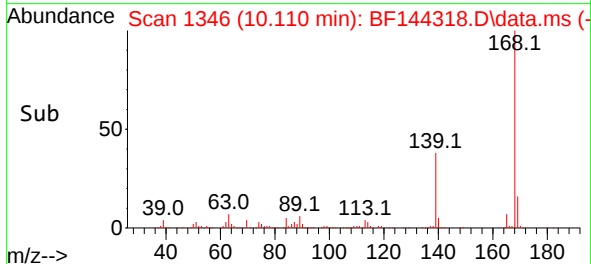
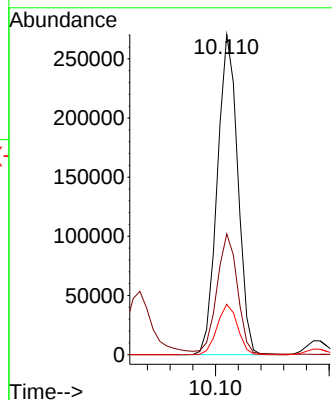
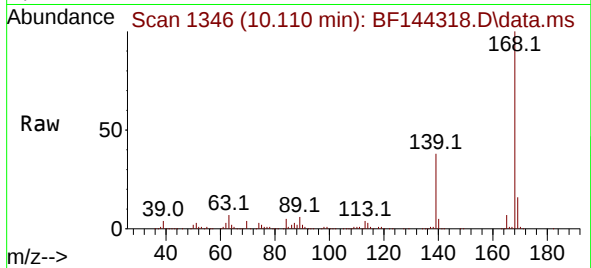




#55
Dibenzenofuran
Concen: 46.559 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

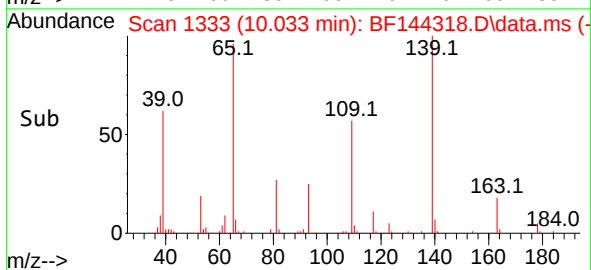
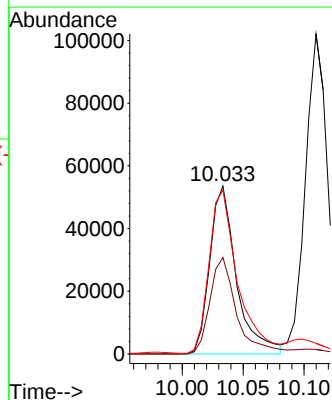
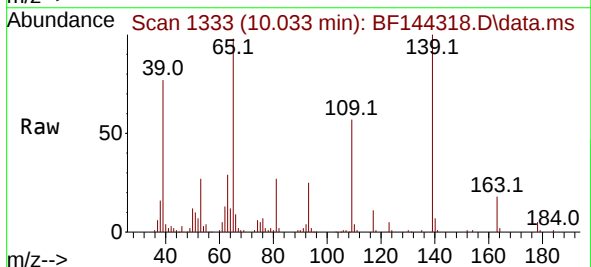
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

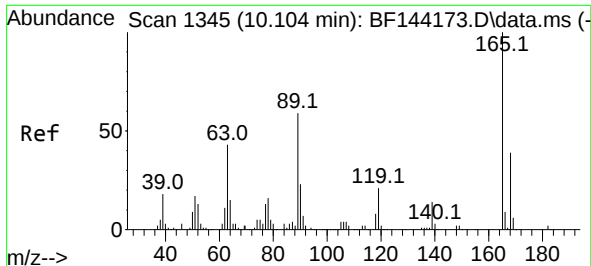
Tgt Ion:168 Resp: 338391
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.2
169 15.8 12.2 18.4



#56
4-Nitrophenol
Concen: 80.429 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:139 Resp: 81573
Ion Ratio Lower Upper
139 100
109 57.4 39.9 79.9
65 97.5 79.5 119.5

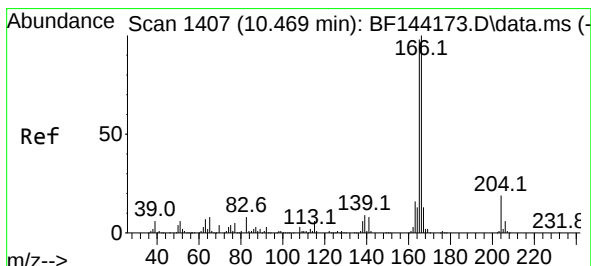
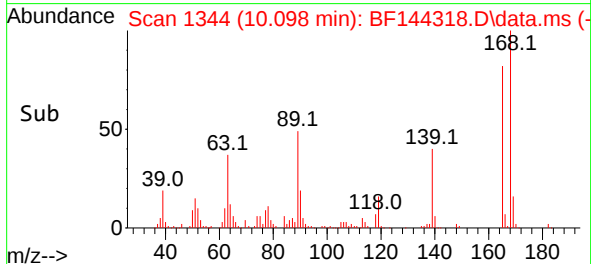
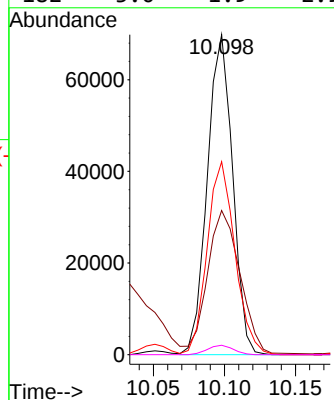
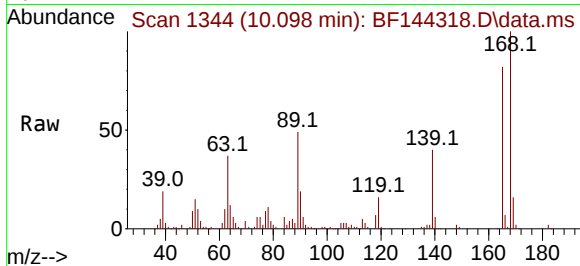




#57
2,4-Dinitrotoluene
Concen: 50.323 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

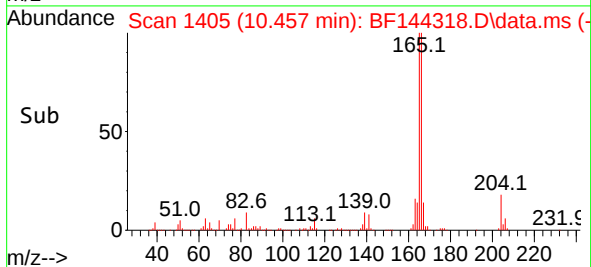
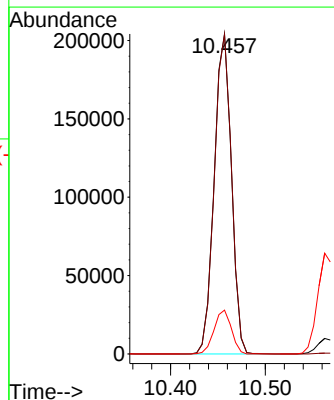
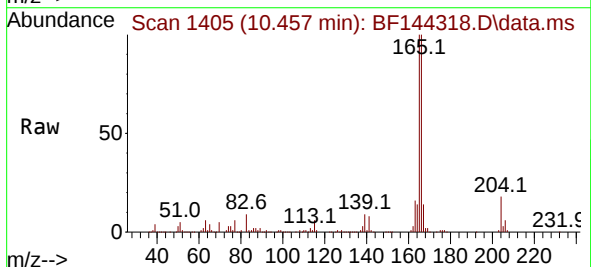
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

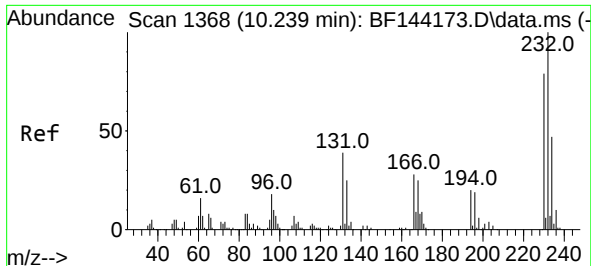
Tgt Ion:165 Resp: 86406
Ion Ratio Lower Upper
165 100
63 45.1 35.5 53.3
89 60.3 47.4 71.2
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 46.501 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:166 Resp: 256962
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 13.7 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.691 ng

RT: 10.233 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

Tgt Ion:232 Resp: 79209

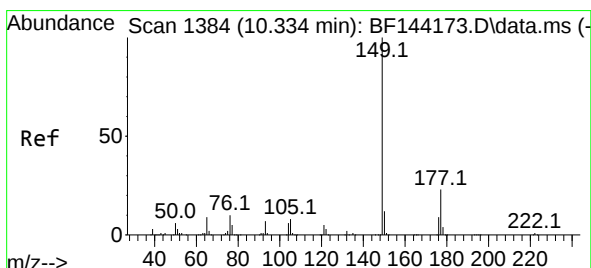
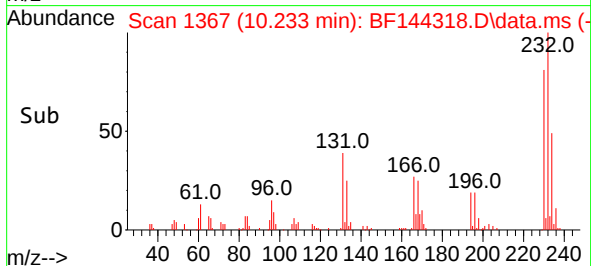
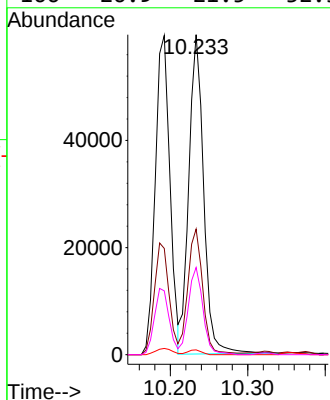
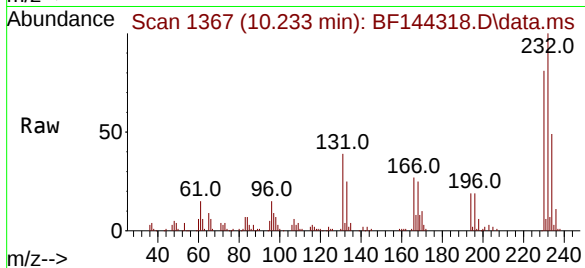
Ion Ratio Lower Upper

