

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
 Data File : BF143589.D
 Acq On : 26 Aug 2025 11:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 26 16:13:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 14:38:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157333	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	591271	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	318528	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	479444	20.000	ng	0.00
76) Chrysene-d12	14.051	240	273832	20.000	ng	0.00
86) Perylene-d12	15.527	264	334519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	724943	78.422	ng	0.00
7) Phenol-d6	6.510	99	894793	78.152	ng	0.00
23) Nitrobenzene-d5	7.457	82	692865	83.669	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	205843	82.636	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1426761	76.584	ng	0.00
79) Terphenyl-d14	12.998	244	1143550	74.939	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	179595	39.712	ng	100
3) Pyridine	3.440	79	473218	41.671	ng	100
4) n-Nitrosodimethylamine	3.393	42	218791	40.488	ng	100
6) Aniline	6.557	93	623194	38.989	ng	100
8) 2-Chlorophenol	6.675	128	389729	39.849	ng	100
9) Benzaldehyde	6.445	77	380288	44.142	ng	100
10) Phenol	6.528	94	526803	41.023	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	381086	38.728	ng	100
12) 1,3-Dichlorobenzene	6.834	146	433636	38.600	ng	100
13) 1,4-Dichlorobenzene	6.910	146	440618	38.897	ng	100
14) 1,2-Dichlorobenzene	7.063	146	412999	38.437	ng	100
15) Benzyl Alcohol	7.028	79	342223	39.883	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	699533	38.514	ng	100
17) 2-Methylphenol	7.133	107	324534	39.088	ng	100
18) Hexachloroethane	7.410	117	144818	40.234	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	275538	37.988	ng	100
20) 3+4-Methylphenols	7.292	107	405303	39.746	ng	100
22) Acetophenone	7.304	105	516387	38.780	ng	100
24) Nitrobenzene	7.475	77	389907	43.918	ng	100
25) Isophorone	7.716	82	762668	39.355	ng	100
26) 2-Nitrophenol	7.792	139	135383	39.642	ng	100
27) 2,4-Dimethylphenol	7.822	122	337446	40.021	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	455240	38.827	ng	100
29) 2,4-Dichlorophenol	8.028	162	335894	41.347	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	336080	39.622	ng	100
31) Naphthalene	8.198	128	1109088	38.824	ng	100
32) Benzoic acid	7.922	122	148491	37.681	ng	100
33) 4-Chloroaniline	8.239	127	399603	39.595	ng	100
34) Hexachlorobutadiene	8.316	225	209059	39.114	ng	100
35) Caprolactam	8.616	113	92543	40.097	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	340489	40.089	ng	100
37) 2-Methylnaphthalene	8.886	142	727785	38.577	ng	100
38) 1-Methylnaphthalene	8.986	142	708381	38.906	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	324978	39.224	ng	100
41) Hexachlorocyclopentadiene	9.039	237	167983	41.214	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	238330	43.532	ng	100

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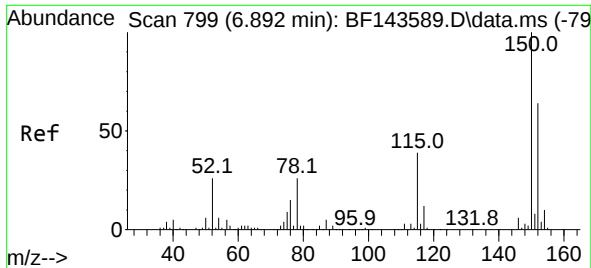
Quant Time: Aug 26 16:13:34 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	224880	40.650	ng	100
46) 1,1'-Biphenyl	9.351	154	865373	39.154	ng	100
47) 2-Chloronaphthalene	9.375	162	691742	39.621	ng	100
48) 2-Nitroaniline	9.469	65	183005	38.659	ng	100
49) Acenaphthylene	9.792	152	992186	39.058	ng	100
50) Dimethylphthalate	9.645	163	764116	39.001	ng	100
51) 2,6-Dinitrotoluene	9.710	165	120098	37.641	ng	100
52) Acenaphthene	9.963	154	646203	38.835	ng	100
53) 3-Nitroaniline	9.880	138	148625	39.079	ng	100
54) 2,4-Dinitrophenol	9.980	184	31823	37.216	ng	100
55) Dibenzofuran	10.133	168	936624	38.393	ng	100
56) 4-Nitrophenol	10.022	139	120396	38.632	ng	100
57) 2,4-Dinitrotoluene	10.110	165	156612	37.431	ng	100
58) Fluorene	10.480	166	693445	37.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	172339	42.137	ng	100
60) Diethylphthalate	10.351	149	707196	38.516	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	339673	37.919	ng	100
62) 4-Nitroaniline	10.492	138	135114	37.853	ng	100
63) Azobenzene	10.633	77	718876	38.616	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	55347	38.129	ng	100
66) n-Nitrosodiphenylamine	10.586	169	606144	39.747	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	209918	40.478	ng	100
68) Hexachlorobenzene	11.027	284	219878	39.638	ng	100
69) Atrazine	11.116	200	173611	39.604	ng	100
70) Pentachlorophenol	11.216	266	133606	42.157	ng	100
71) Phenanthrene	11.439	178	997324	38.852	ng	100
72) Anthracene	11.492	178	998143	38.584	ng	100
73) Carbazole	11.645	167	855082	38.239	ng	100
74) Di-n-butylphthalate	11.974	149	885338	38.870	ng	100
75) Fluoranthene	12.627	202	859839	36.685	ng	100
77) Benzidine	12.745	184	294704	45.437	ng	100
78) Pyrene	12.857	202	881203	38.452	ng	100
80) Butylbenzylphthalate	13.474	149	249520	39.277	ng	100
81) Benzo(a)anthracene	14.039	228	688271	39.952	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	204431	44.260	ng	100
83) Chrysene	14.080	228	616340	38.389	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	345979	41.731	ng	100
85) Di-n-octyl phthalate	14.651	149	638918	41.800	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	956205	42.014	ng	100
88) Benzo(b)fluoranthene	15.098	252	699249	36.584	ng	100
89) Benzo(k)fluoranthene	15.127	252	709824	39.719	ng	100
90) Benzo(a)pyrene	15.468	252	690197	40.870	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	772126	41.451	ng	100
92) Benzo(g,h,i)perylene	17.486	276	768069	41.649	ng	100

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

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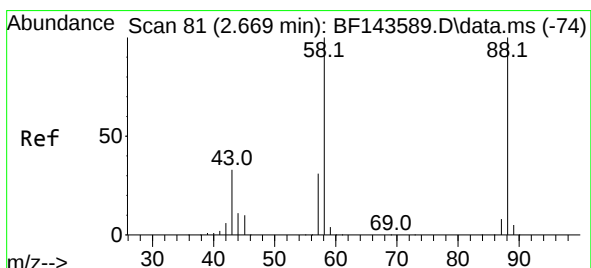
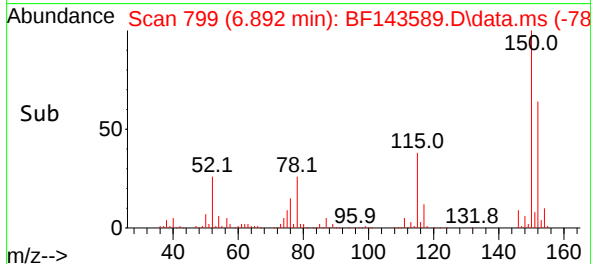
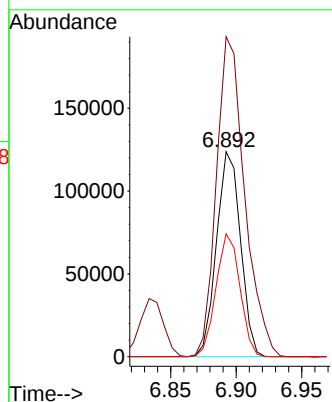
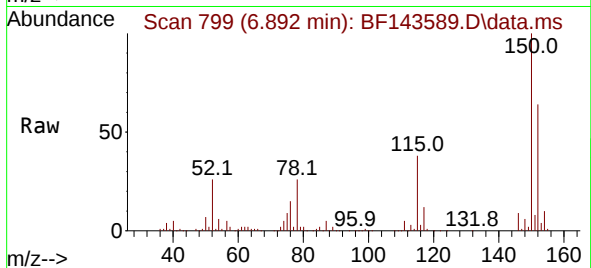




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
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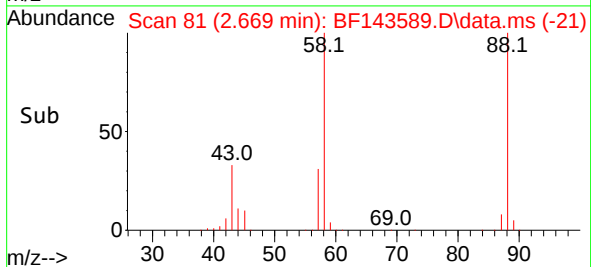
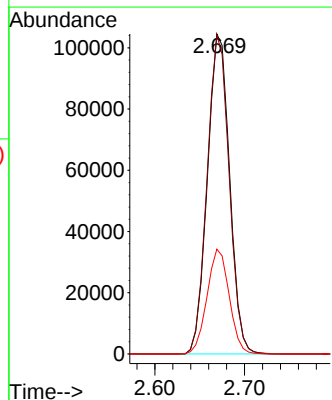
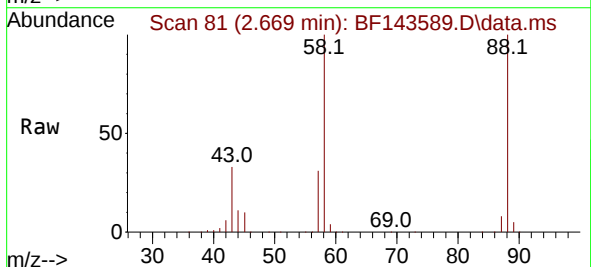
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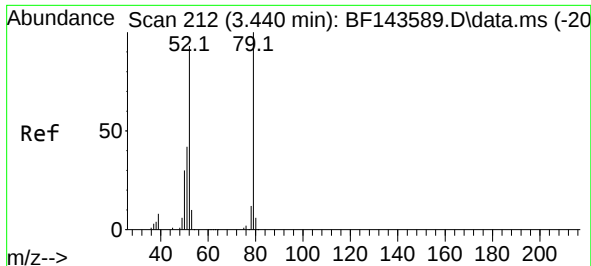
Tgt Ion:152 Resp: 157333
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.9 187.3
 115 60.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 39.712 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

Tgt Ion: 88 Resp: 179595
 Ion Ratio Lower Upper
 88 100
 58 99.0 79.2 118.8
 43 32.7 26.2 39.2

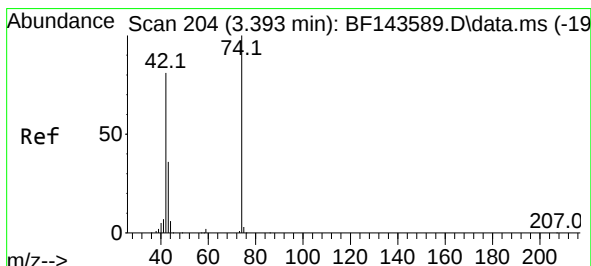
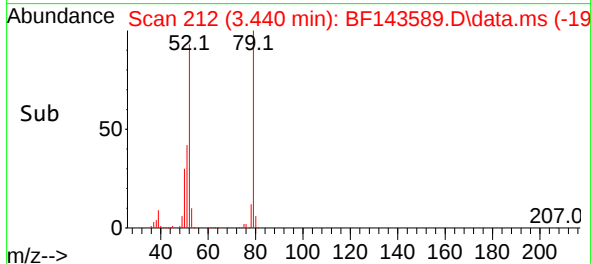
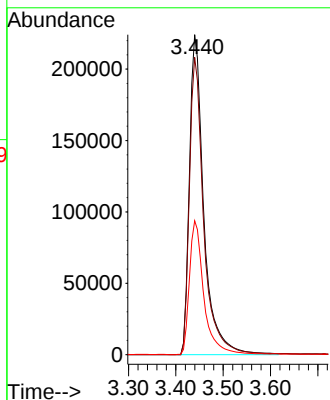
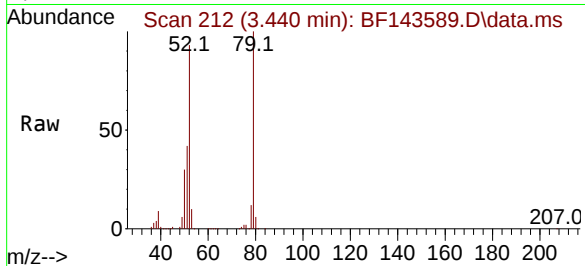




#3
 Pyridine
 Concen: 41.671 ng
 RT: 3.440 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

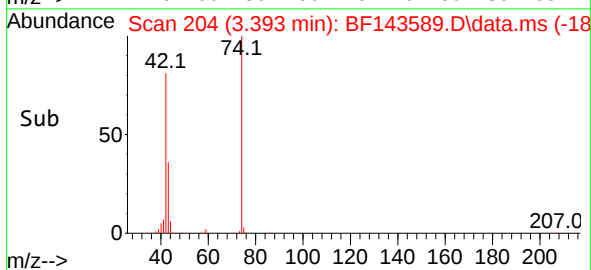
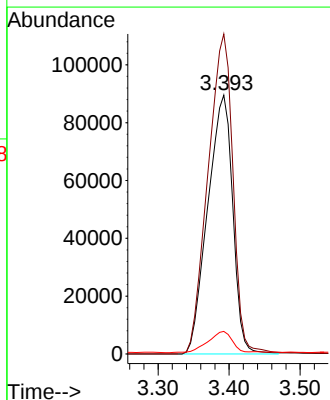
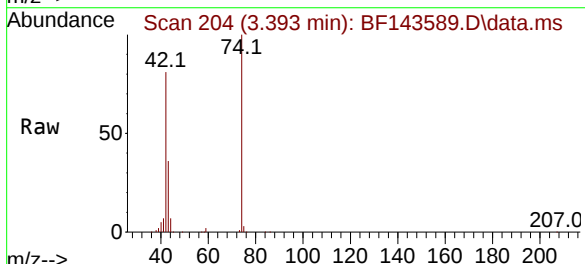
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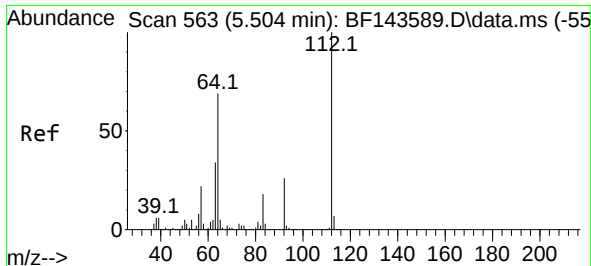
Tgt Ion: 79 Resp: 473218
 Ion Ratio Lower Upper
 79 100
 52 92.9 74.3 111.5
 51 41.9 33.5 50.3



#4
 n-Nitrosodimethylamine
 Concen: 40.488 ng
 RT: 3.393 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

Tgt Ion: 42 Resp: 218791
 Ion Ratio Lower Upper
 42 100
 74 123.6 98.9 148.3
 44 8.7 7.0 10.4

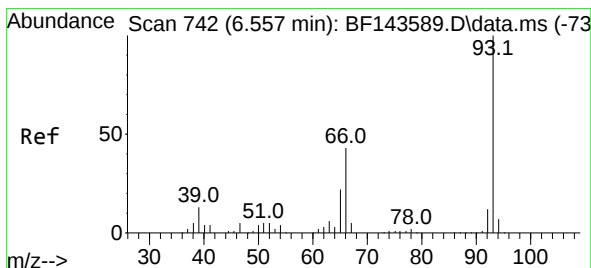
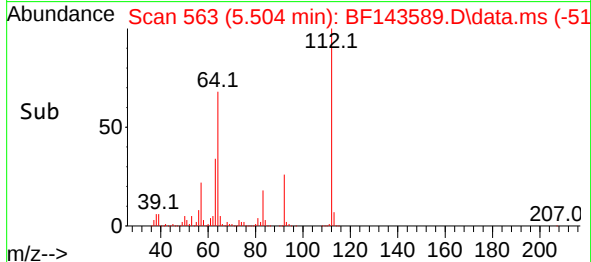
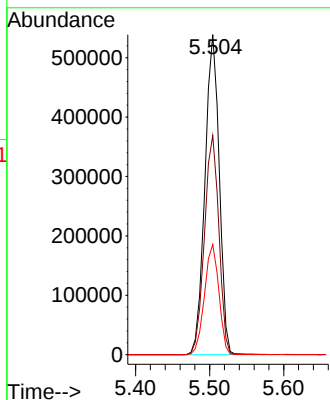
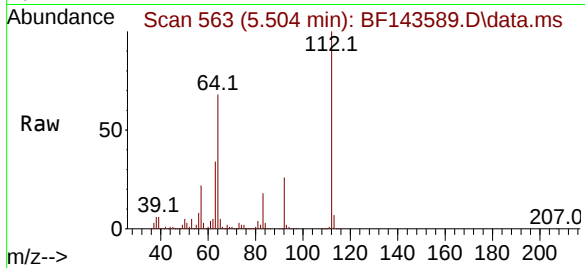




#5
2-Fluorophenol
Concen: 78.422 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

