

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144319.D
 Acq On : 21 Nov 2025 20:49
 Operator : RC/JU
 Sample : Q3678-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMSD

Quant Time: Nov 21 22:06:49 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	51626	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	187793	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	93758	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	158644	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	136882	20.000	ng	0.00
86) Perylene-d12	15.527	264	106667	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	389929	118.194	ng	0.01
7) Phenol-d6	6.504	99	410109	109.711	ng	0.00
23) Nitrobenzene-d5	7.428	82	287626	88.458	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	146060	124.142	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	540991	85.220	ng	0.00
79) Terphenyl-d14	12.980	244	664480	77.108	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.787	88	59903	43.920	ng	Qvalue
3) Pyridine	3.516	79	135381	35.578	ng	# 78
4) n-Nitrosodimethylamine	3.446	42	88077	44.313	ng	99
6) Aniline	6.534	93	40825	7.665	ng	92
8) 2-Chlorophenol	6.657	128	141715	43.802	ng	# 49
9) Benzaldehyde	6.422	77	47827	22.658	ng	98
10) Phenol	6.516	94	169322	37.074	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	149754	44.999	ng	99
12) 1,3-Dichlorobenzene	6.810	146	167865	42.047	ng	99
13) 1,4-Dichlorobenzene	6.886	146	167449	41.866	ng	98
14) 1,2-Dichlorobenzene	7.034	146	158791	41.421	ng	99
15) Benzyl Alcohol	7.010	79	133174	44.992	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	271773	44.346	ng	98
17) 2-Methylphenol	7.122	107	110646	42.989	ng	94
18) Hexachloroethane	7.375	117	50545	38.038	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	108434	44.064	ng	99
20) 3+4-Methylphenols	7.275	107	131695	43.405	ng	98
22) Acetophenone	7.275	105	185745	46.107	ng	# 83
24) Nitrobenzene	7.451	77	154361	43.723	ng	99
25) Isophorone	7.686	82	281859	45.828	ng	95
26) 2-Nitrophenol	7.763	139	80403	46.007	ng	97
27) 2,4-Dimethylphenol	7.798	122	135106	51.579	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	183520	47.783	ng	99
29) 2,4-Dichlorophenol	8.010	162	135838	44.994	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	134958	43.533	ng	99
31) Naphthalene	8.169	128	385405	43.143	ng	99
32) Benzoic acid	7.922	122	72243	37.626	ng	100
33) 4-Chloroaniline	8.222	127	26611	8.168	ng	92
34) Hexachlorobutadiene	8.280	225	94683	40.526	ng	97
35) Caprolactam	8.586	113	35358	42.748	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	119313	44.097	ng	99
37) 2-Methylnaphthalene	8.863	142	234128	39.200	ng	97
38) 1-Methylnaphthalene	8.963	142	239683	41.590	ng	98
40) 1,2,4,5-Tetrachloroben...	9.027	216	143829	46.808	ng	99
41) Hexachlorocyclopentadiene	9.010	237	25466	29.870	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	96612	46.196	ng	95

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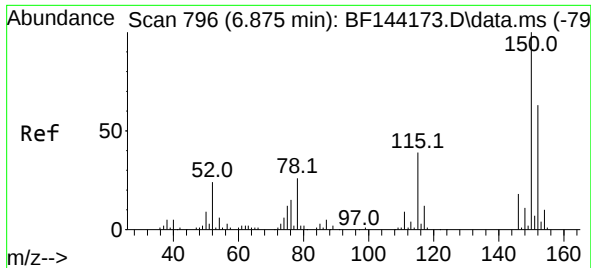
Quant Time: Nov 21 22:06:49 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	103958	46.121	ng	98
46) 1,1'-Biphenyl	9.322	154	321944	49.192	ng	99
47) 2-Chloronaphthalene	9.351	162	261858	46.906	ng	98
48) 2-Nitroaniline	9.451	65	80590	50.032	ng	91
49) Acenaphthylene	9.769	152	399882	52.564	ng	99
50) Dimethylphthalate	9.622	163	320820	51.651	ng	100
51) 2,6-Dinitrotoluene	9.692	165	64953	51.658	ng	91
52) Acenaphthene	9.939	154	216946	42.645	ng	97
53) 3-Nitroaniline	9.863	138	32718	23.804	ng	98
54) 2,4-Dinitrophenol	9.974	184	15076	19.856	ng	98
55) Dibenzofuran	10.110	168	329754	46.281	ng	99
56) 4-Nitrophenol	10.033	139	86334	86.833	ng	95
57) 2,4-Dinitrotoluene	10.098	165	81388	48.352	ng	97
58) Fluorene	10.457	166	259125	47.834	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	77362	48.511	ng	99
60) Diethylphthalate	10.322	149	284215	49.637	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	139277	45.135	ng	98
62) 4-Nitroaniline	10.474	138	62800	47.977	ng	94
63) Azobenzene	10.604	77	255243	47.898	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	14272	13.243	ng	97
66) n-Nitrosodiphenylamine	10.563	169	249870	48.971	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	91698	45.284	ng	98
68) Hexachlorobenzene	11.004	284	106577	44.684	ng	99
69) Atrazine	11.092	200	77054	47.486	ng	99
70) Pentachlorophenol	11.204	266	118511	99.782	ng	97
71) Phenanthrene	11.421	178	380800	48.211	ng	99
72) Anthracene	11.474	178	389047	48.440	ng	100
73) Carbazole	11.627	167	351075	51.405	ng	98
74) Di-n-butylphthalate	11.951	149	431935	52.317	ng	99
75) Fluoranthene	12.615	202	443713	54.381	ng	98
77) Benzidine	12.739	184	77197	19.066	ng	100
78) Pyrene	12.845	202	456372	41.351	ng	99
80) Butylbenzylphthalate	13.457	149	187701	49.070	ng	97
81) Benzo(a)anthracene	14.033	228	464119	48.922	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	109809	33.768	ng	98
83) Chrysene	14.074	228	404122	46.145	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	261813	49.998	ng	98
85) Di-n-octyl phthalate	14.627	149	457677	50.658	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	266878	34.854	ng	# 96
88) Benzo(b)fluoranthene	15.092	252	394937	65.126	ng	99
89) Benzo(k)fluoranthene	15.121	252	304111	53.577	ng	98
90) Benzo(a)pyrene	15.462	252	295490	52.818	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	223130	36.285	ng	98
92) Benzo(g,h,i)perylene	17.480	276	211193	34.778	ng	96

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

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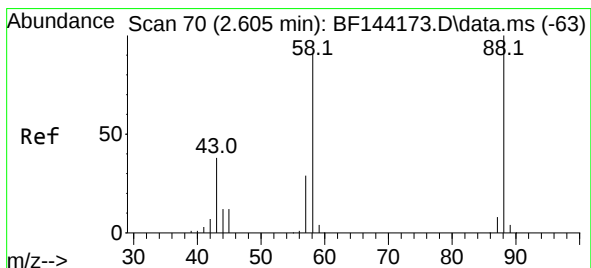
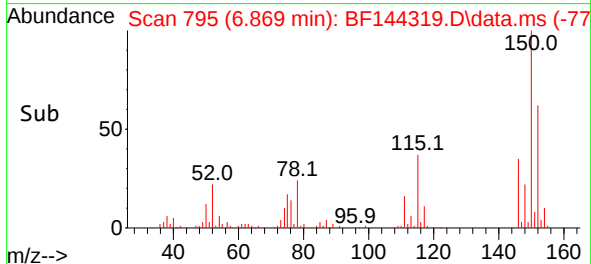
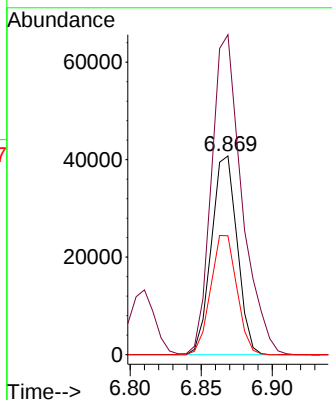
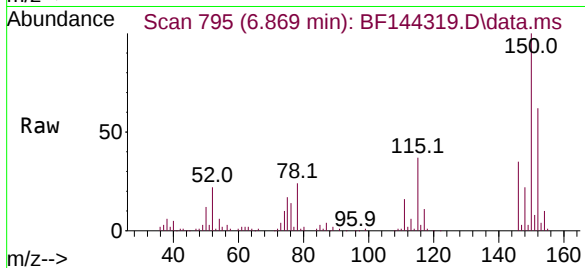




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144319.D
 Acq: 21 Nov 2025 20:49

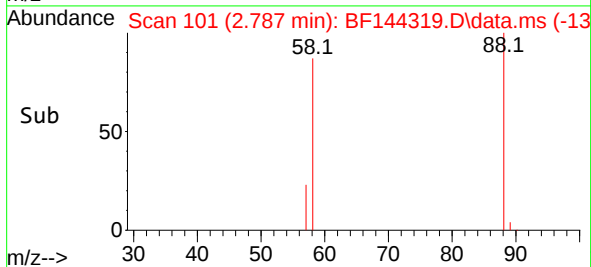
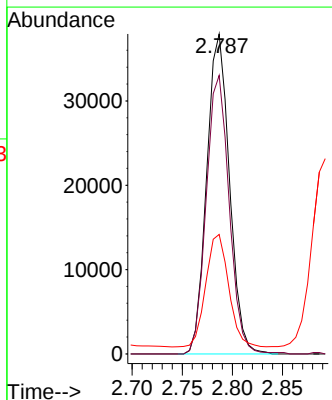
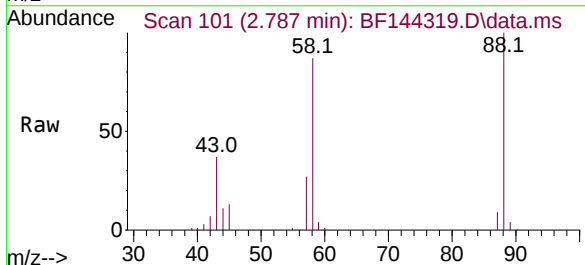
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMSD

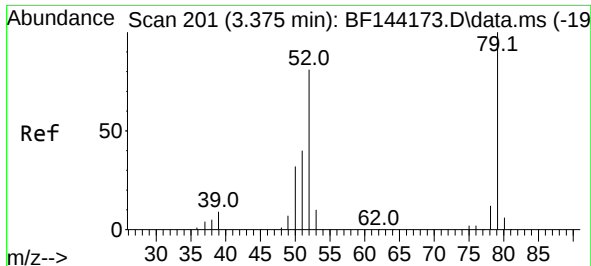
Tgt Ion:152 Resp: 51626
 Ion Ratio Lower Upper
 152 100
 150 161.1 127.4 191.0
 115 59.8 49.5 74.3



#2
 1,4-Dioxane
 Concen: 43.920 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.170 min
 Lab File: BF144319.D
 Acq: 21 Nov 2025 20:49

Tgt Ion: 88 Resp: 59903
 Ion Ratio Lower Upper
 88 100
 58 87.7 73.1 109.7
 43 0.0 31.0 46.6#





#3

Pyridine

Concen: 35.578 ng

RT: 3.516 min Scan# 211

Delta R.T. 0.106 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

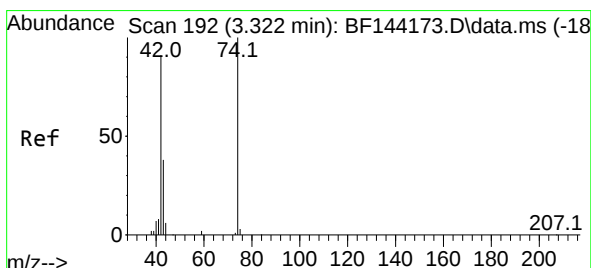
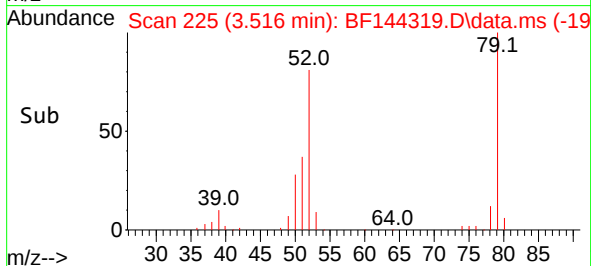
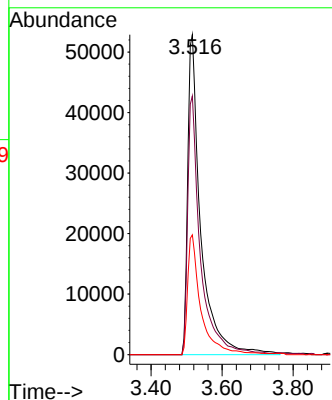
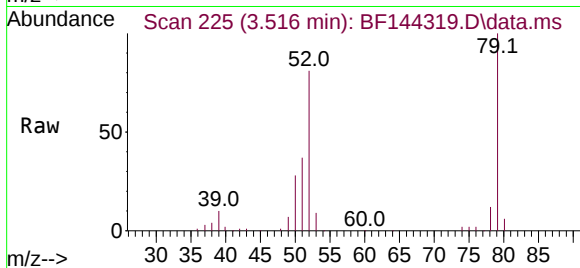
Tgt Ion: 79 Resp: 135381

Ion Ratio Lower Upper

79 100

52 80.8 64.5 96.7

51 37.4 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 44.313 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.100 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

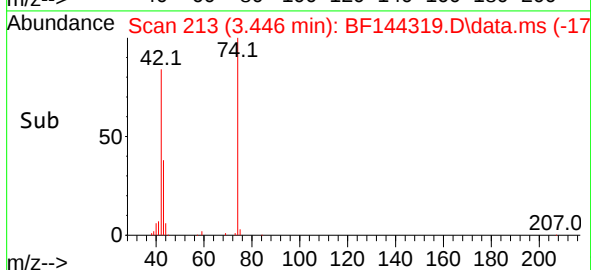
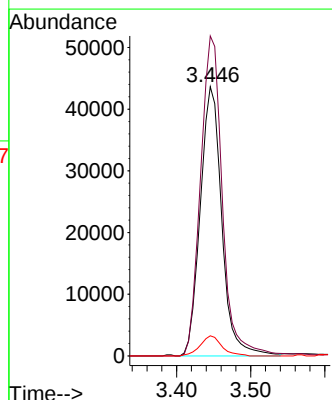
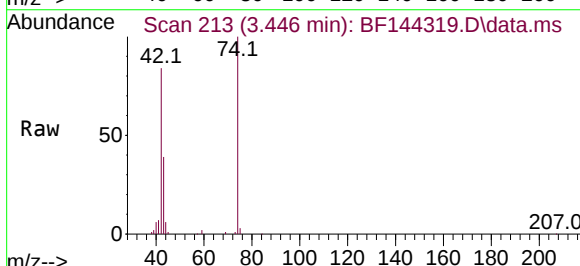
Tgt Ion: 42 Resp: 88077

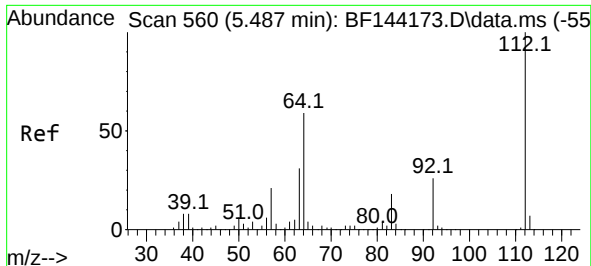
Ion Ratio Lower Upper

42 100

74 118.8 88.2 132.4

44 7.5 5.7 8.5

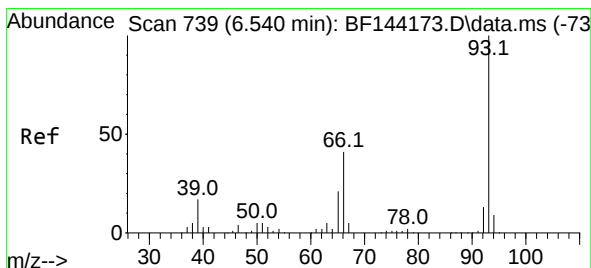
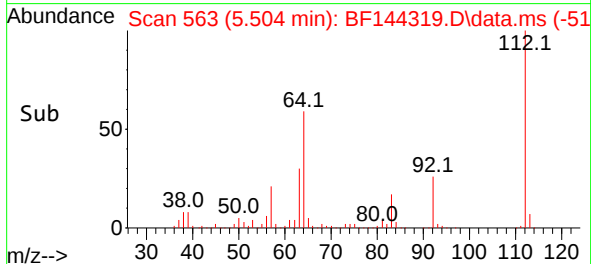
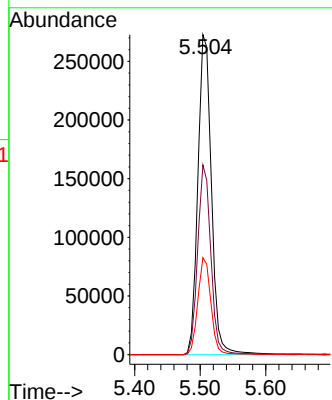
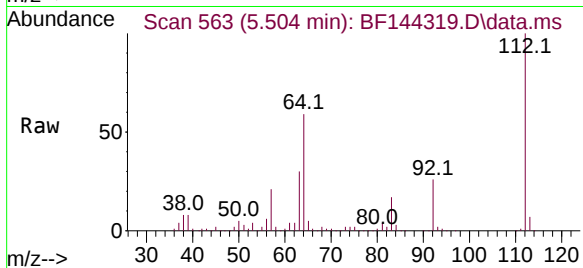




#5
2-Fluorophenol
Concen: 118.194 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

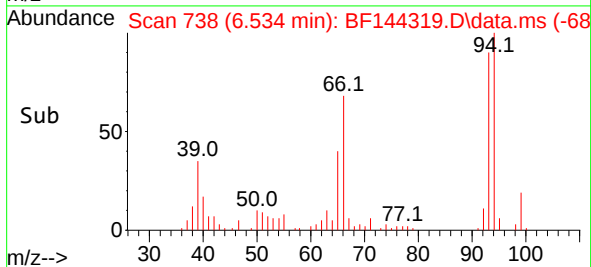
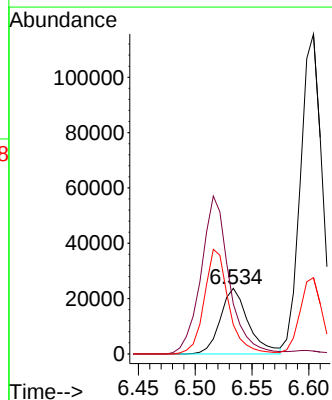
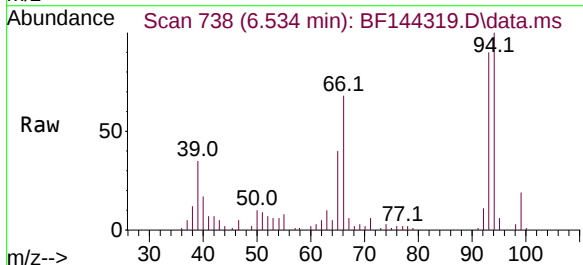
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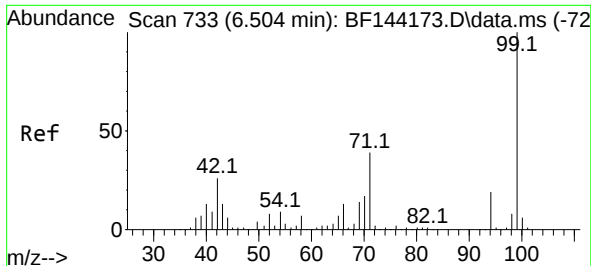
Tgt Ion:112 Resp: 389929
Ion Ratio Lower Upper
112 100
64 59.3 47.2 70.8
63 30.3 24.4 36.6



#6
Aniline
Concen: 7.665 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion: 93 Resp: 40825
Ion Ratio Lower Upper
93 100
66 76.1 34.3 51.5#
65 44.4 16.9 25.3#

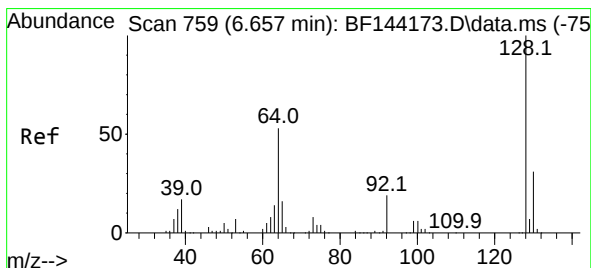
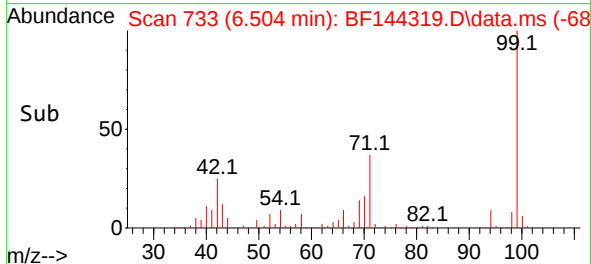
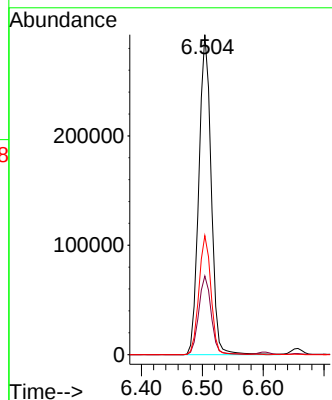
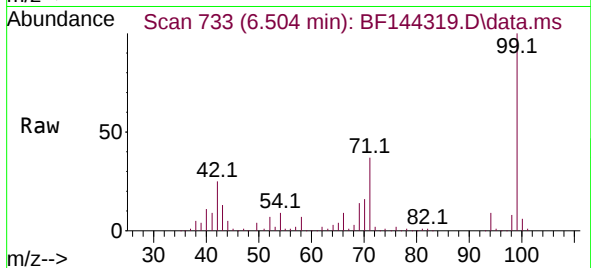




#7
Phenol-d6
Concen: 109.711 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

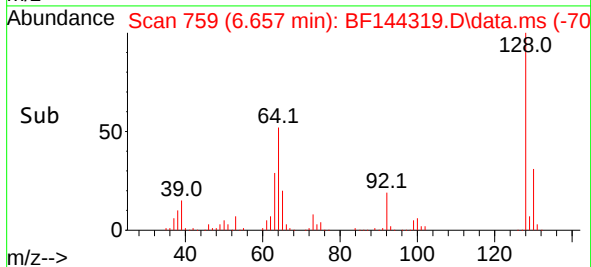
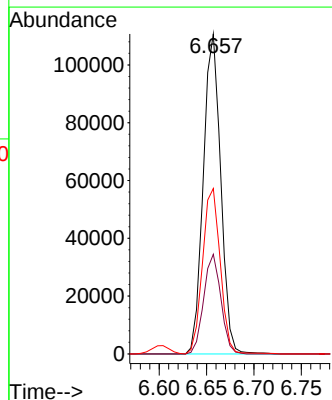
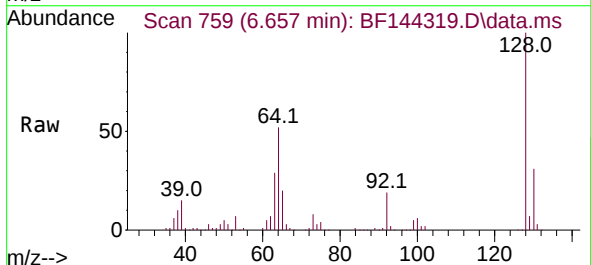
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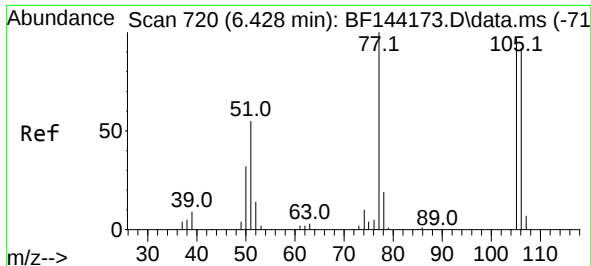
Tgt Ion: 99 Resp: 410109
Ion Ratio Lower Upper
99 100
42 24.6 20.9 31.3
71 37.2 31.4 47.2



#8
2-Chlorophenol
Concen: 43.802 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:128 Resp: 141715
Ion Ratio Lower Upper
128 100
130 31.1 10.5 50.5
64 51.7 33.2 73.2





#9

Benzaldehyde

Concen: 22.658 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

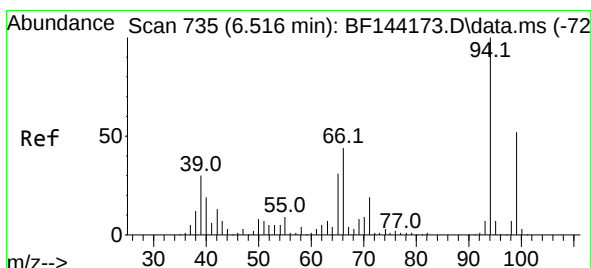
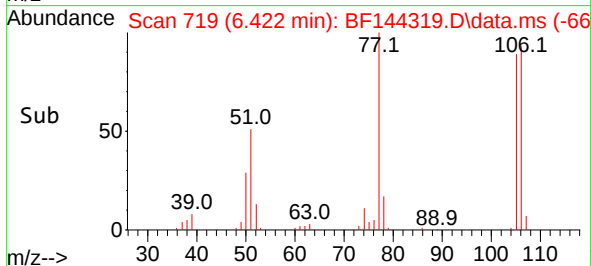
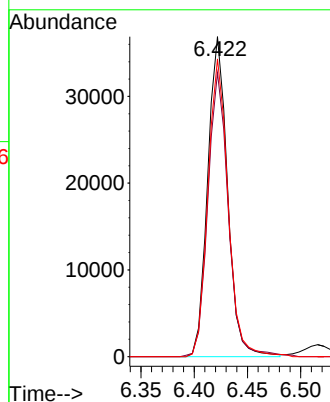
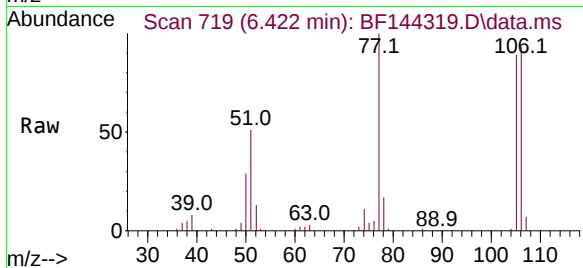
Tgt Ion: 77 Resp: 47827