232 100

131 38.3 30.3 45.5

130 1.3 1.2 1.8

166 26.9 21.5 32.3



#60

Diethylphthalate

Concen: 51.697 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

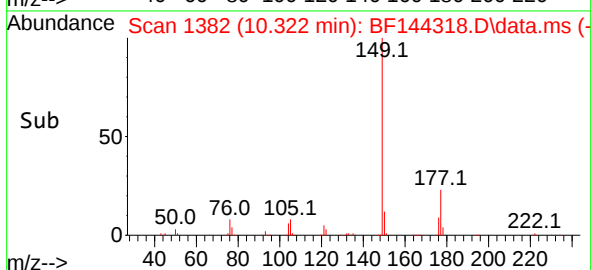
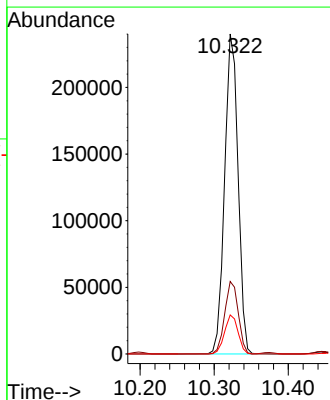
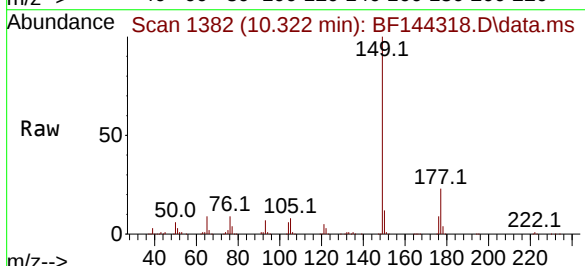
Tgt Ion:149 Resp: 301953

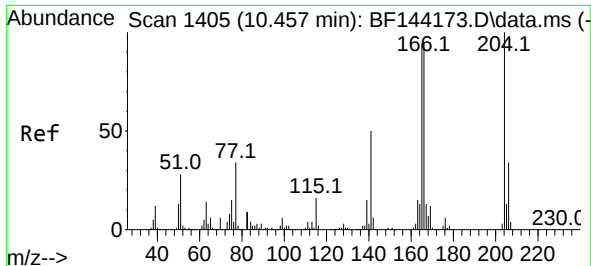
Ion Ratio Lower Upper

149 100

177 22.6 18.3 27.5

150 12.2 9.8 14.6

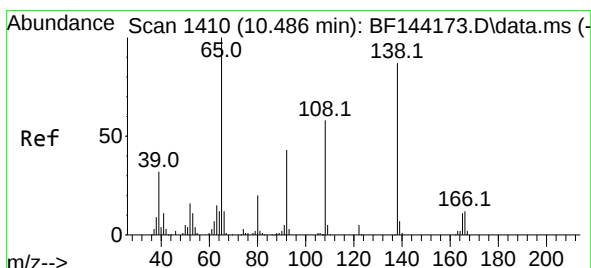
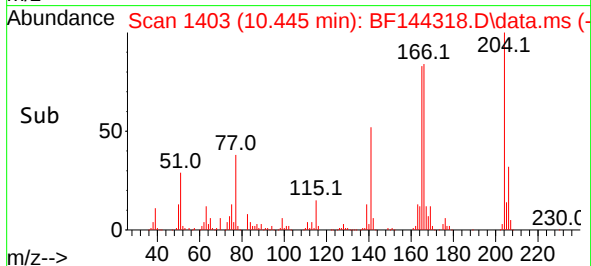
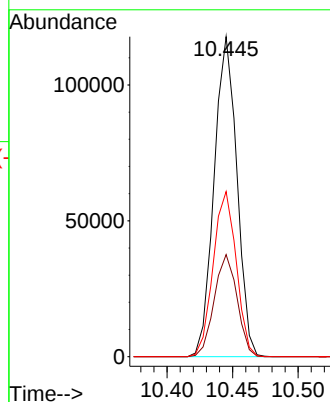
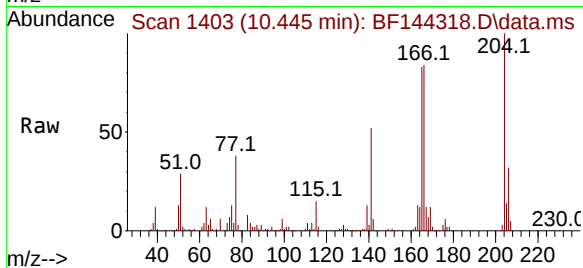




#61
4-Chlorophenyl-phenylether
Concen: 45.109 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

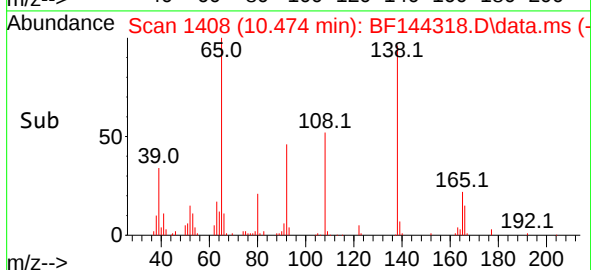
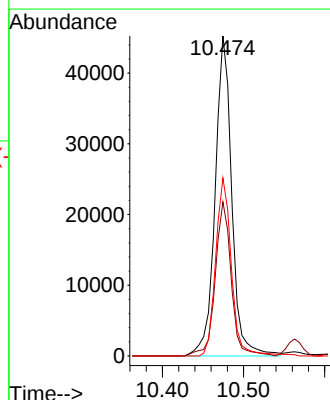
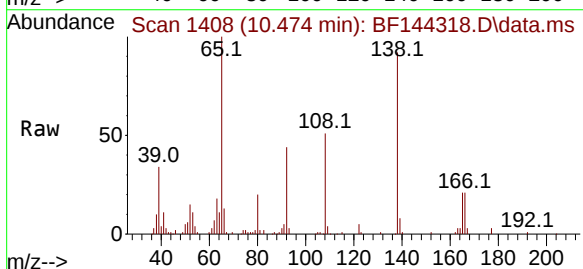
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

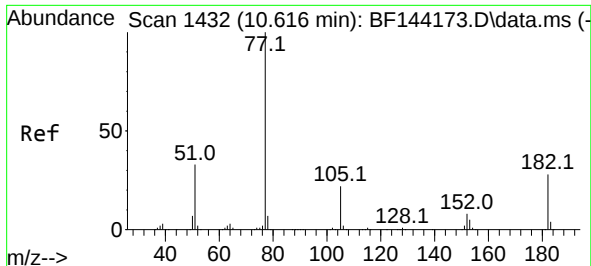
Tgt Ion:204 Resp: 141991
Ion Ratio Lower Upper
204 100
206 31.9 27.4 41.2
141 51.6 40.0 60.0



#62
4-Nitroaniline
Concen: 48.427 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:138 Resp: 64662
Ion Ratio Lower Upper
138 100
92 48.2 29.4 69.4
108 55.6 46.4 86.4

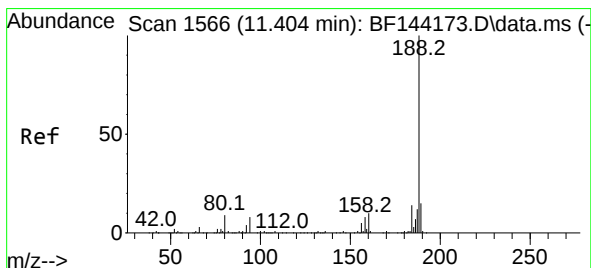
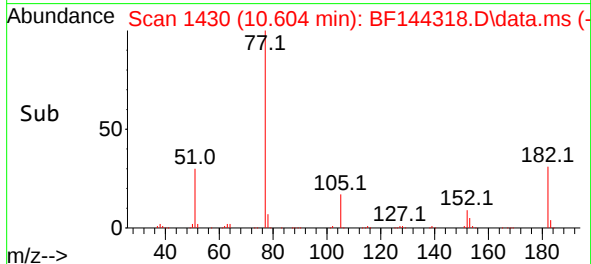
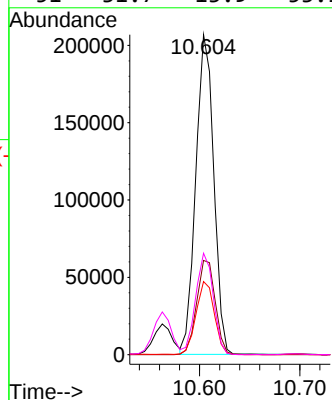
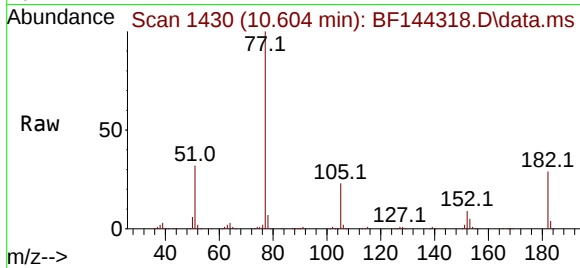




#63
Azobenzene
Concen: 47.379 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

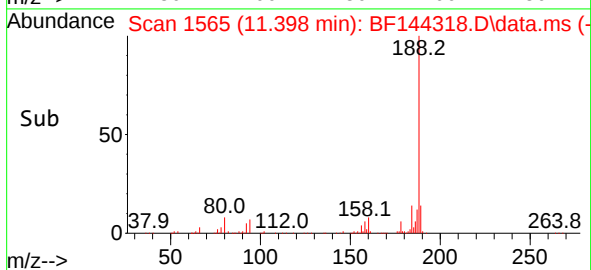
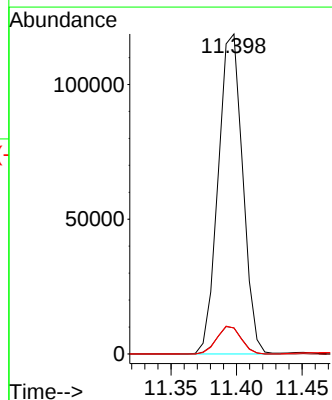
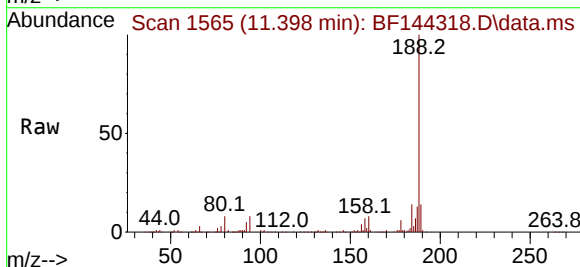
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