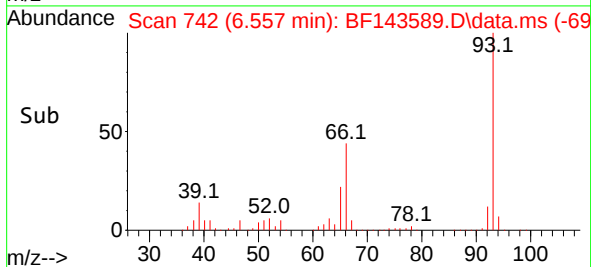
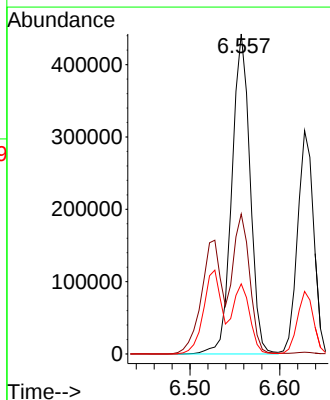
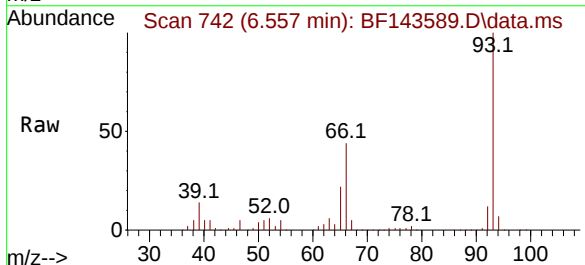
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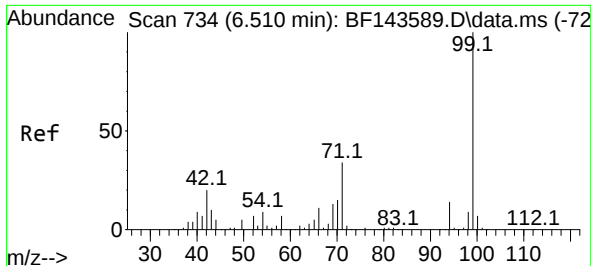
Tgt Ion:112 Resp: 724943
Ion Ratio Lower Upper
112 100
64 68.5 54.8 82.2
63 34.5 27.6 41.4



#6
Aniline
Concen: 38.989 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 93 Resp: 623194
Ion Ratio Lower Upper
93 100
66 43.7 35.0 52.4
65 21.9 17.5 26.3

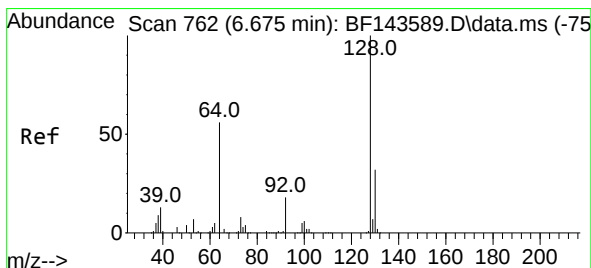
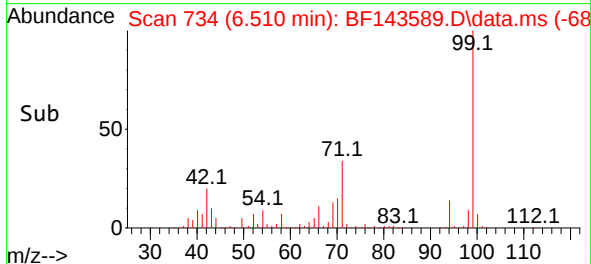
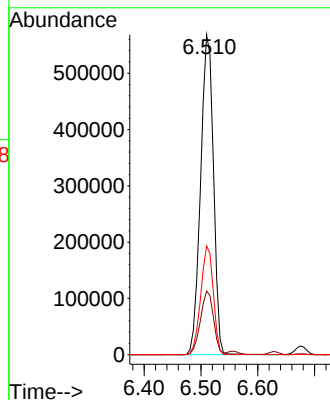
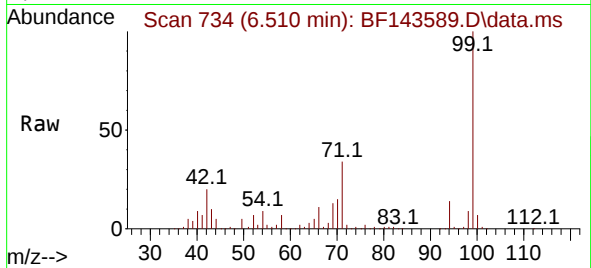




#7
Phenol-d6
Concen: 78.152 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

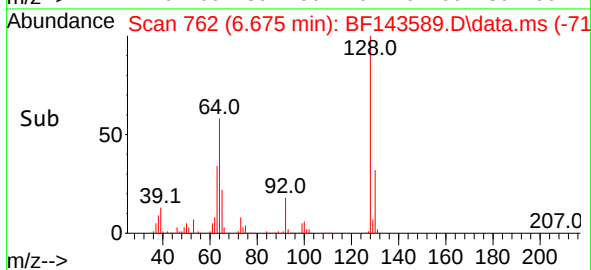
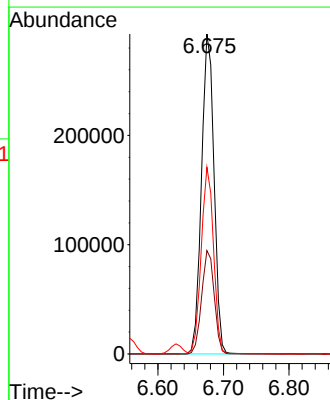
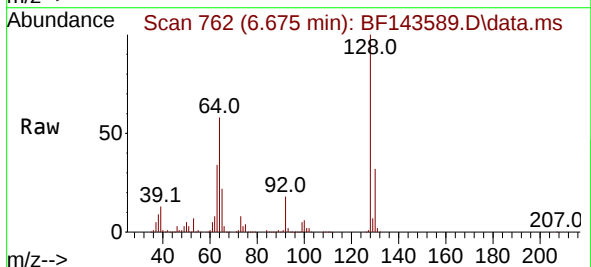
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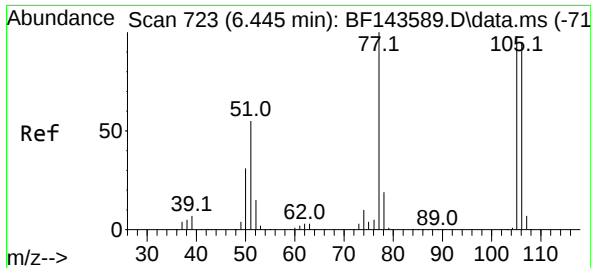
Tgt Ion: 99 Resp: 894793
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 34.0 27.2 40.8



#8
2-Chlorophenol
Concen: 39.849 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 128 Resp: 389729
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 58.4 38.4 78.4

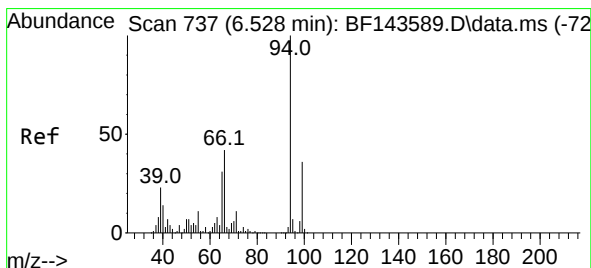
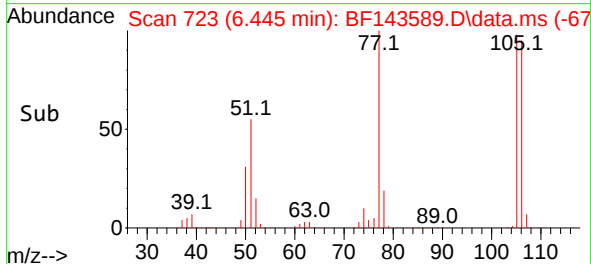
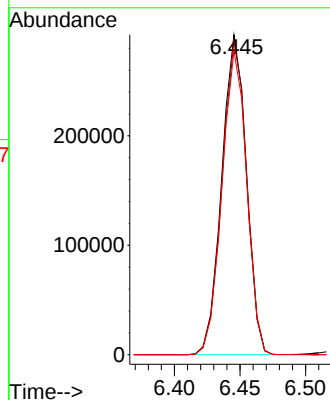
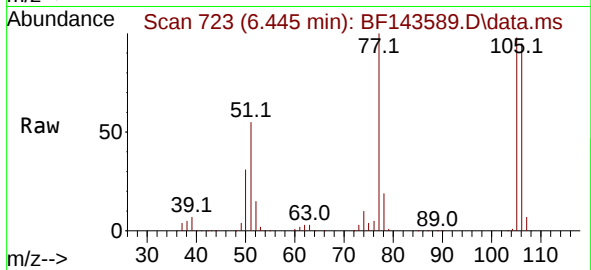




#9
Benzaldehyde
Concen: 44.142 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

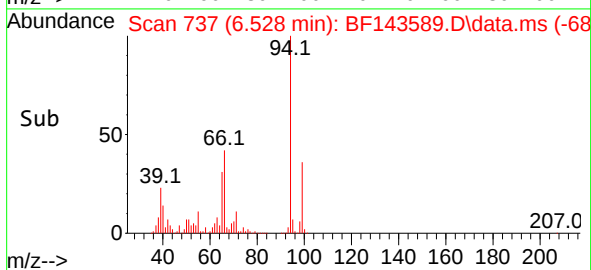
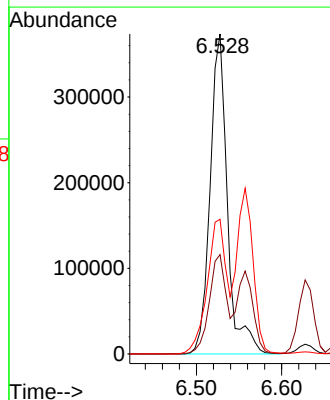
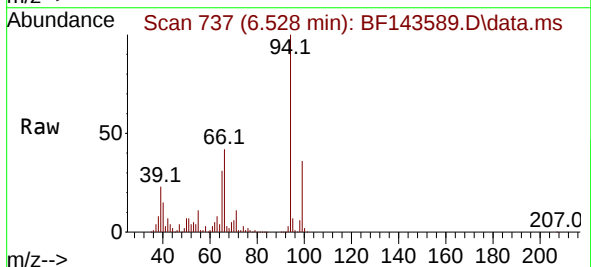
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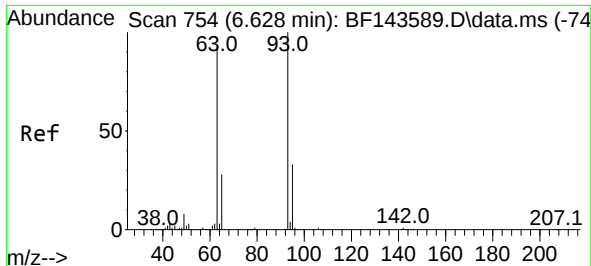
Tgt Ion: 77 Resp: 380288
Ion Ratio Lower Upper
77 100
105 97.9 77.9 117.9
106 94.9 74.9 114.9



#10
Phenol
Concen: 41.023 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 94 Resp: 526803
Ion Ratio Lower Upper
94 100
65 31.0 11.0 51.0
66 42.1 22.1 62.1

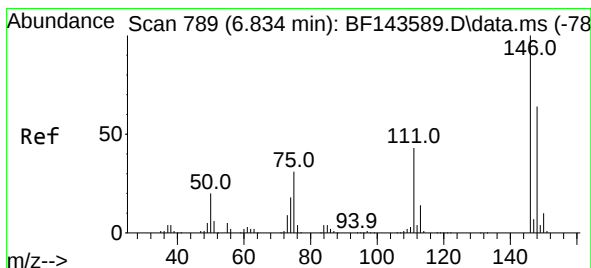
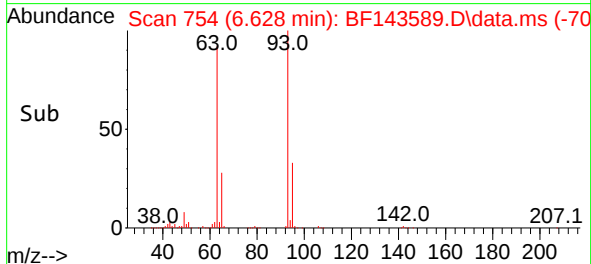
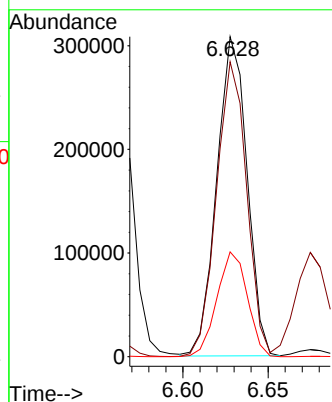
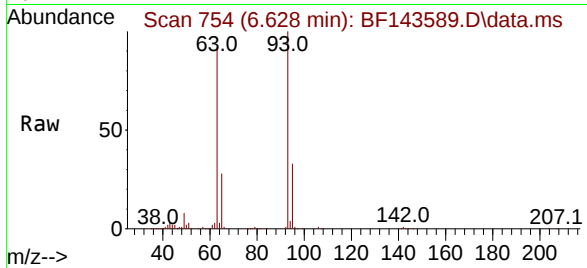




#11
bis(2-Chloroethyl)ether
Concen: 38.728 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

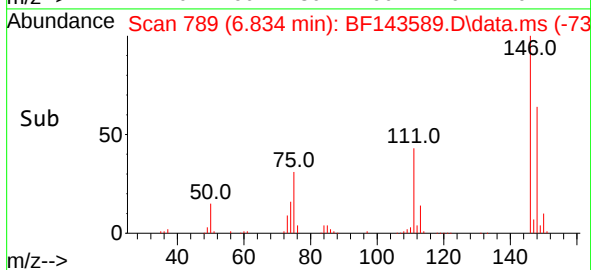
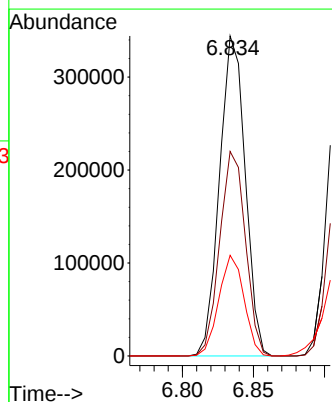
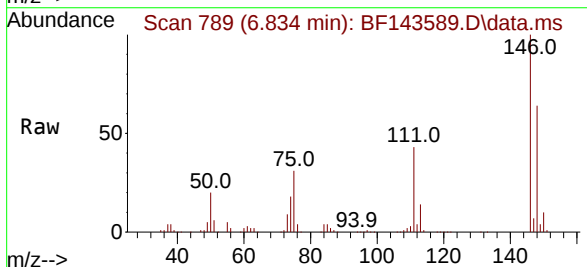
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

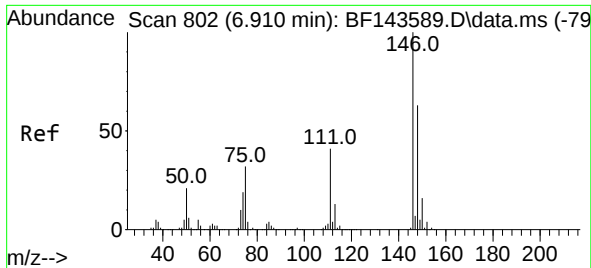
Tgt Ion: 93 Resp: 381086
Ion Ratio Lower Upper
93 100
63 92.1 72.1 112.1
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.600 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:146 Resp: 433636
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
75 31.5 25.2 37.8

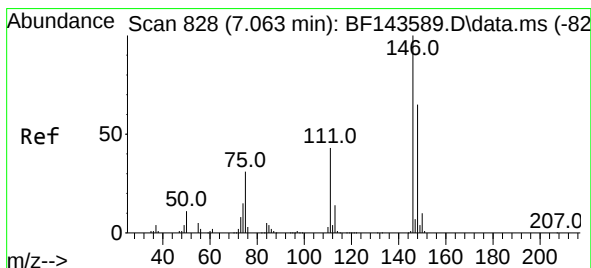
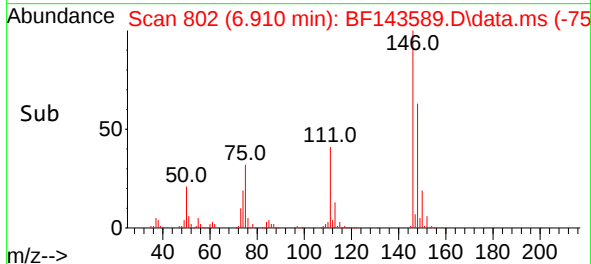
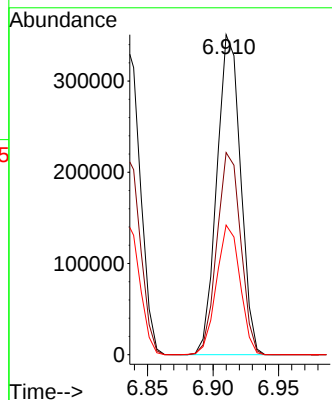
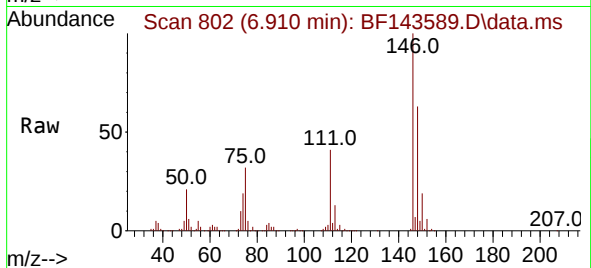




#13
1,4-Dichlorobenzene
Concen: 38.897 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

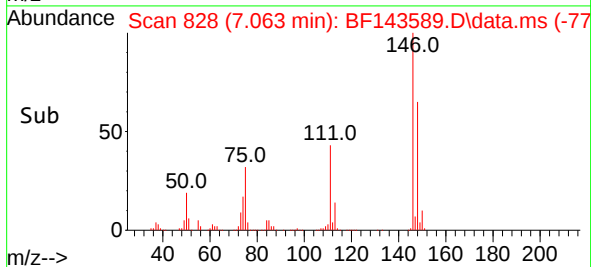
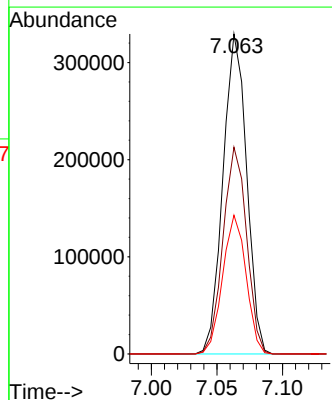
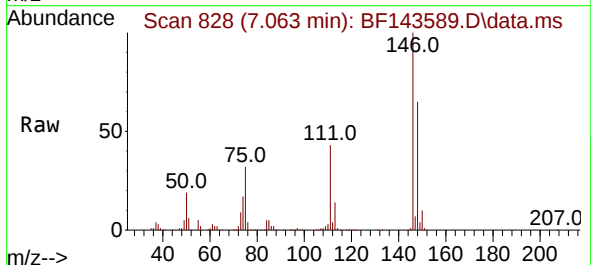
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