Ion Ratio Lower Upper

77 100

105 88.7 77.2 117.2

106 93.0 72.2 112.2



#10

Phenol

Concen: 37.074 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

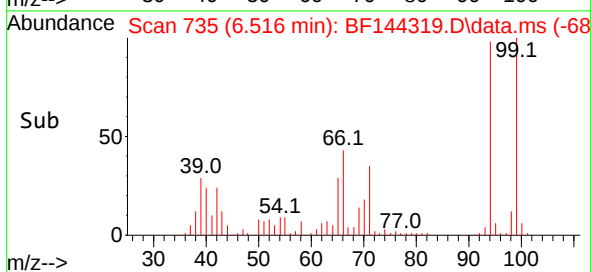
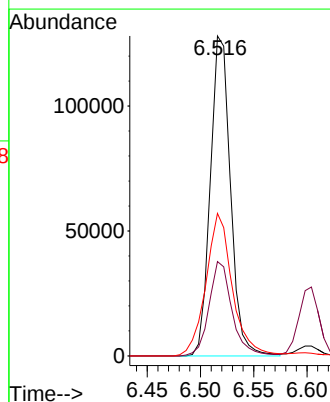
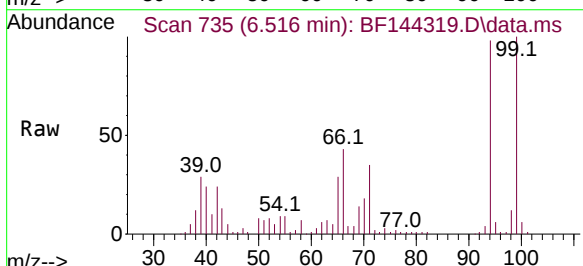
Tgt Ion: 94 Resp: 169322

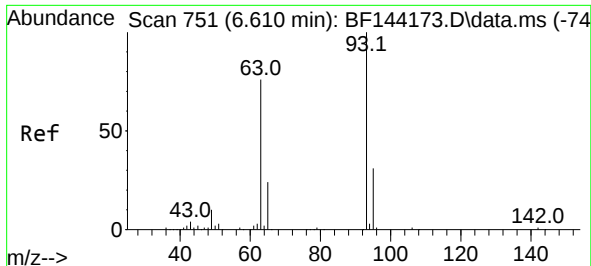
Ion Ratio Lower Upper

94 100

65 29.5 10.8 50.8

66 44.6 24.3 64.3

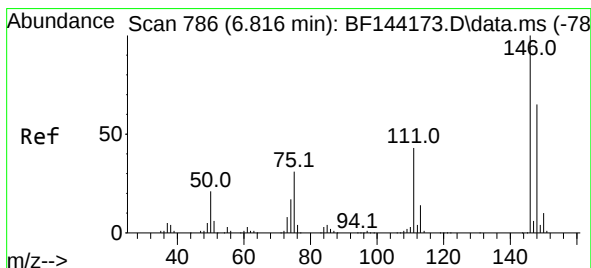
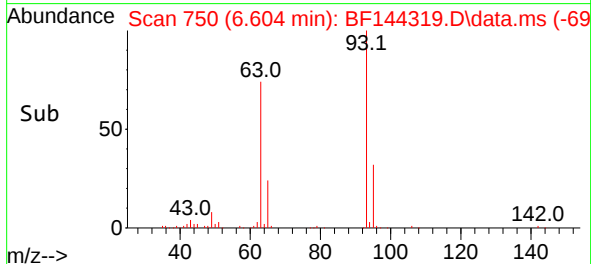
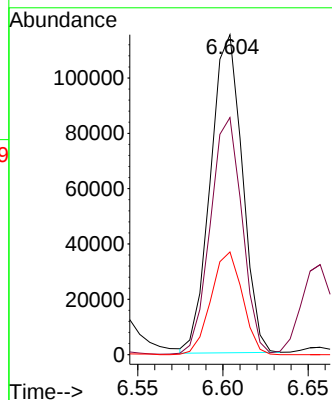
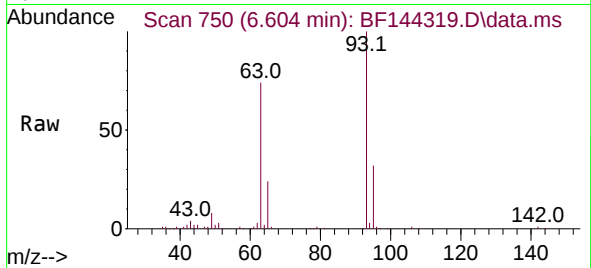




#11
bis(2-Chloroethyl)ether
Concen: 44.999 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

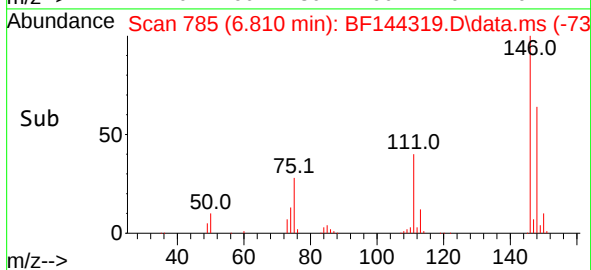
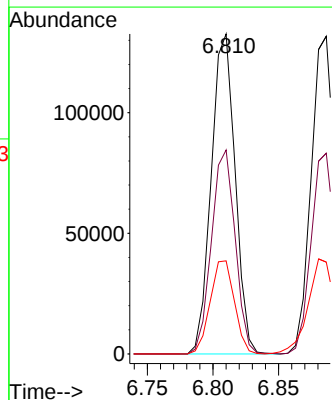
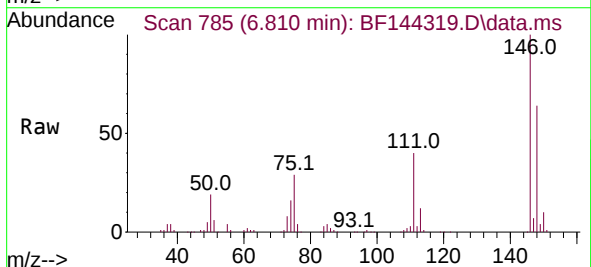
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

Tgt Ion: 93 Resp: 149754
Ion Ratio Lower Upper
93 100
63 74.1 55.2 95.2
95 32.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 42.047 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion: 146 Resp: 167865
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 29.1 25.0 37.4

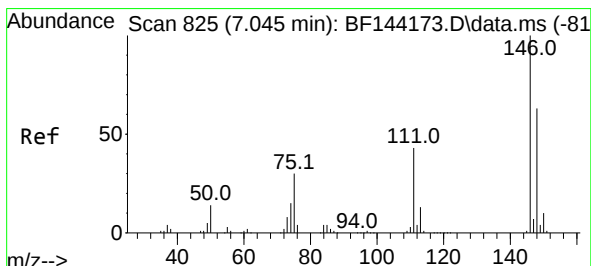
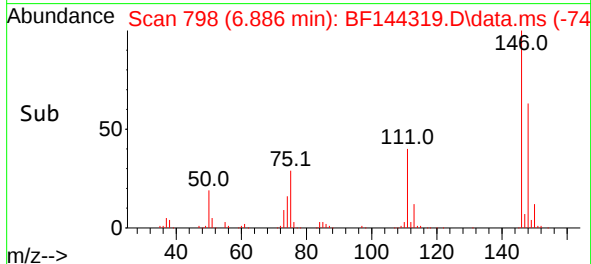
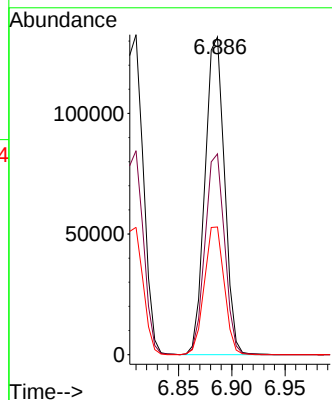
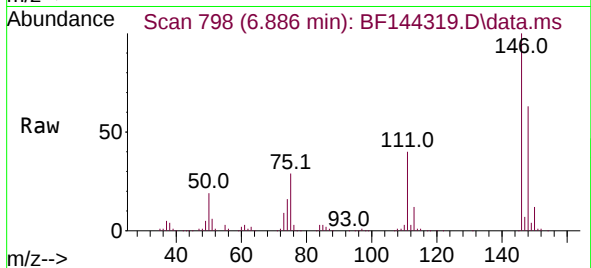




#13
1,4-Dichlorobenzene
Concen: 41.866 ng
RT: 6.886 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

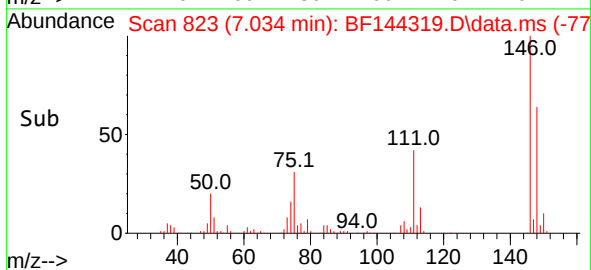
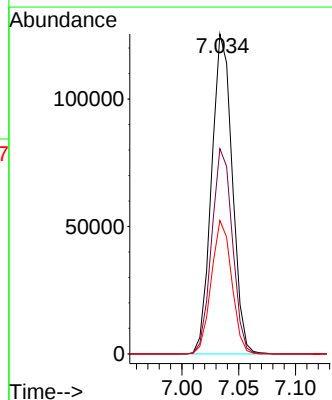
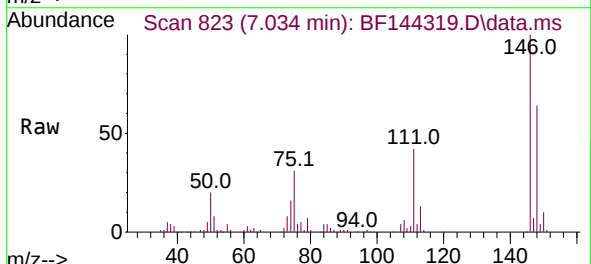
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

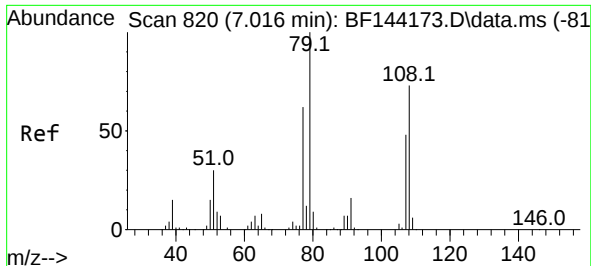
Tgt Ion:146 Resp: 167449
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 40.2 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 41.421 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:146 Resp: 158791
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
111 41.7 34.2 51.4

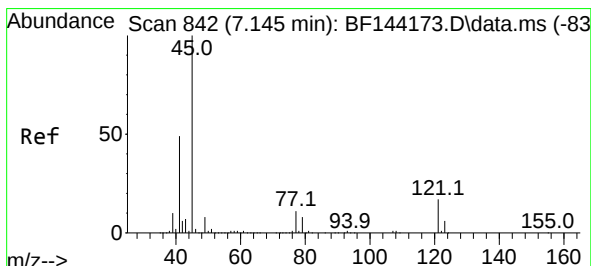
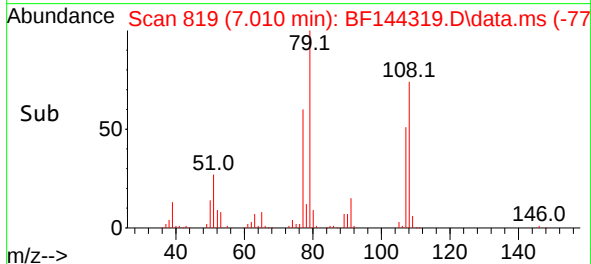
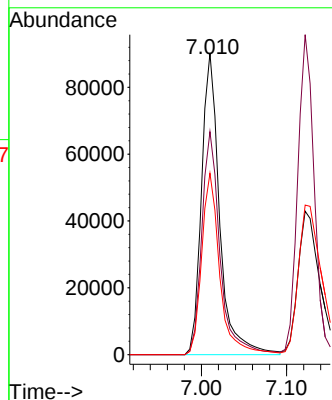
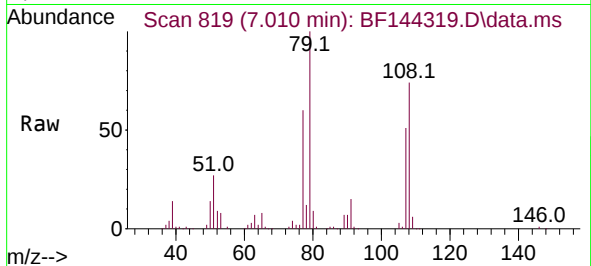




#15
Benzyl Alcohol
Concen: 44.992 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

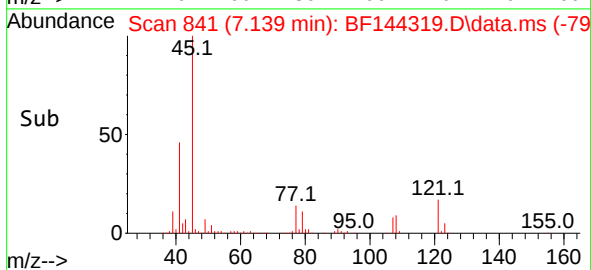
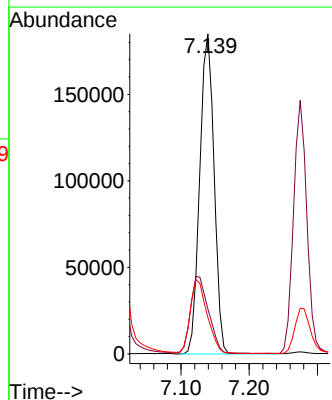
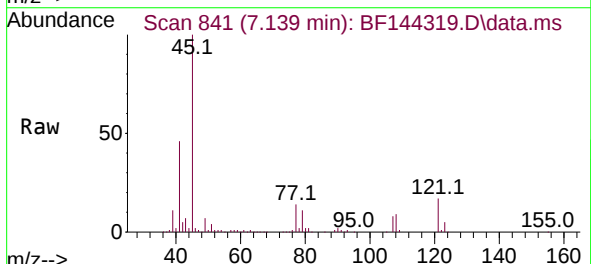
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

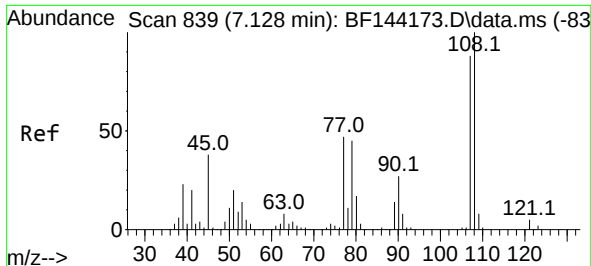
Tgt Ion: 79 Resp: 133174
Ion Ratio Lower Upper
79 100
108 73.9 58.2 87.4
77 60.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.346 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion: 45 Resp: 271773
Ion Ratio Lower Upper
45 100
77 14.1 0.0 31.8
79 11.4 0.0 29.1

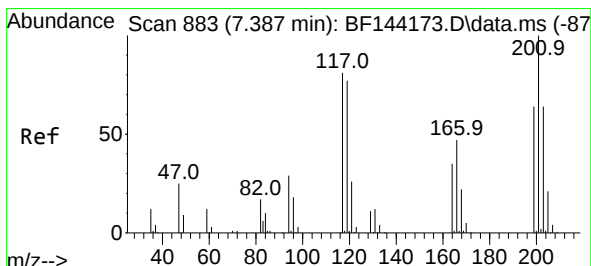
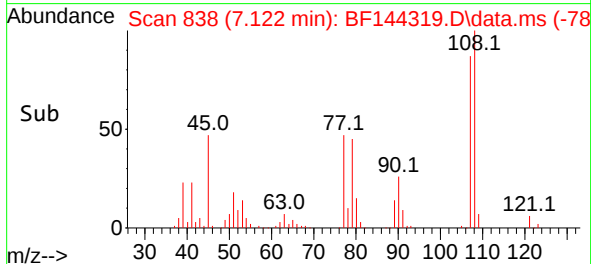
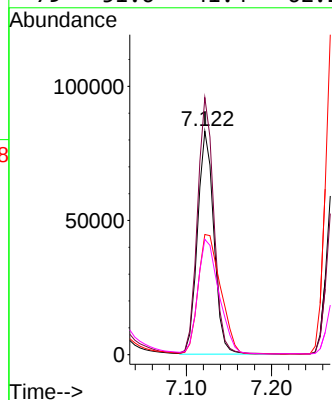
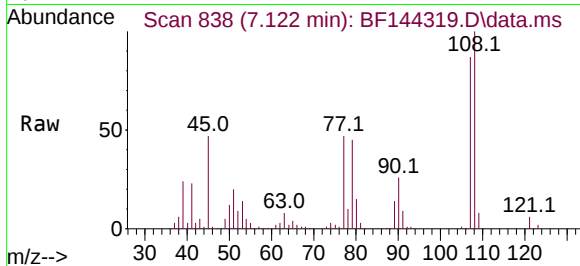




#17
2-Methylphenol
Concen: 42.989 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

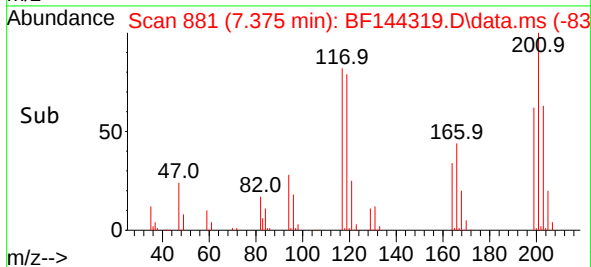
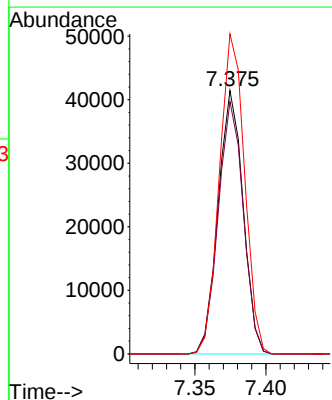
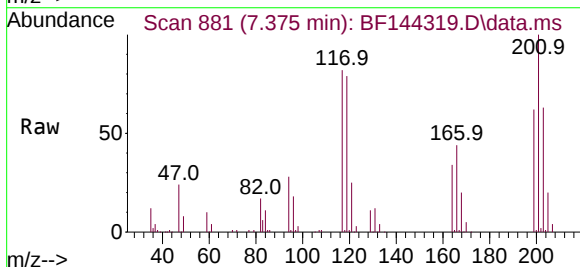
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

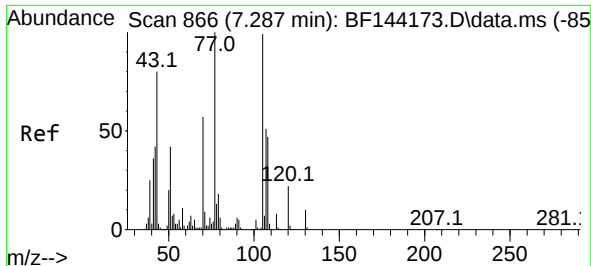
Tgt Ion:	107	Resp:	110646
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.0	136.4
77	53.7	42.7	64.1
79	51.6	41.4	62.2



#18
Hexachloroethane
Concen: 38.038 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:	117	Resp:	50545
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	121.5	98.9	148.3

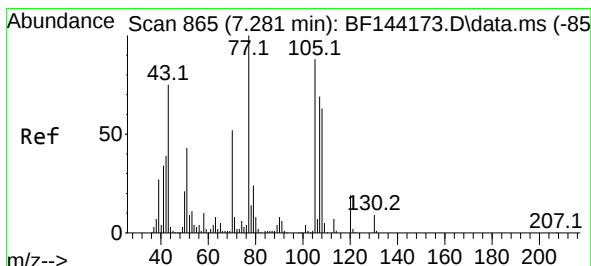
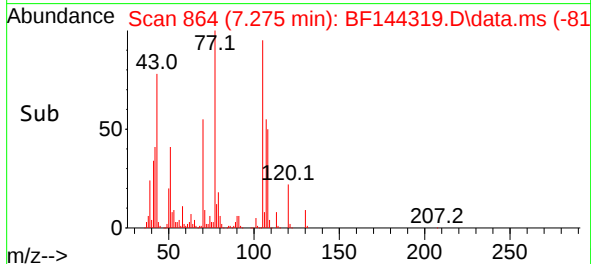
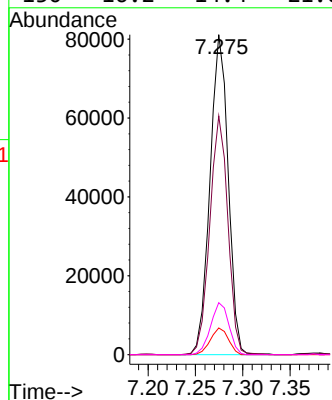
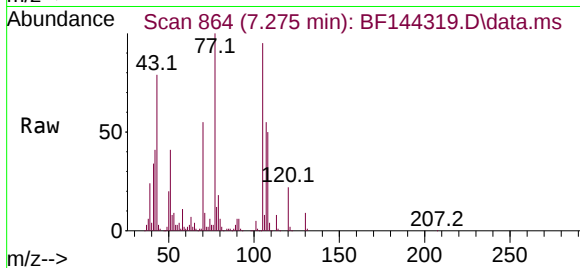




#19
n-Nitroso-di-n-propylamine
Concen: 44.064 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

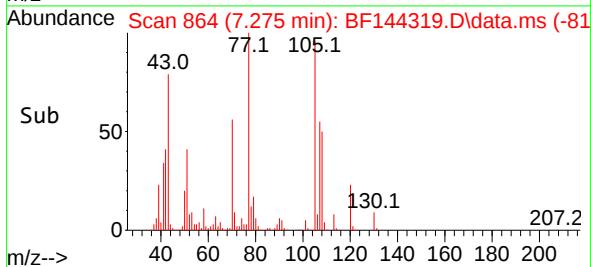
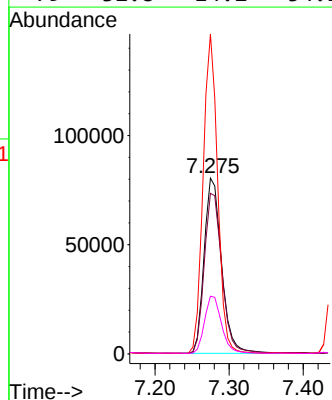
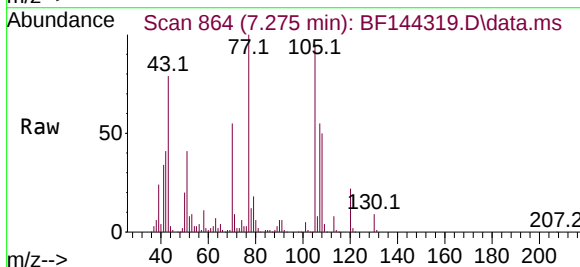
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

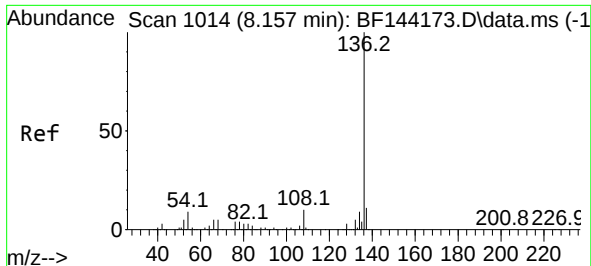
Tgt Ion:	70	Resp:	108434
Ion	Ratio	Lower	Upper
70	100		
42	74.6	58.3	87.5
101	8.3	7.0	10.6
130	16.2	14.4	21.6



#20
3+4-Methylphenols
Concen: 43.405 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:	107	Resp:	131695
Ion	Ratio	Lower	Upper
107	100		
108	91.3	70.2	110.2
77	182.0	123.9	163.9#
79	32.8	14.2	54.2

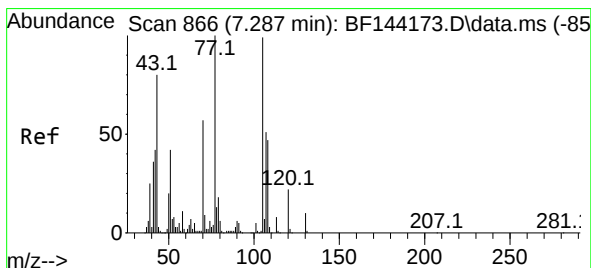
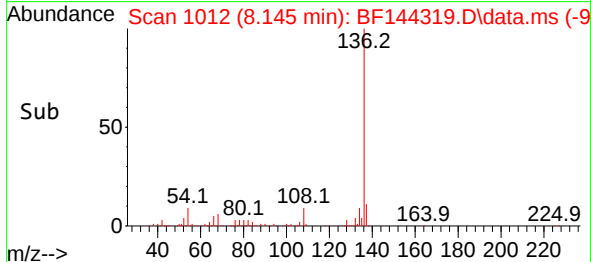
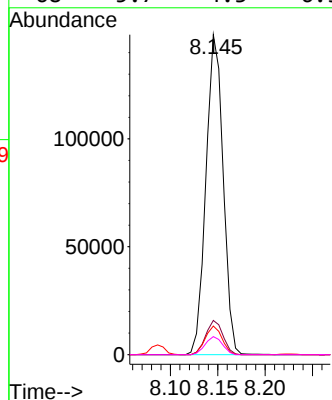
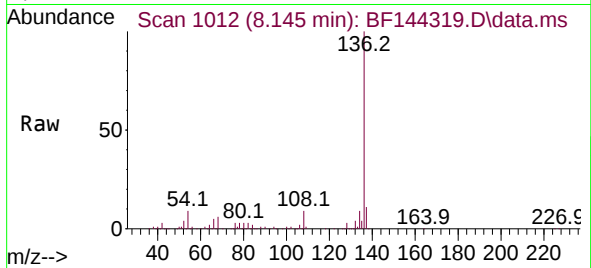