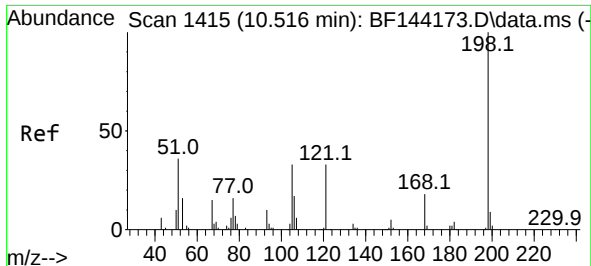
Tgt Ion:	77	Resp:	257546
Ion	Ratio	Lower	Upper
77	100		
182	29.5	8.1	48.1
105	22.9	2.0	42.0
51	31.7	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:	188	Resp:	154233
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.2	9.2
80	8.1	6.9	10.3

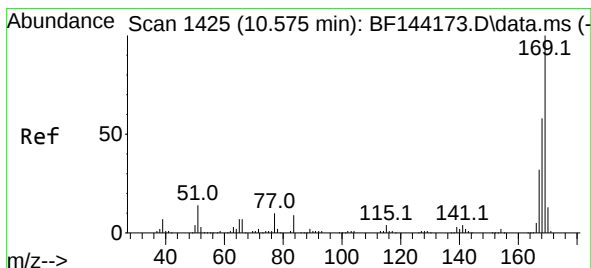
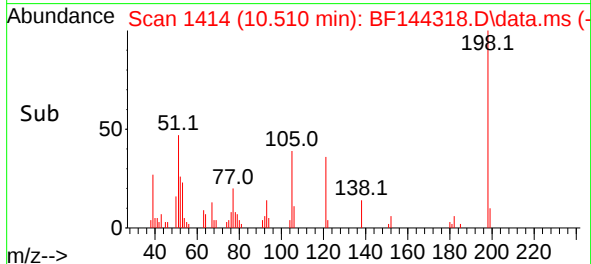
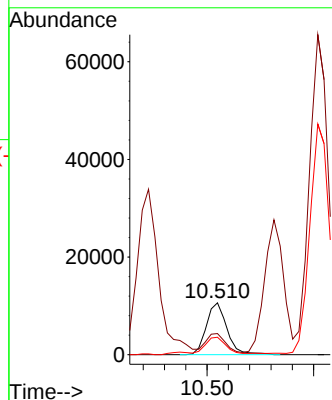
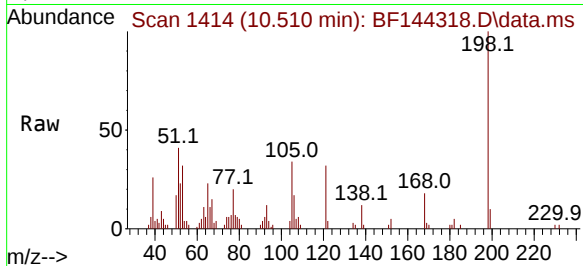




#65
4,6-Dinitro-2-methylphenol
Concen: 13.622 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

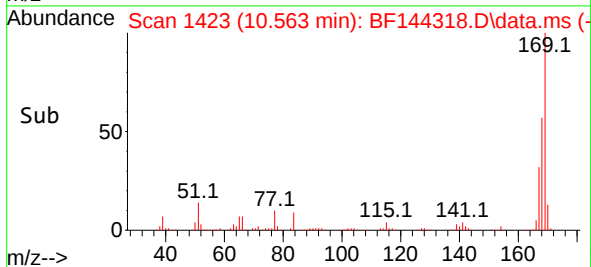
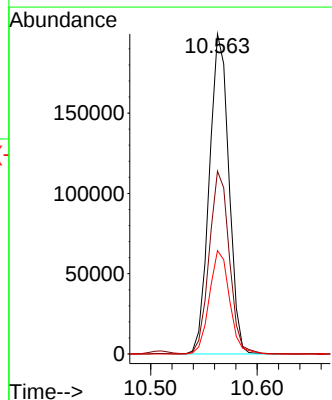
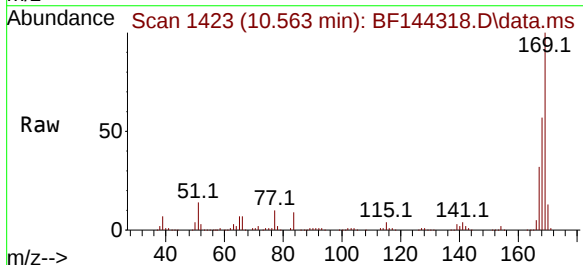
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

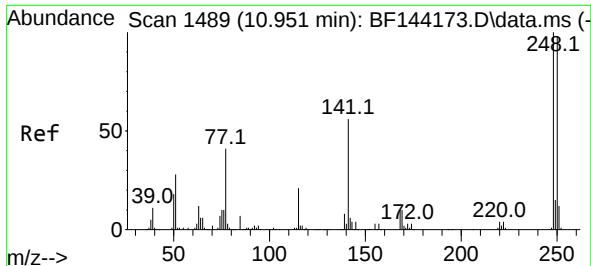
Tgt Ion:198 Resp: 14273
Ion Ratio Lower Upper
198 100
51 40.8 25.6 65.6
105 33.7 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 51.200 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:169 Resp: 253981
Ion Ratio Lower Upper
169 100
168 57.2 46.2 69.2
167 32.3 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 46.320 ng

RT: 10.933 min Scan# 1486

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

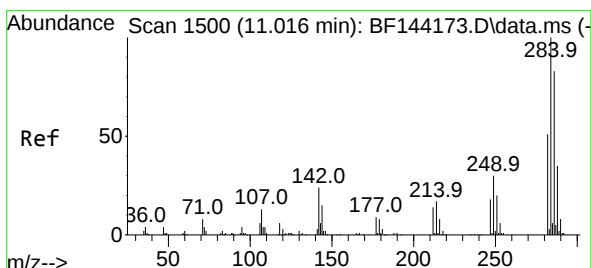
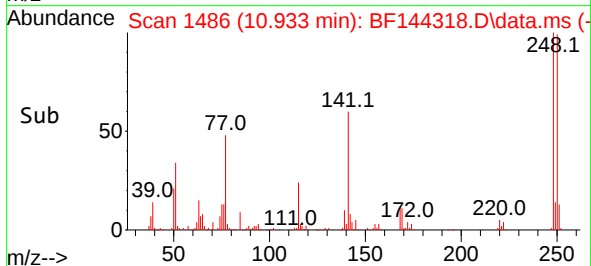
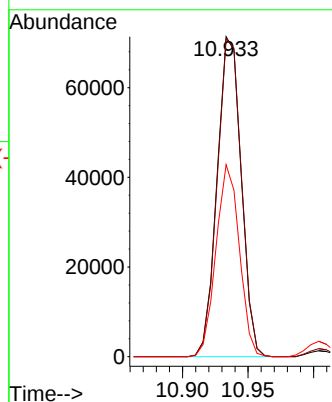
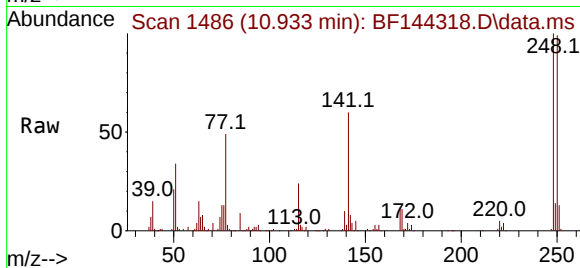
Tgt Ion:248 Resp: 91187

Ion Ratio Lower Upper

248 100

250 99.3 78.4 117.6

141 60.0 45.1 67.7



#68

Hexachlorobenzene

Concen: 46.745 ng

RT: 11.004 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

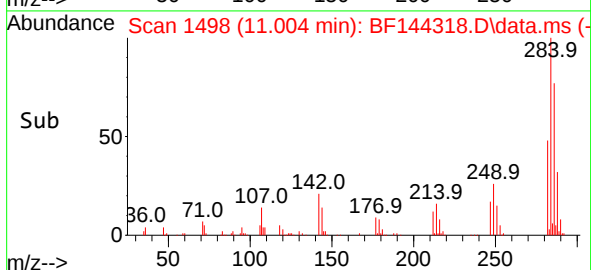
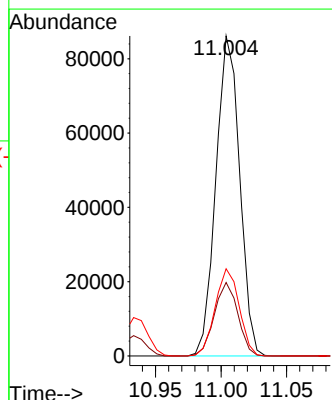
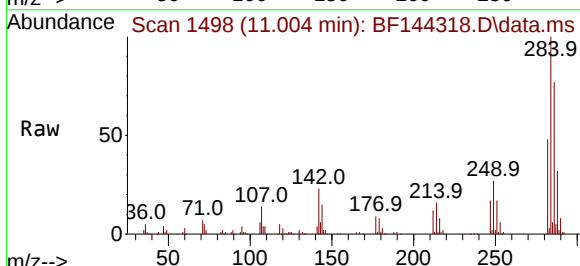
Tgt Ion:284 Resp: 108392