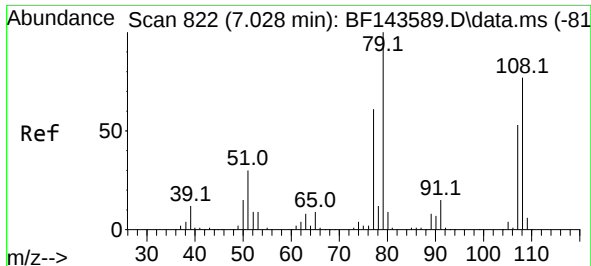
Tgt Ion:146 Resp: 440618
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 40.5 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 38.437 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:146 Resp: 412999
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
111 43.4 34.7 52.1

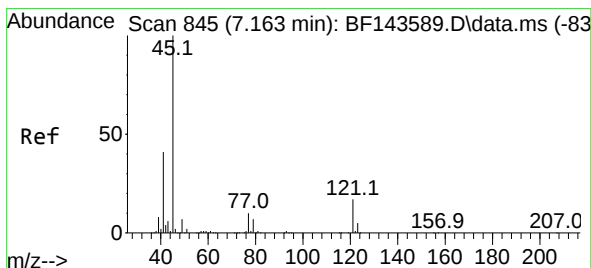
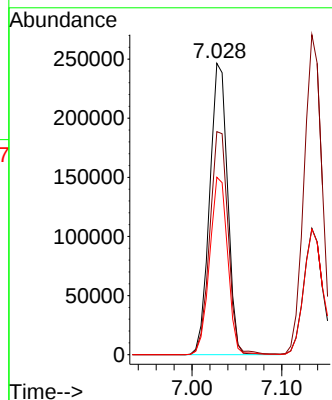
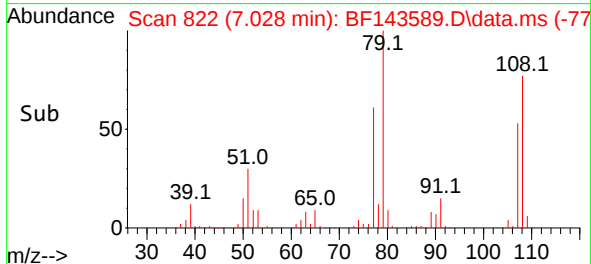
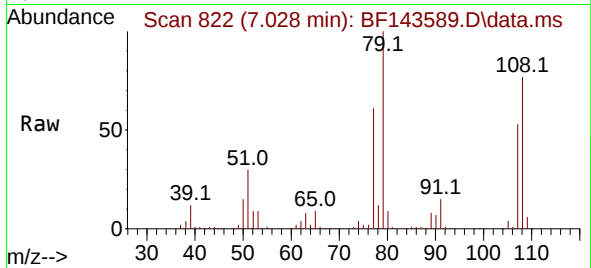




#15
Benzyl Alcohol
Concen: 39.883 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

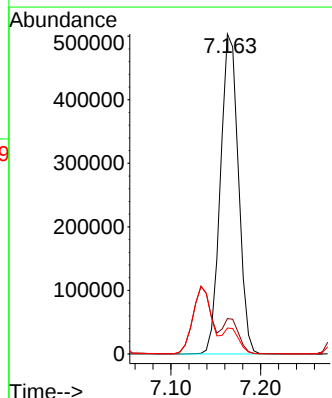
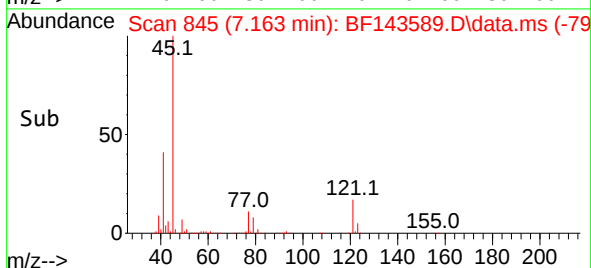
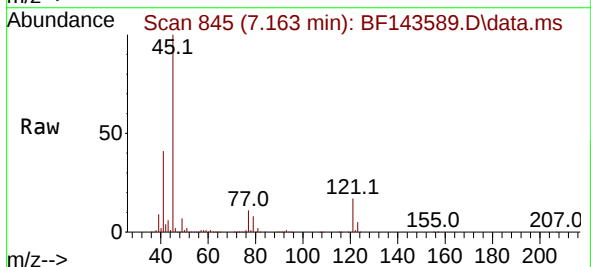
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

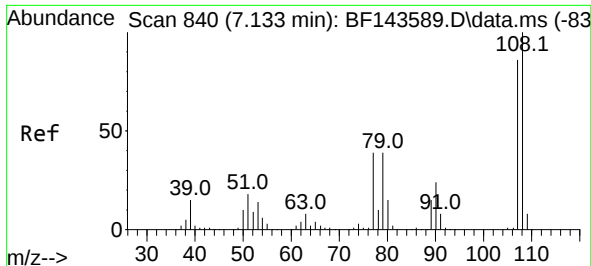
Tgt Ion: 79 Resp: 342223
Ion Ratio Lower Upper
79 100
108 76.6 61.3 91.9
77 60.9 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.514 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 45 Resp: 699533
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.1
79 8.1 0.0 28.1

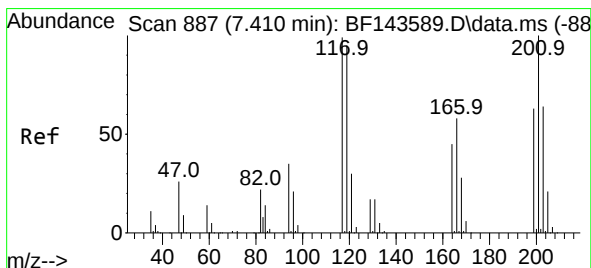
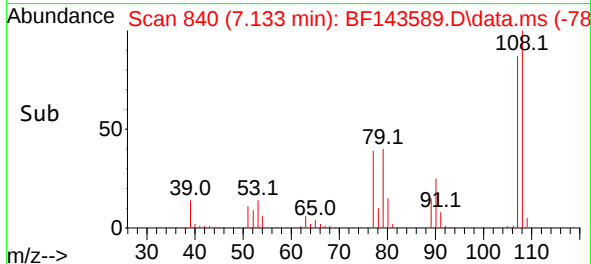
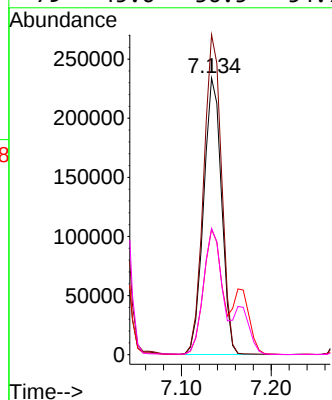
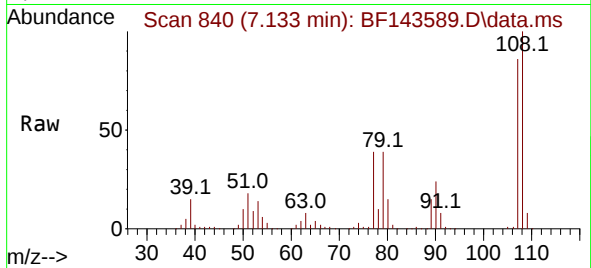




#17
2-Methylphenol
Concen: 39.088 ng
RT: 7.133 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

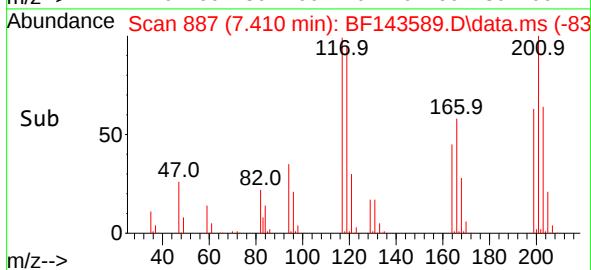
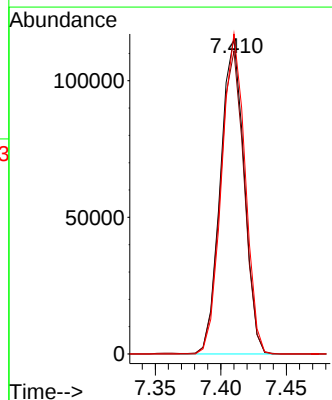
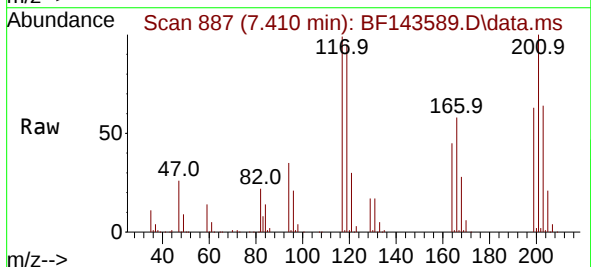
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

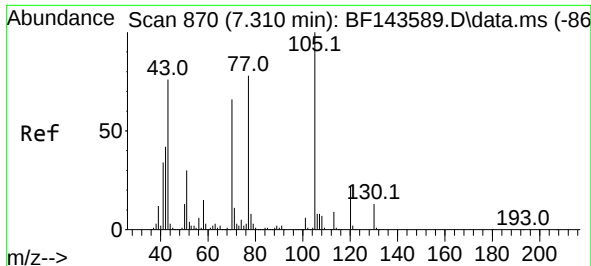
Tgt Ion:	107	Resp:	324534
Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.6	138.8
77	45.4	36.3	54.5
79	45.6	36.5	54.7



#18
Hexachloroethane
Concen: 40.234 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:	117	Resp:	144818
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	101.2	81.0	121.4



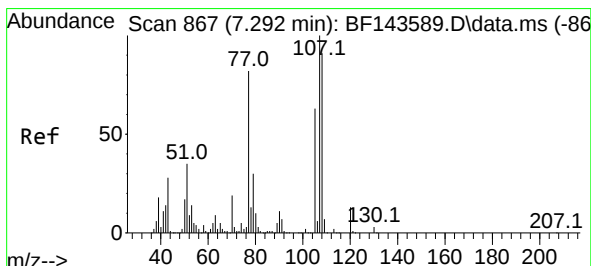
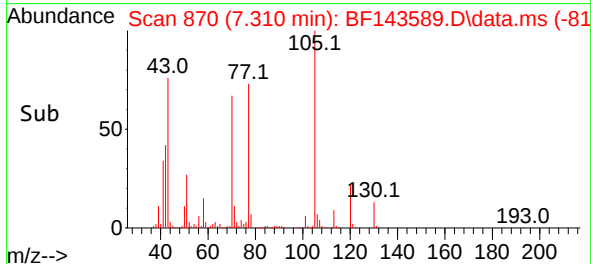
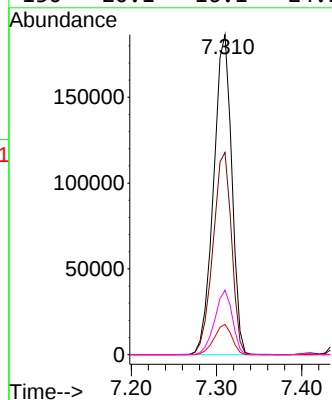
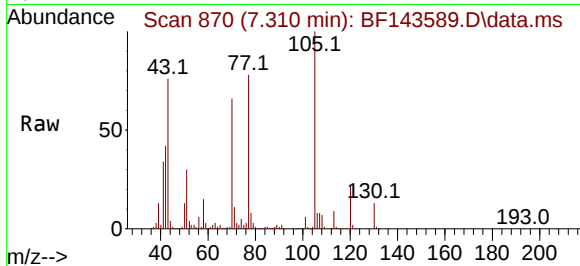


#19
n-Nitroso-di-n-propylamine
Concen: 37.988 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 275538

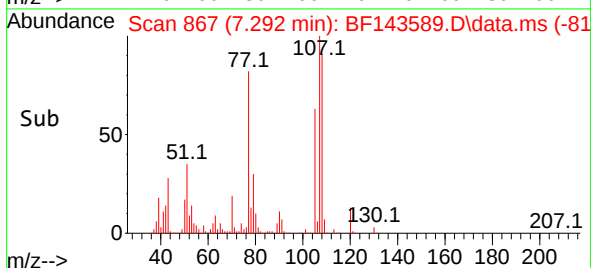
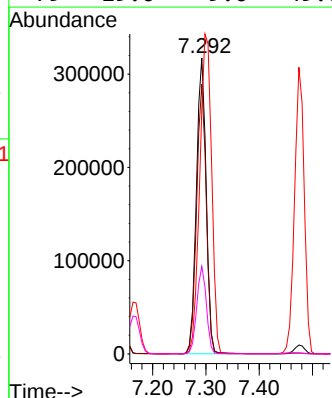
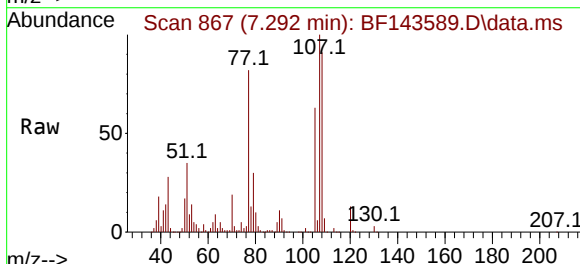
Ion	Ratio	Lower	Upper
70	100		
42	63.2	50.6	75.8
101	9.4	7.5	11.3
130	20.1	16.1	24.1

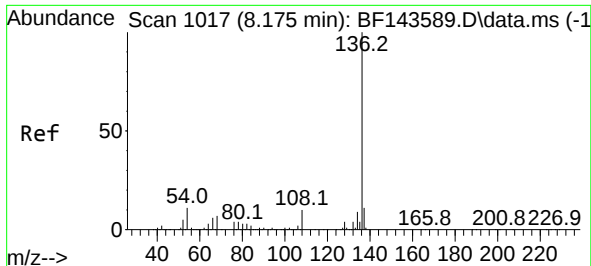


#20
3+4-Methylphenols
Concen: 39.746 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 107 Resp: 405303

Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.1	111.1
77	82.5	62.5	102.5
79	29.6	9.6	49.6



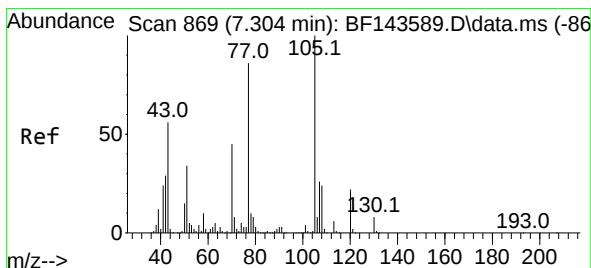
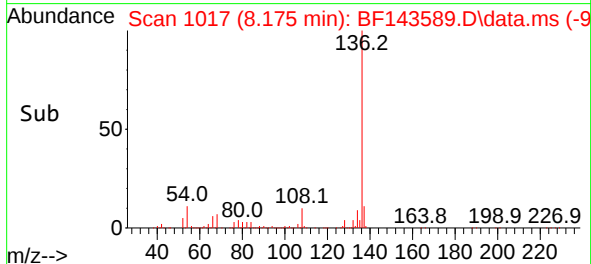
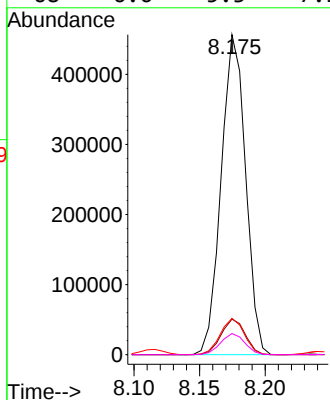
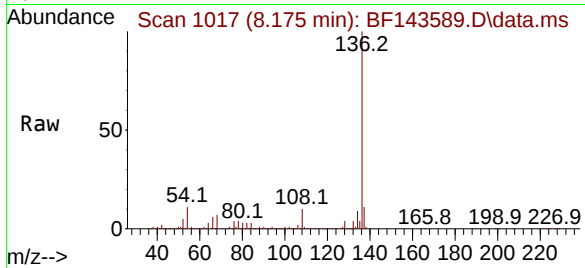


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 591271

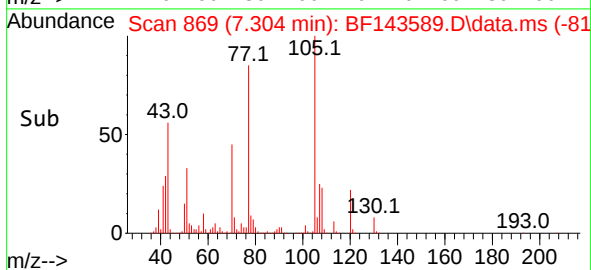
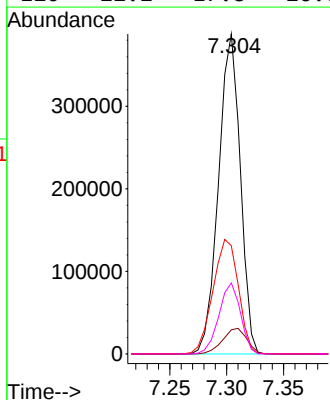
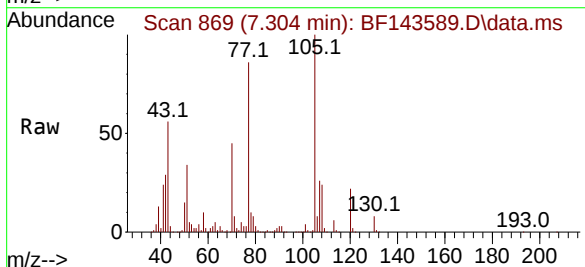
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.3	9.0	13.6
68	6.6	5.3	7.9