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

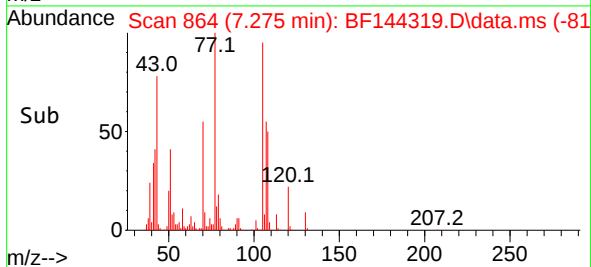
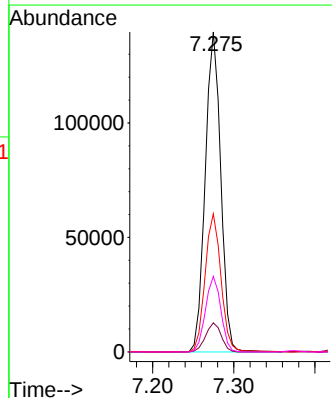
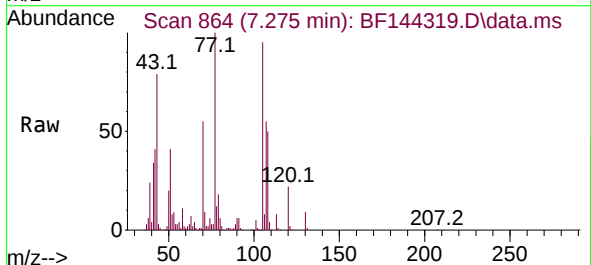
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

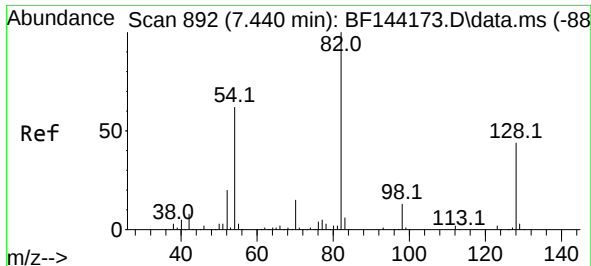
Tgt Ion:136 Resp: 187793
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 7.0 10.6
68 5.7 4.3 6.5



#22
Acetophenone
Concen: 46.107 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:105 Resp: 185745
Ion Ratio Lower Upper
105 100
71 9.1 7.2 10.8
51 43.1 34.0 51.0
120 23.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 88.458 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

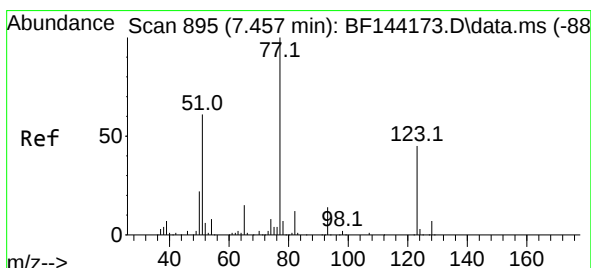
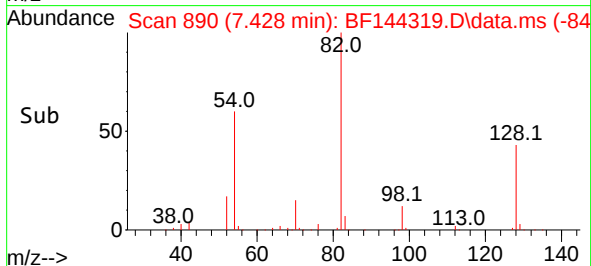
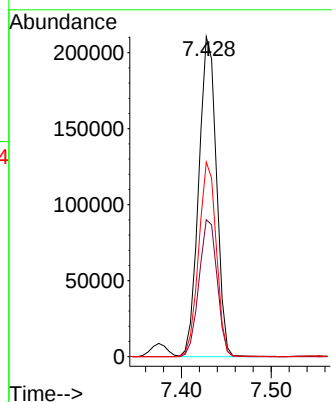
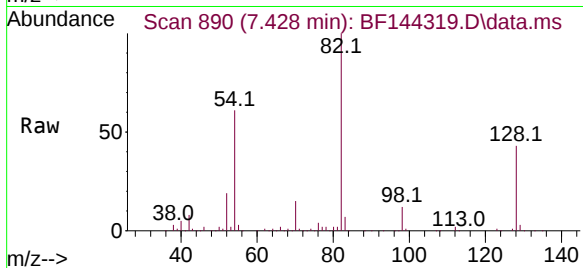
Tgt Ion: 82 Resp: 287626

Ion Ratio Lower Upper

82 100

128 42.8 34.7 52.1

54 60.8 49.5 74.3



#24

Nitrobenzene

Concen: 43.723 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

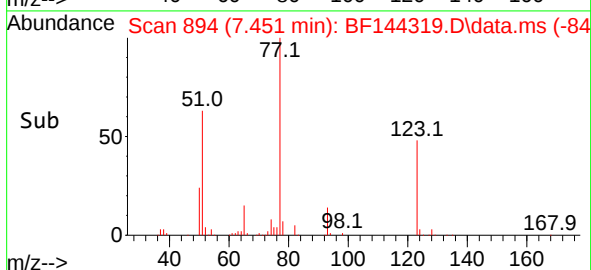
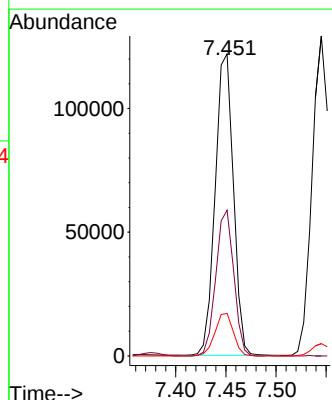
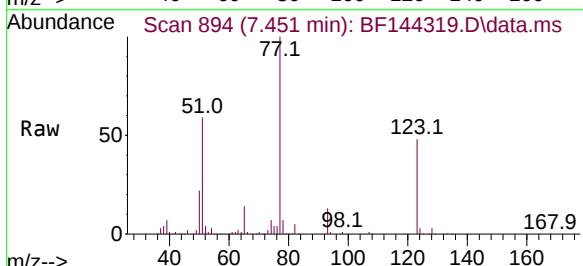
Tgt Ion: 77 Resp: 154361

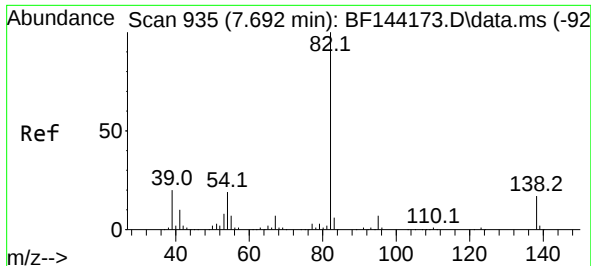
Ion Ratio Lower Upper

77 100

123 48.3 35.8 53.8

65 14.1 12.2 18.2

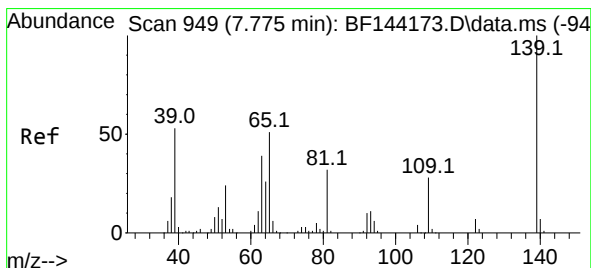
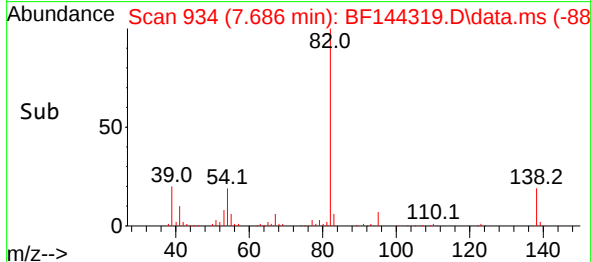
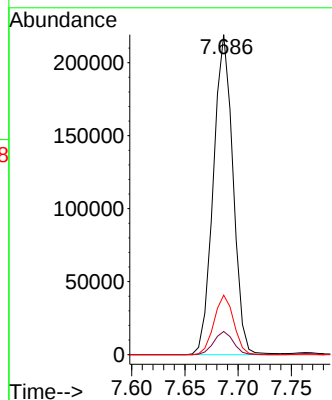
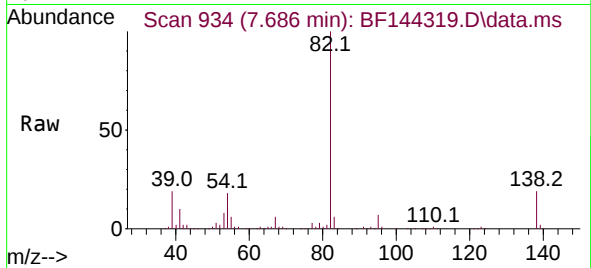




#25
Isophorone
Concen: 45.828 ng
RT: 7.686 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

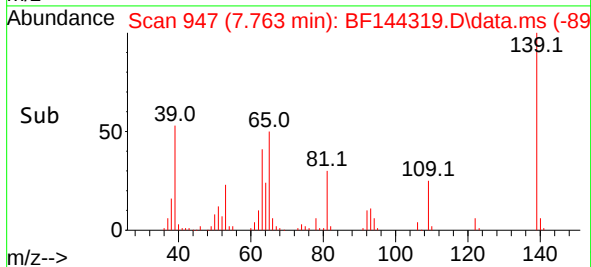
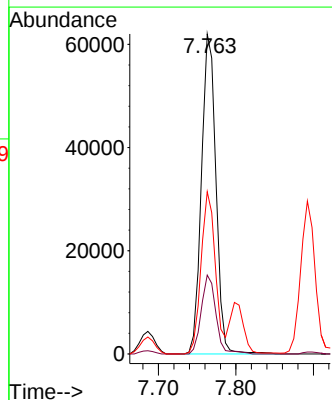
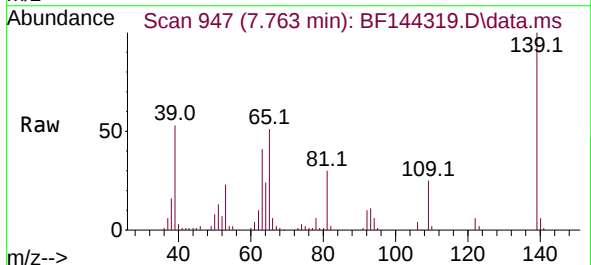
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

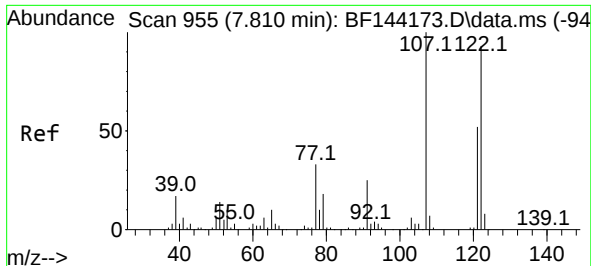
Tgt Ion: 82 Resp: 281859
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.6 13.7 20.5



#26
2-Nitrophenol
Concen: 46.007 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion: 139 Resp: 80403
Ion Ratio Lower Upper
139 100
109 24.6 22.2 33.2
65 50.7 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 51.579 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

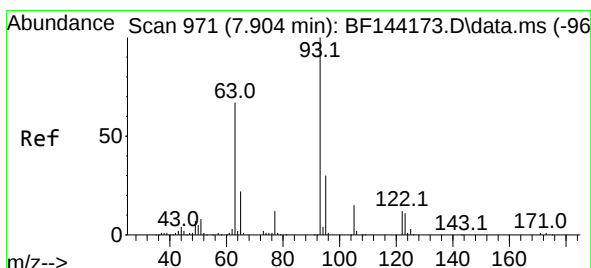
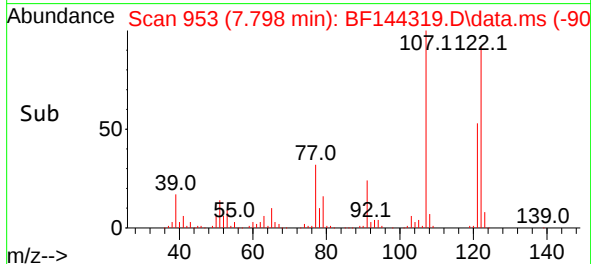
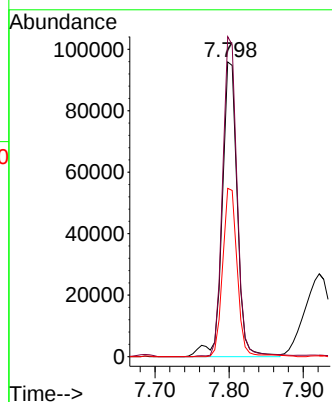
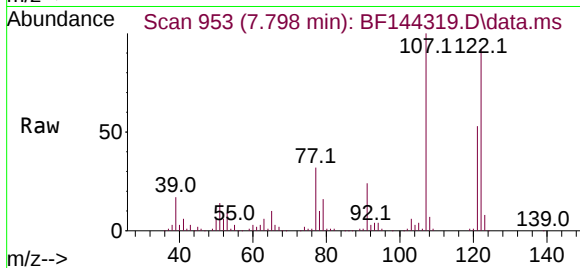
Tgt Ion:122 Resp: 135106

Ion Ratio Lower Upper

122 100

107 108.6 86.2 129.4

121 57.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.783 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

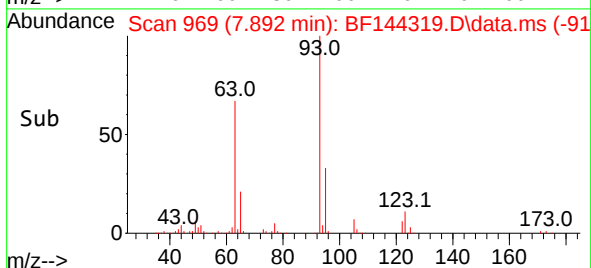
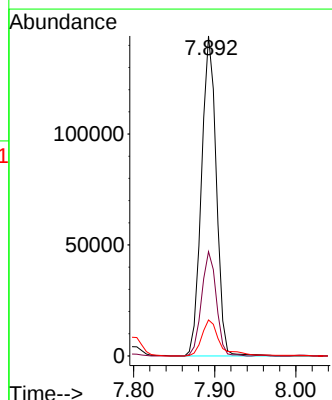
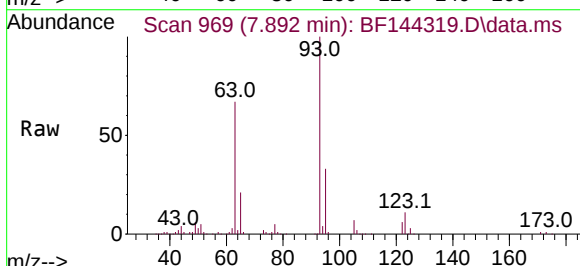
Tgt Ion: 93 Resp: 183520

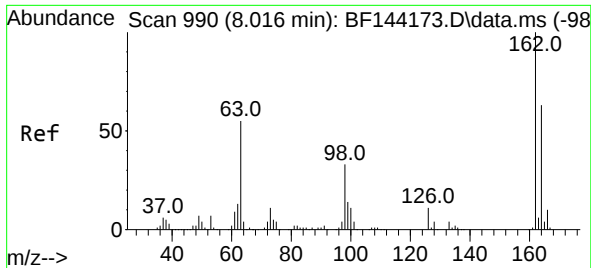
Ion Ratio Lower Upper

93 100

95 32.6 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.994 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

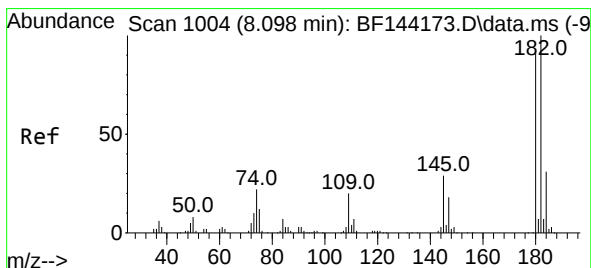
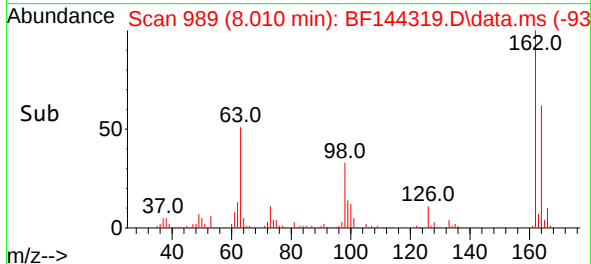
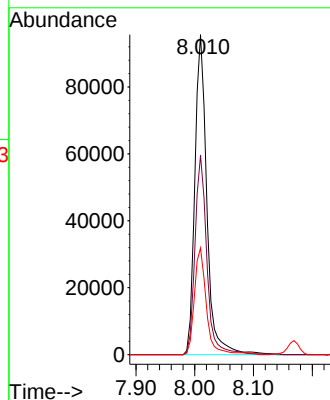
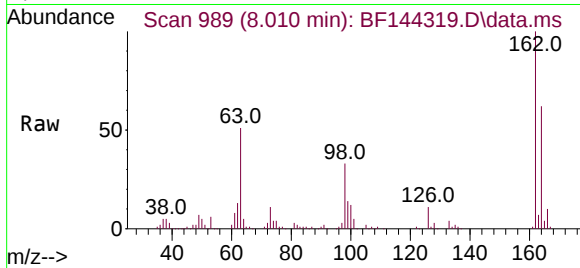
Tgt Ion:162 Resp: 135838

Ion Ratio Lower Upper

162 100

164 62.3 42.9 82.9

98 33.3 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 43.533 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

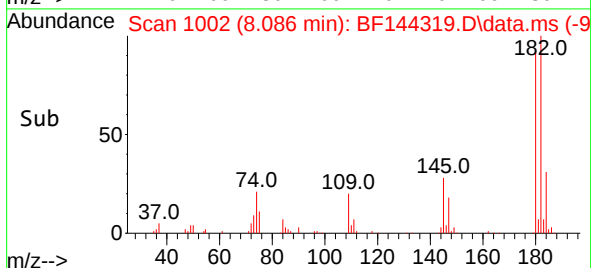
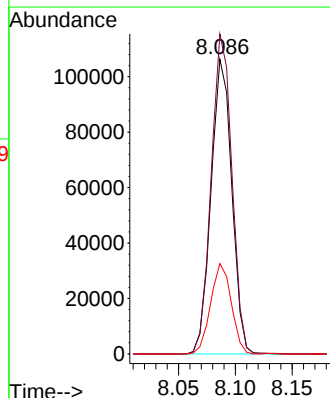
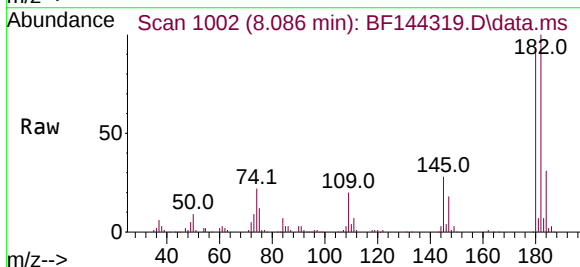
Tgt Ion:180 Resp: 134958

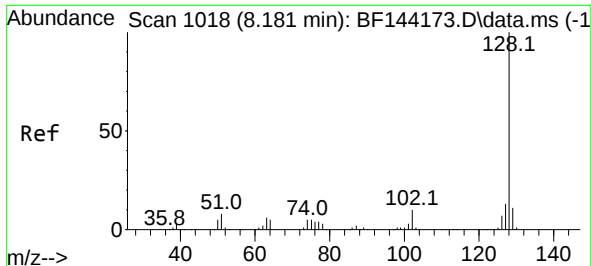
Ion Ratio Lower Upper

180 100

182 108.6 87.7 131.5

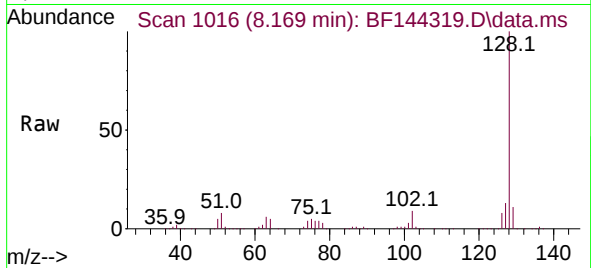
145 30.7 25.4 38.0



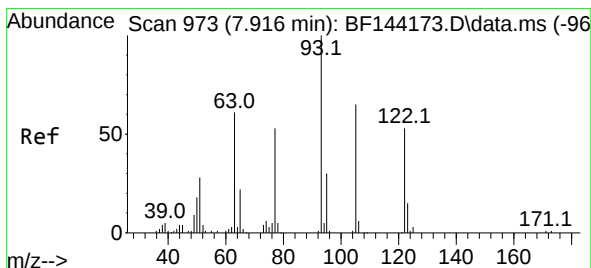
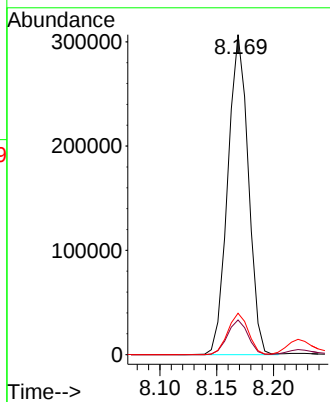
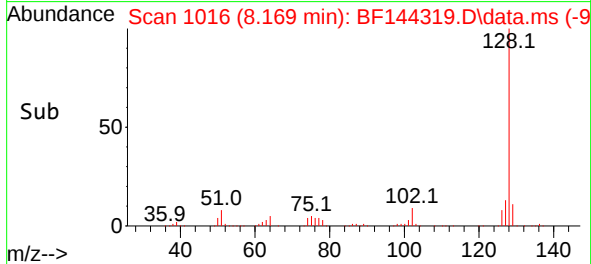


#31
Naphthalene
Concen: 43.143 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

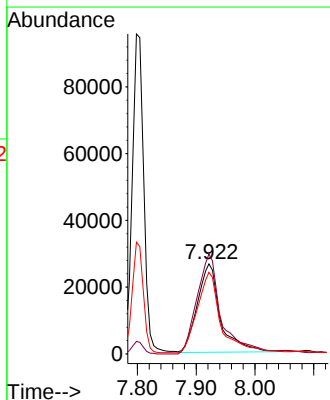
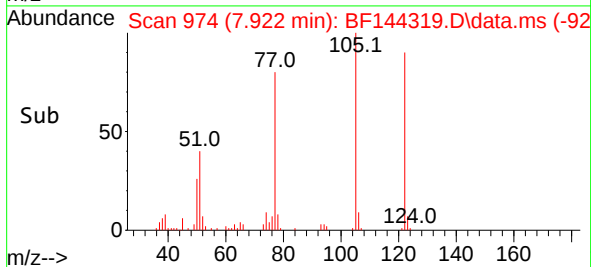
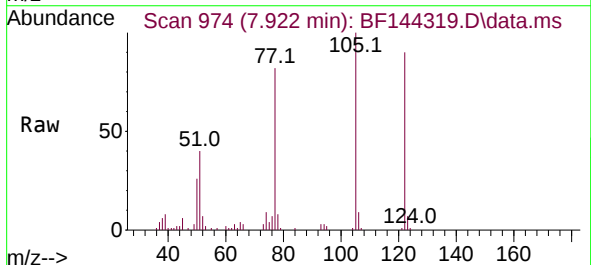


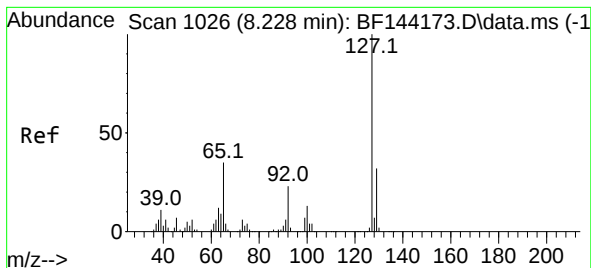
Tgt Ion:128 Resp: 385405
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 37.626 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:122 Resp: 72243
Ion Ratio Lower Upper
122 100
105 110.9 99.9 139.9
77 90.5 77.5 117.5