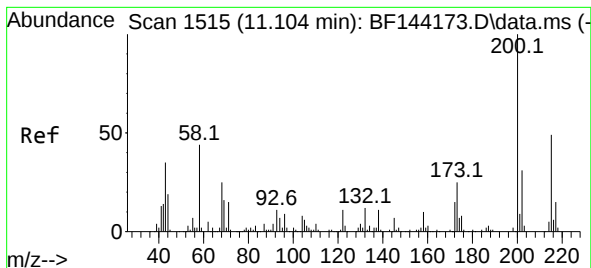
Ion Ratio Lower Upper

284 100

142 22.9 19.2 28.8

249 27.2 23.8 35.8





#69

Atrazine

Concen: 49.791 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

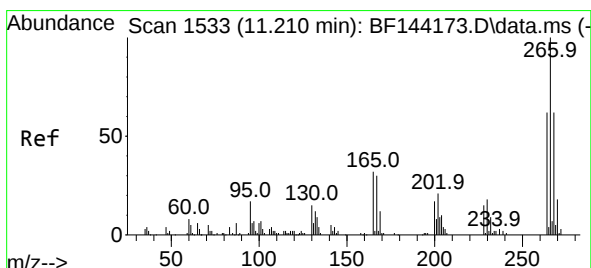
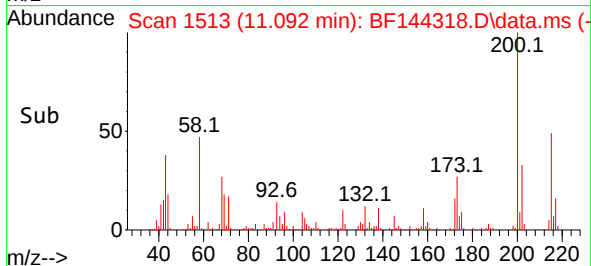
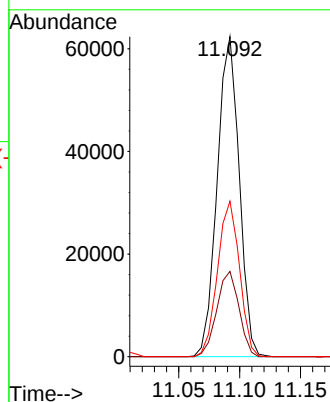
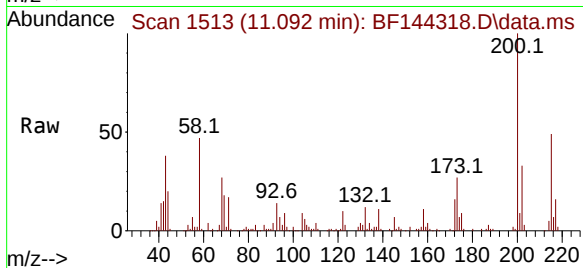
Tgt Ion:200 Resp: 78548

Ion Ratio Lower Upper

200 100

173 26.7 5.0 45.0

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 99.054 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

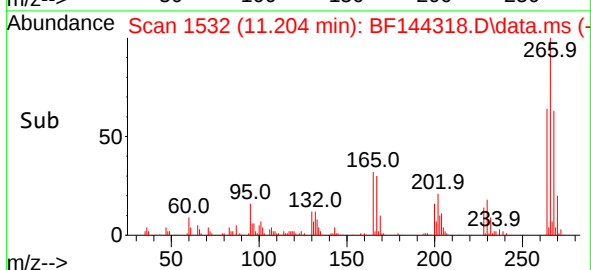
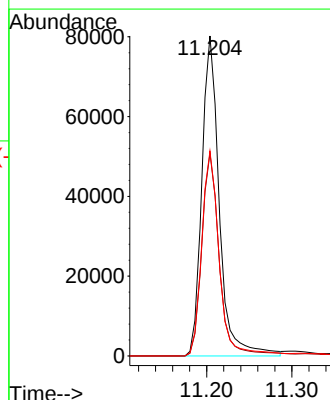
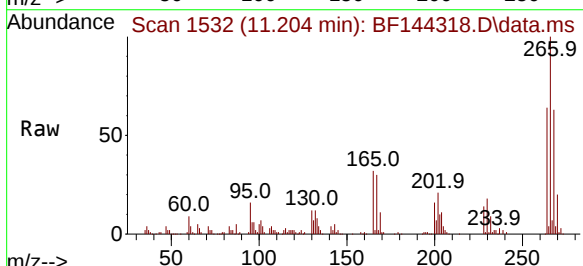
Tgt Ion:266 Resp: 114375

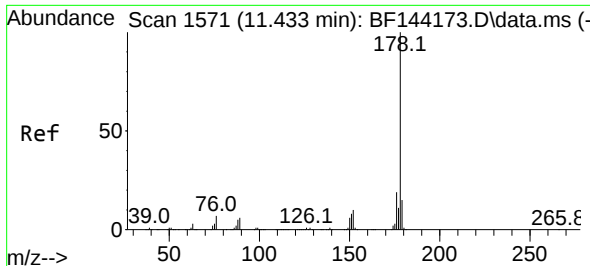
Ion Ratio Lower Upper

266 100

268 63.4 49.5 74.3

264 64.0 49.4 74.2

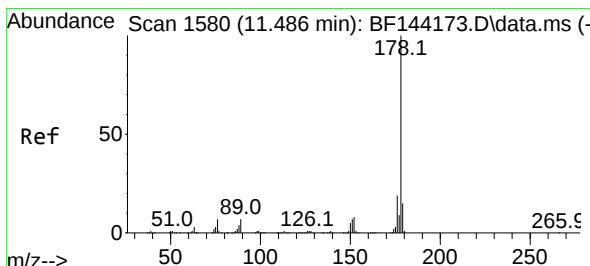
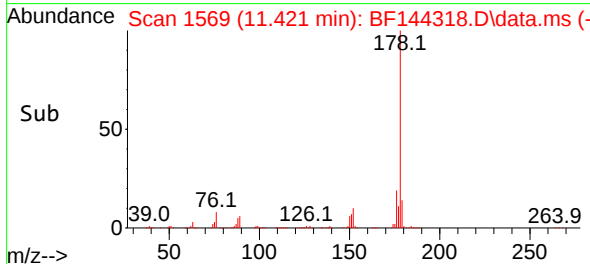
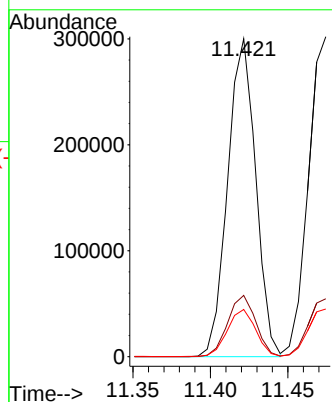
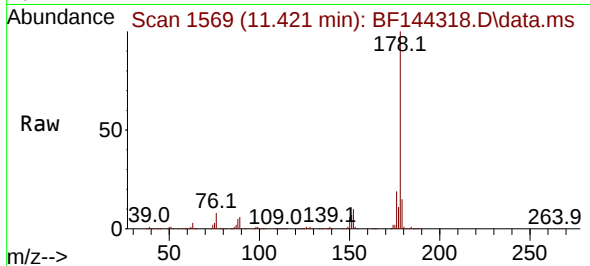




#71
Phenanthrene
Concen: 49.138 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

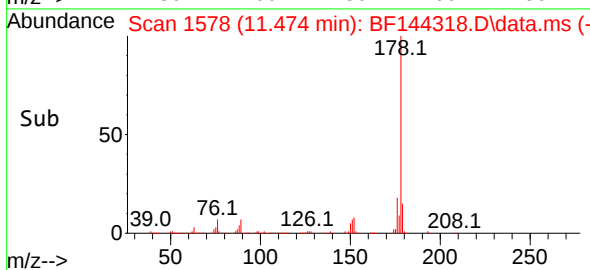
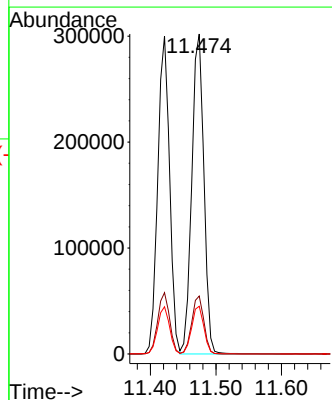
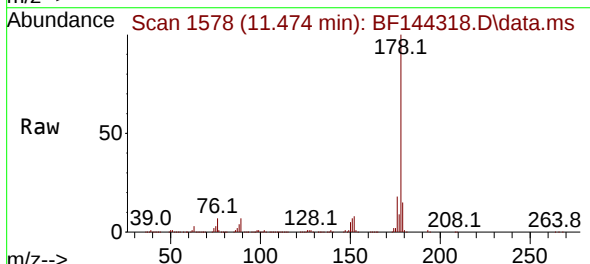
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

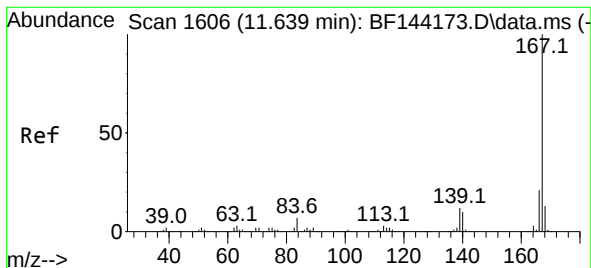
Tgt Ion:178 Resp: 377330
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 49.541 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:178 Resp: 386831
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 14.9 12.0 18.0





#73

Carbazole

Concen: 52.227 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144318.D

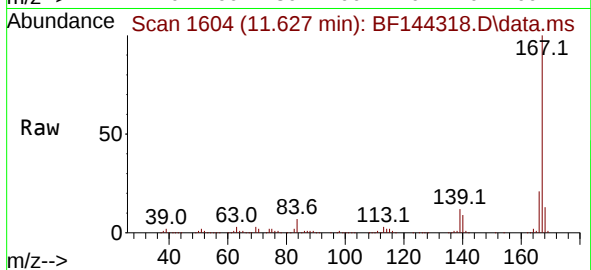
Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS



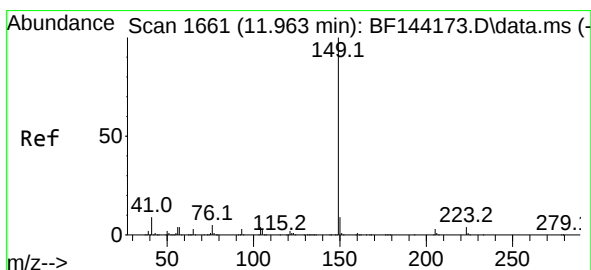
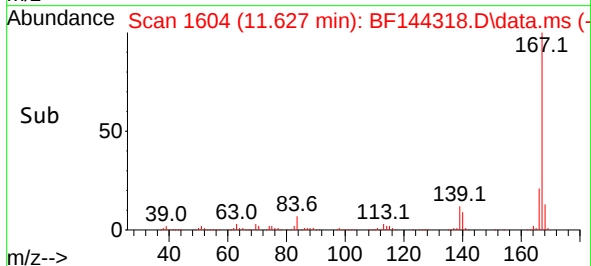
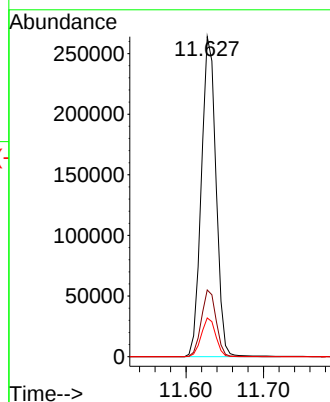
Tgt Ion:167 Resp: 346766

Ion Ratio Lower Upper

167 100

166 20.8 17.2 25.8

139 12.1 9.9 14.9



#74

Di-n-butylphthalate

Concen: 52.477 ng

RT: 11.951 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

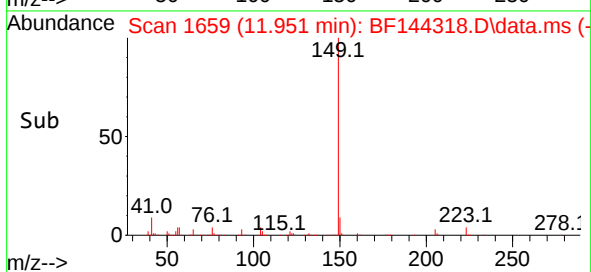
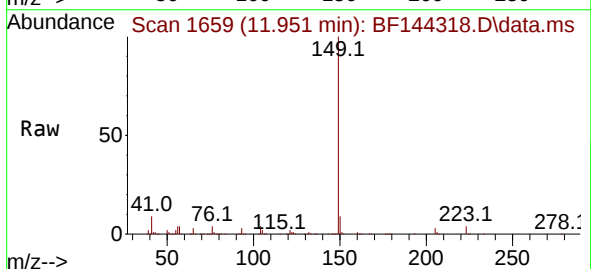
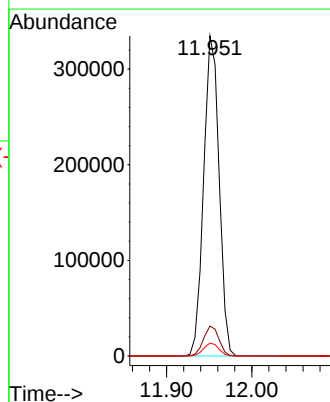
Tgt Ion:149 Resp: 421209

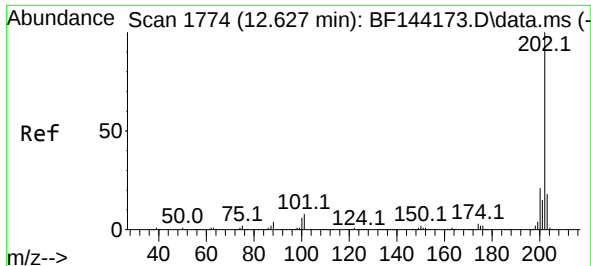
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.1 3.4 5.2

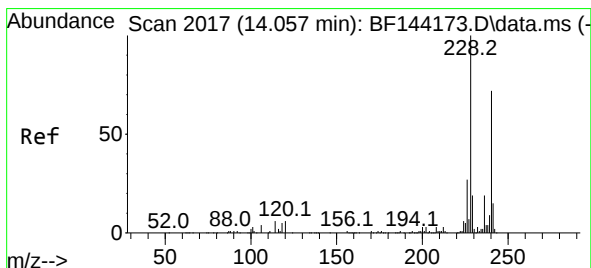
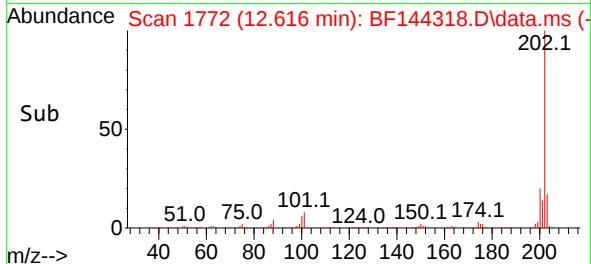
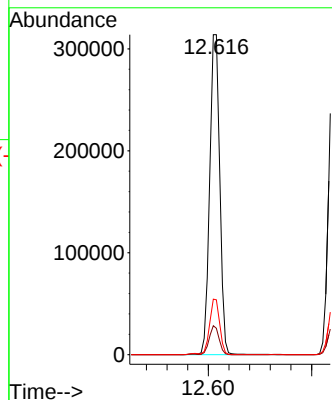
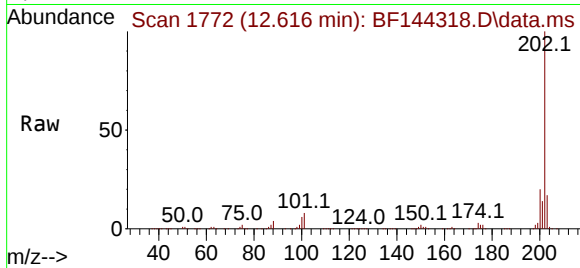




#75
Fluoranthene
Concen: 53.484 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

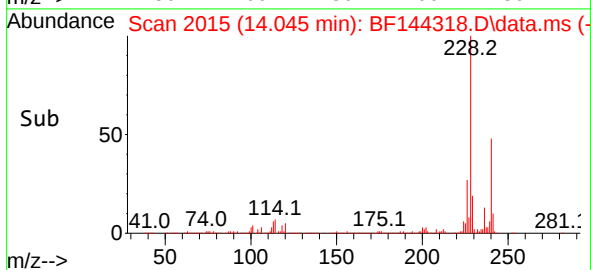
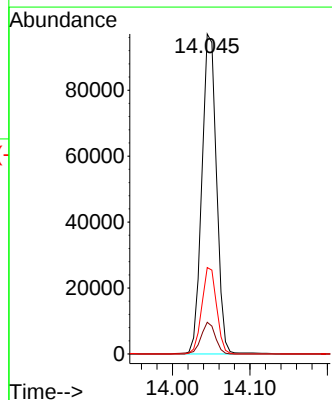
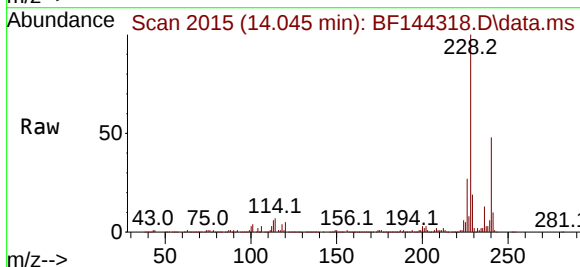
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

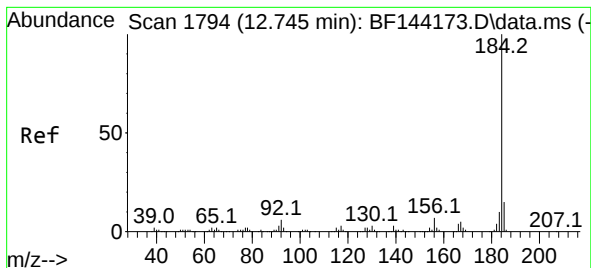
Tgt Ion:202 Resp: 424258
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:240 Resp: 127547
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 27.0 21.4 32.2





#77

Benzidine

Concen: 19.576 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

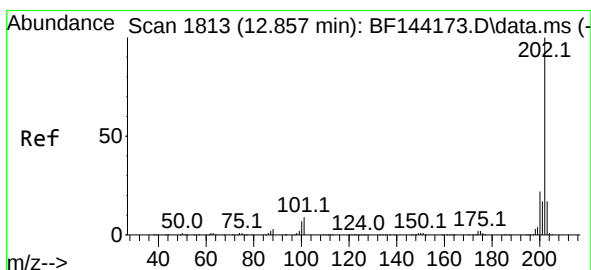
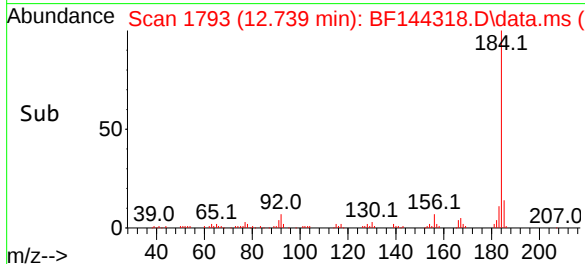
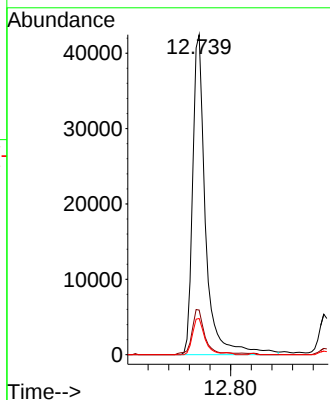
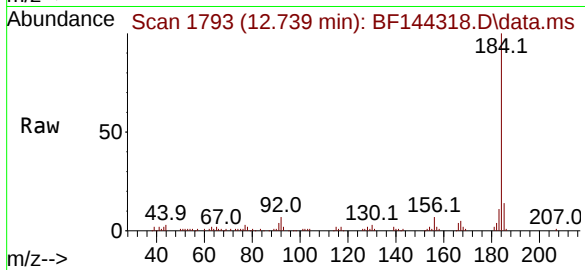
Tgt Ion:184 Resp: 73857