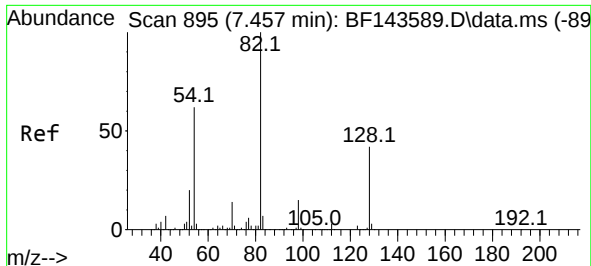


#22
Acetophenone
Concen: 38.780 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:105 Resp: 516387

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.0	9.0
51	33.8	27.0	40.6
120	22.2	17.8	26.6





#23

Nitrobenzene-d5

Concen: 83.669 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

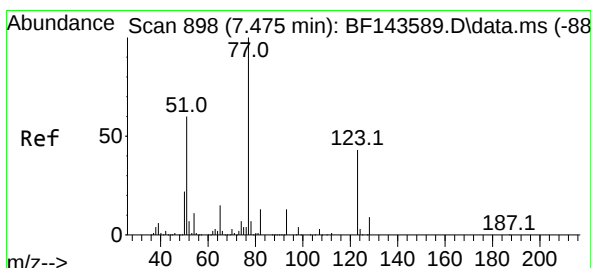
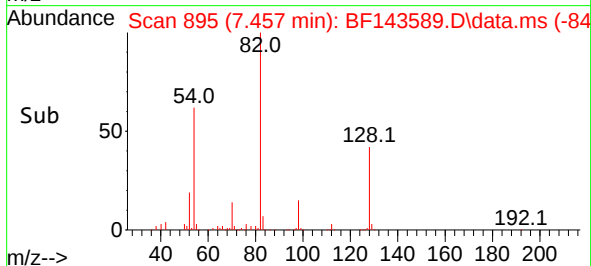
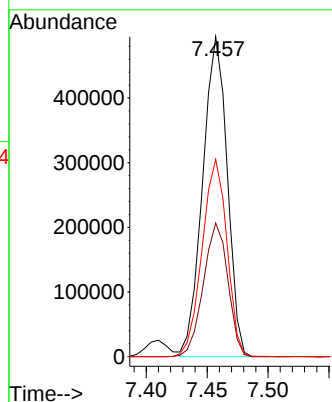
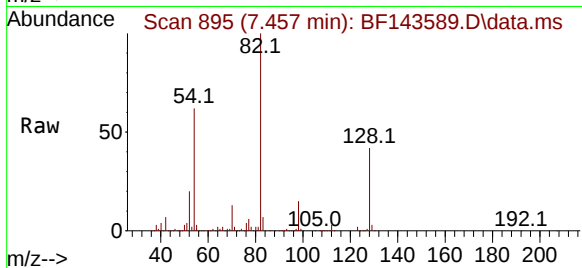
Tgt Ion: 82 Resp: 692865

Ion Ratio Lower Upper

82 100

128 41.8 33.4 50.2

54 61.6 49.3 73.9



#24

Nitrobenzene

Concen: 43.918 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

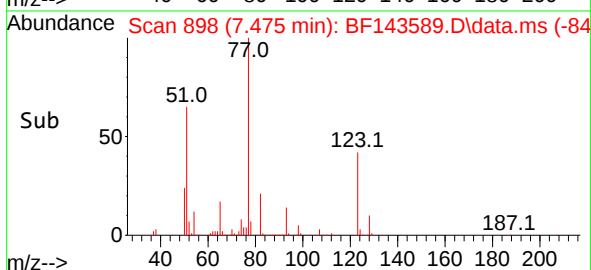
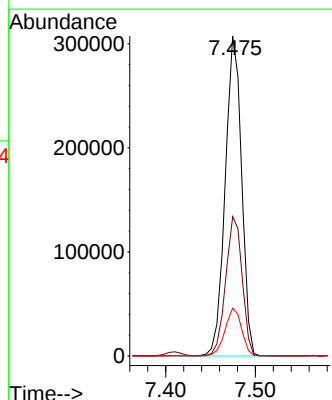
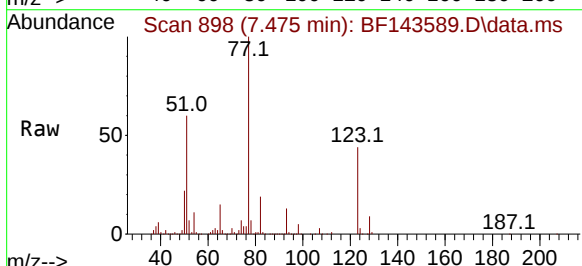
Tgt Ion: 77 Resp: 389907

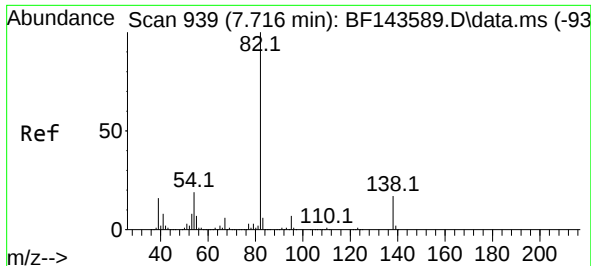
Ion Ratio Lower Upper

77 100

123 43.6 34.9 52.3

65 15.0 12.0 18.0

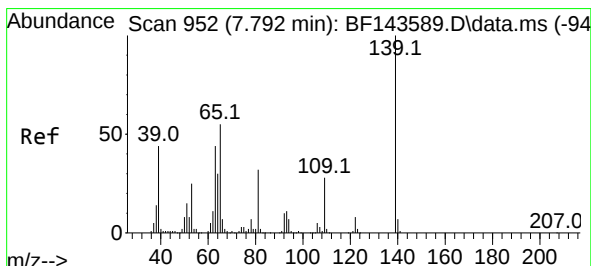
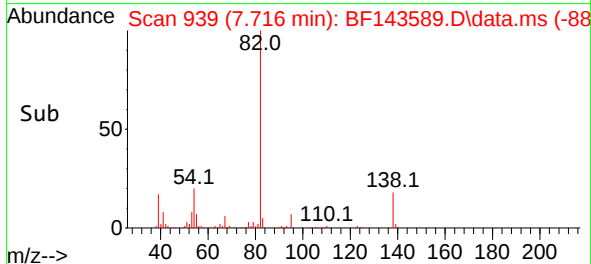
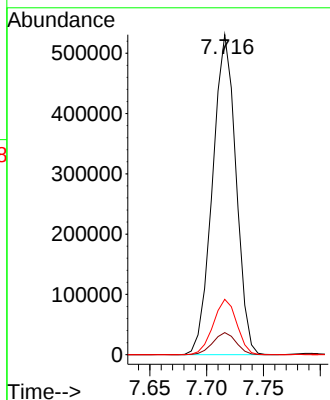
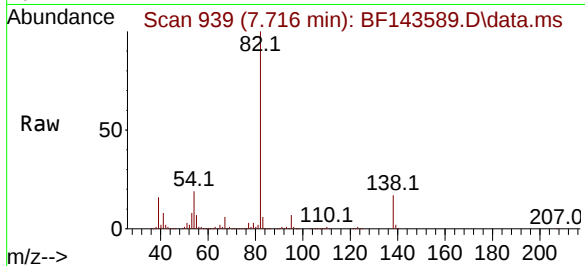




#25
Isophorone
Concen: 39.355 ng
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

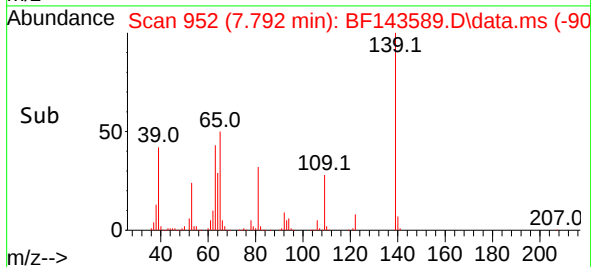
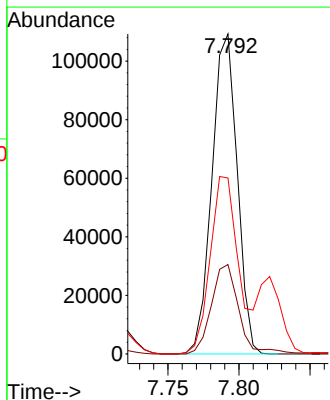
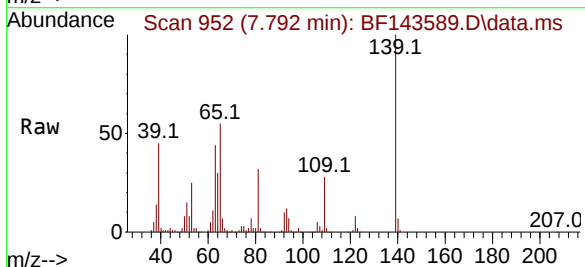
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

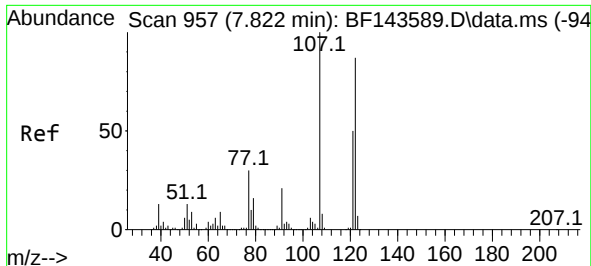
Tgt Ion: 82 Resp: 762668
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.3 13.8 20.8



#26
2-Nitrophenol
Concen: 39.642 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 139 Resp: 135383
Ion Ratio Lower Upper
139 100
109 27.9 22.3 33.5
65 55.0 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 40.021 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

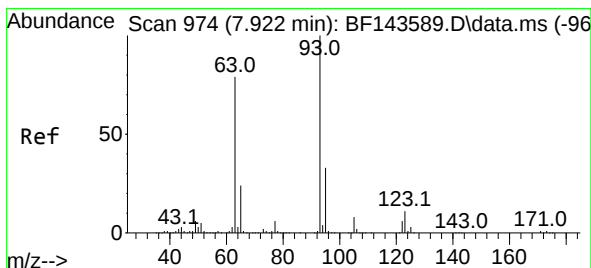
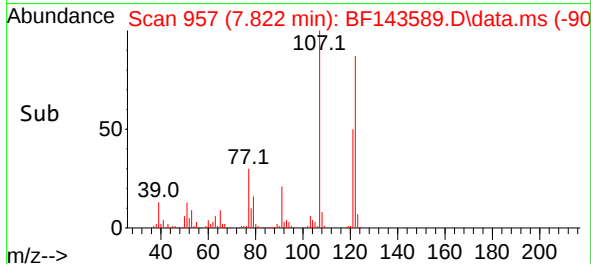
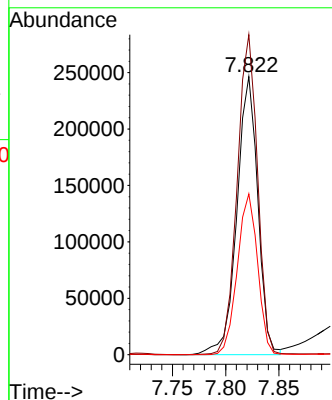
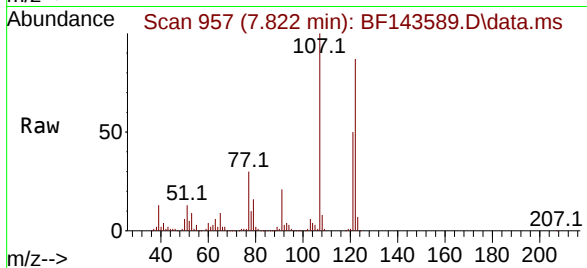
Tgt Ion:122 Resp: 337446

Ion Ratio Lower Upper

122 100

107 115.1 92.1 138.1

121 57.8 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.827 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

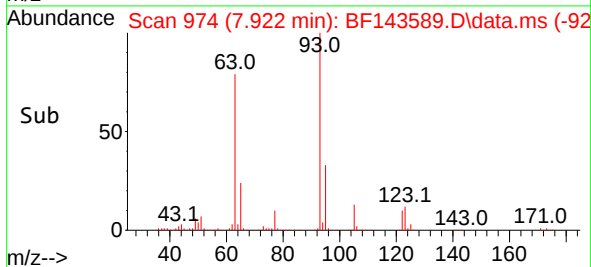
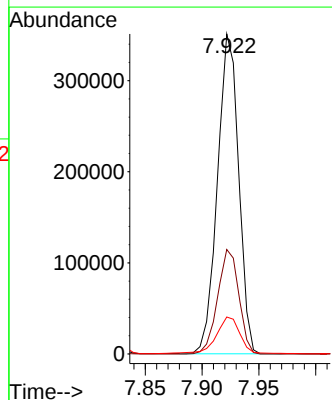
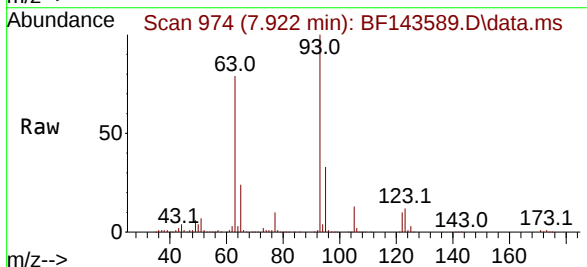
Tgt Ion: 93 Resp: 455240

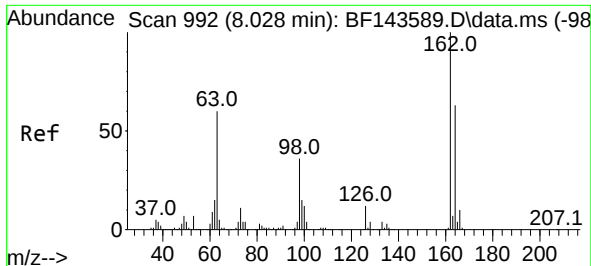
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 41.347 ng

RT: 8.028 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

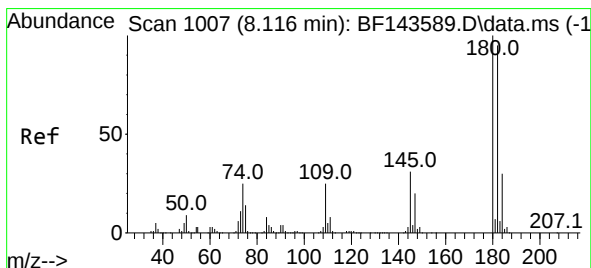
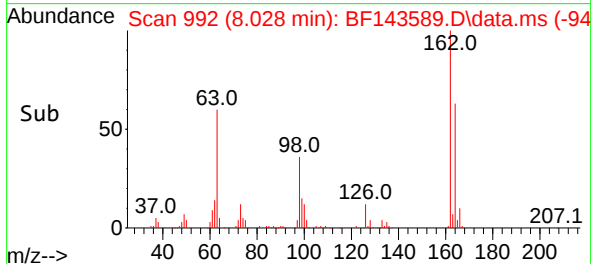
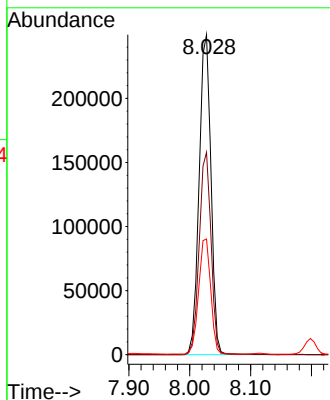
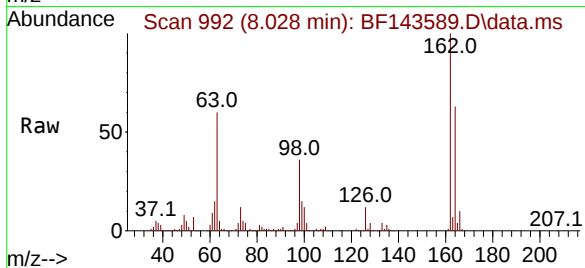
Tgt Ion:162 Resp: 335894

Ion Ratio Lower Upper

162 100

164 63.3 43.3 83.3

98 36.1 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 39.622 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

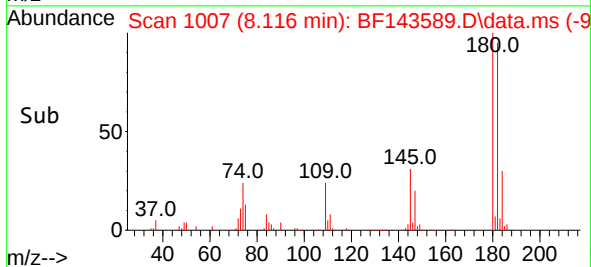
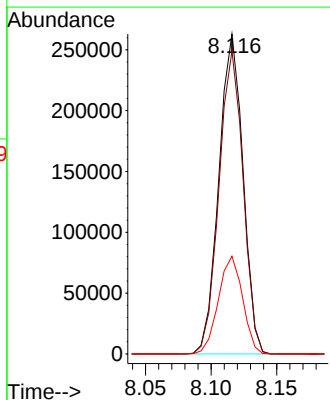
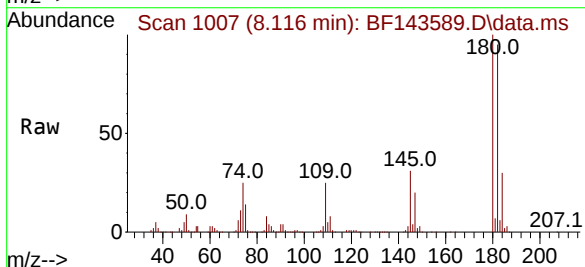
Tgt Ion:180 Resp: 336080