#33

4-Chloroaniline

Concen: 8.168 ng

RT: 8.222 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

Tgt Ion:127 Resp: 26611

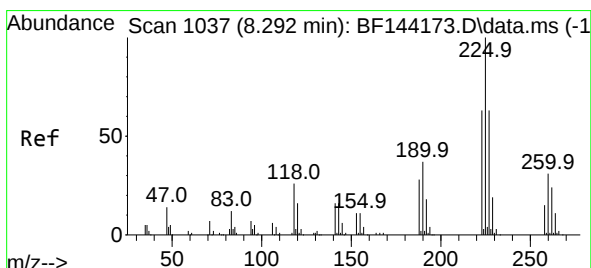
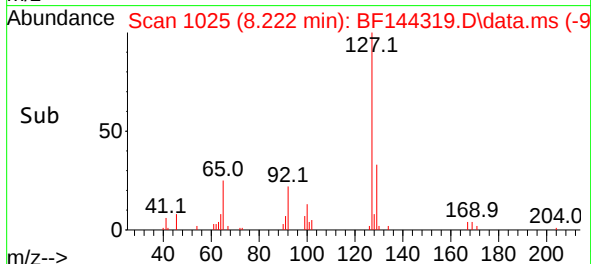
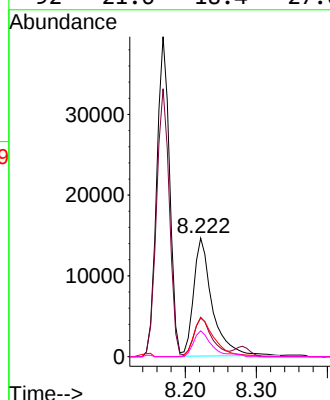
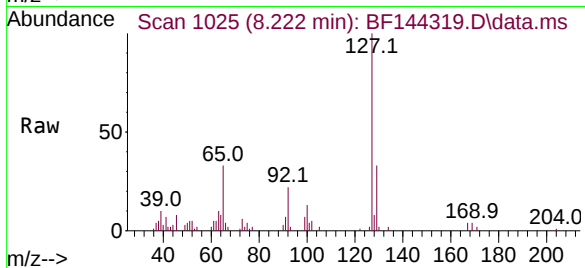
Ion Ratio Lower Upper

127 100

129 33.1 25.3 37.9

65 32.5 27.6 41.4

92 21.6 18.4 27.6



#34

Hexachlorobutadiene

Concen: 40.526 ng

RT: 8.280 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

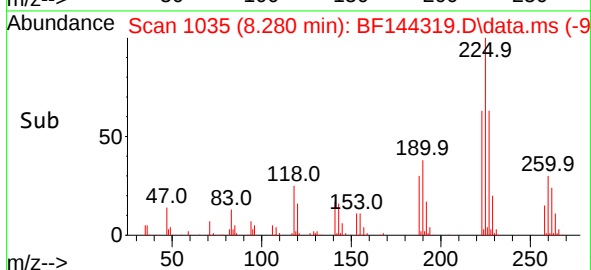
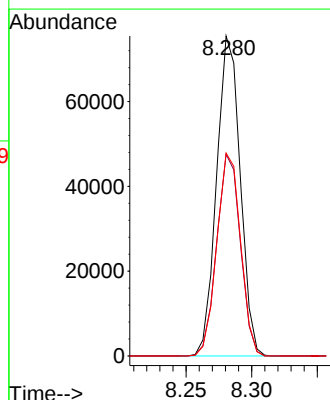
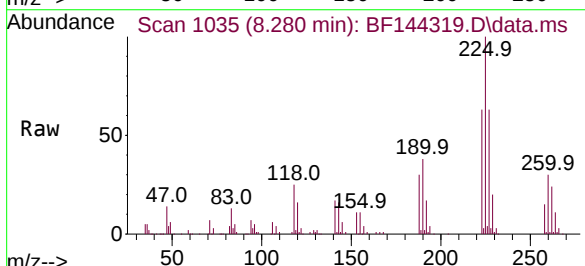
Tgt Ion:225 Resp: 94683

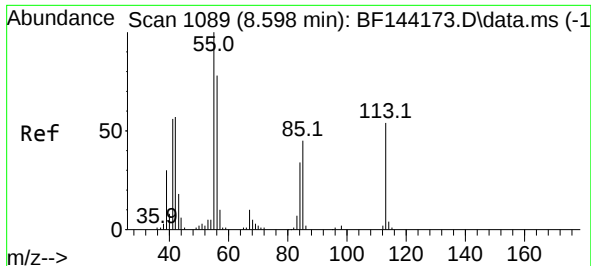
Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.4

227 63.4 50.1 75.1

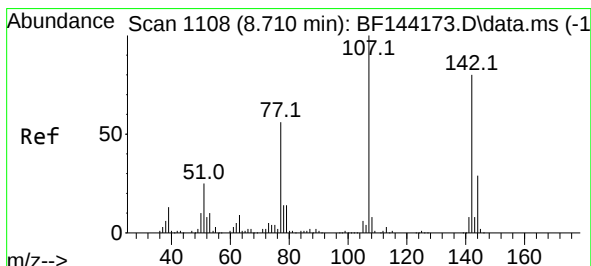
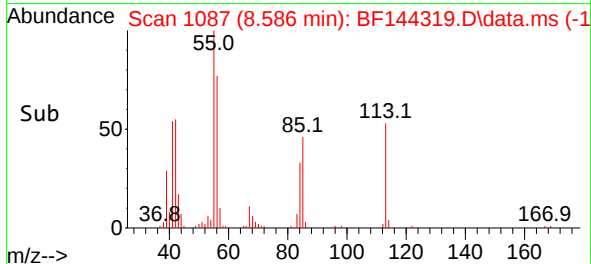
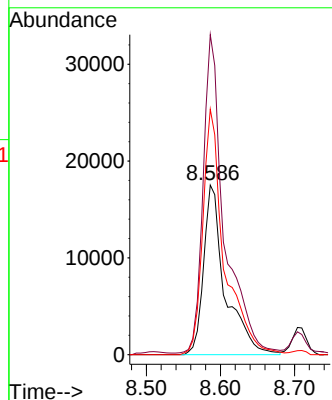
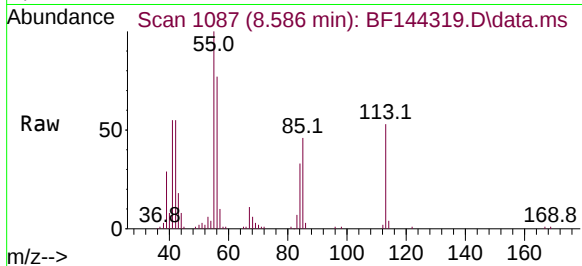




#35
 Caprolactam
 Concen: 42.748 ng
 RT: 8.586 min Scan# 1087
 Delta R.T. -0.035 min
 Lab File: BF144319.D
 Acq: 21 Nov 2025 20:49

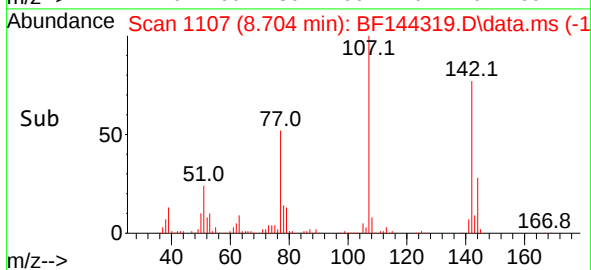
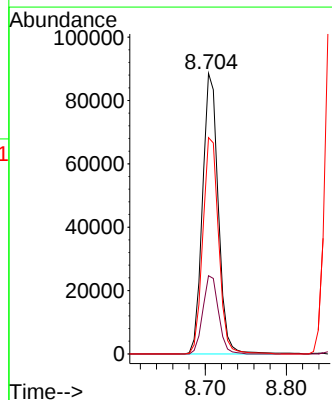
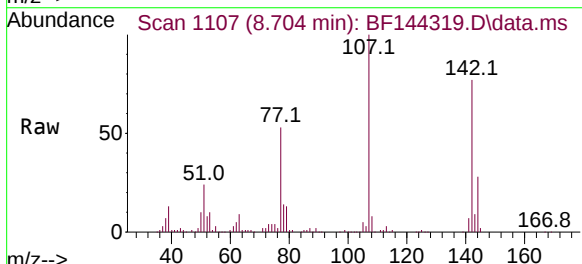
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMSD

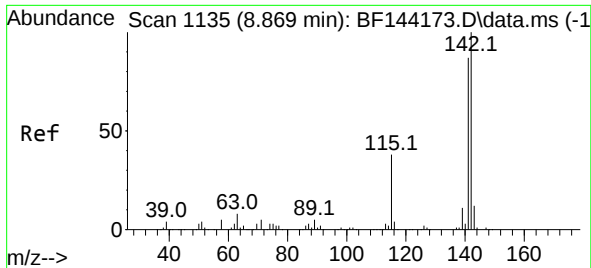
Tgt Ion:113 Resp: 35358
 Ion Ratio Lower Upper
 113 100
 55 188.7 166.8 206.8
 56 144.7 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.097 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144319.D
 Acq: 21 Nov 2025 20:49

Tgt Ion:107 Resp: 119313
 Ion Ratio Lower Upper
 107 100
 144 27.8 23.3 34.9
 142 77.1 63.8 95.6

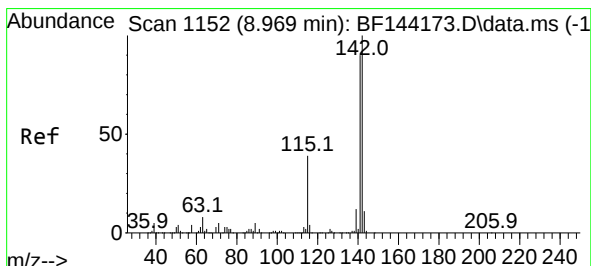
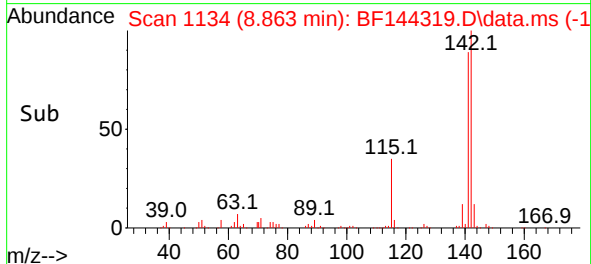
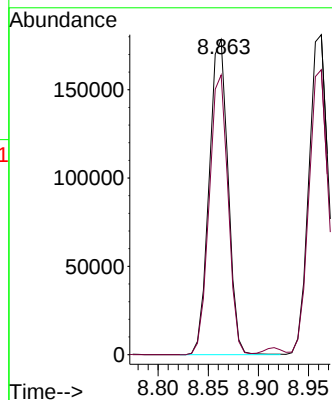
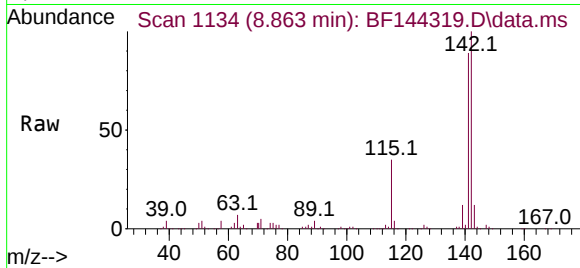




#37
2-Methylnaphthalene
Concen: 39.200 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

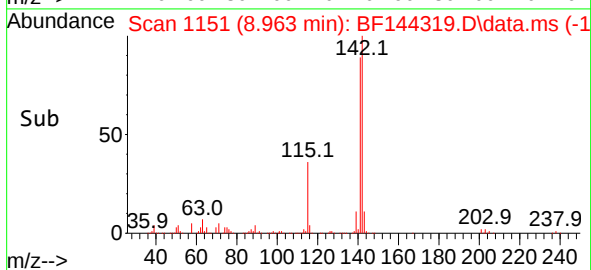
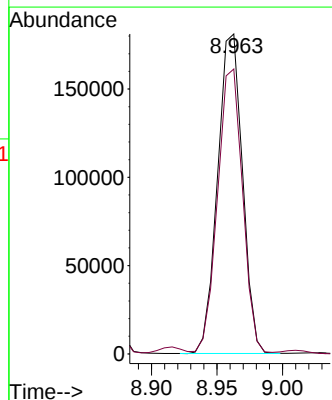
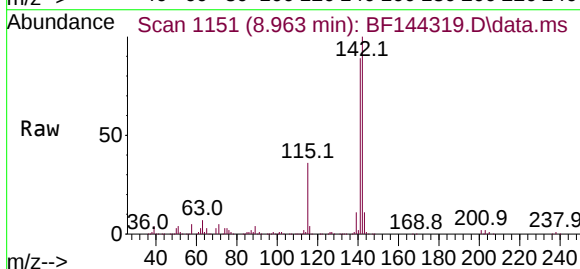
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

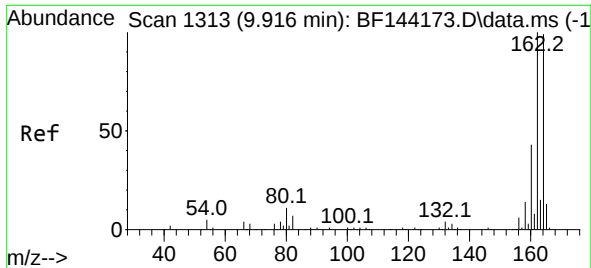
Tgt Ion:142 Resp: 234128
Ion Ratio Lower Upper
142 100
141 88.8 69.9 104.9



#38
1-Methylnaphthalene
Concen: 41.590 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:142 Resp: 239683
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1

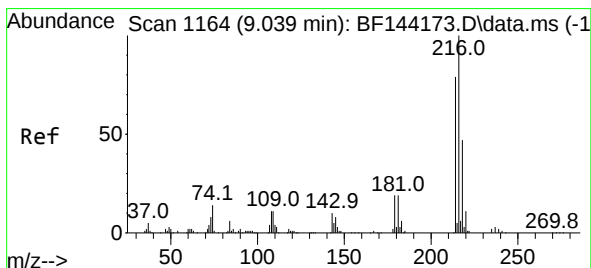
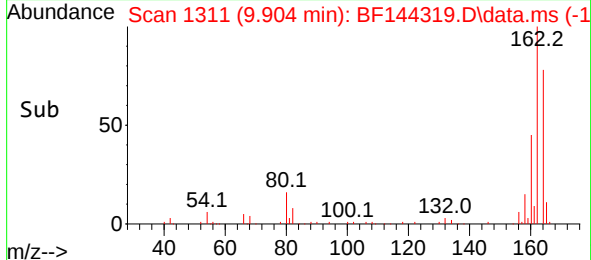
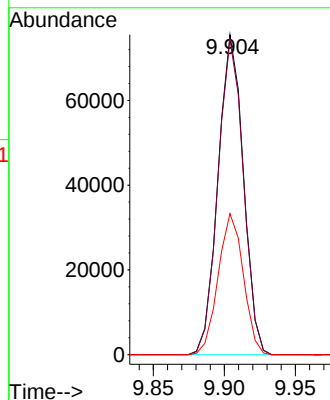
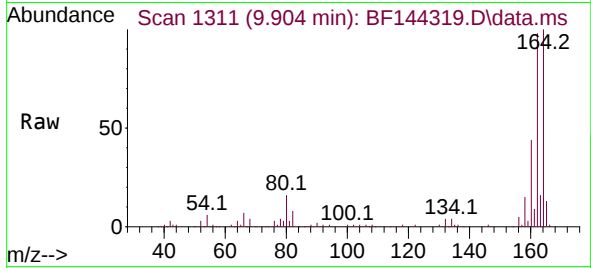




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

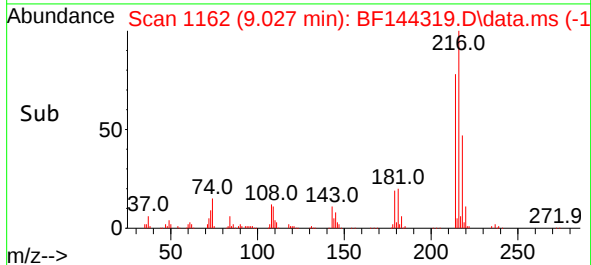
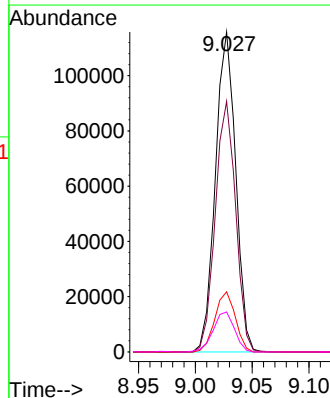
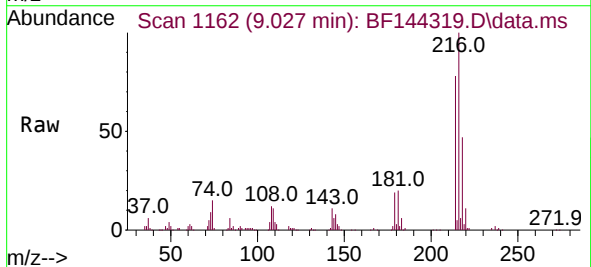
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

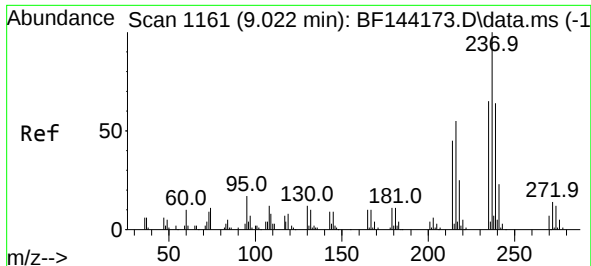
Tgt Ion:164 Resp: 93758
Ion Ratio Lower Upper
164 100
162 98.5 81.1 121.7
160 44.1 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.808 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:216 Resp: 143829
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.2
179 18.9 15.0 22.4
108 13.2 10.5 15.7

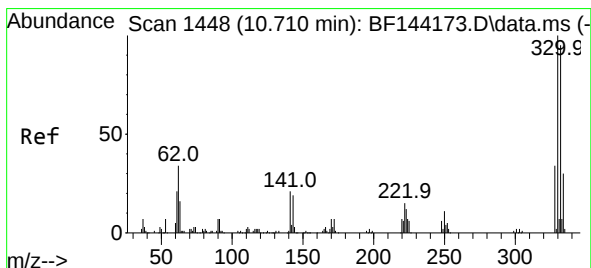
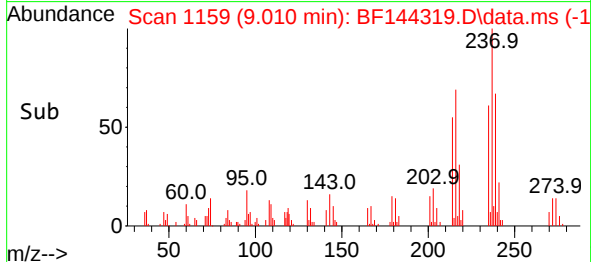
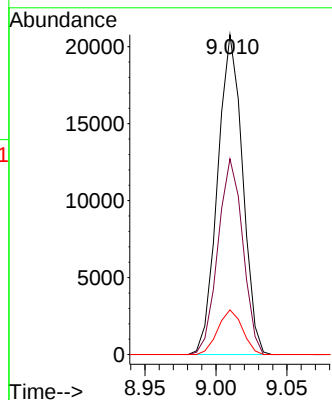
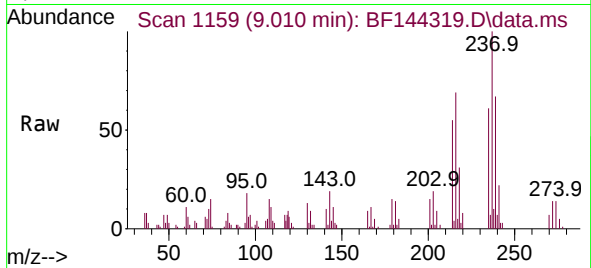




#41
Hexachlorocyclopentadiene
Concen: 29.870 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

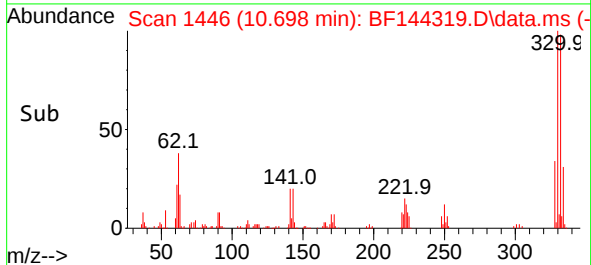
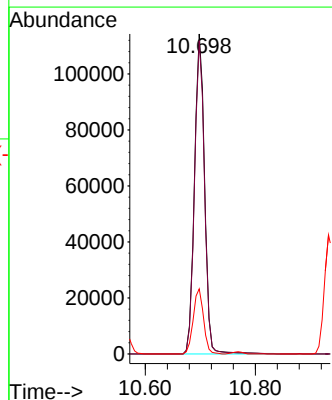
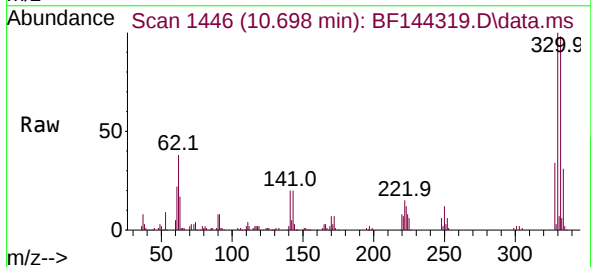
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BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

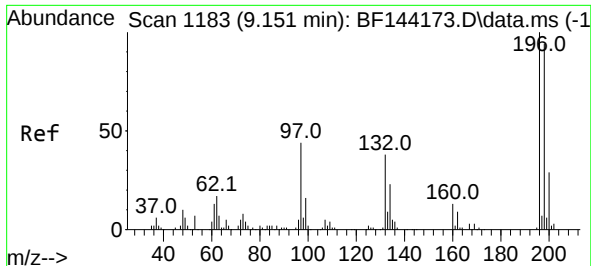
Tgt Ion:237 Resp: 25466
Ion Ratio Lower Upper
237 100
235 61.2 45.5 85.5
272 14.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 124.142 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

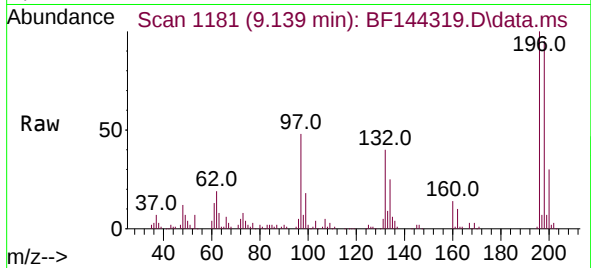
Tgt Ion:330 Resp: 146060
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 20.7 17.8 26.8



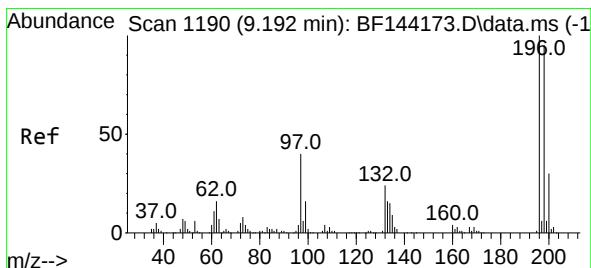
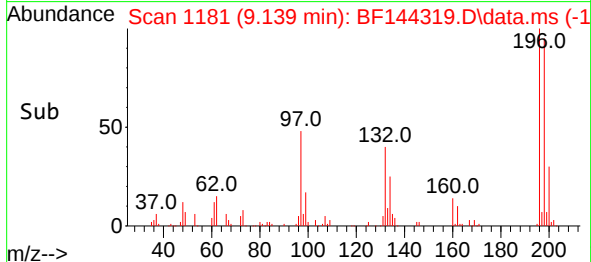
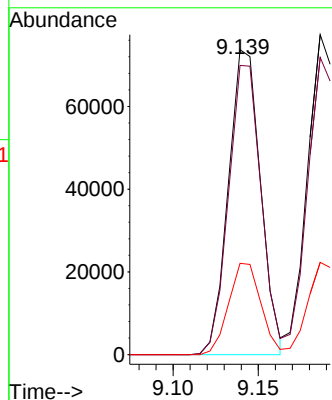


#43
2,4,6-Trichlorophenol
Concen: 46.196 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

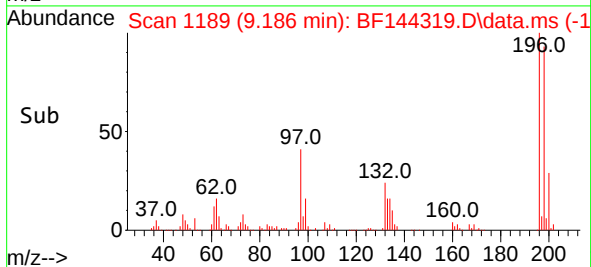
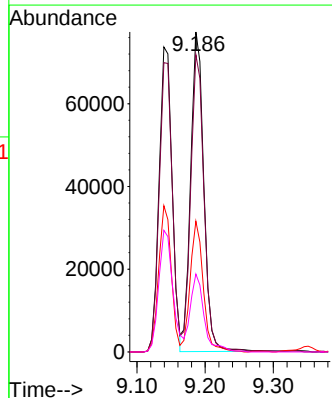
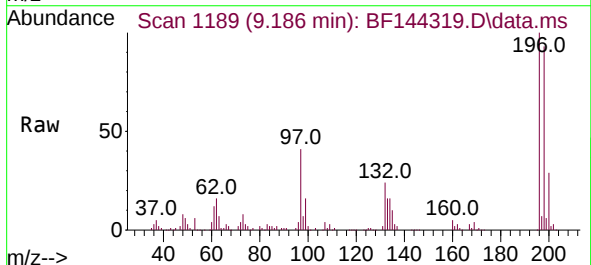


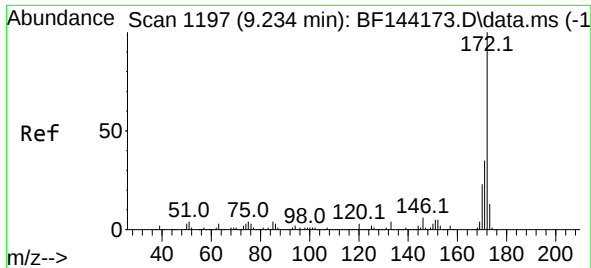
Tgt Ion:196 Resp: 96612
Ion Ratio Lower Upper
196 100
198 94.8 75.3 112.9
200 29.9 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 46.121 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:196 Resp: 103958
Ion Ratio Lower Upper
196 100
198 92.9 76.1 114.1
97 40.8 31.9 47.9
132 24.3 19.4 29.2