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

183 11.3 8.3 12.5



#78

Pyrene

Concen: 42.318 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

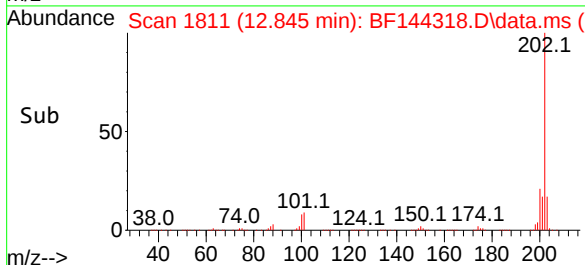
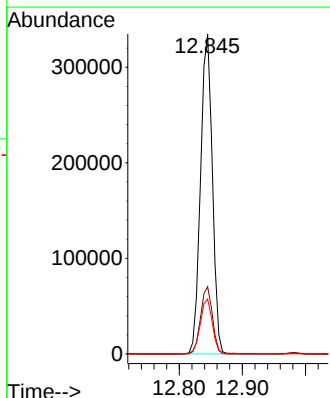
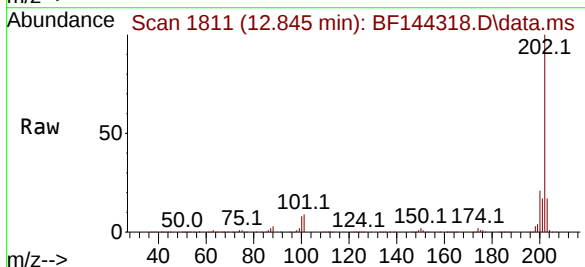
Tgt Ion:202 Resp: 435198

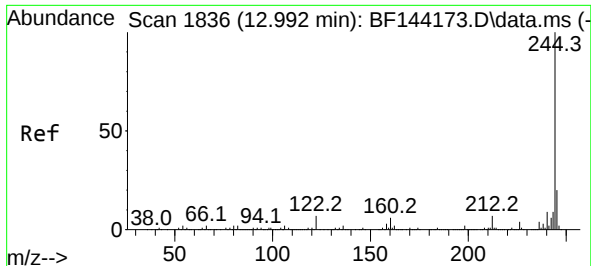
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.2 13.7 20.5

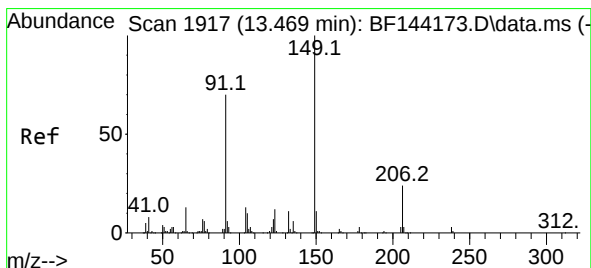
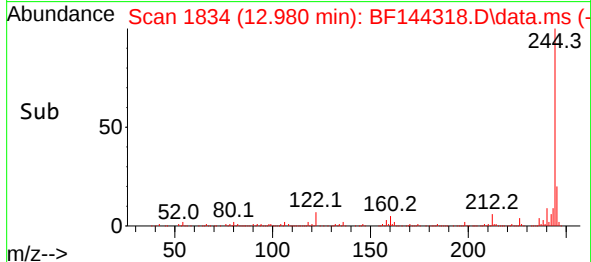
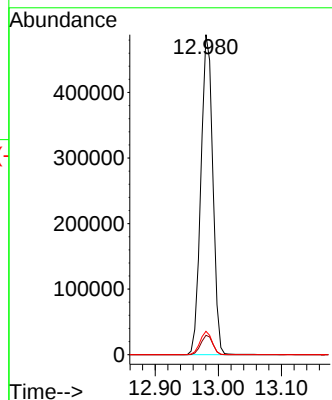
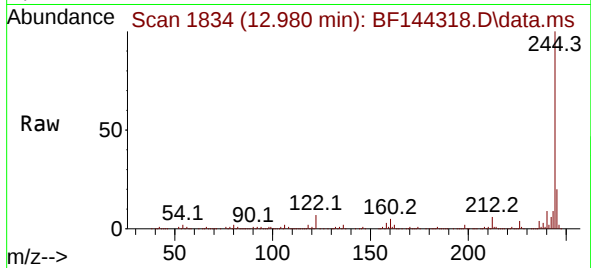




#79
 Terphenyl-d14
 Concen: 79.472 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144318.D
 Acq: 21 Nov 2025 20:19

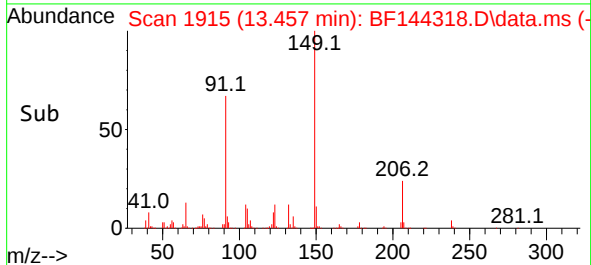
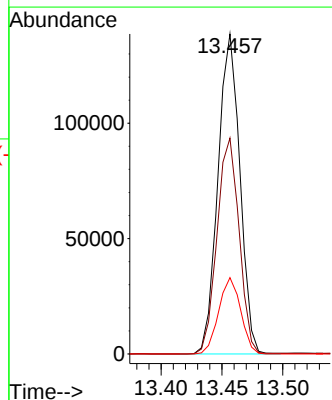
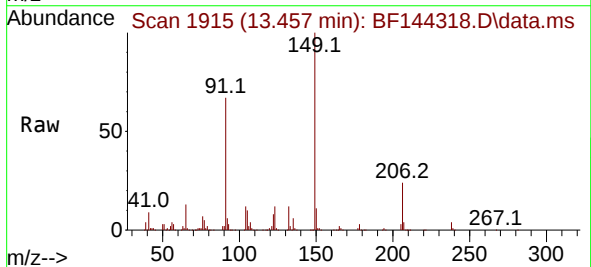
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMS

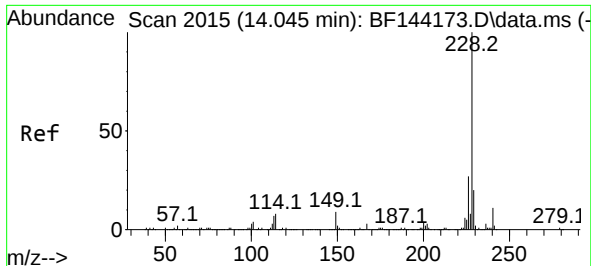
Tgt Ion:244 Resp: 638150
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.3 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 48.837 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144318.D
 Acq: 21 Nov 2025 20:19

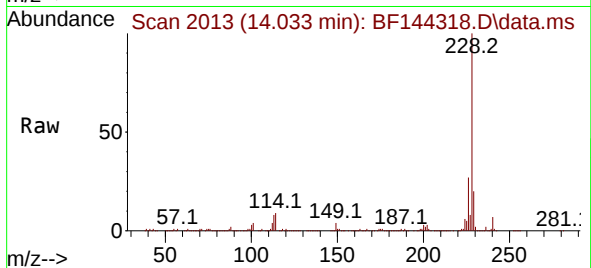
Tgt Ion:149 Resp: 174069
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.1 84.1
 206 23.9 18.8 28.2



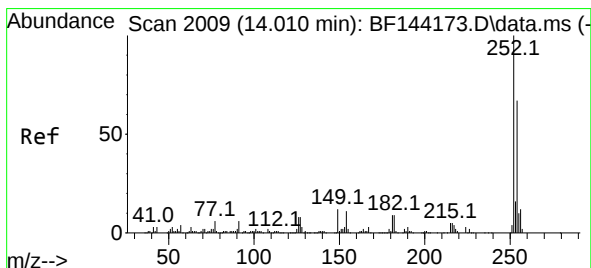
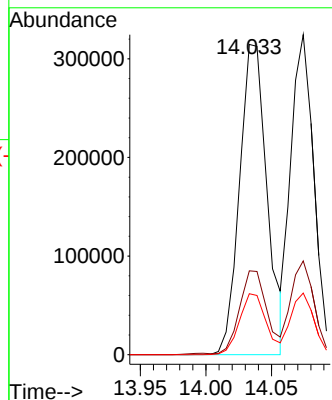
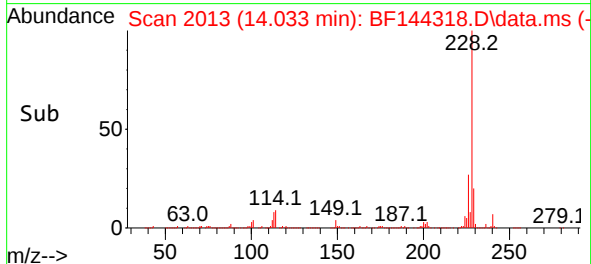


#81
Benzo(a)anthracene
Concen: 52.033 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

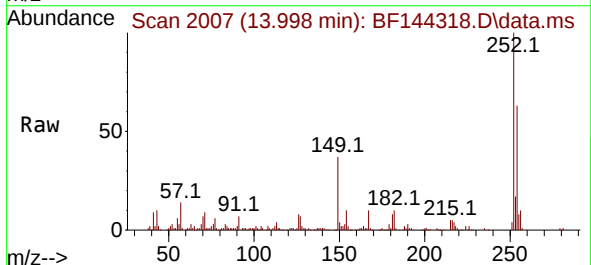
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS



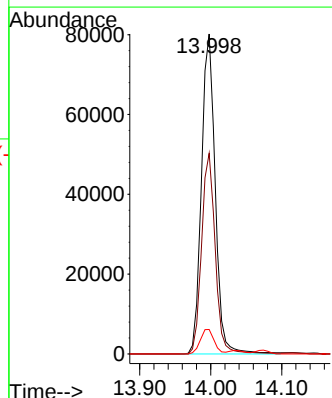
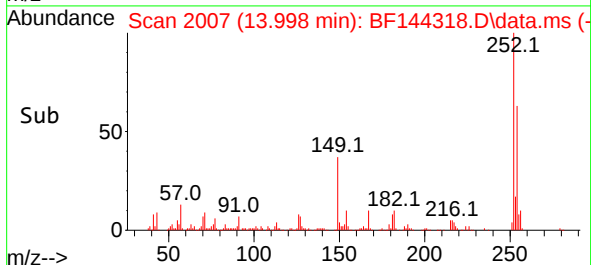
Tgt Ion:228 Resp: 459966
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 15.8 23.6

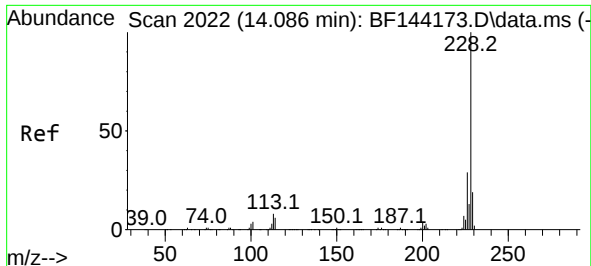


#82
3,3'-Dichlorobenzidine
Concen: 35.837 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19