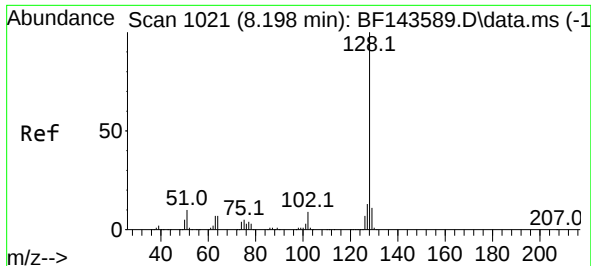
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 30.6 24.5 36.7

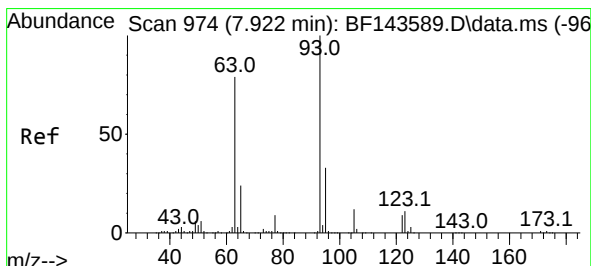
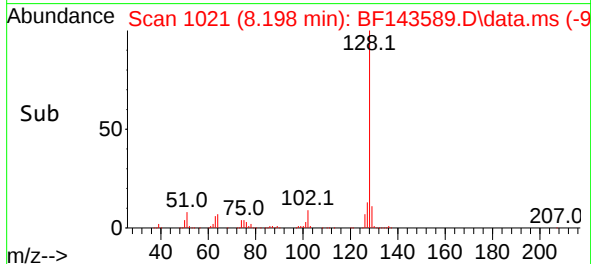
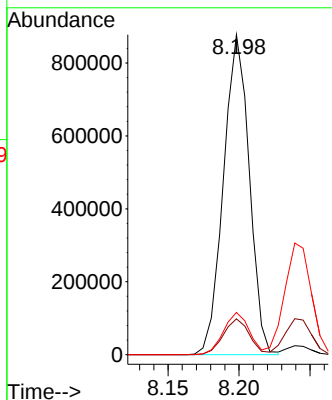
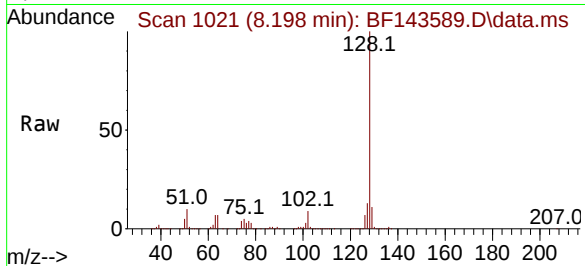




#31
Naphthalene
Concen: 38.824 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

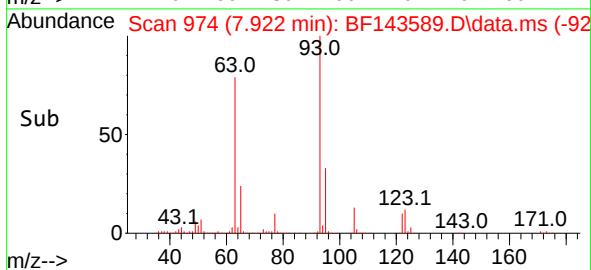
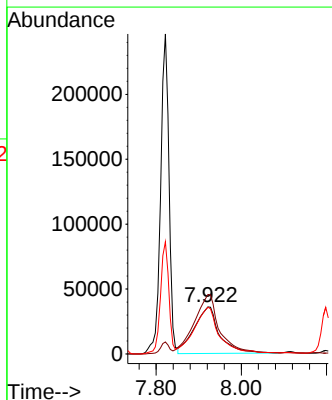
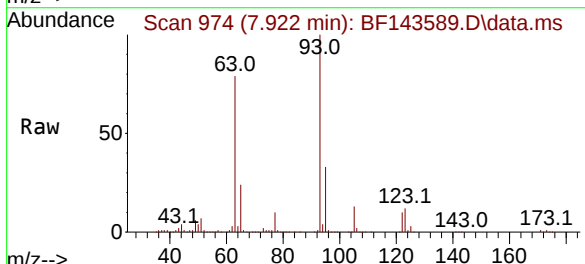
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

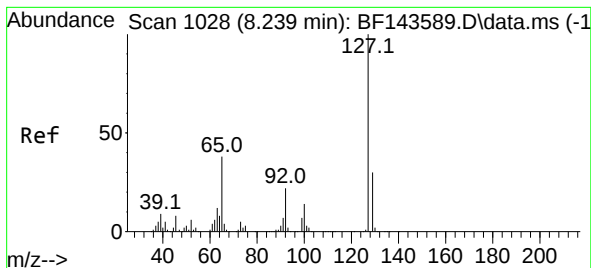
Tgt Ion:128 Resp: 1109088
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 37.681 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:122 Resp: 148491
Ion Ratio Lower Upper
122 100
105 126.4 106.4 146.4
77 99.3 79.3 119.3





#33

4-Chloroaniline

Concen: 39.595 ng

RT: 8.239 min Scan# 1028

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 399603

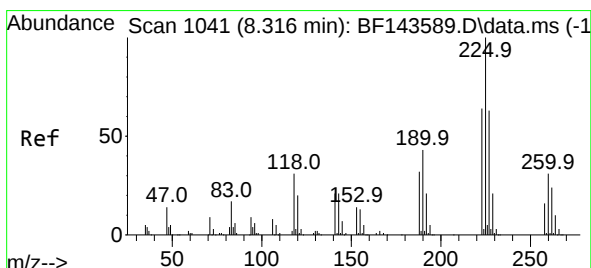
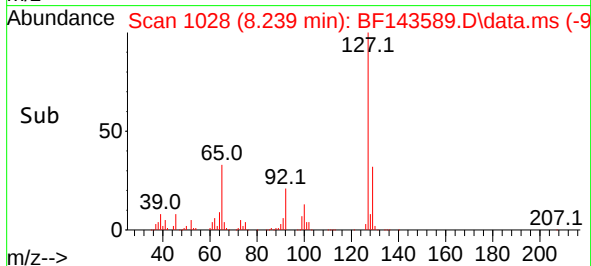
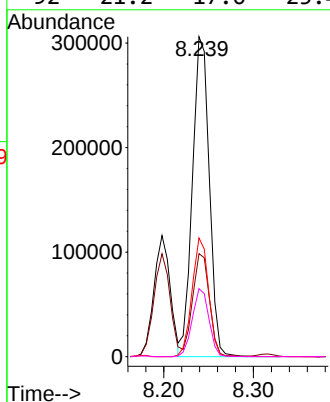
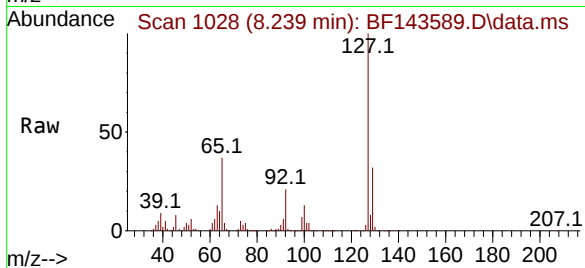
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.6

65 37.1 29.7 44.5

92 21.2 17.0 25.4



#34

Hexachlorobutadiene

Concen: 39.114 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

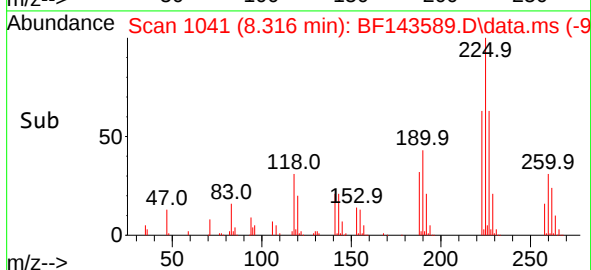
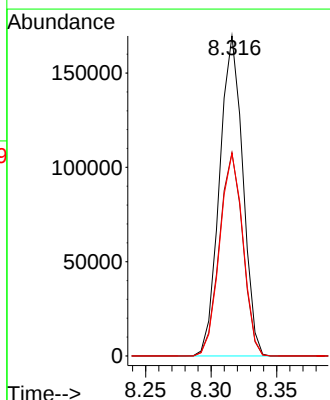
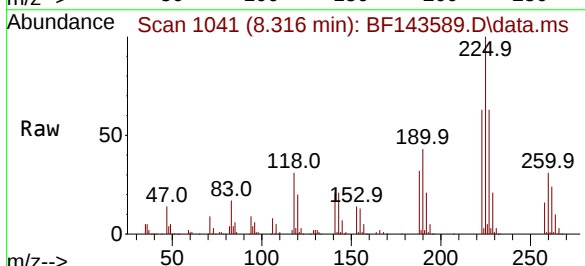
Tgt Ion:225 Resp: 209059

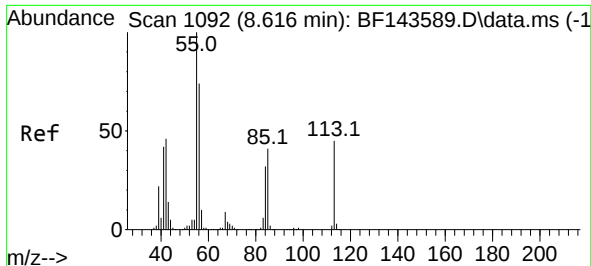
Ion Ratio Lower Upper

225 100

223 63.5 50.8 76.2

227 63.3 50.6 76.0

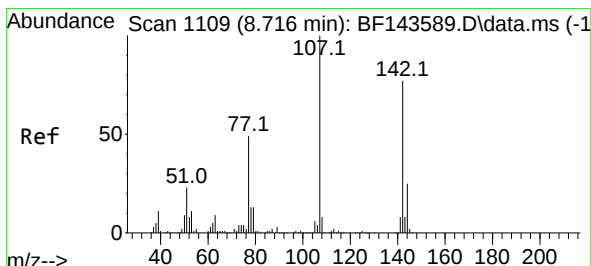
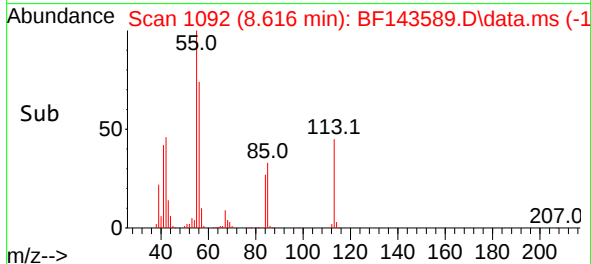
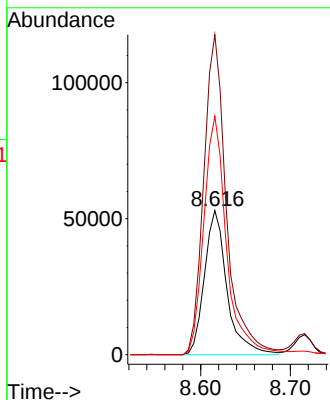
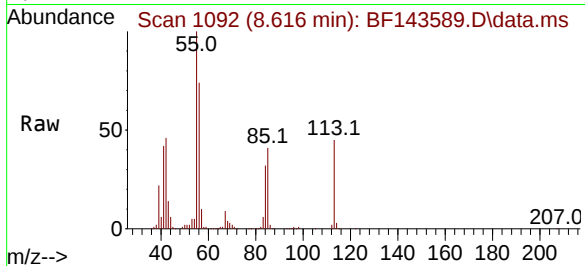




#35
 Caprolactam
 Concen: 40.097 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

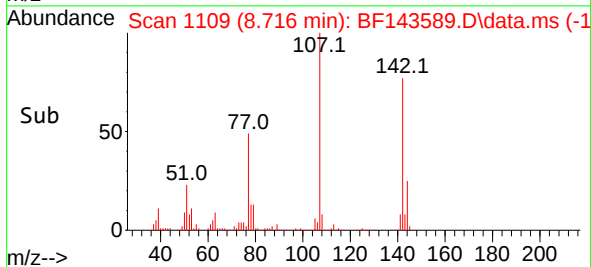
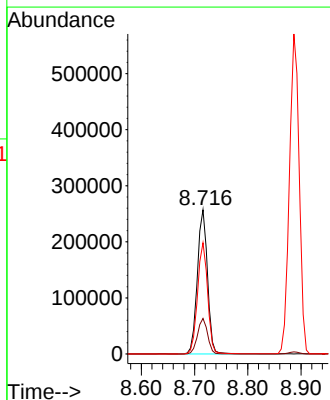
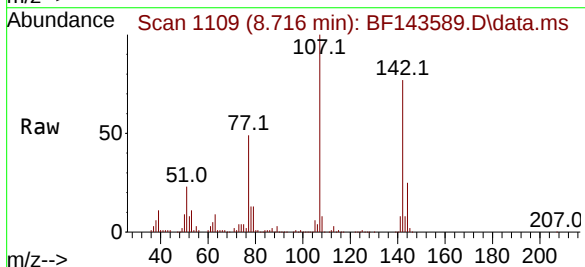
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

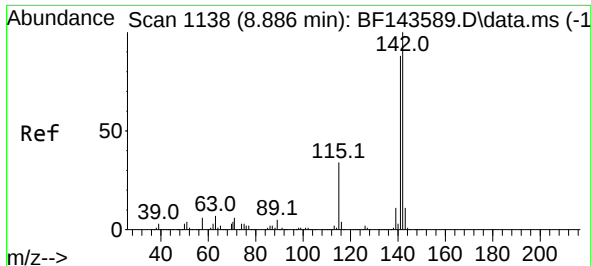
Tgt Ion:113 Resp: 92543
 Ion Ratio Lower Upper
 113 100
 55 222.1 202.1 242.1
 56 165.4 145.4 185.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.089 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

Tgt Ion:107 Resp: 340489
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.6
 142 77.1 61.7 92.5

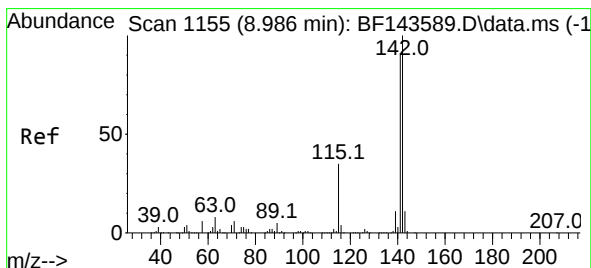
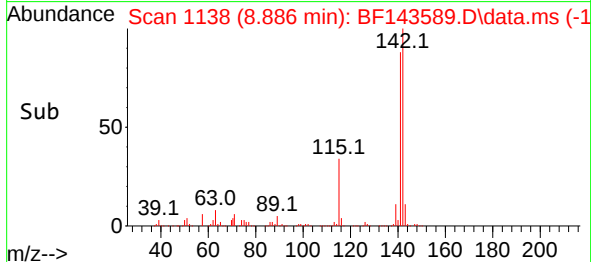
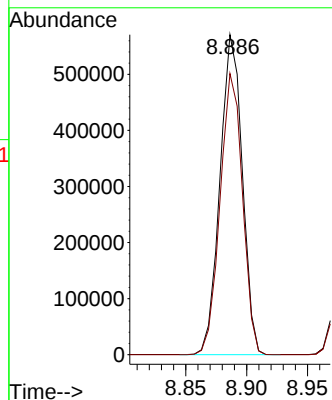
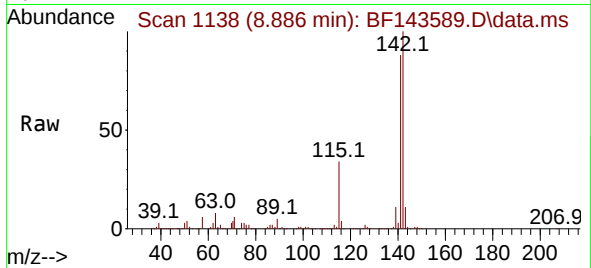




#37
2-Methylnaphthalene
Concen: 38.577 ng
RT: 8.886 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

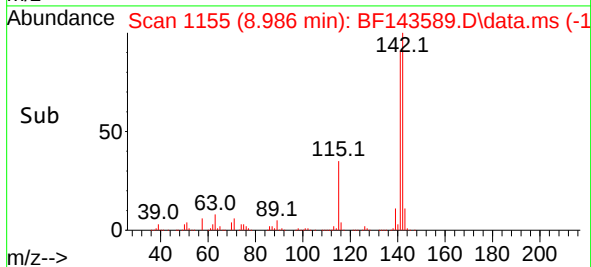
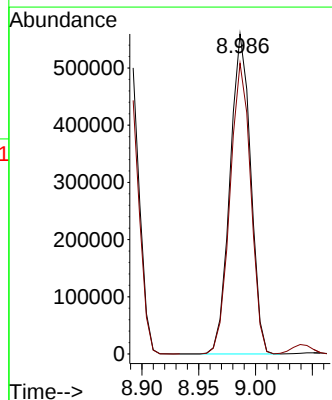
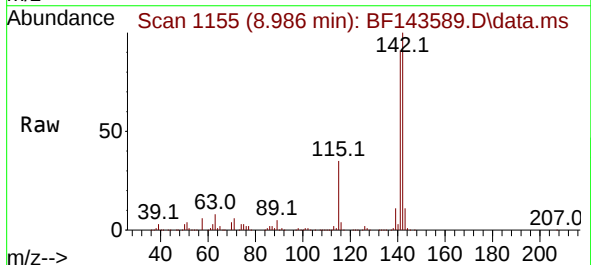
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

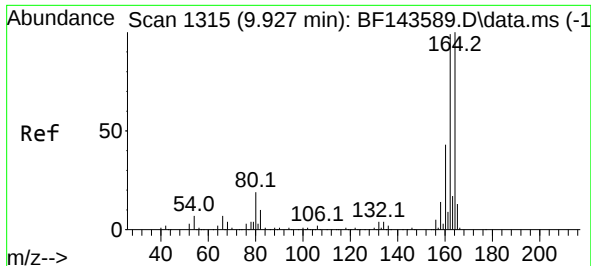
Tgt Ion:142 Resp: 727785
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.4