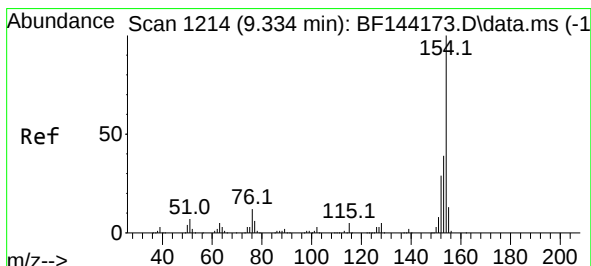
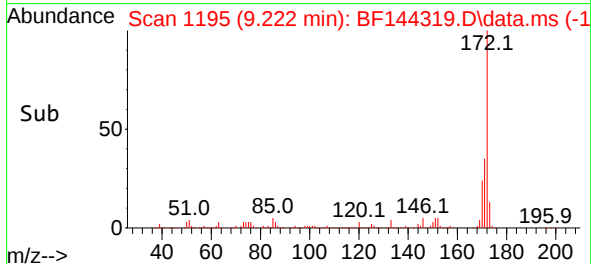
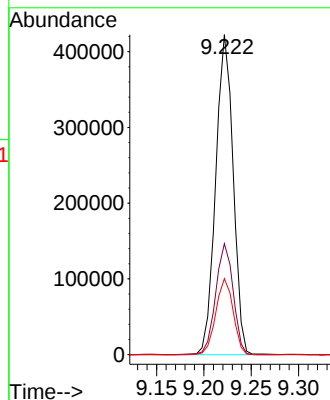
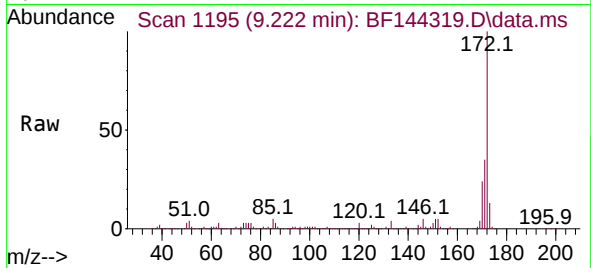




#45
2-Fluorobiphenyl
Concen: 85.220 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

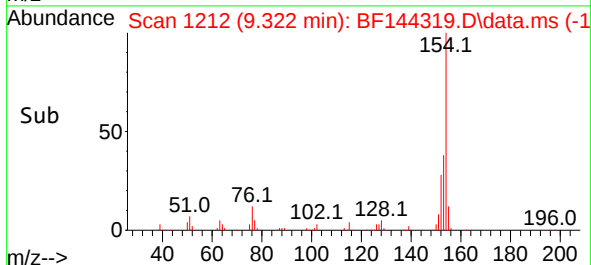
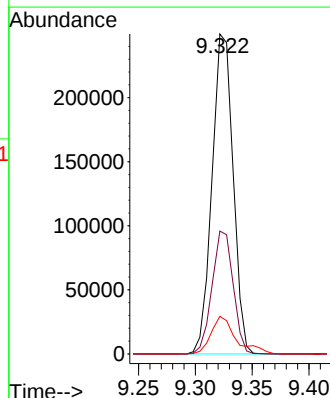
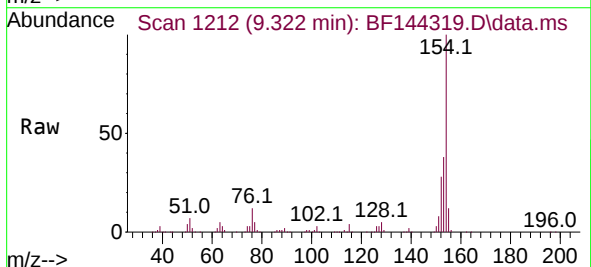
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

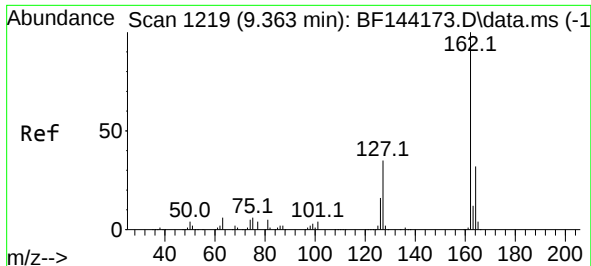
Tgt Ion:172 Resp: 540991
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 49.192 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:154 Resp: 321944
Ion Ratio Lower Upper
154 100
153 38.4 19.2 59.2
76 11.7 0.0 31.8





#47

2-Chloronaphthalene

Concen: 46.906 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

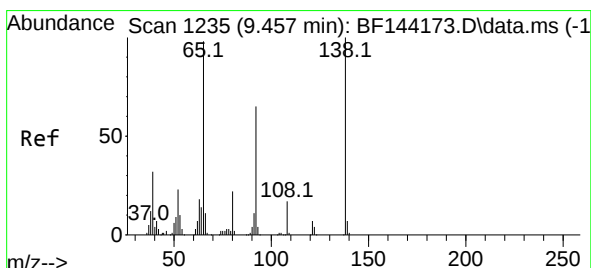
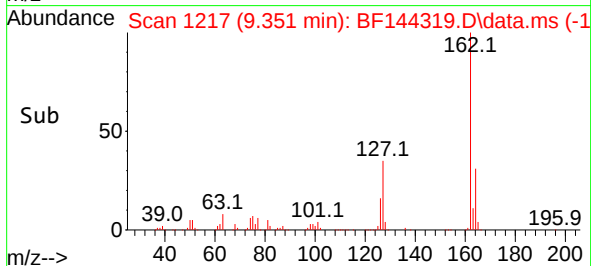
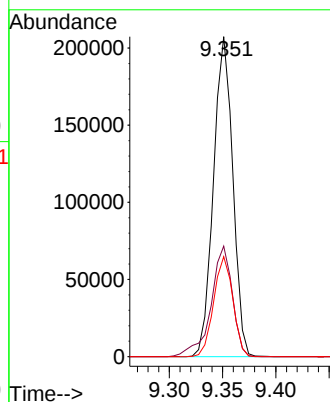
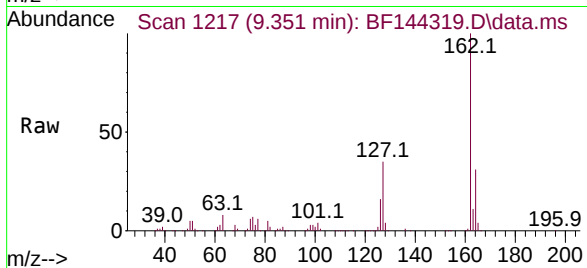
Tgt Ion:162 Resp: 261858

Ion Ratio Lower Upper

162 100

127 34.5 28.8 43.2

164 31.2 25.8 38.8



#48

2-Nitroaniline

Concen: 50.032 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

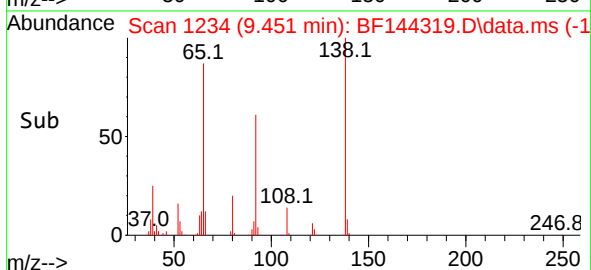
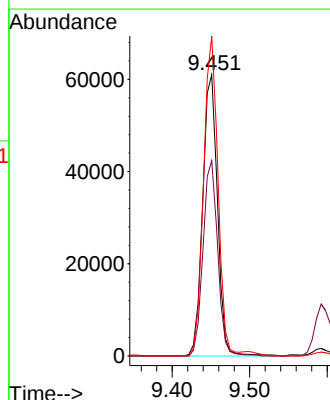
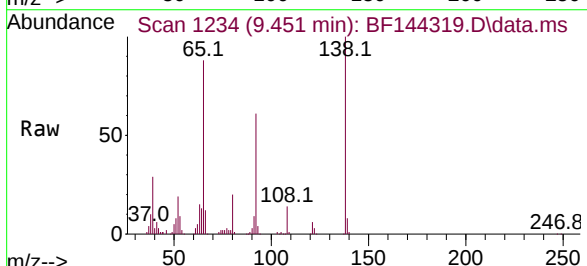
Tgt Ion: 65 Resp: 80590

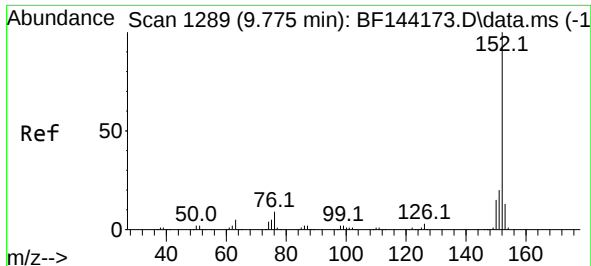
Ion Ratio Lower Upper

65 100

92 69.5 53.0 79.6

138 113.8 81.6 122.4





#49

Acenaphthylene

Concen: 52.564 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

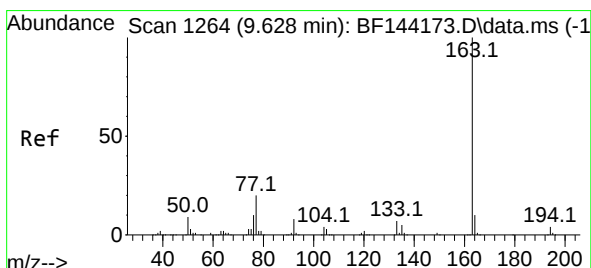
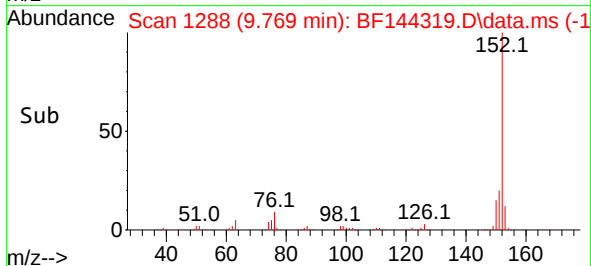
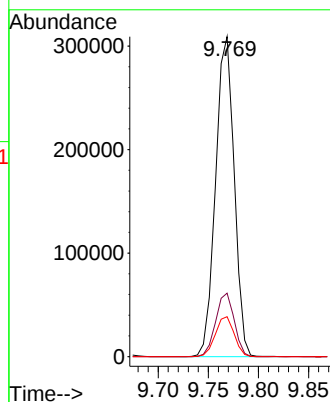
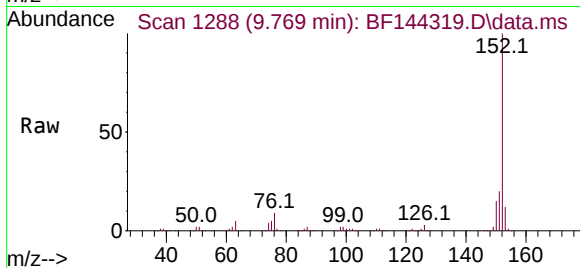
Tgt Ion:152 Resp: 399882

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 12.5 10.5 15.7



#50

Dimethylphthalate

Concen: 51.651 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

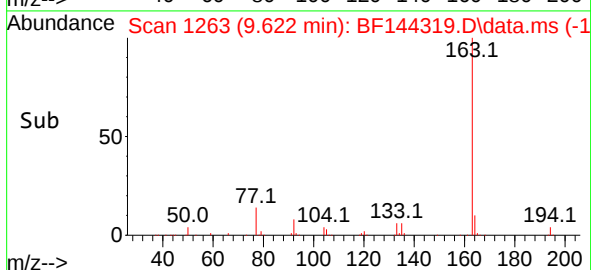
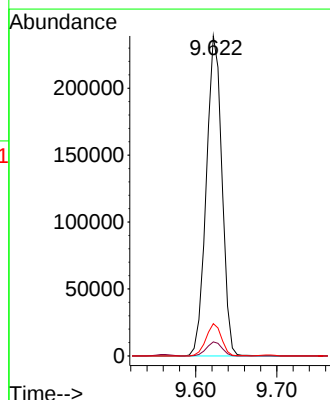
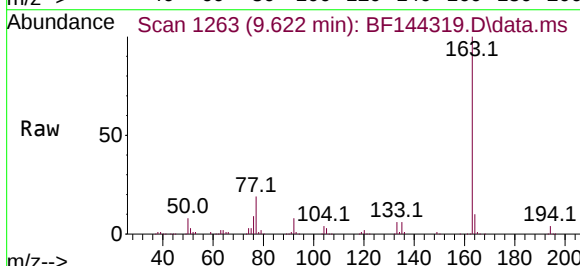
Tgt Ion:163 Resp: 320820

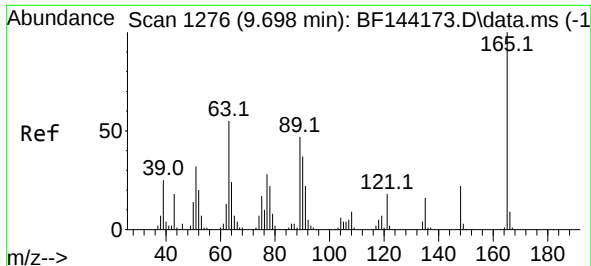
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.1 8.1 12.1

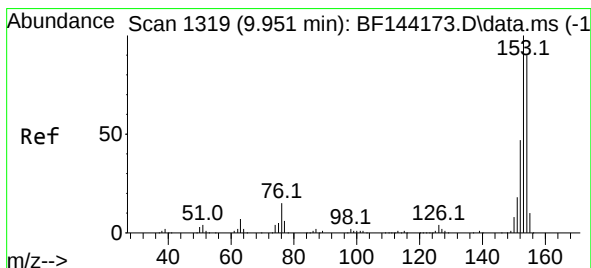
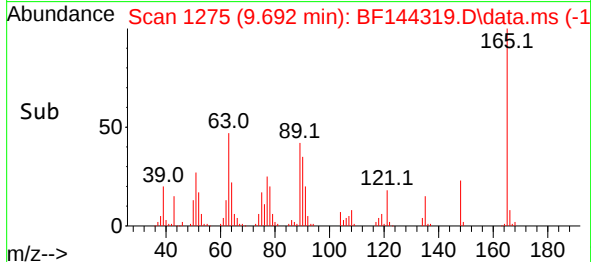
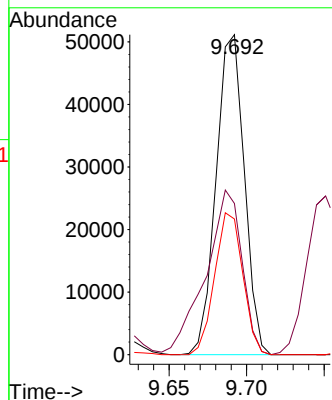
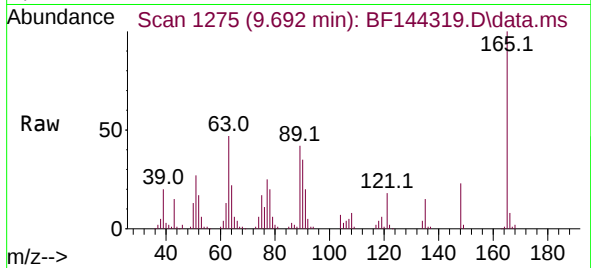




#51
2,6-Dinitrotoluene
Concen: 51.658 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

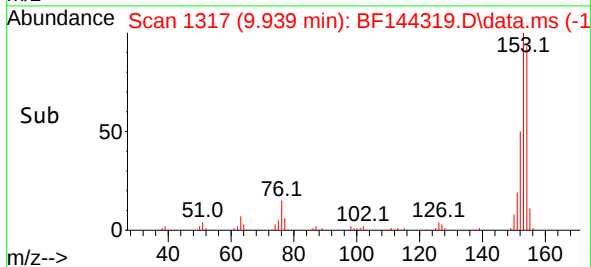
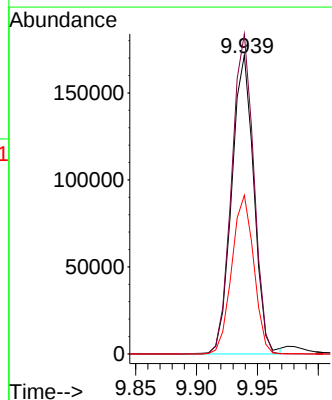
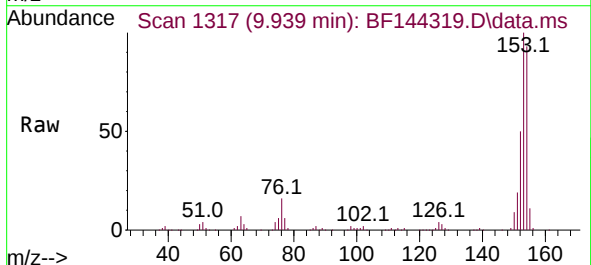
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

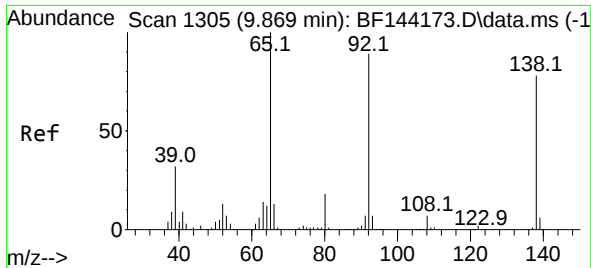
Tgt Ion:165 Resp: 64953
Ion Ratio Lower Upper
165 100
63 47.2 43.8 65.8
89 42.4 37.5 56.3



#52
Acenaphthene
Concen: 42.645 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:154 Resp: 216946
Ion Ratio Lower Upper
154 100
153 107.1 89.0 133.4
152 53.1 42.2 63.4

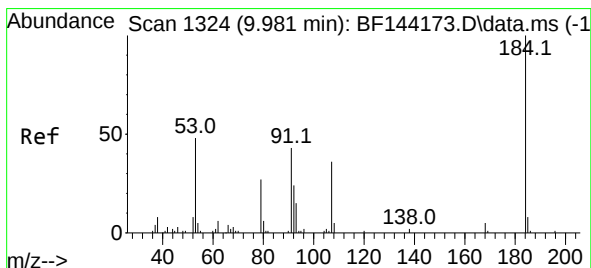
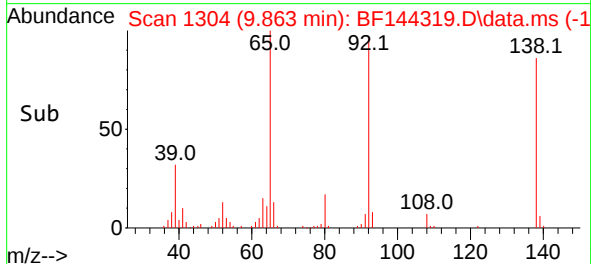
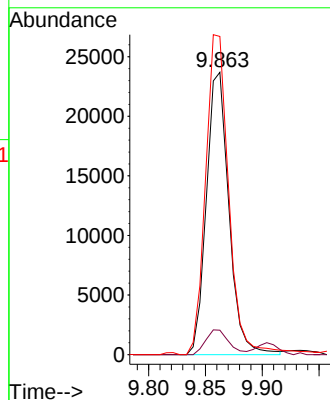
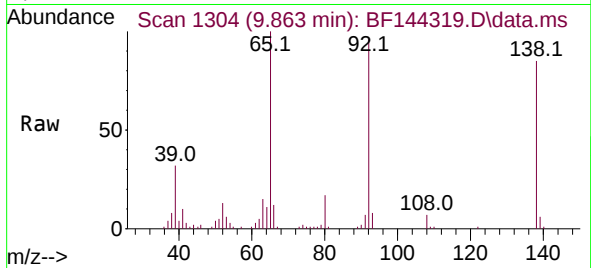




#53
3-Nitroaniline
Concen: 23.804 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

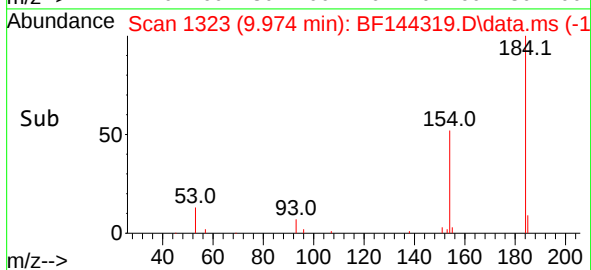
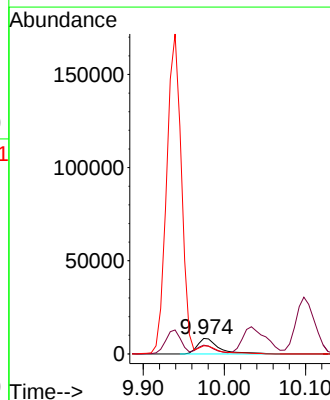
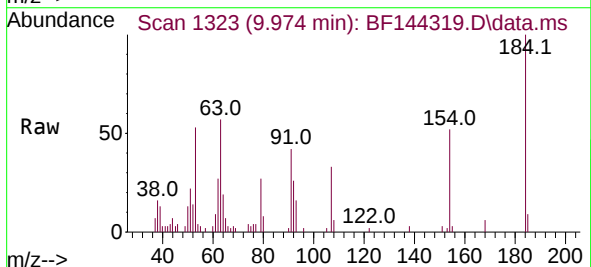
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

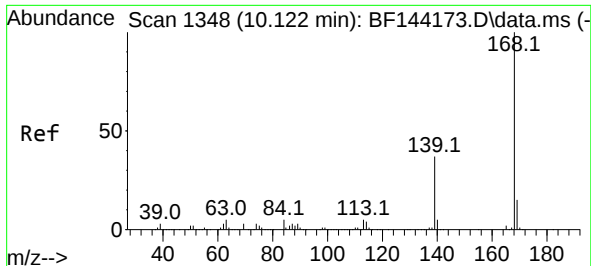
Tgt Ion:138 Resp: 32718
Ion Ratio Lower Upper
138 100
108 8.6 7.5 11.3
92 112.7 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 19.856 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:184 Resp: 15076
Ion Ratio Lower Upper
184 100
63 56.6 44.0 66.0
154 52.3 42.4 63.6

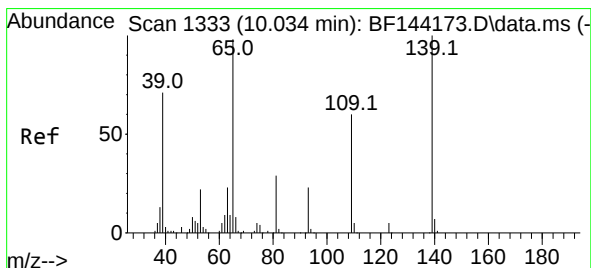
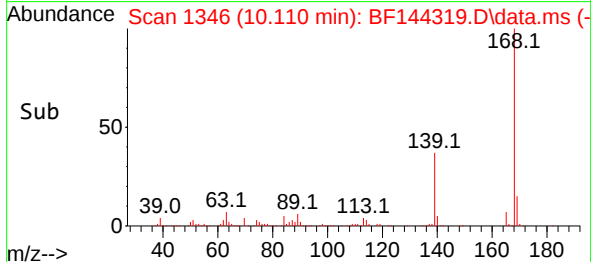
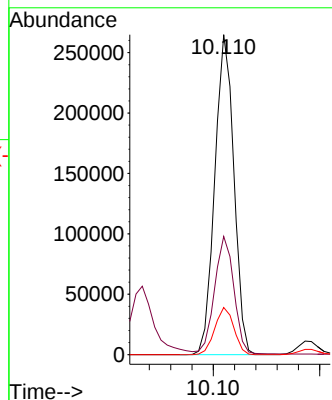
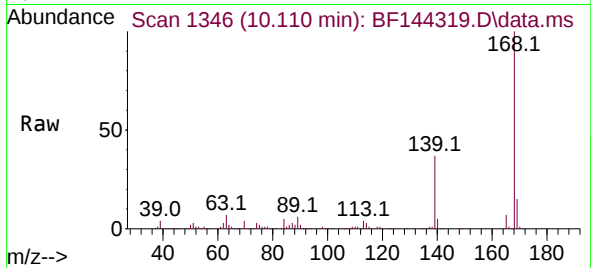




#55
Dibenzenofuran
Concen: 46.281 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

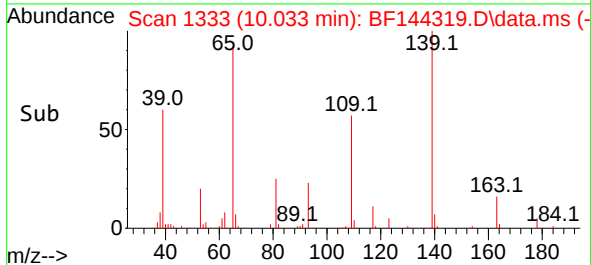
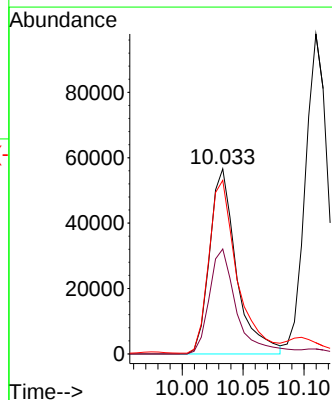
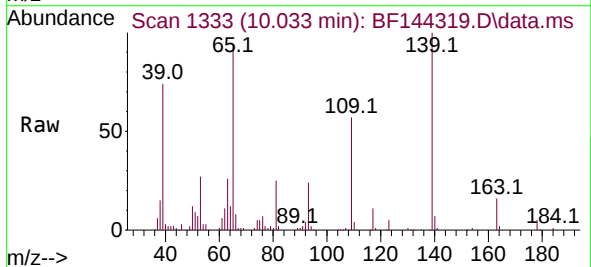
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