Tgt Ion:252 Resp: 108589
Ion Ratio Lower Upper
252 100
254 62.7 53.5 80.3
126 7.6 6.4 9.6

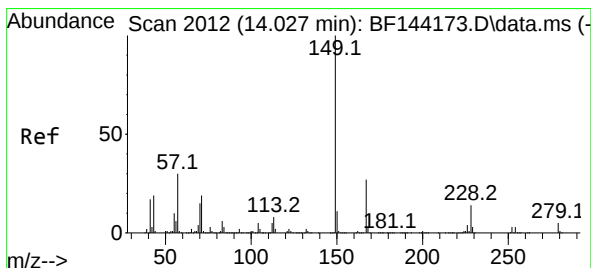
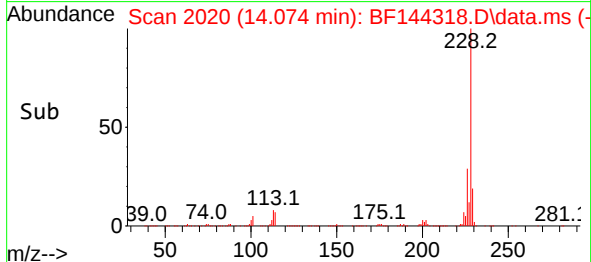
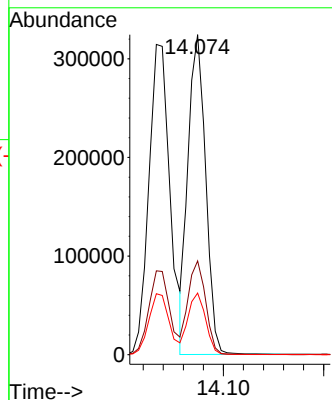
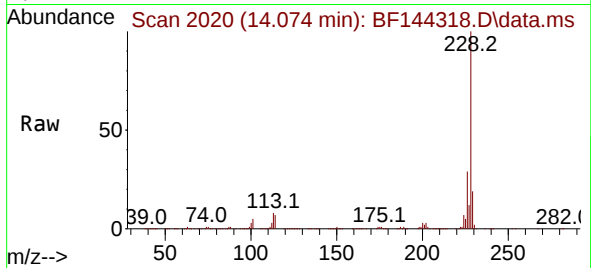




#83
Chrysene
Concen: 48.382 ng
RT: 14.074 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

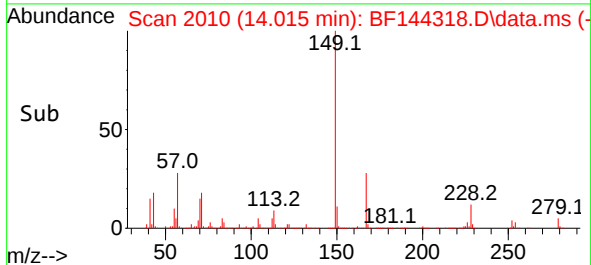
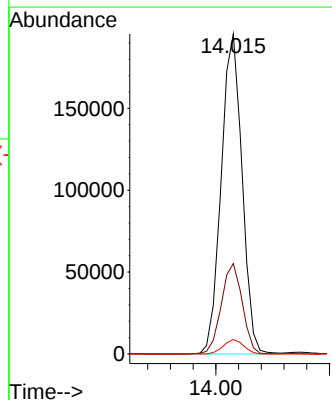
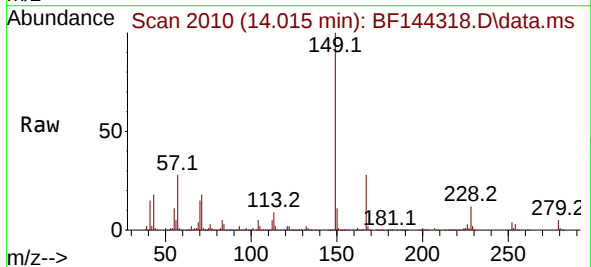
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

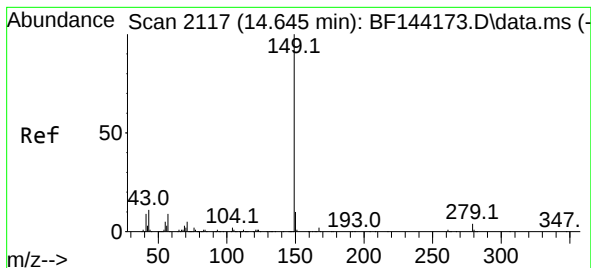
Tgt Ion:228 Resp: 394822
Ion Ratio Lower Upper
228 100
226 29.3 22.9 34.3
229 19.3 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.104 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:149 Resp: 249351
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.8
279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 52.680 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

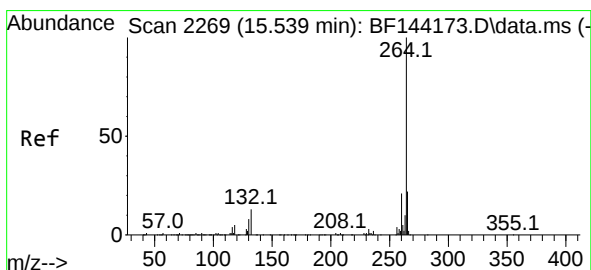
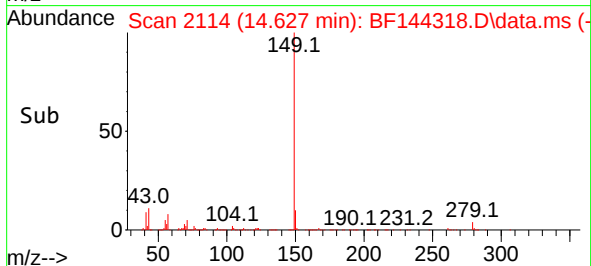
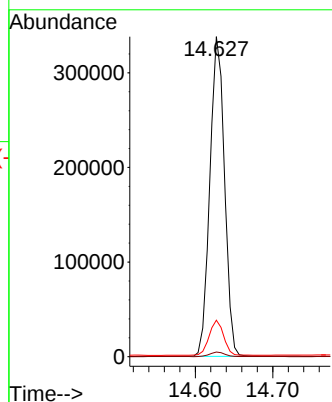
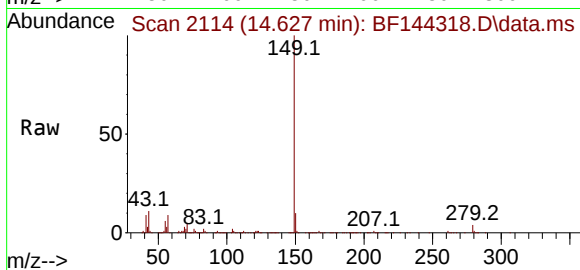
Tgt Ion:149 Resp: 443487

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

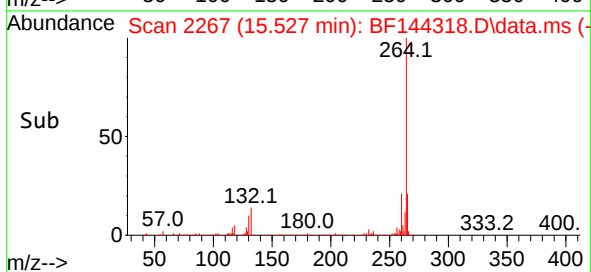
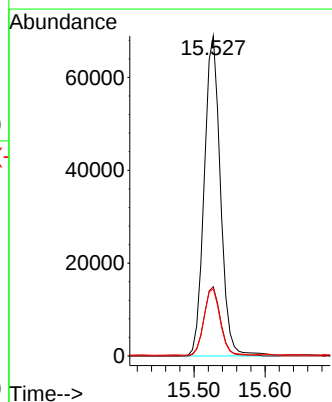
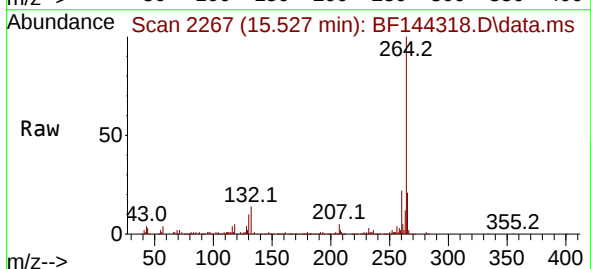
Tgt Ion:264 Resp: 109907

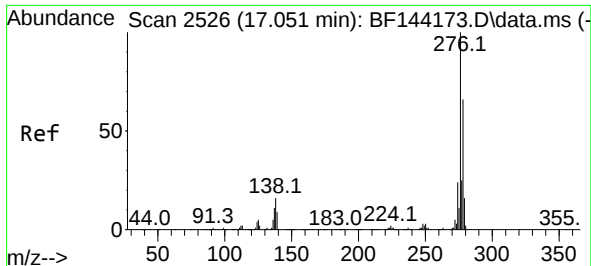
Ion Ratio Lower Upper

264 100

260 21.6 17.1 25.7

265 21.0 17.4 26.0

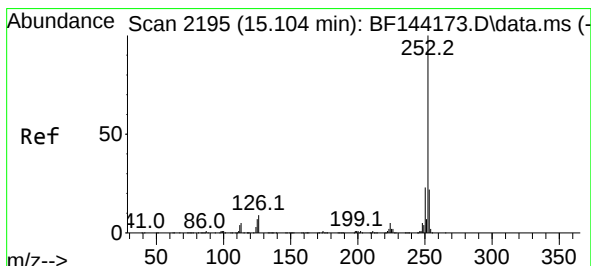
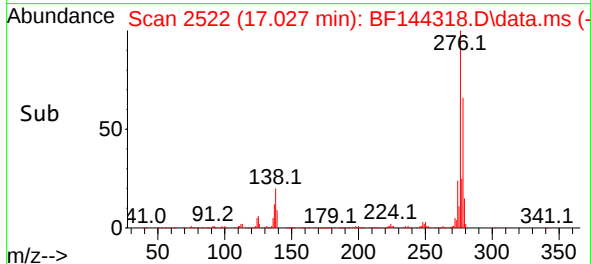
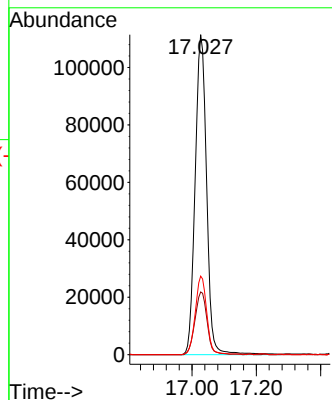
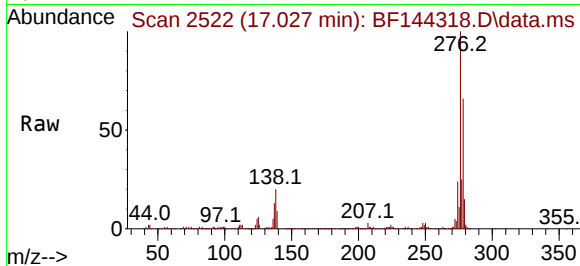