#38
1-Methylnaphthalene
Concen: 38.906 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:142 Resp: 708381
Ion Ratio Lower Upper
142 100
141 90.8 72.6 109.0

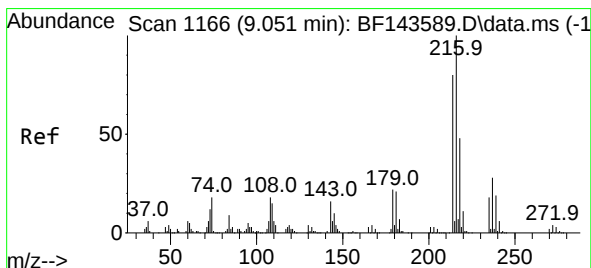
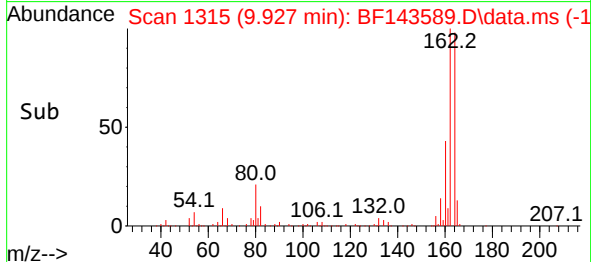
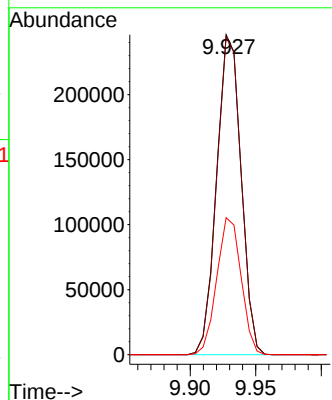
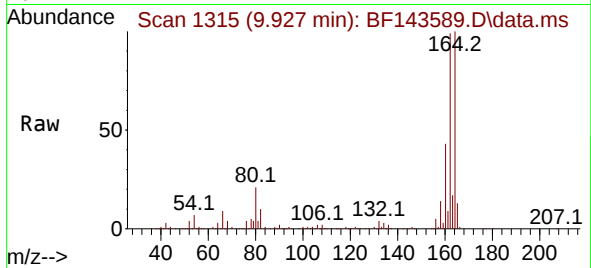




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

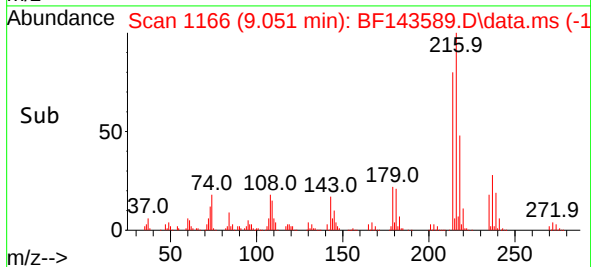
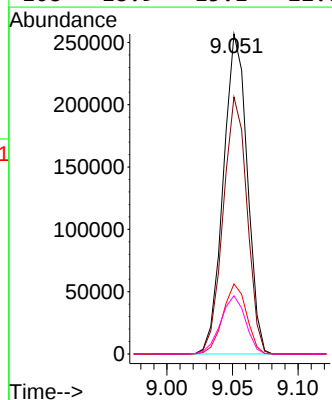
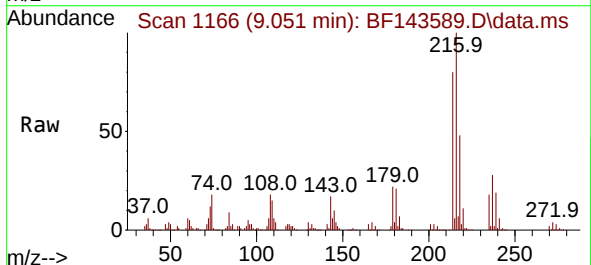
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

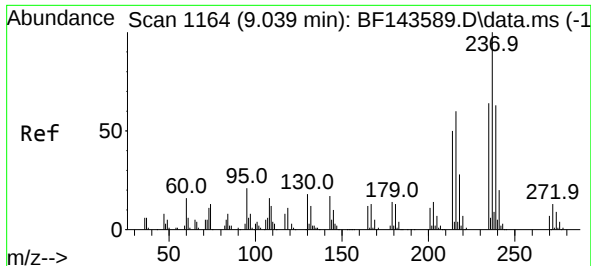
Tgt Ion:164 Resp: 318528
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 42.8 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.224 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:216 Resp: 324978
Ion Ratio Lower Upper
216 100
214 80.1 64.1 96.1
179 21.7 17.4 26.0
108 18.9 15.1 22.7

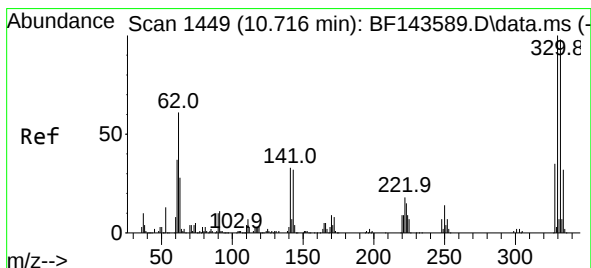
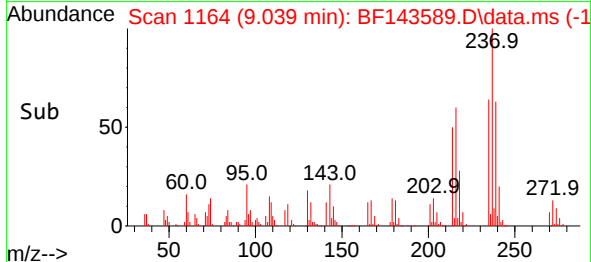
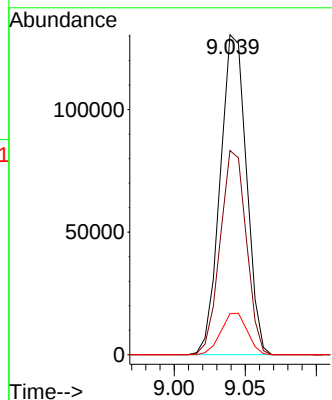
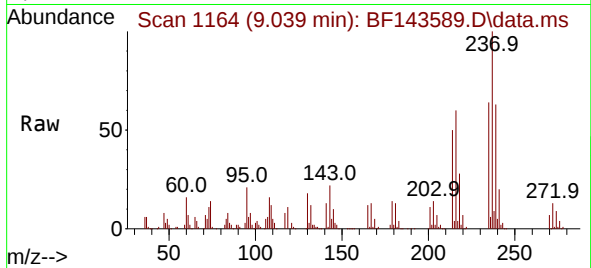




#41
Hexachlorocyclopentadiene
Concen: 41.214 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

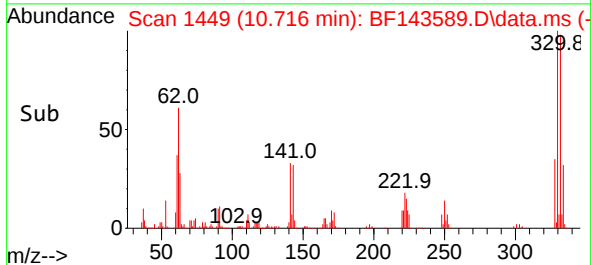
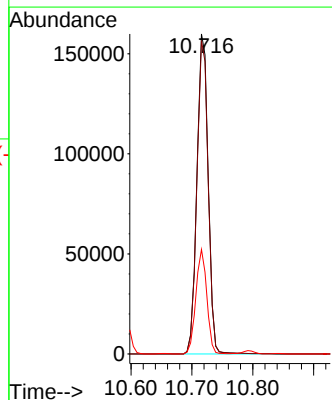
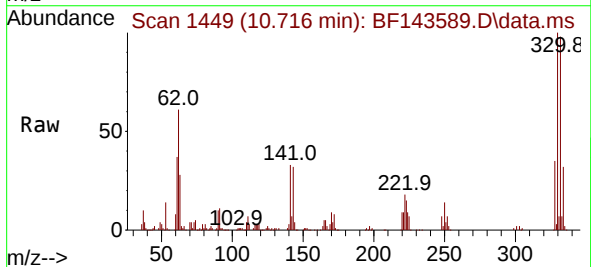
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BNA_F
ClientSampleId :
SSTDICCC040

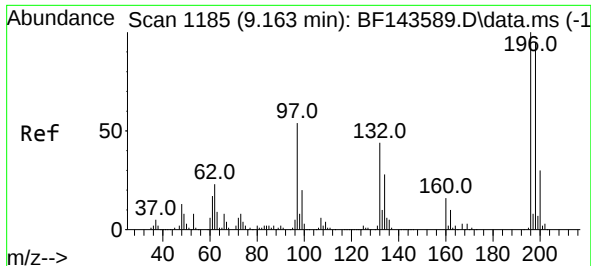
Tgt Ion:237 Resp: 167983
Ion Ratio Lower Upper
237 100
235 63.8 43.8 83.8
272 12.8 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 82.636 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:330 Resp: 205843
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 31.7 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 43.532 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

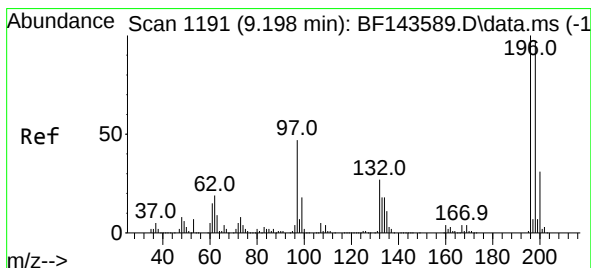
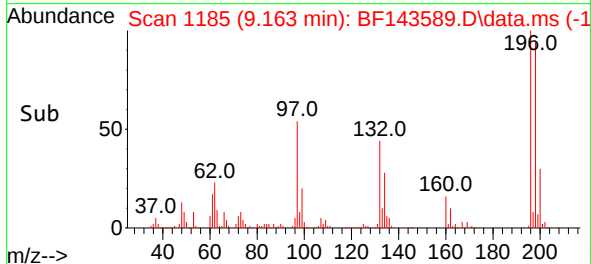
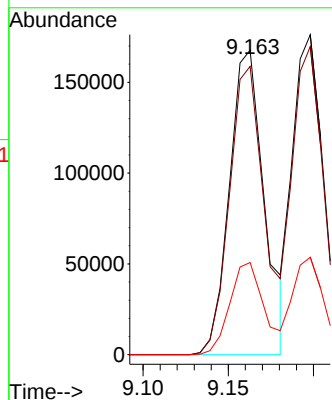
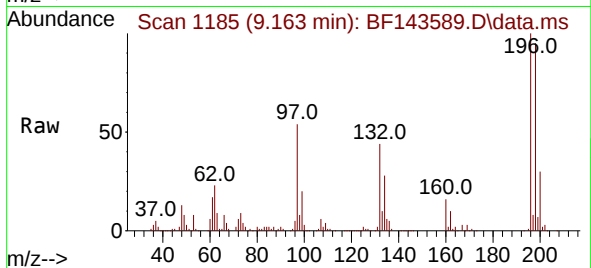
Tgt Ion:196 Resp: 238330

Ion Ratio Lower Upper

196 100

198 94.7 75.8 113.6

200 30.3 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 40.650 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Tgt Ion:196 Resp: 224880

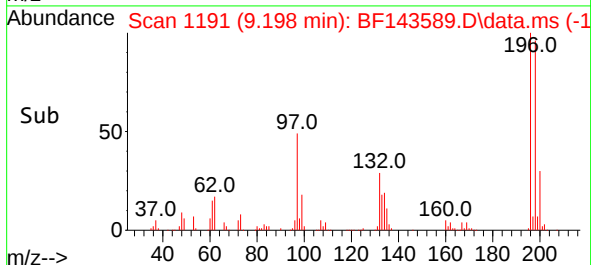
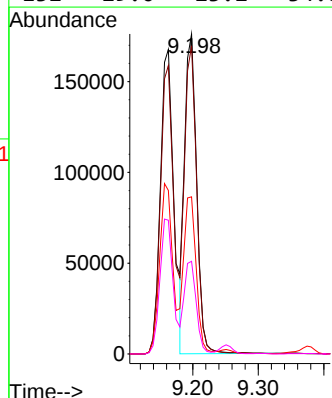
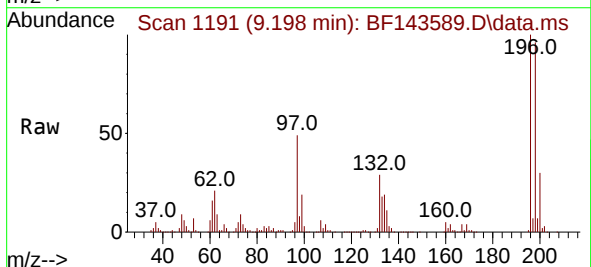
Ion Ratio Lower Upper

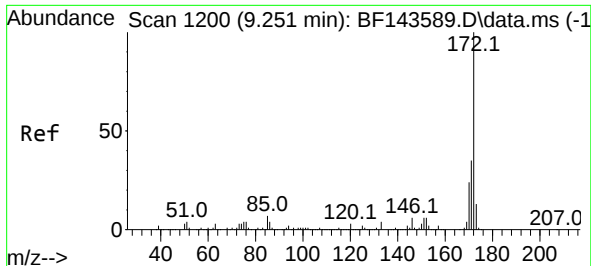
196 100

198 96.3 77.0 115.6

97 49.1 39.3 58.9

132 29.0 23.2 34.8

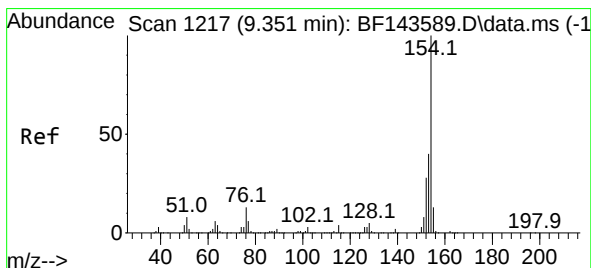
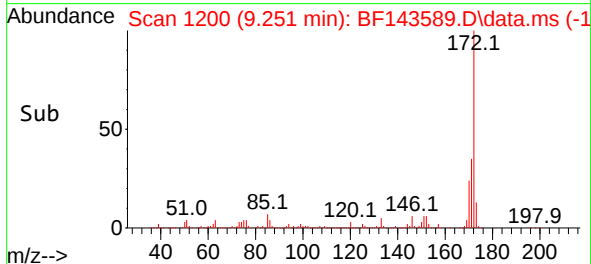
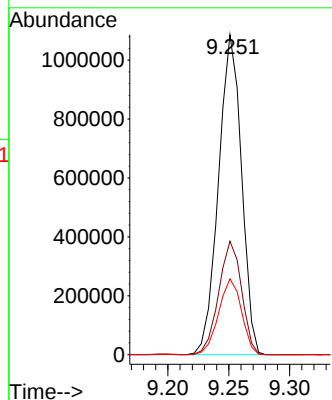
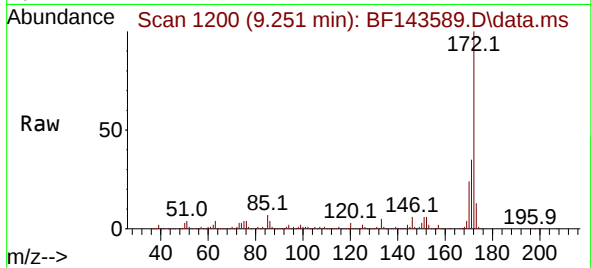




#45
2-Fluorobiphenyl
Concen: 76.584 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

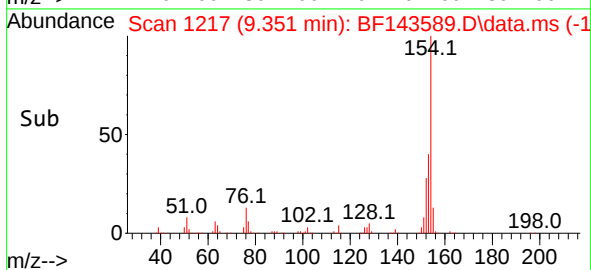
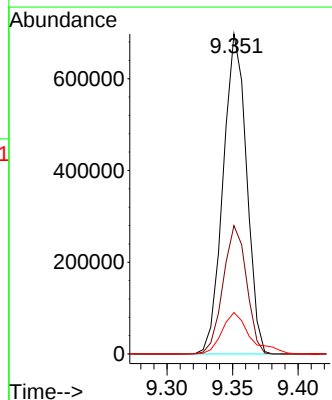
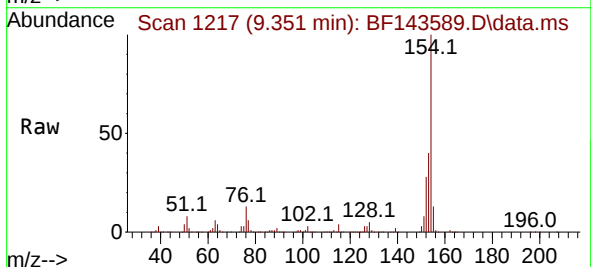
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

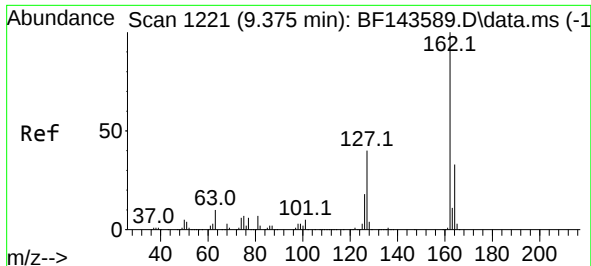
Tgt Ion:172 Resp: 1426761
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.154 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:154 Resp: 865373
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 13.0 0.0 33.0