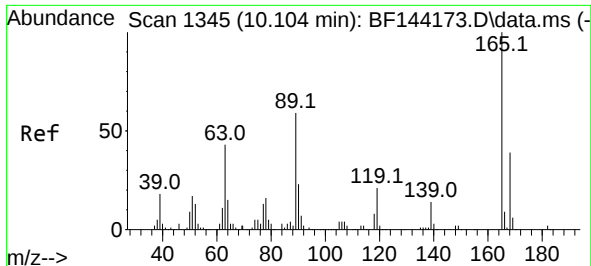
Tgt Ion:168 Resp: 329754
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 14.7 12.2 18.4



#56
4-Nitrophenol
Concen: 86.833 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:139 Resp: 86334
Ion Ratio Lower Upper
139 100
109 56.7 39.9 79.9
65 93.8 79.5 119.5

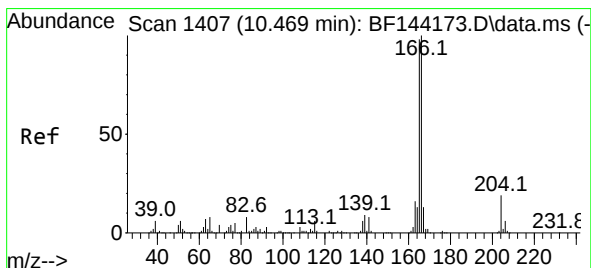
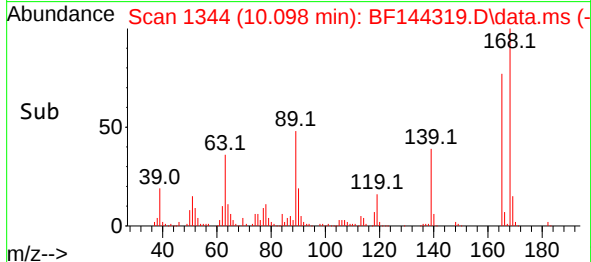
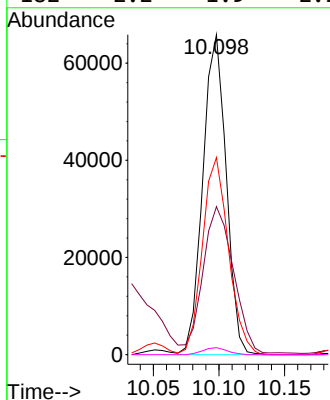
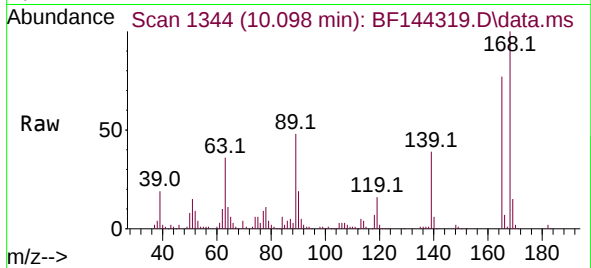




#57
2,4-Dinitrotoluene
Concen: 48.352 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

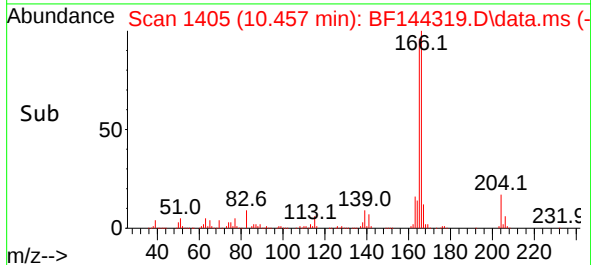
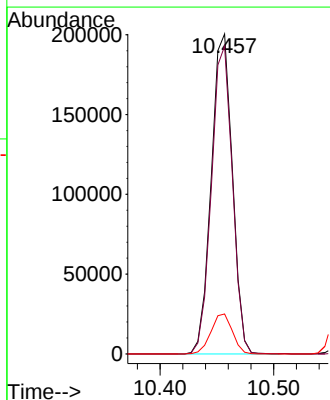
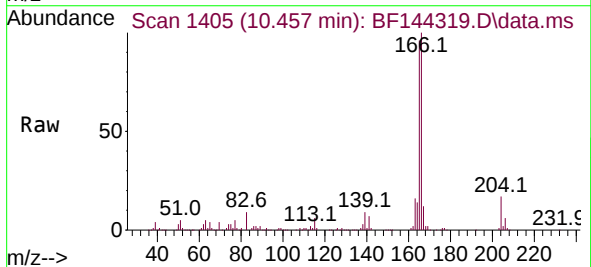
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

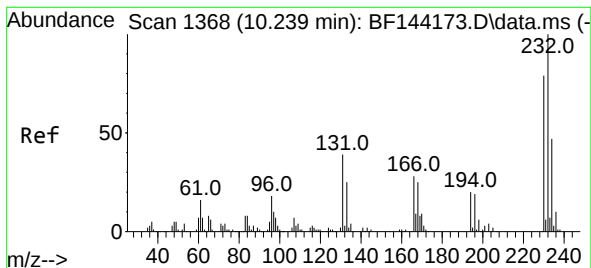
Tgt Ion:165 Resp: 81388
Ion Ratio Lower Upper
165 100
63 46.2 35.5 53.3
89 61.6 47.4 71.2
182 2.2 1.9 2.9



#58
Fluorene
Concen: 47.834 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:166 Resp: 259125
Ion Ratio Lower Upper
166 100
165 96.2 78.6 118.0
167 12.5 10.4 15.6

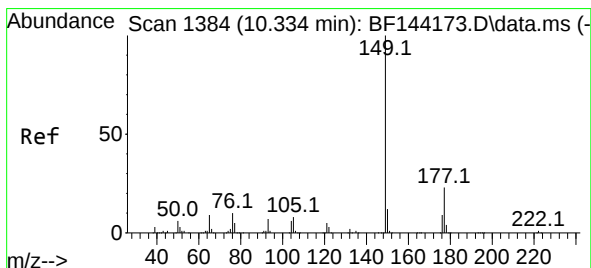
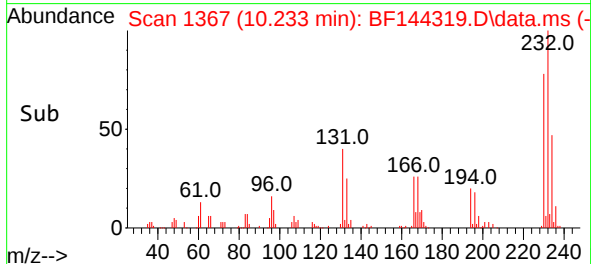
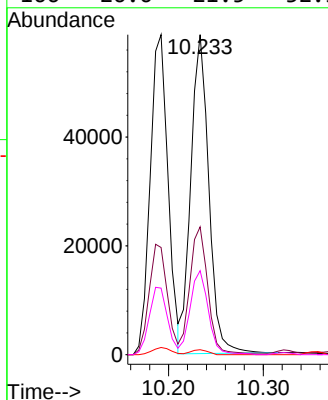
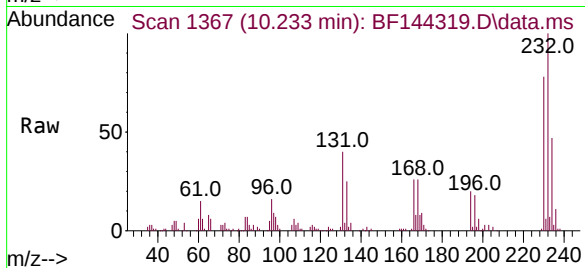




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.511 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

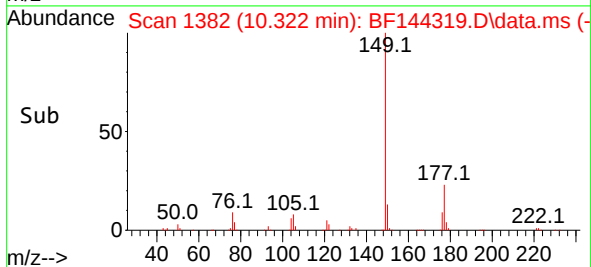
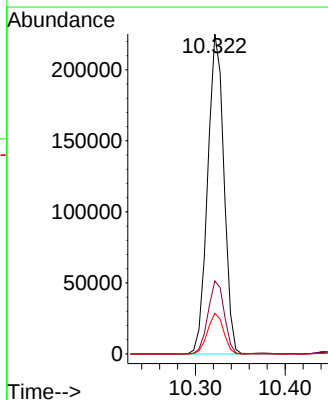
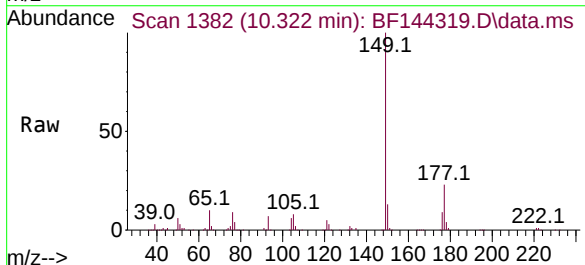
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

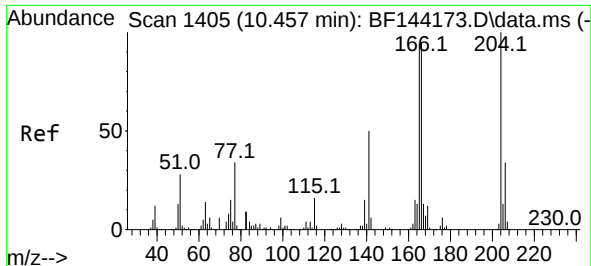
Tgt Ion:232 Resp: 77362
Ion Ratio Lower Upper
232 100
131 39.0 30.3 45.5
130 1.4 1.2 1.8
166 26.6 21.5 32.3



#60
Diethylphthalate
Concen: 49.637 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:149 Resp: 284215
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.7 9.8 14.6

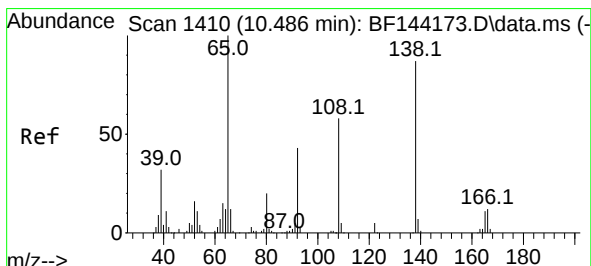
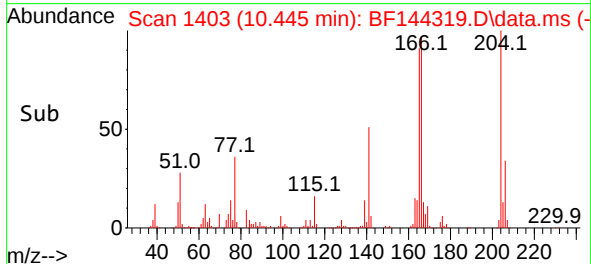
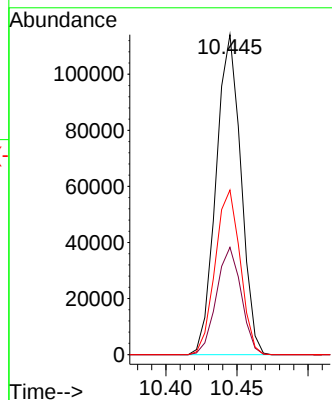
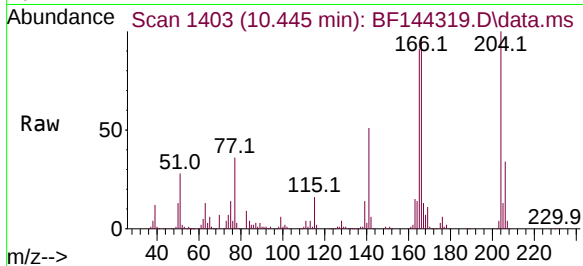




#61
4-Chlorophenyl-phenylether
Concen: 45.135 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

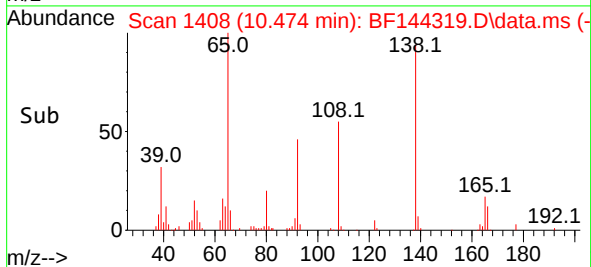
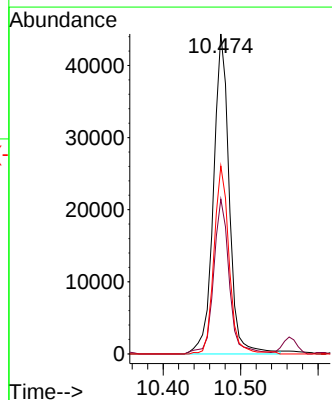
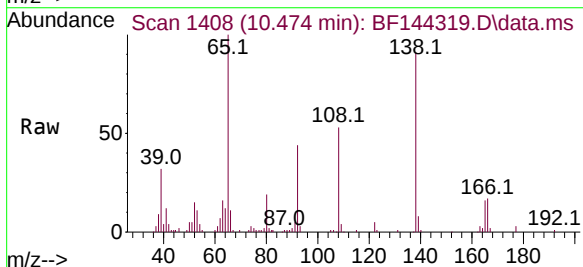
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

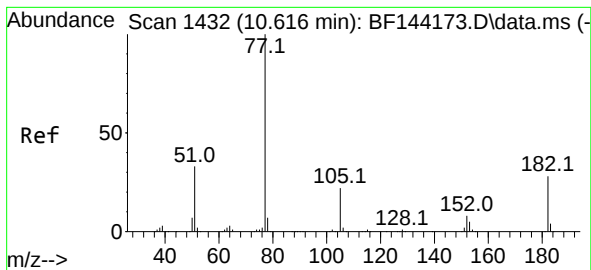
Tgt Ion:204 Resp: 139277
Ion Ratio Lower Upper
204 100
206 33.5 27.4 41.2
141 51.4 40.0 60.0



#62
4-Nitroaniline
Concen: 47.977 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:138 Resp: 62800
Ion Ratio Lower Upper
138 100
92 48.4 29.4 69.4
108 58.7 46.4 86.4





#63

Azobenzene

Concen: 47.898 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

Tgt Ion: 77 Resp: 255243

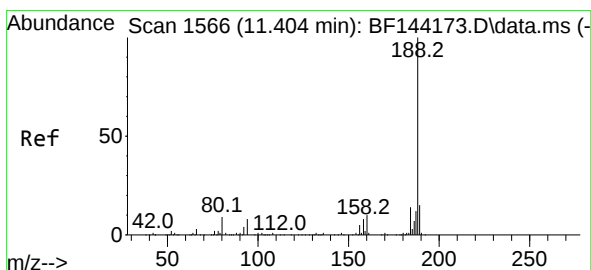
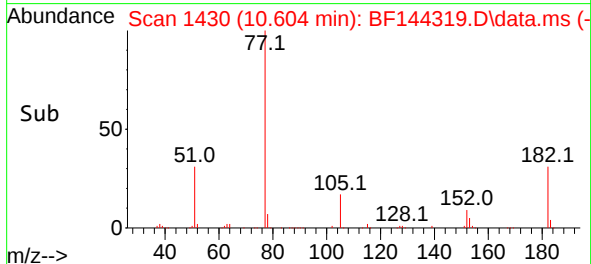
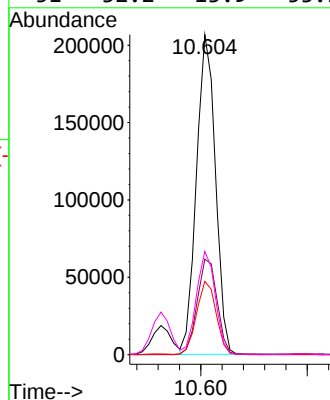
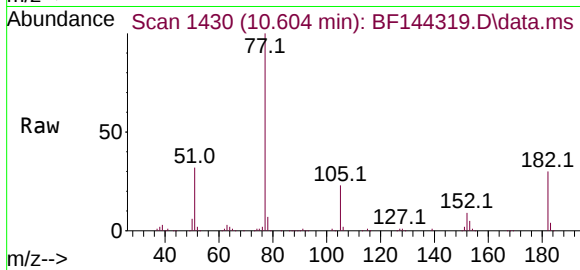
Ion Ratio Lower Upper

77 100

182 29.8 8.1 48.1

105 22.9 2.0 42.0

51 32.2 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

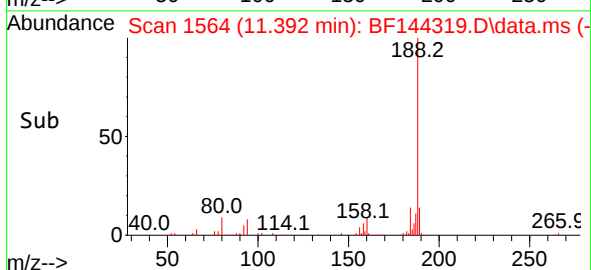
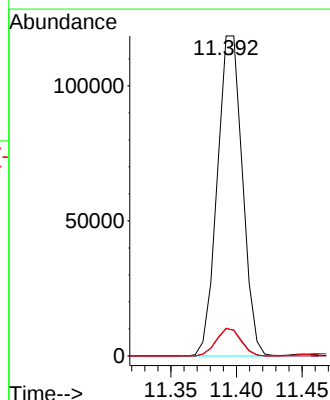
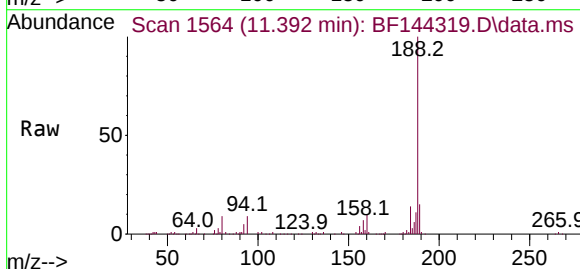
Tgt Ion:188 Resp: 158644

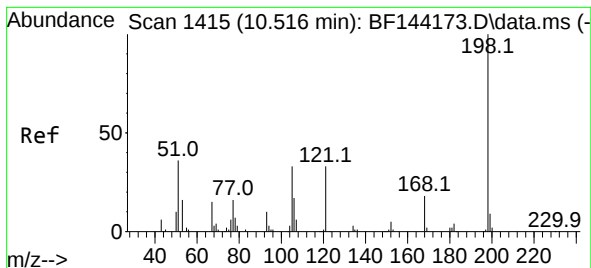
Ion Ratio Lower Upper

188 100

94 8.5 6.2 9.2

80 8.7 6.9 10.3

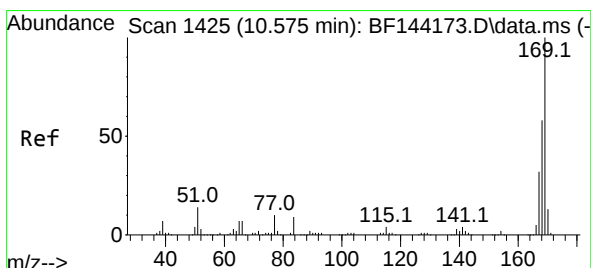
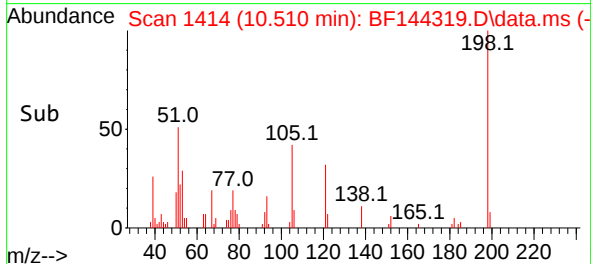
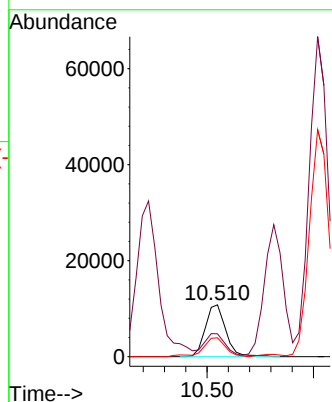
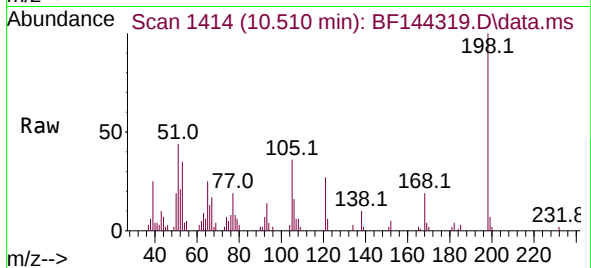




#65
4,6-Dinitro-2-methylphenol
Concen: 13.243 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

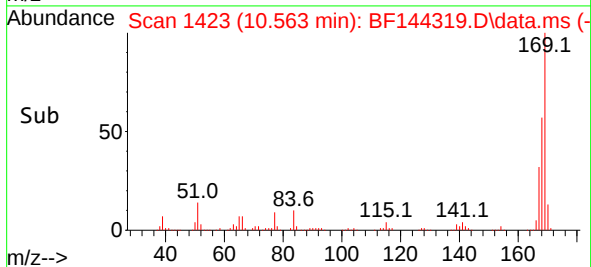
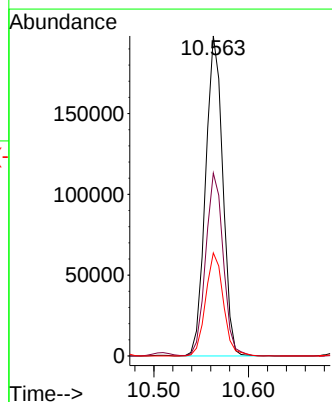
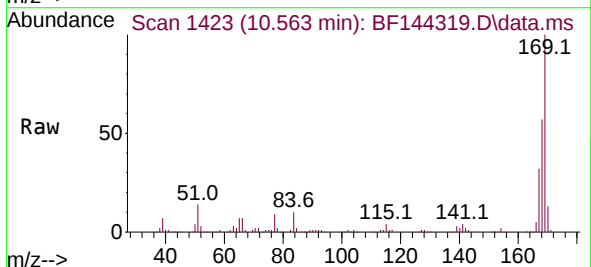
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

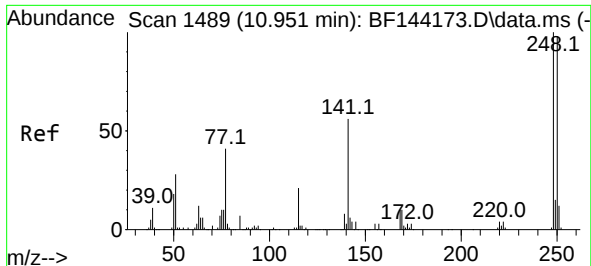
Tgt Ion:198 Resp: 14272
Ion Ratio Lower Upper
198 100
51 44.0 25.6 65.6
105 36.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 48.971 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:169 Resp: 249870
Ion Ratio Lower Upper
169 100
168 57.1 46.2 69.2
167 32.2 25.7 38.5

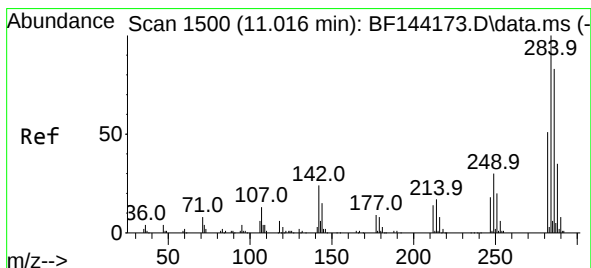
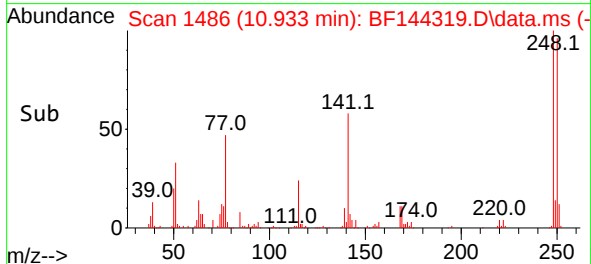
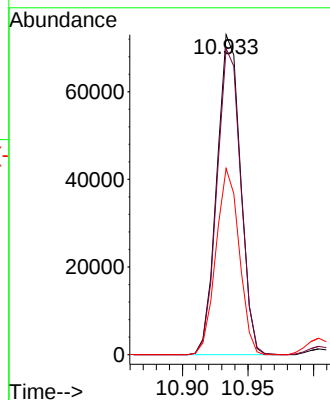
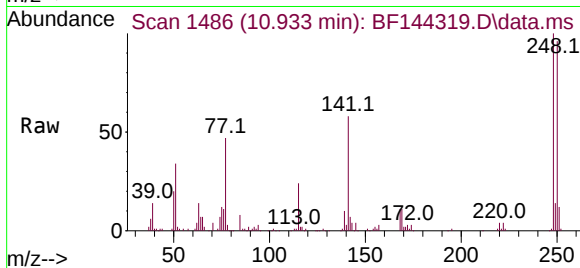




#67
4-Bromophenyl-phenylether
Concen: 45.284 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

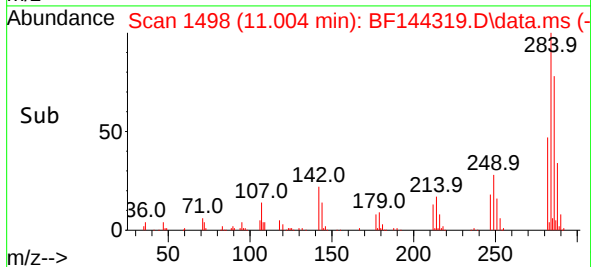
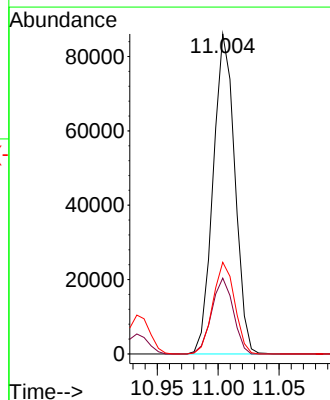
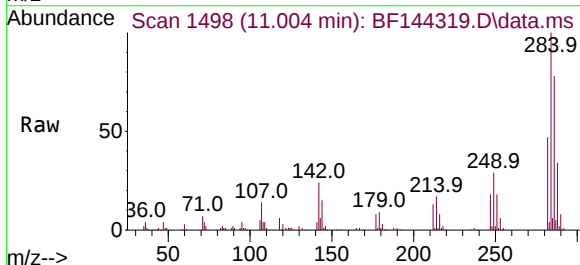
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