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.914 ng
 RT: 17.027 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF144318.D
 Acq: 21 Nov 2025 20:19

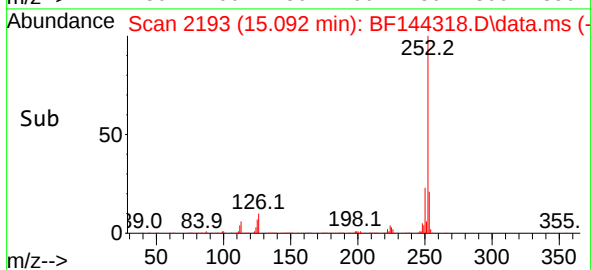
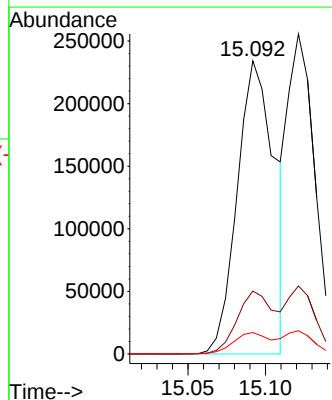
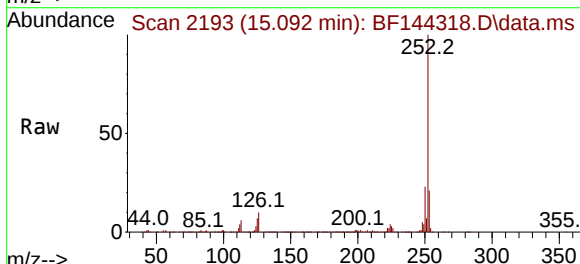
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMS

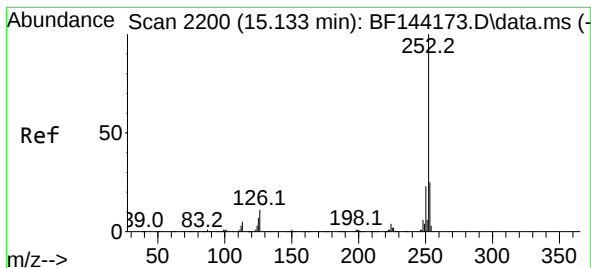
Tgt Ion:276 Resp: 275457
 Ion Ratio Lower Upper
 276 100
 138 20.7 13.9 20.9
 277 24.8 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 62.851 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF144318.D
 Acq: 21 Nov 2025 20:19

Tgt Ion:252 Resp: 392718
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.2
 125 7.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 53.408 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMS

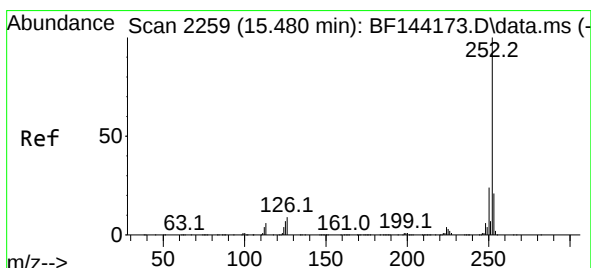
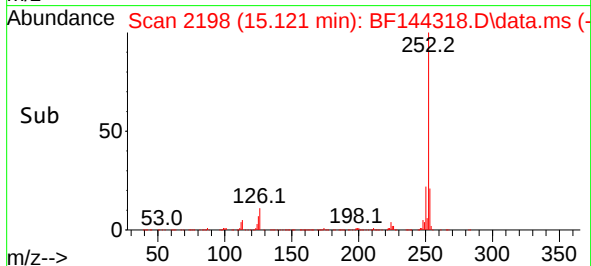
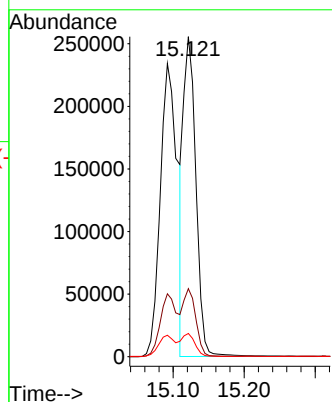
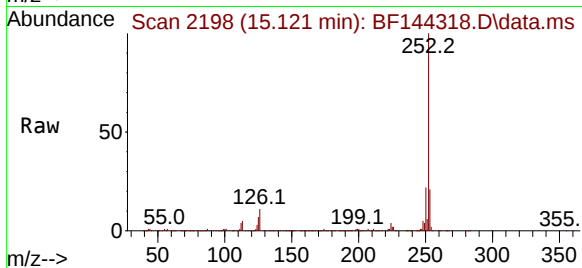
Tgt Ion:252 Resp: 312357

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

125 7.3 5.4 8.2



#90

Benzo(a)pyrene

Concen: 51.337 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144318.D

Acq: 21 Nov 2025 20:19

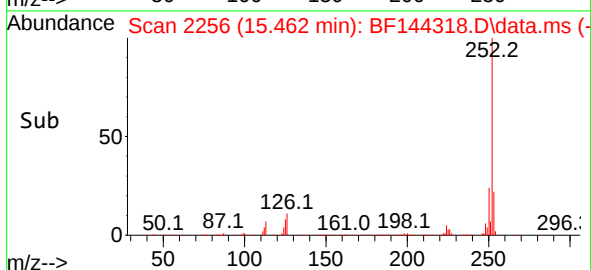
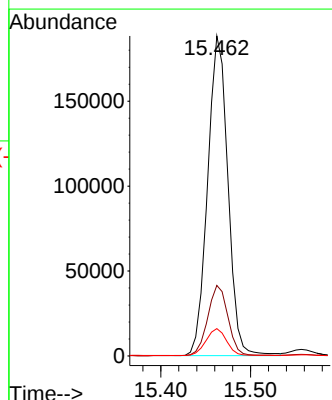
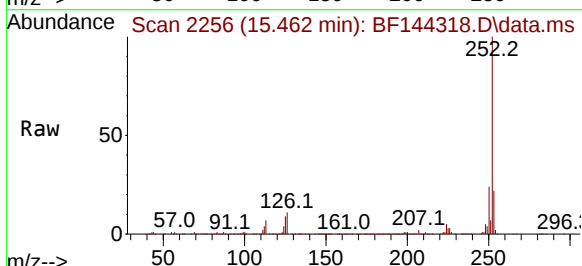
Tgt Ion:252 Resp: 295928

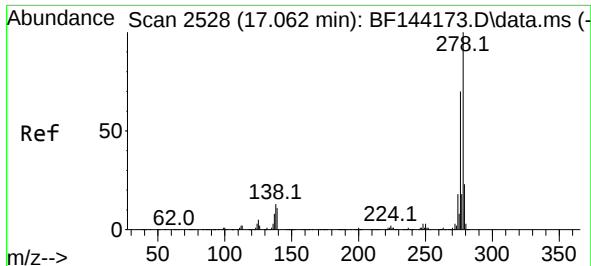
Ion Ratio Lower Upper

252 100

253 22.1 16.7 25.1

125 8.5 5.7 8.5#

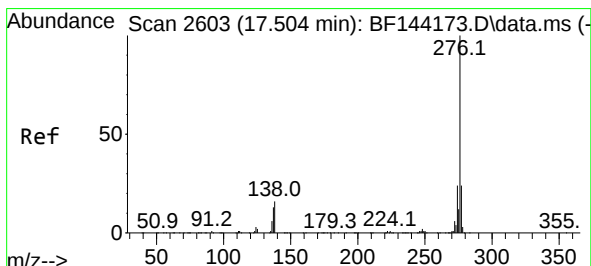
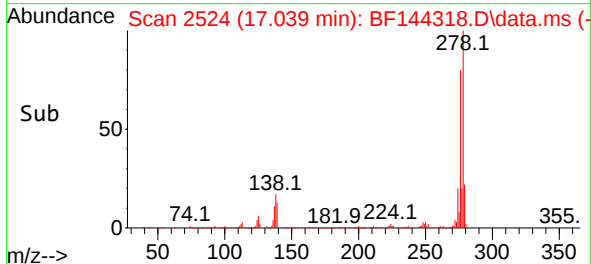
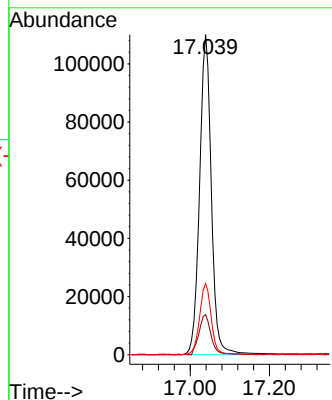
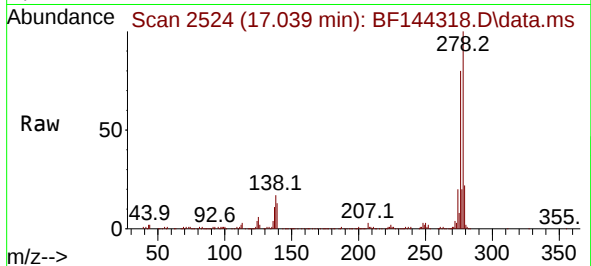




#91
Dibenzo(a,h)anthracene
Concen: 35.770 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMS

Tgt Ion:278 Resp: 226644
Ion Ratio Lower Upper
278 100
139 12.5 9.1 13.7
279 22.2 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 34.865 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144318.D
Acq: 21 Nov 2025 20:19

Tgt Ion:276 Resp: 218154
Ion Ratio Lower Upper
276 100
277 22.7 19.0 28.4
138 18.3 12.9 19.3