#47

2-Chloronaphthalene

Concen: 39.621 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

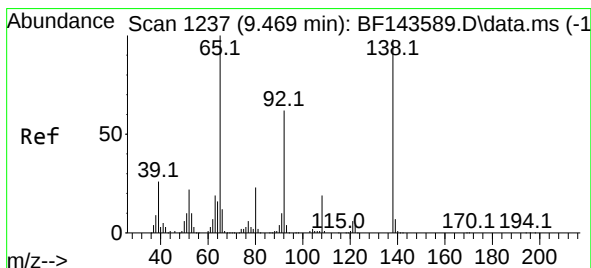
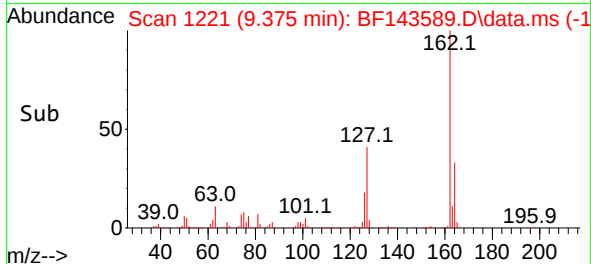
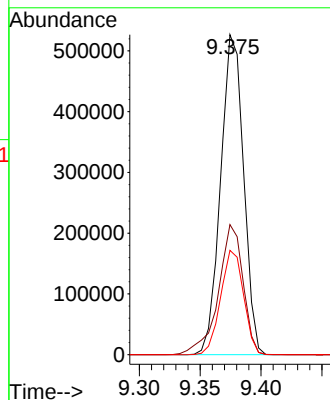
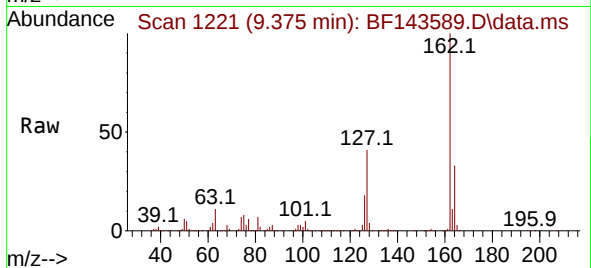
Tgt Ion:162 Resp: 691742

Ion Ratio Lower Upper

162 100

127 40.7 32.6 48.8

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 38.659 ng

RT: 9.469 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

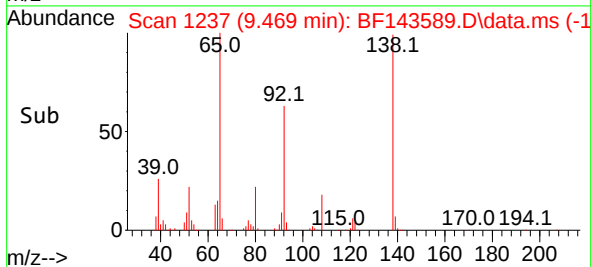
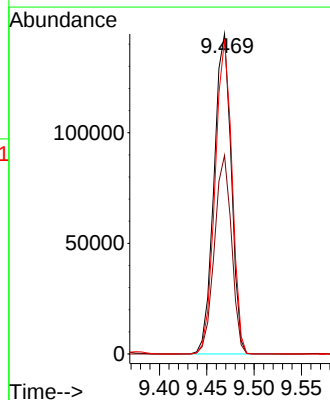
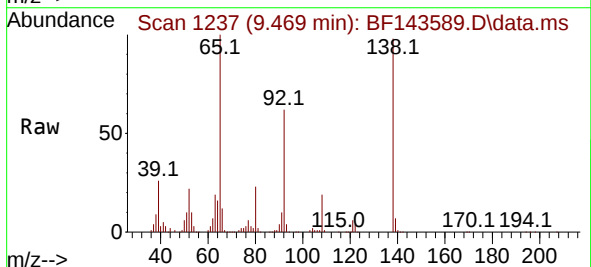
Tgt Ion: 65 Resp: 183005

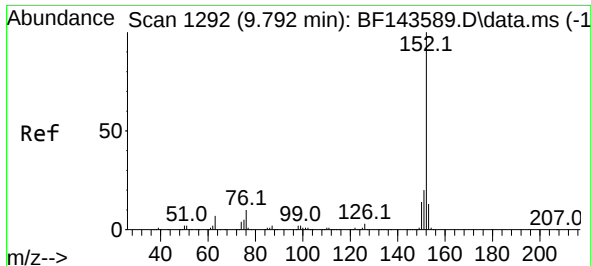
Ion Ratio Lower Upper

65 100

92 62.0 49.6 74.4

138 98.3 78.6 118.0





#49

Acenaphthylene

Concen: 39.058 ng

RT: 9.792 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

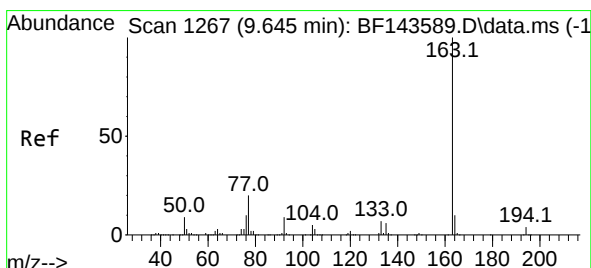
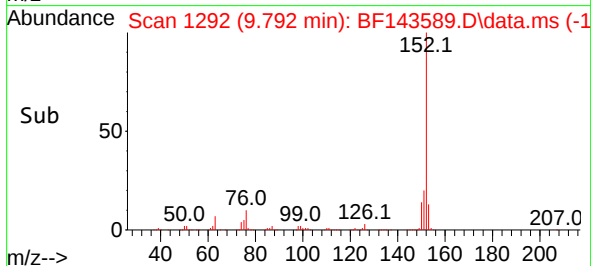
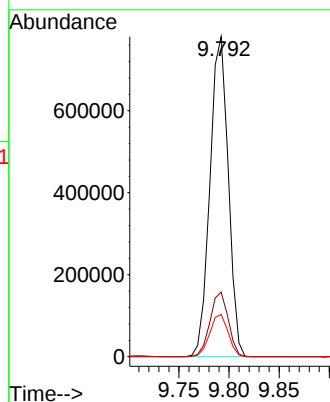
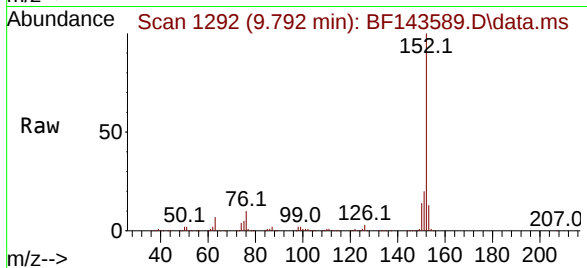
Tgt Ion:152 Resp: 992186

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 39.001 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

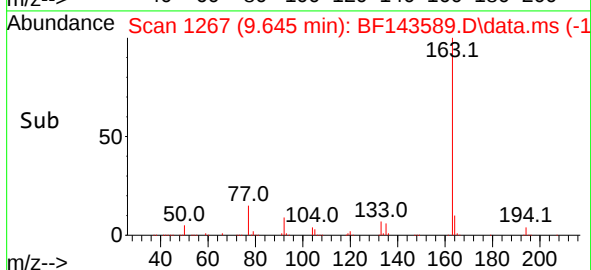
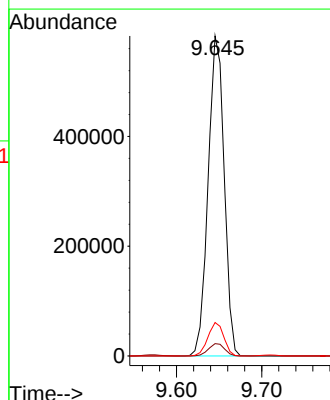
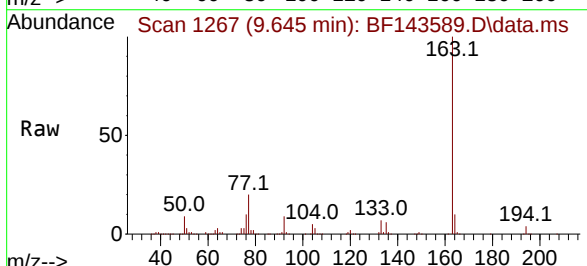
Tgt Ion:163 Resp: 764116

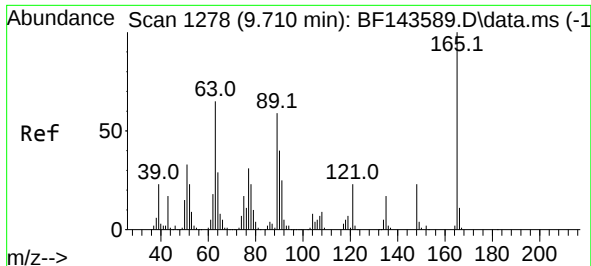
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 37.641 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

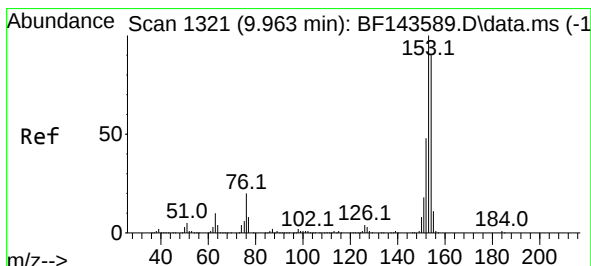
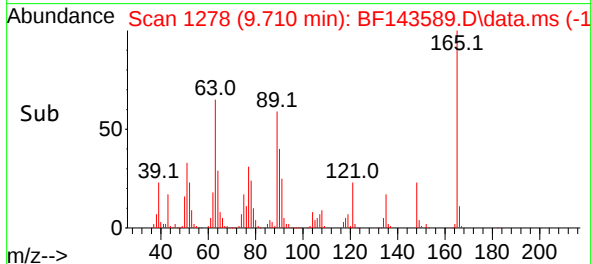
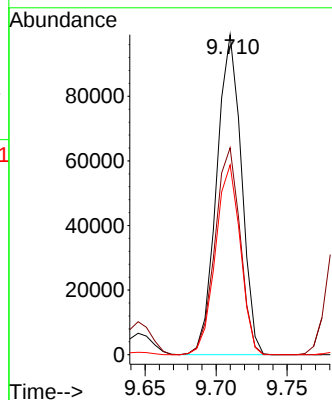
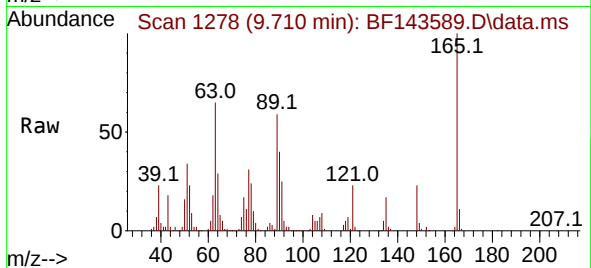
Tgt Ion:165 Resp: 120098

Ion Ratio Lower Upper

165 100

63 64.7 51.8 77.6

89 59.3 47.4 71.2



#52

Acenaphthene

Concen: 38.835 ng

RT: 9.963 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

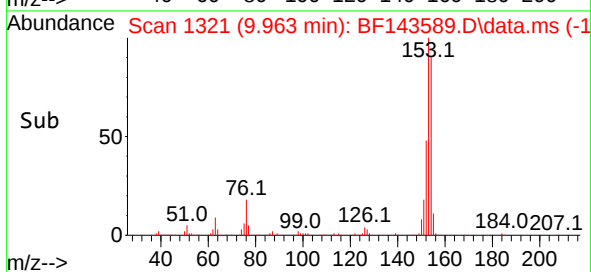
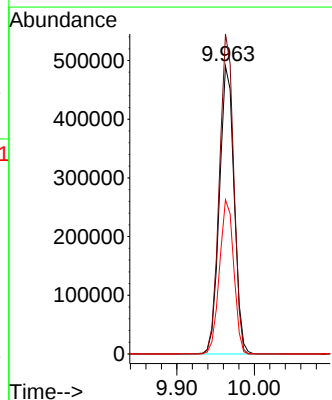
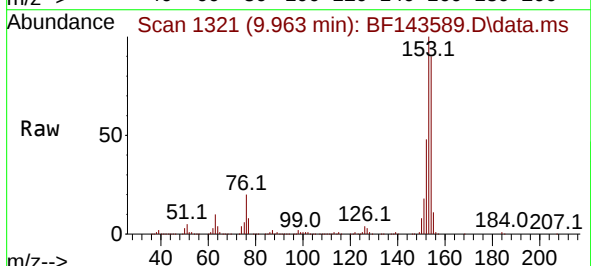
Tgt Ion:154 Resp: 646203

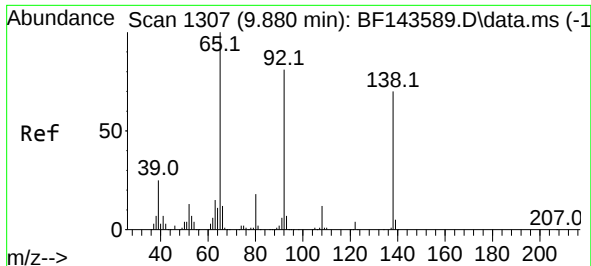
Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.4

152 53.6 42.9 64.3

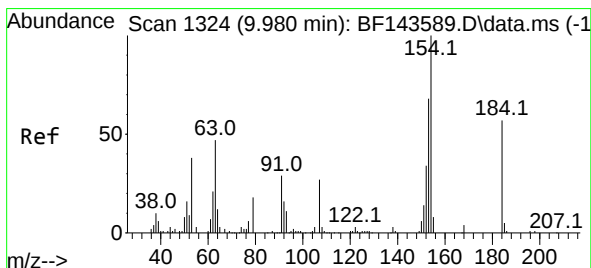
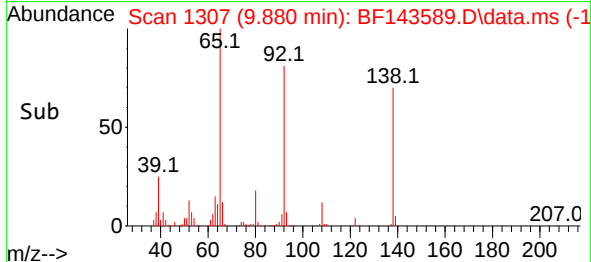
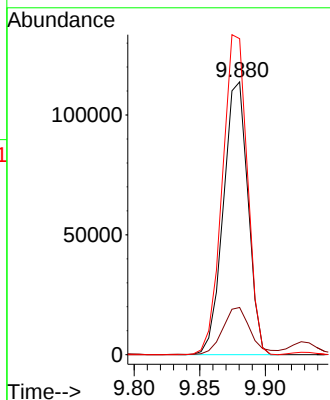
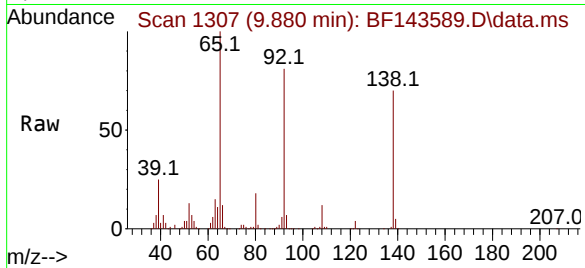




#53
3-Nitroaniline
Concen: 39.079 ng
RT: 9.880 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

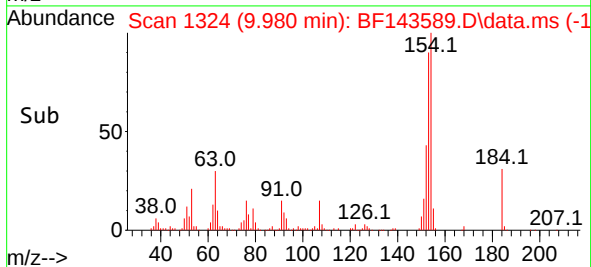
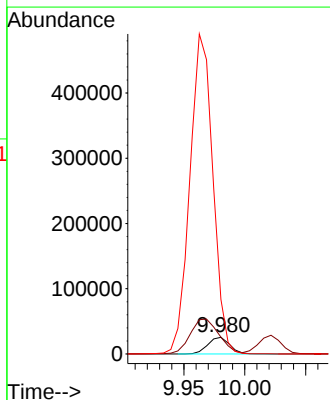
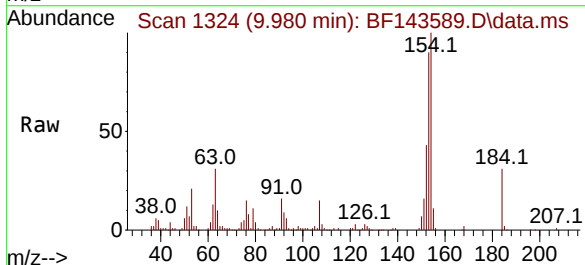
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

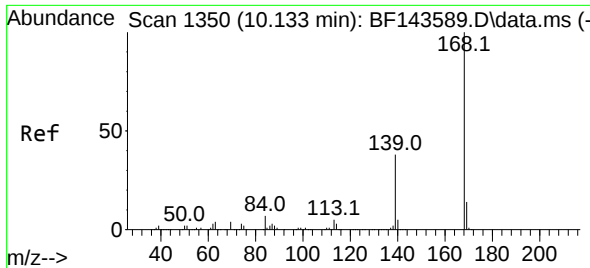
Tgt Ion:138 Resp: 148625
Ion Ratio Lower Upper
138 100
108 17.3 13.8 20.8
92 115.8 92.6 139.0



#54
2,4-Dinitrophenol
Concen: 37.216 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:184 Resp: 31823
Ion Ratio Lower Upper
184 100
63 101.1 80.9 121.3
154 327.5 262.0 393.0