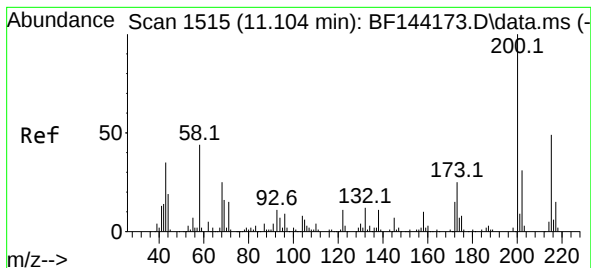
Tgt Ion:248 Resp: 91698
Ion Ratio Lower Upper
248 100
250 95.7 78.4 117.6
141 58.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 44.684 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:284 Resp: 106577
Ion Ratio Lower Upper
284 100
142 23.7 19.2 28.8
249 28.6 23.8 35.8





#69

Atrazine

Concen: 47.486 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

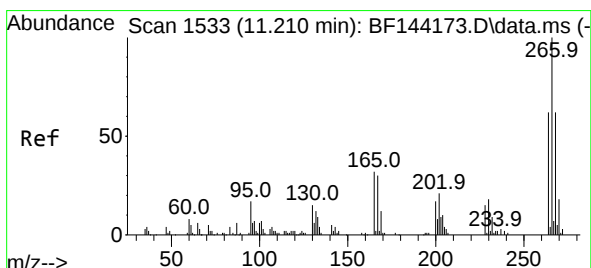
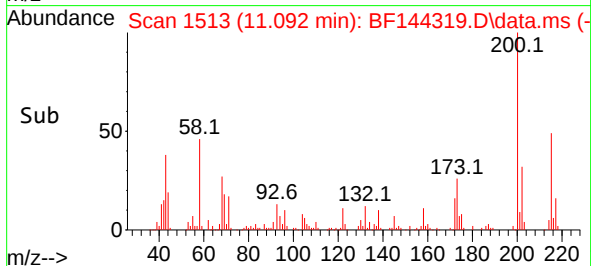
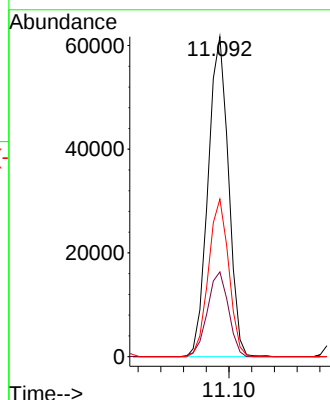
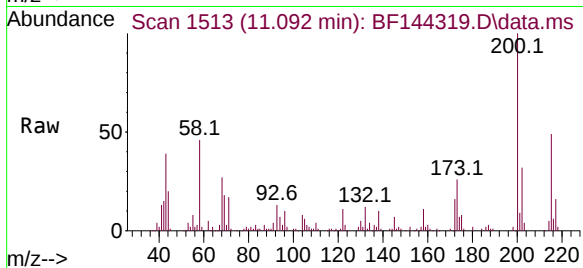
Tgt Ion:200 Resp: 77054

Ion Ratio Lower Upper

200 100

173 26.5 5.0 45.0

215 49.2 28.7 68.7



#70

Pentachlorophenol

Concen: 99.782 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

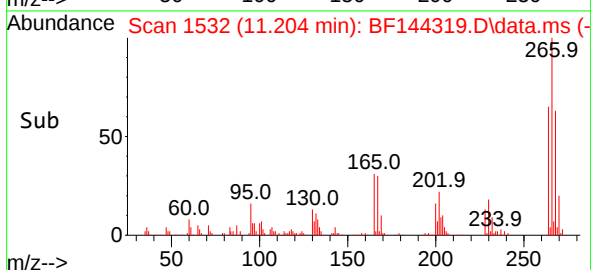
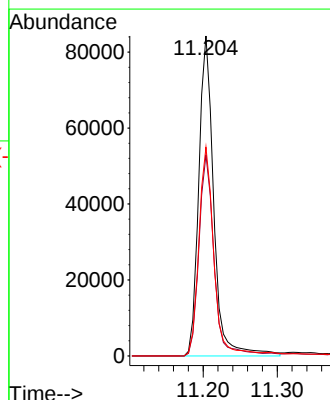
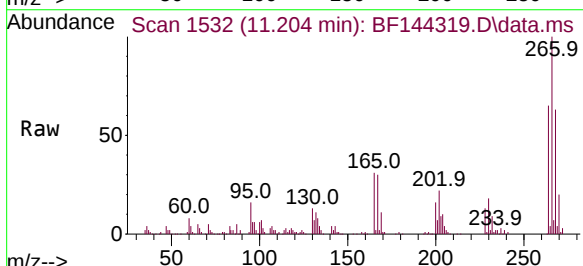
Tgt Ion:266 Resp: 118511

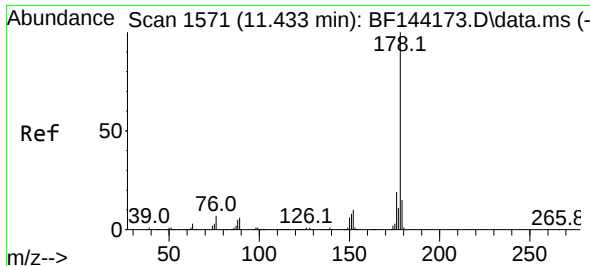
Ion Ratio Lower Upper

266 100

268 62.8 49.5 74.3

264 65.2 49.4 74.2

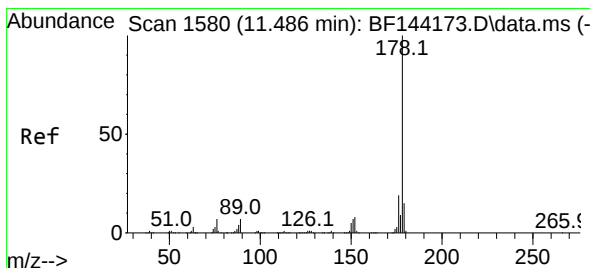
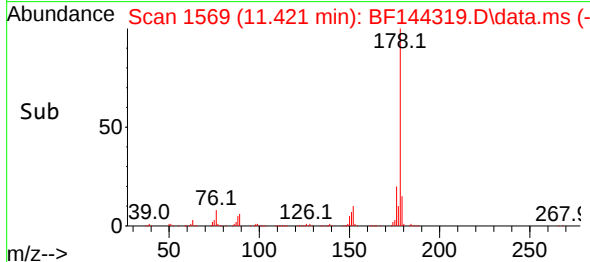
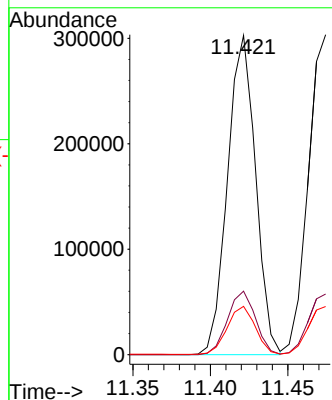
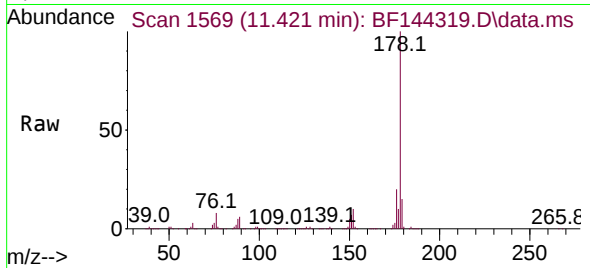




#71
Phenanthrene
Concen: 48.211 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

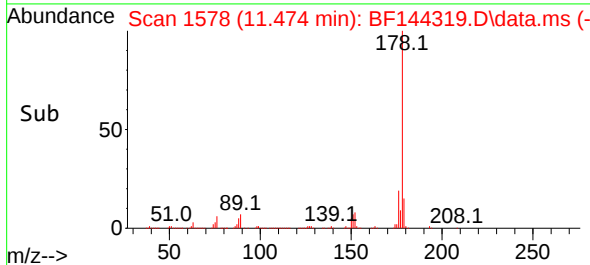
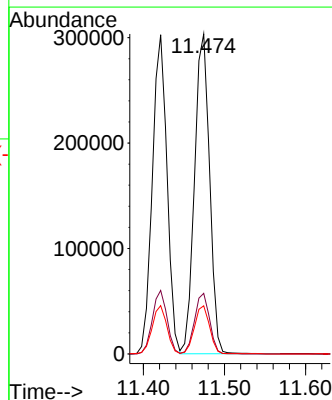
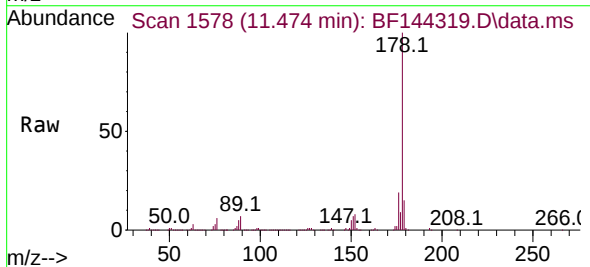
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

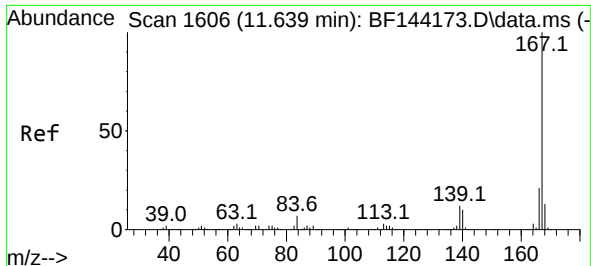
Tgt Ion:178 Resp: 380800
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.1 12.2 18.4



#72
Anthracene
Concen: 48.440 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:178 Resp: 389047
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.0 12.0 18.0

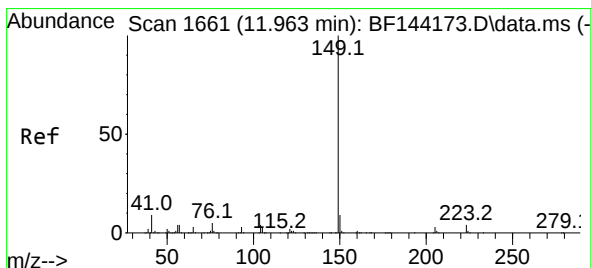
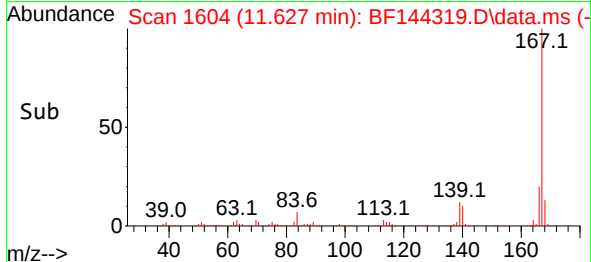
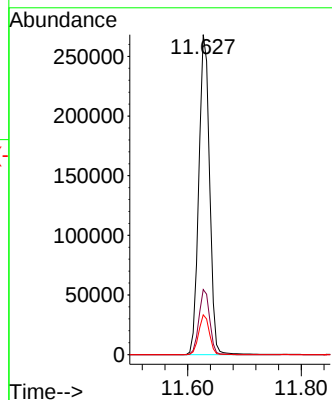
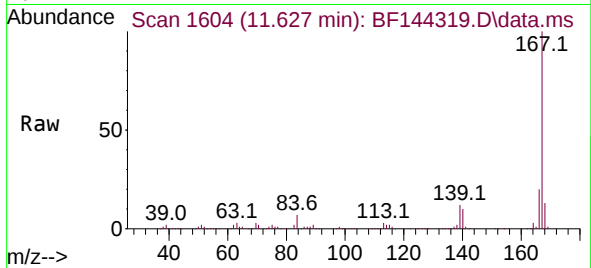




#73
 Carbazole
 Concen: 51.405 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144319.D
 Acq: 21 Nov 2025 20:49

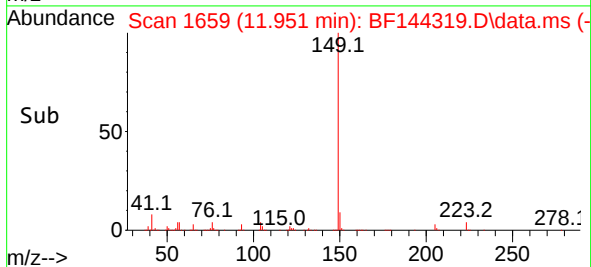
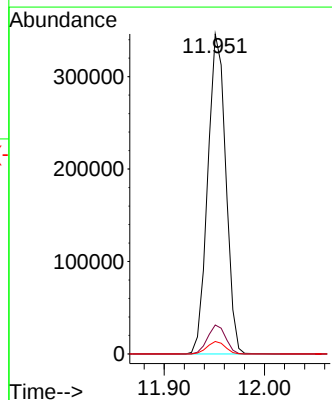
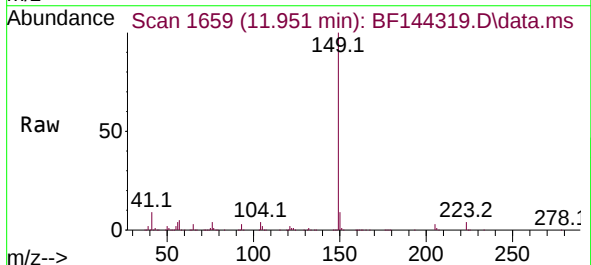
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMSD

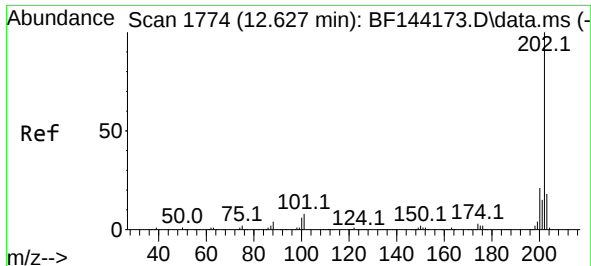
Tgt Ion:167 Resp: 351075
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.2 25.8
 139 12.4 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 52.317 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144319.D
 Acq: 21 Nov 2025 20:49

Tgt Ion:149 Resp: 431935
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 3.9 3.4 5.2

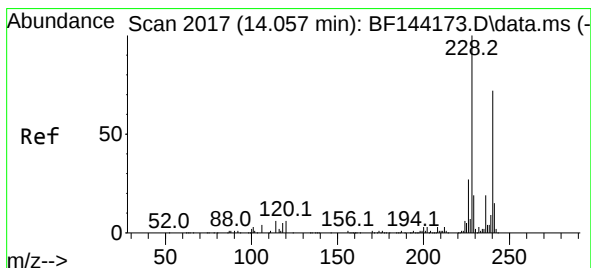
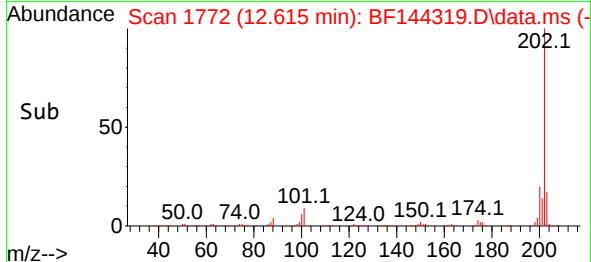
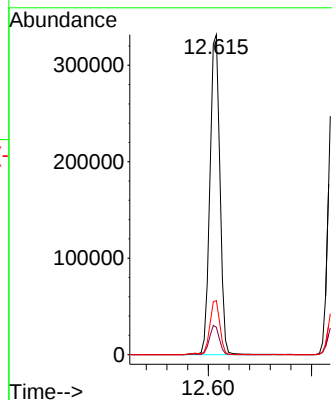
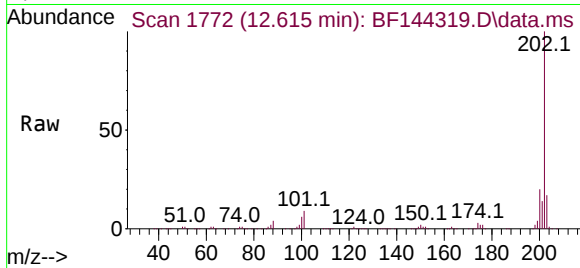




#75
Fluoranthene
Concen: 54.381 ng
RT: 12.615 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

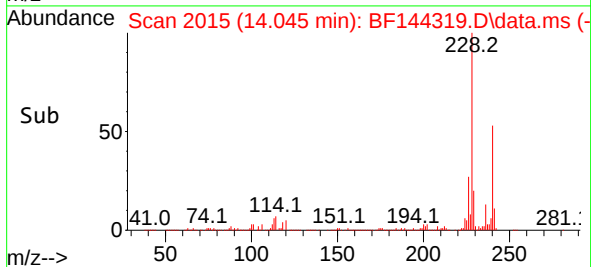
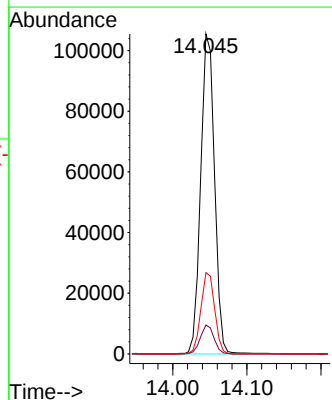
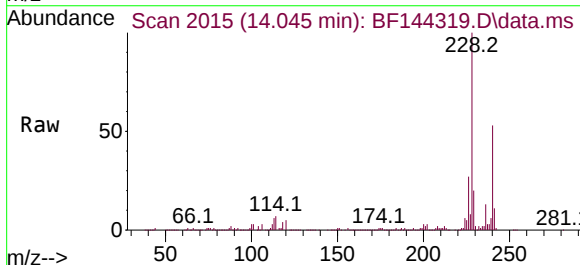
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

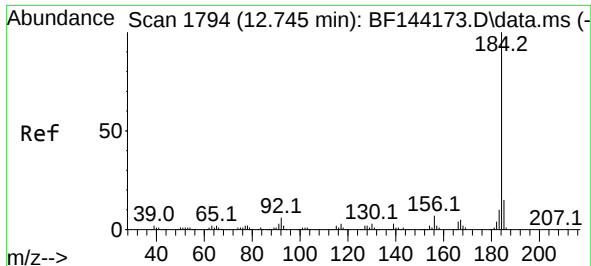
Tgt Ion:202 Resp: 443713
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.9
203 16.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:240 Resp: 136882
Ion Ratio Lower Upper
240 100
120 9.0 6.6 10.0
236 25.4 21.4 32.2

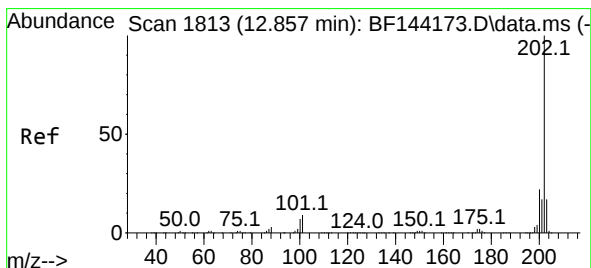
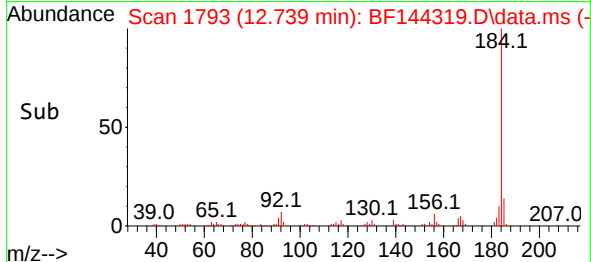
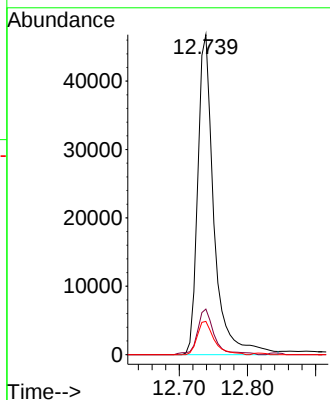
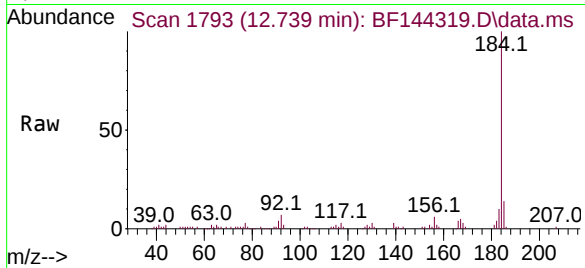




#77
Benzidine
Concen: 19.066 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

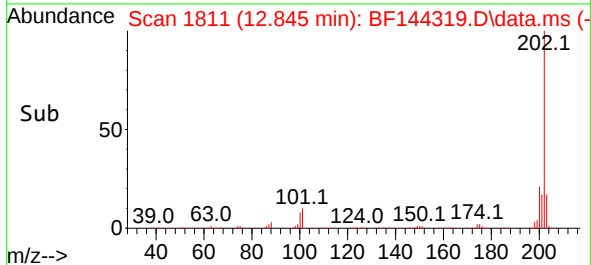
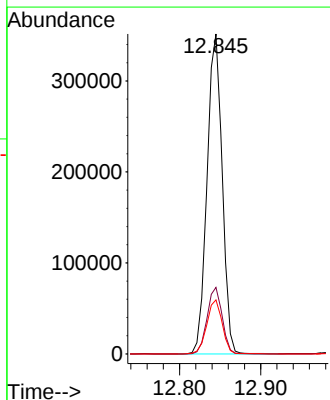
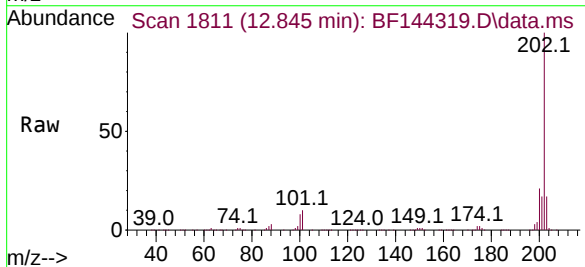
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

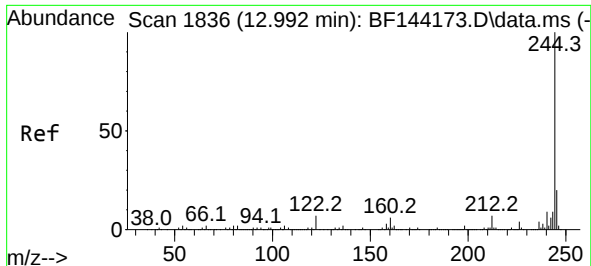
Tgt Ion:184 Resp: 77197
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.4 8.3 12.5



#78
Pyrene
Concen: 41.351 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:202 Resp: 456372
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 16.9 13.7 20.5

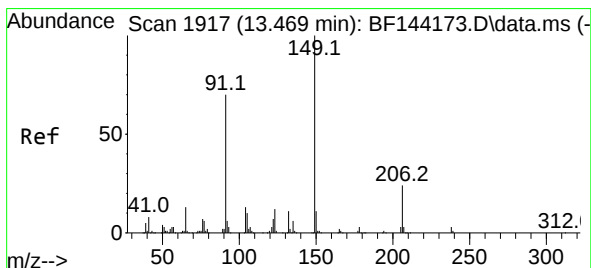
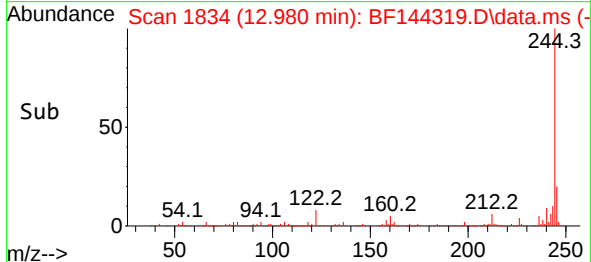
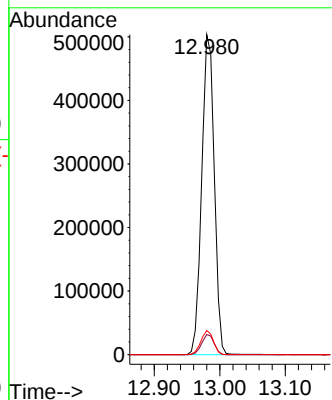
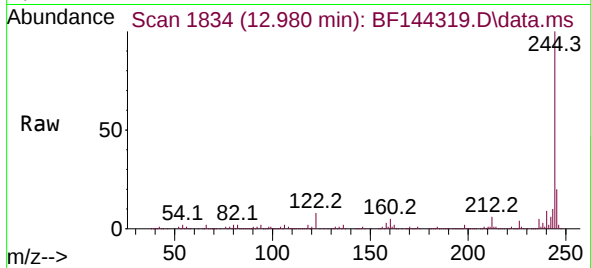




#79
 Terphenyl-d14
 Concen: 77.108 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144319.D
 Acq: 21 Nov 2025 20:49

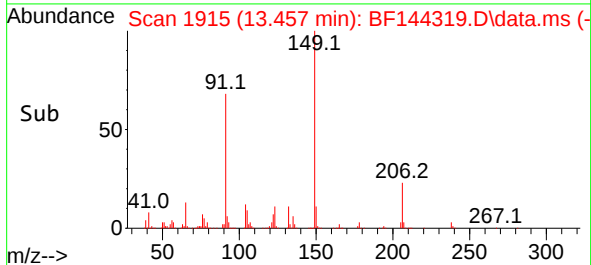
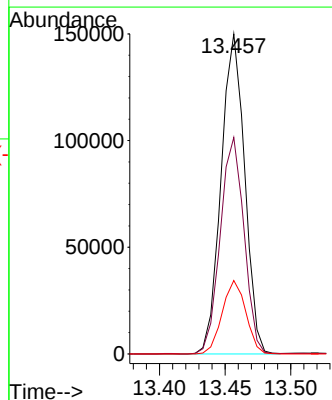
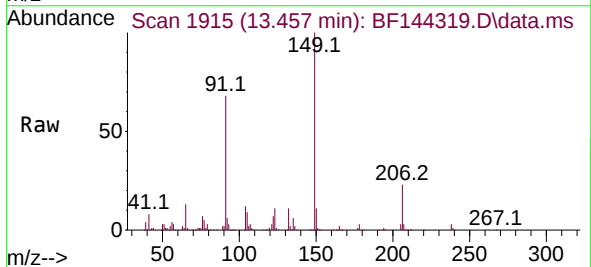
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMSD

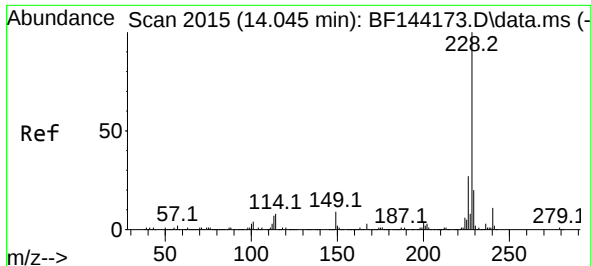
Tgt Ion:244 Resp: 664480
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.5 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 49.070 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144319.D
 Acq: 21 Nov 2025 20:49

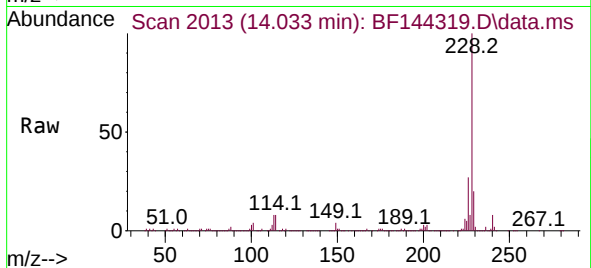
Tgt Ion:149 Resp: 187701
 Ion Ratio Lower Upper
 149 100
 91 67.6 56.1 84.1
 206 22.9 18.8 28.2



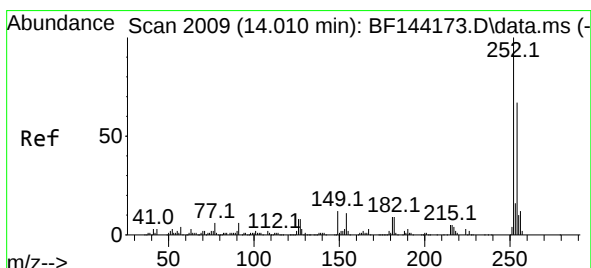
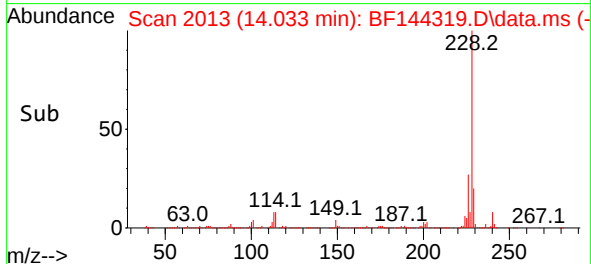
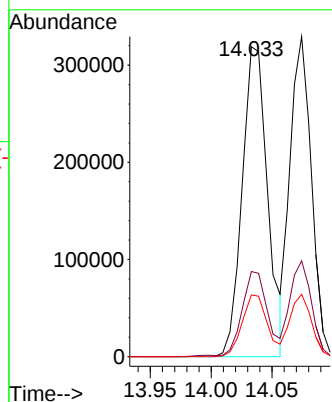


#81
Benzo(a)anthracene
Concen: 48.922 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

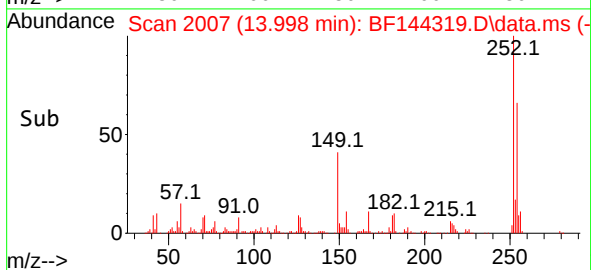
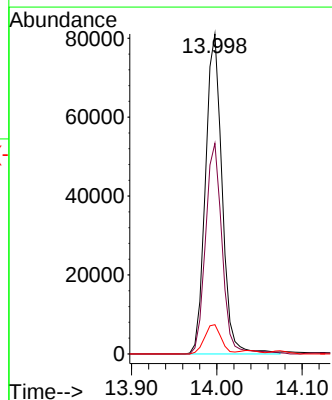
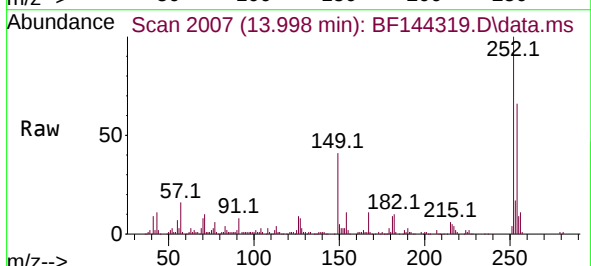


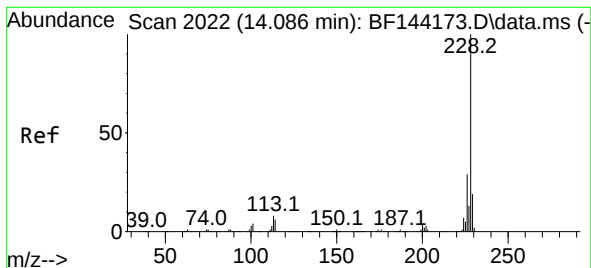
Tgt Ion:228 Resp: 464119
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 33.768 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:252 Resp: 109809
Ion Ratio Lower Upper
252 100
254 65.8 53.5 80.3
126 9.1 6.4 9.6





#83

Chrysene

Concen: 46.145 ng

RT: 14.074 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

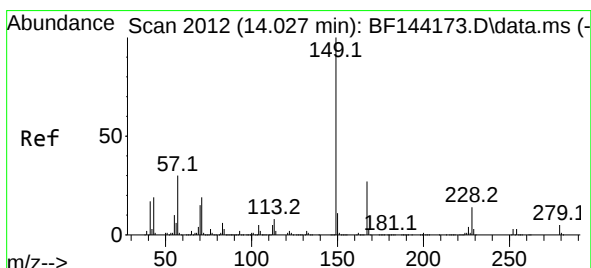
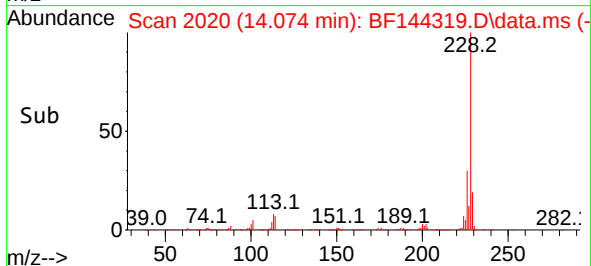
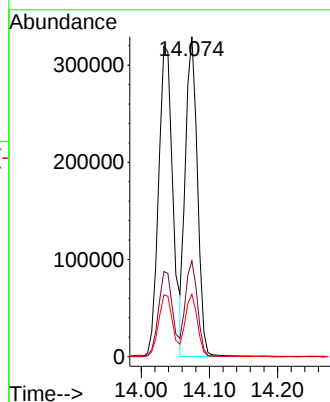
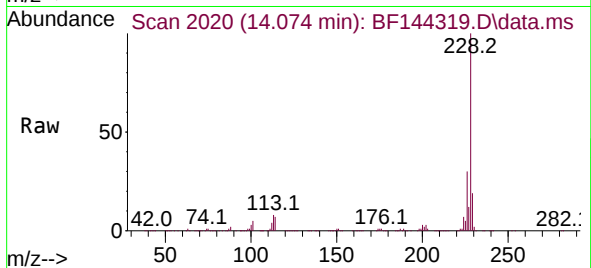
Tgt Ion:228 Resp: 404122

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.998 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

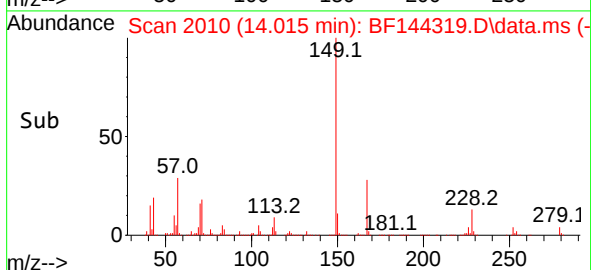
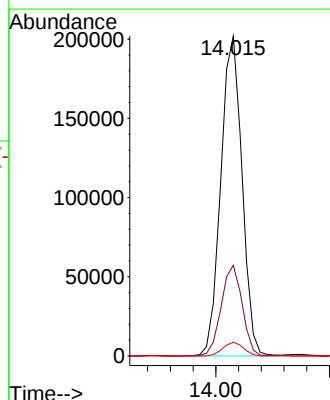
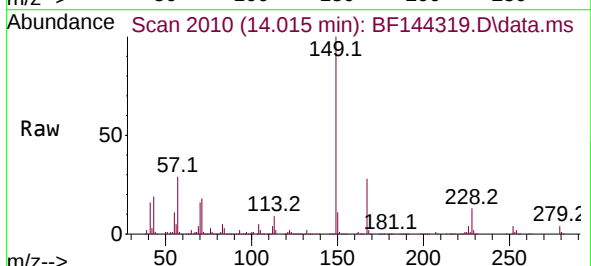
Tgt Ion:149 Resp: 261813

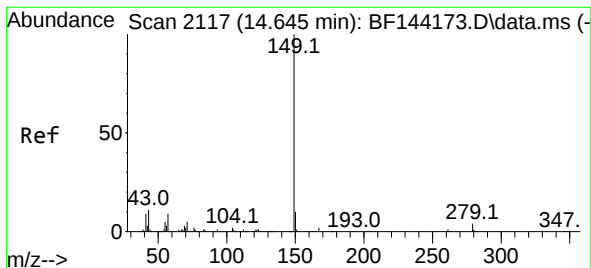
Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

279 4.3 3.7 5.5

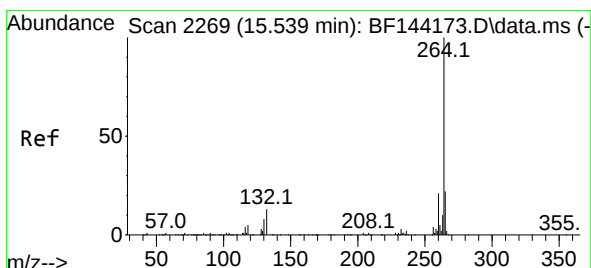
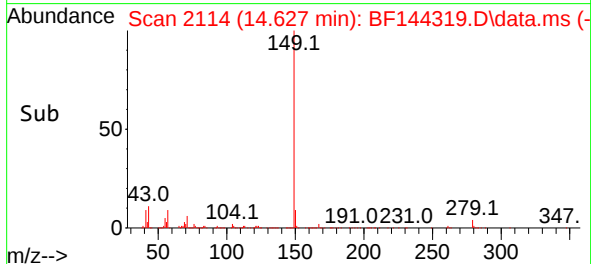
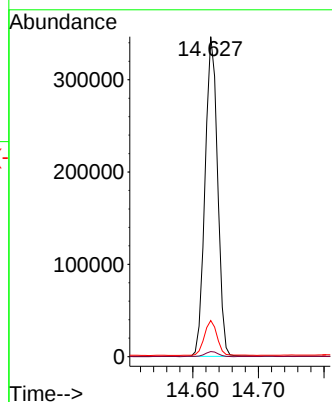
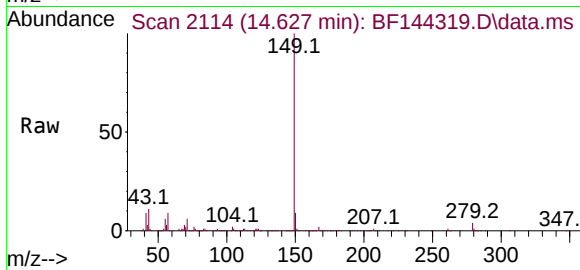




#85
Di-n-octyl phthalate
Concen: 50.658 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

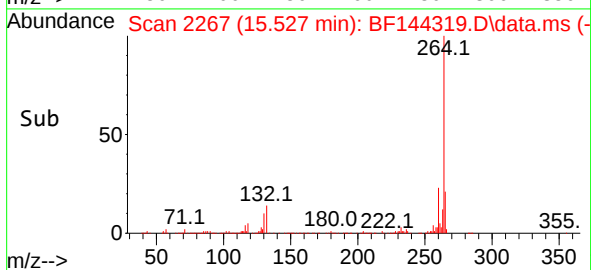
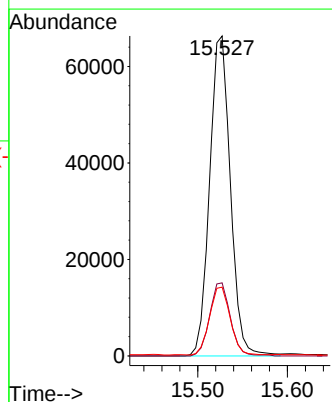
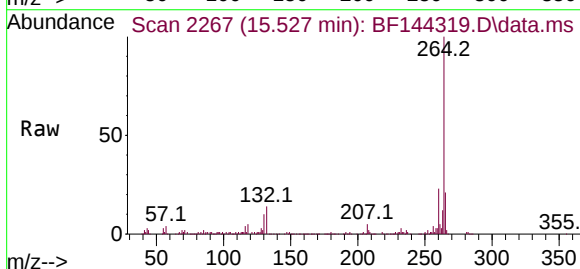
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONEMSD

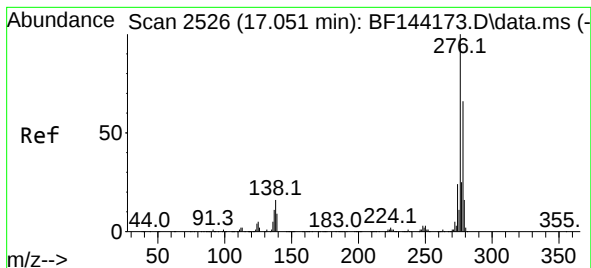
Tgt Ion:149 Resp: 457677
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144319.D
Acq: 21 Nov 2025 20:49

Tgt Ion:264 Resp: 106667
Ion Ratio Lower Upper
264 100
260 22.8 17.1 25.7
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.854 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

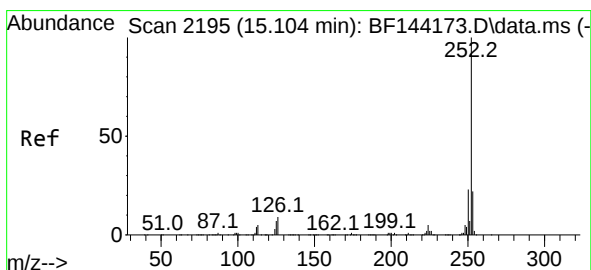
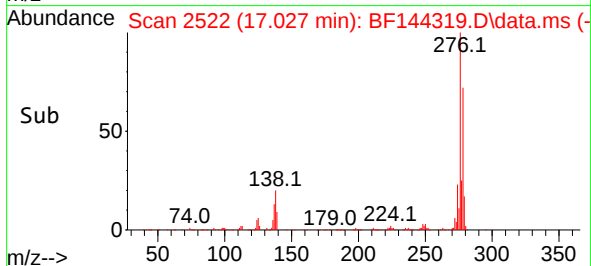
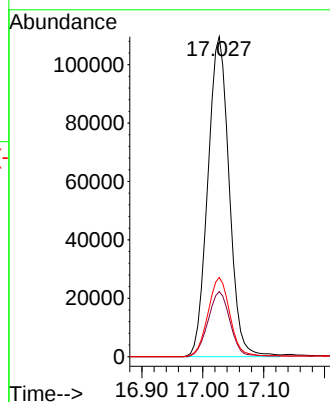
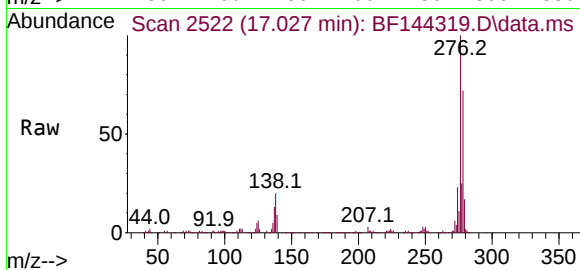
Tgt Ion:276 Resp: 266878

Ion Ratio Lower Upper

276 100

138 21.0 13.9 20.9#

277 25.4 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 65.126 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

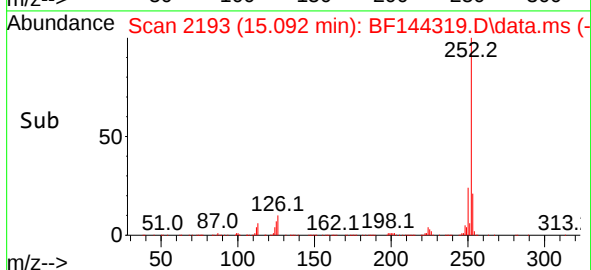
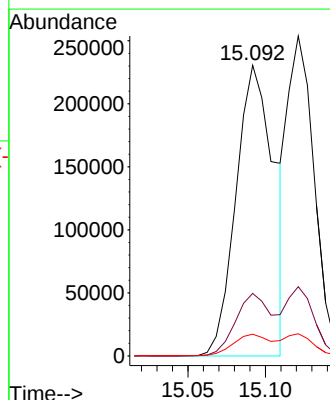
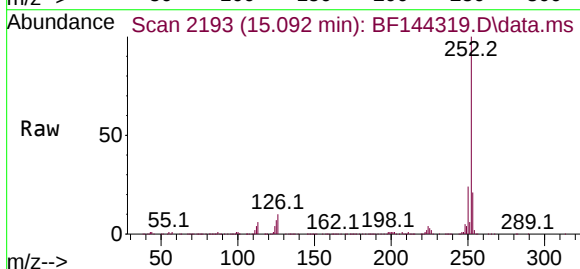
Tgt Ion:252 Resp: 394937

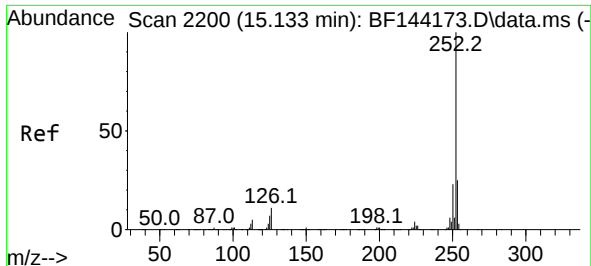
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 7.5 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 53.577 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

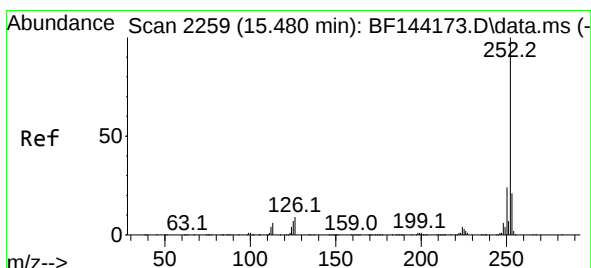
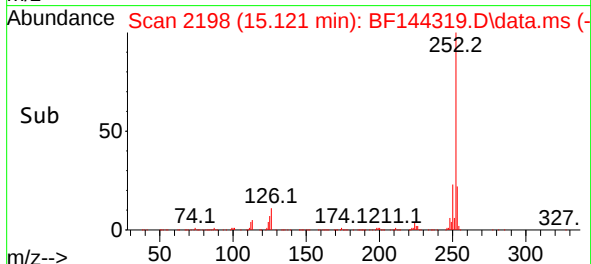
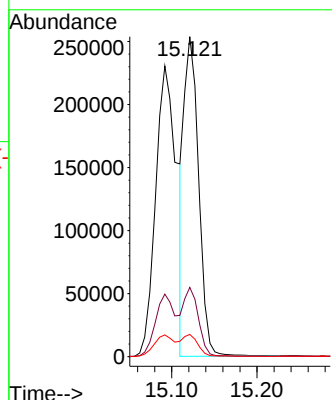
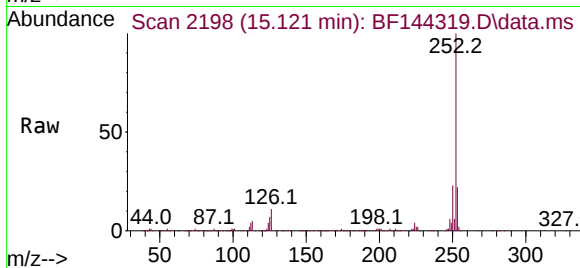
Tgt Ion:252 Resp: 304111

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 6.9 5.4 8.2



#90

Benzo(a)pyrene

Concen: 52.818 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

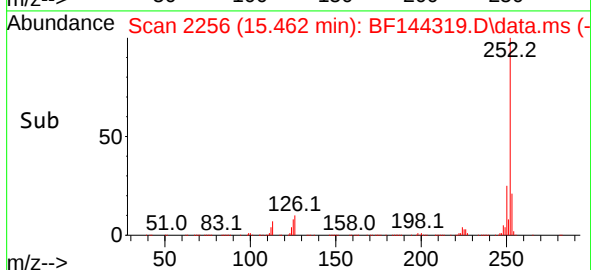
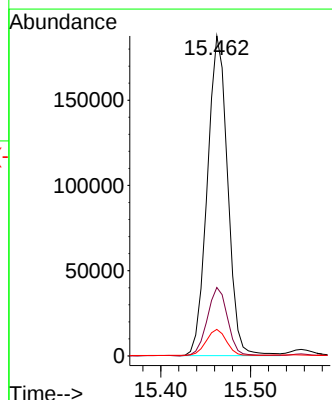
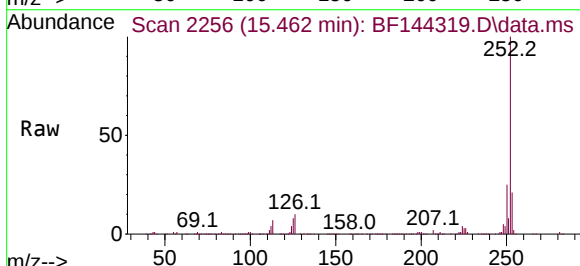
Tgt Ion:252 Resp: 295490

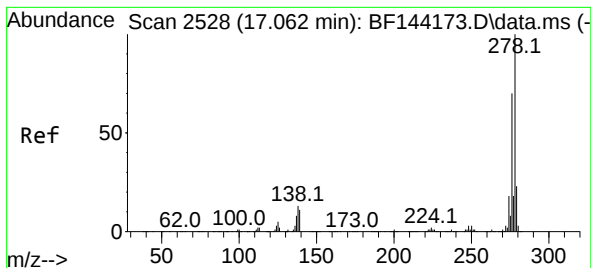
Ion Ratio Lower Upper

252 100

253 21.4 16.7 25.1

125 8.3 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 36.285 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONEMSD

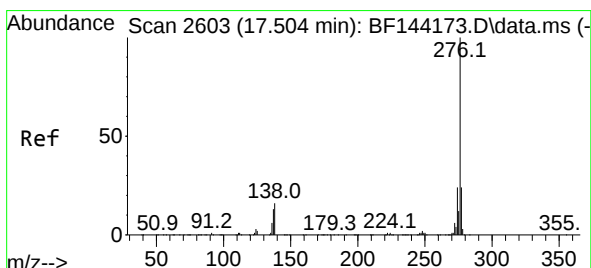
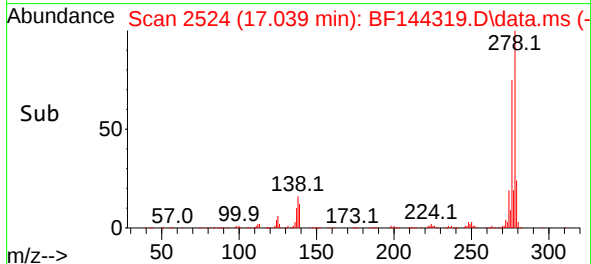
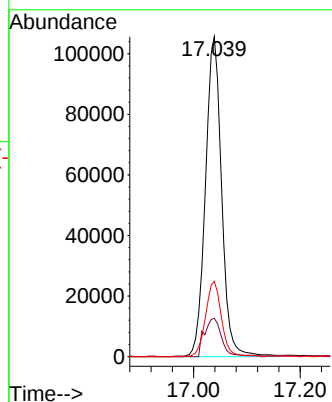
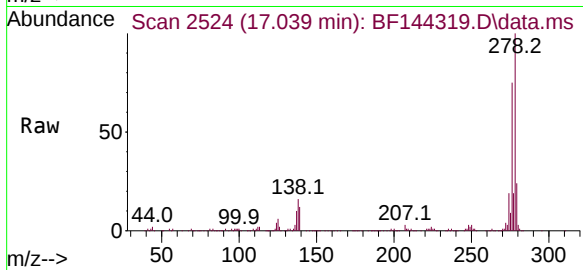
Tgt Ion:278 Resp: 223130

Ion Ratio Lower Upper

278 100

139 12.0 9.1 13.7

279 23.5 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 34.778 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144319.D

Acq: 21 Nov 2025 20:49

Tgt Ion:276 Resp: 211193

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 18.6 12.9 19.3