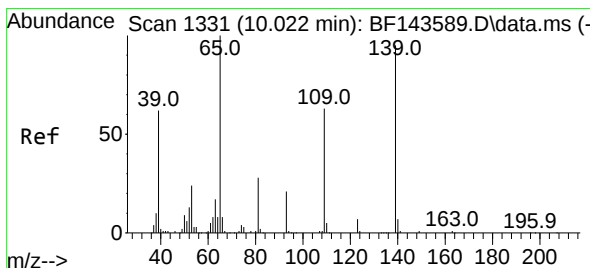
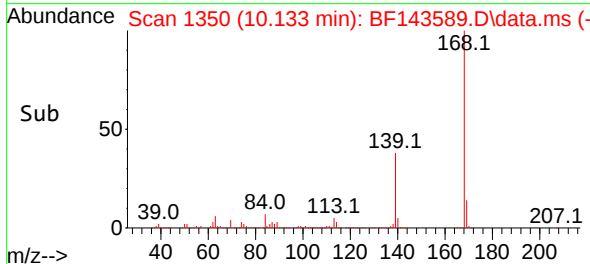
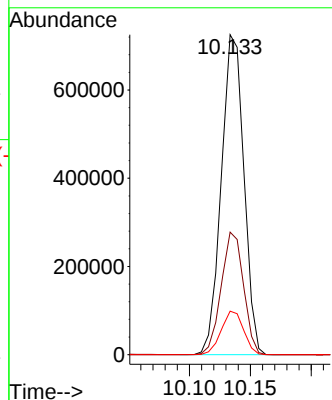
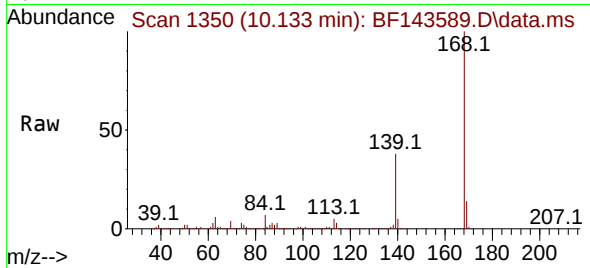




#55
Dibenzofuran
Concen: 38.393 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

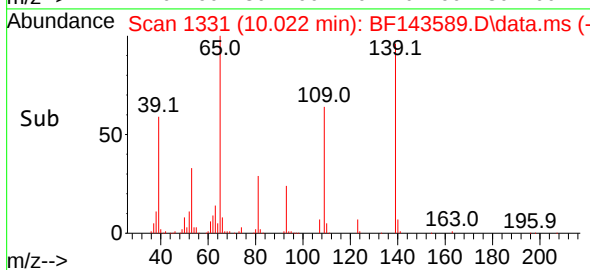
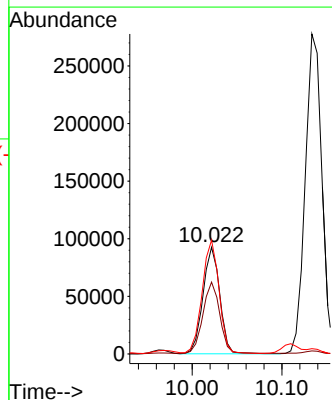
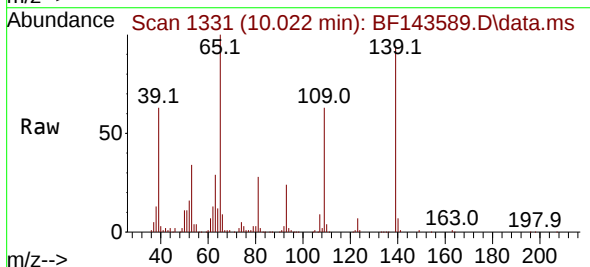
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

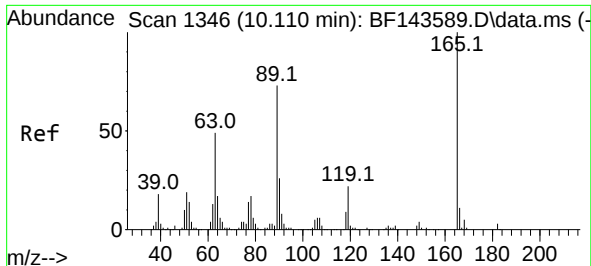
Tgt Ion:168 Resp: 936624
Ion Ratio Lower Upper
168 100
139 38.3 30.6 46.0
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 38.632 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:139 Resp: 120396
Ion Ratio Lower Upper
139 100
109 67.3 47.3 87.3
65 106.8 86.8 126.8

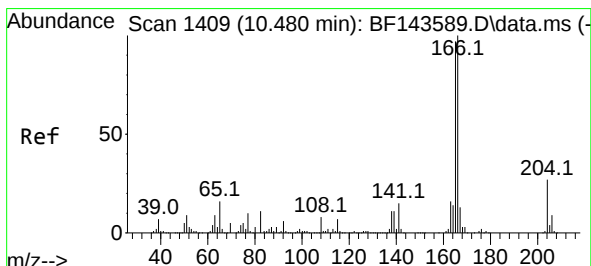
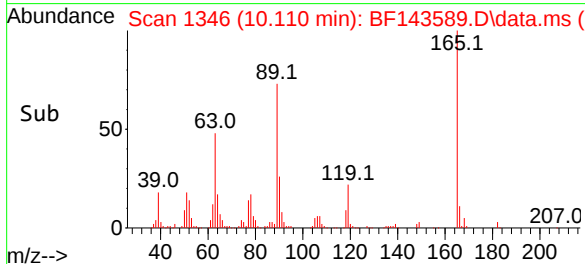
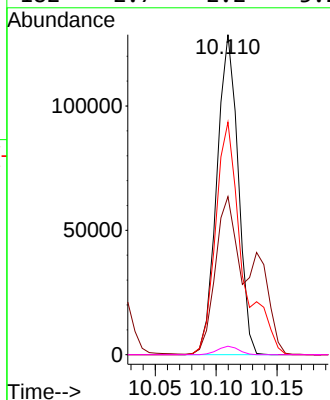
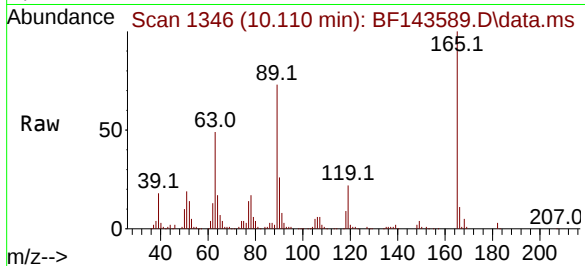




#57
2,4-Dinitrotoluene
Concen: 37.431 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

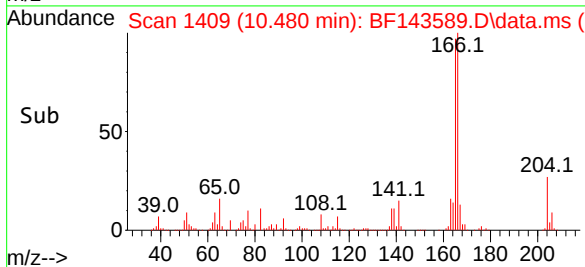
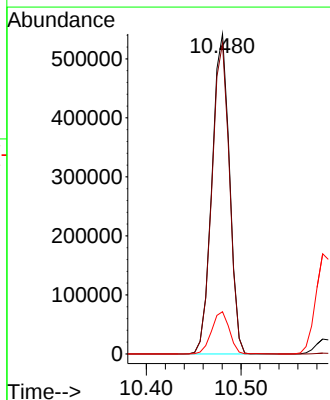
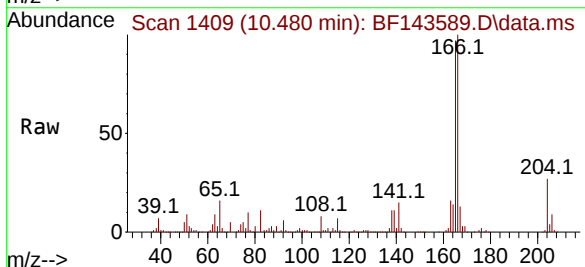
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

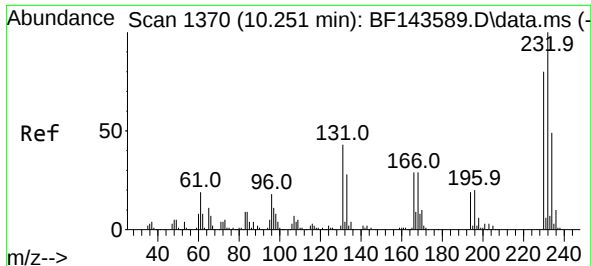
Tgt Ion:165 Resp: 156612
Ion Ratio Lower Upper
165 100
63 49.4 39.5 59.3
89 72.6 58.1 87.1
182 2.7 2.2 3.2



#58
Fluorene
Concen: 37.859 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:166 Resp: 693445
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.2 10.6 15.8

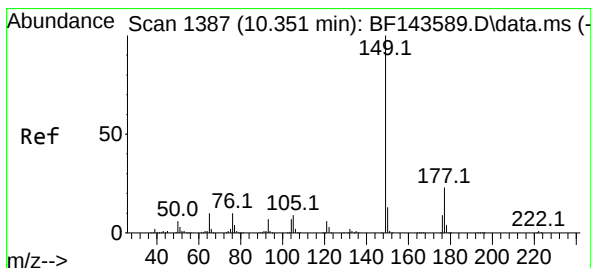
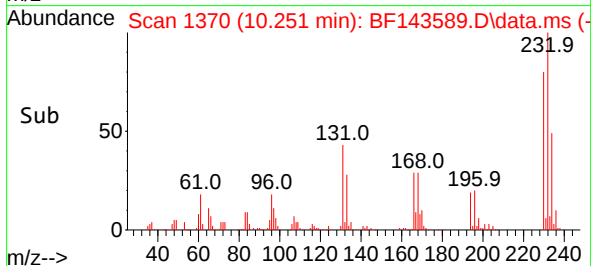
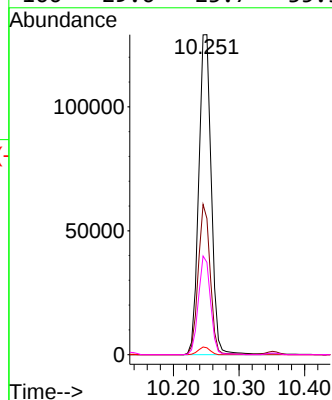
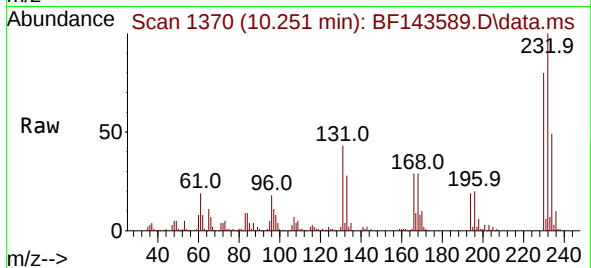




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.137 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

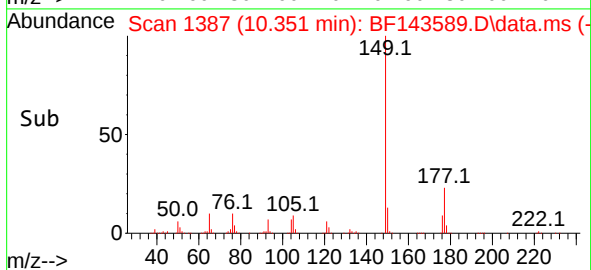
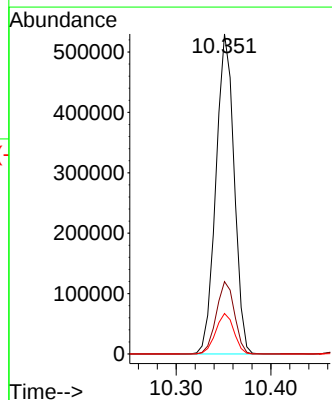
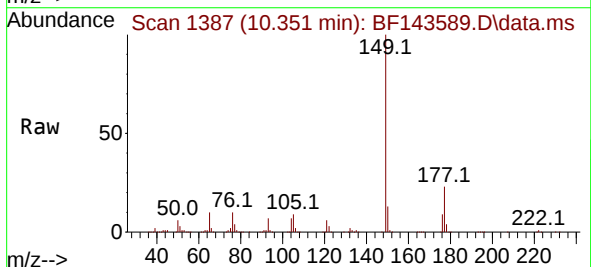
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

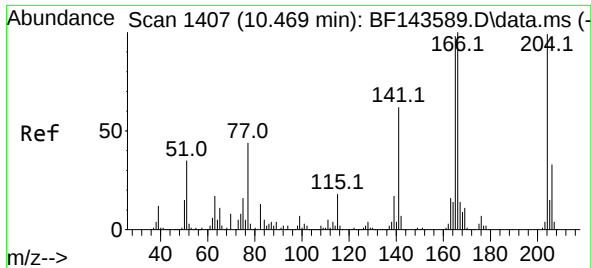
Tgt Ion:232 Resp: 172339
Ion Ratio Lower Upper
232 100
131 44.9 35.9 53.9
130 2.3 1.8 2.8
166 29.6 23.7 35.5



#60
Diethylphthalate
Concen: 38.516 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:149 Resp: 707196
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.6 10.1 15.1

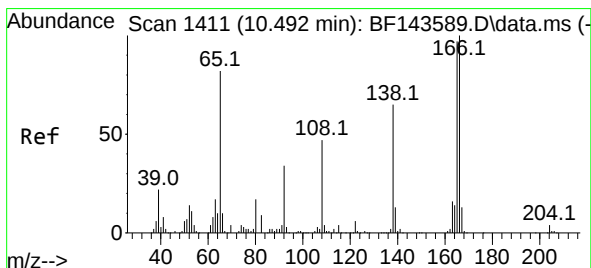
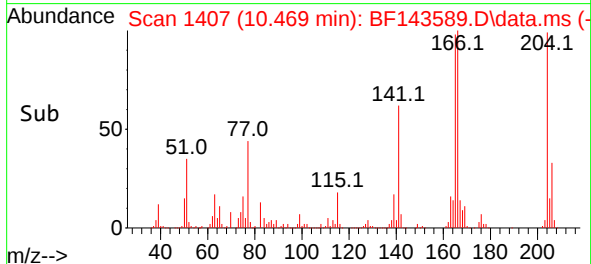
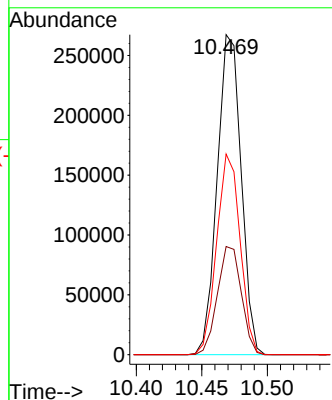
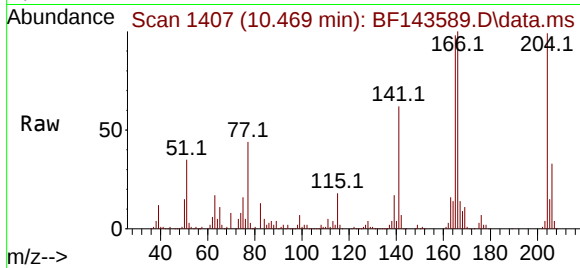




#61
4-Chlorophenyl-phenylether
Concen: 37.919 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

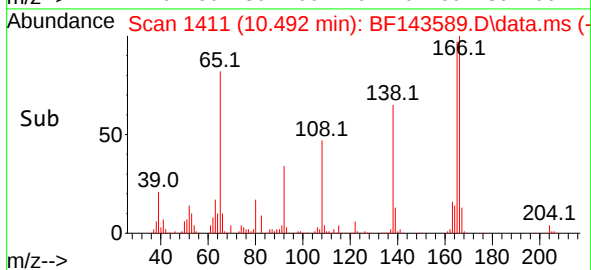
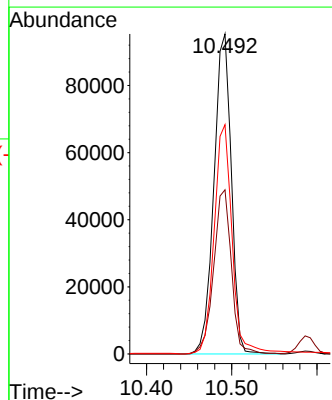
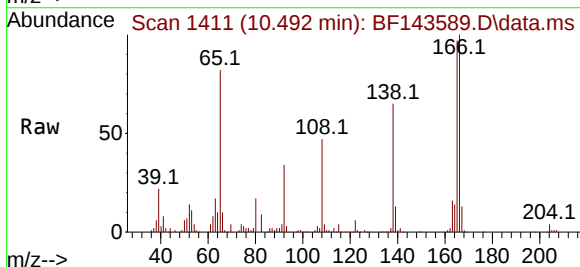
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

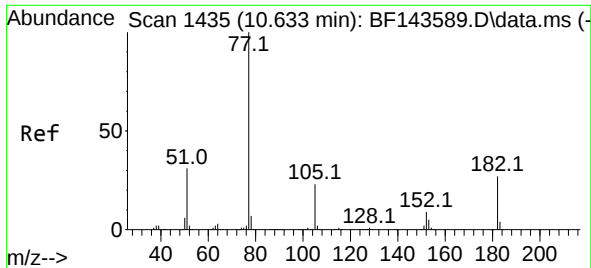
Tgt Ion:204 Resp: 339673
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.6
141 62.7 50.2 75.2



#62
4-Nitroaniline
Concen: 37.853 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:138 Resp: 135114
Ion Ratio Lower Upper
138 100
92 51.3 31.3 71.3
108 71.6 51.6 91.6

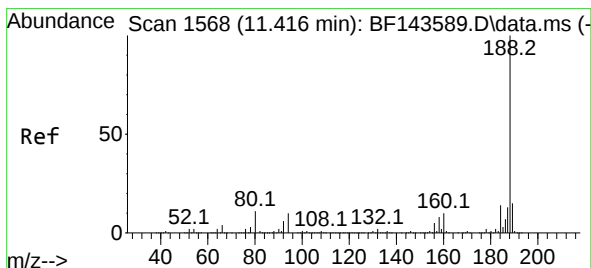
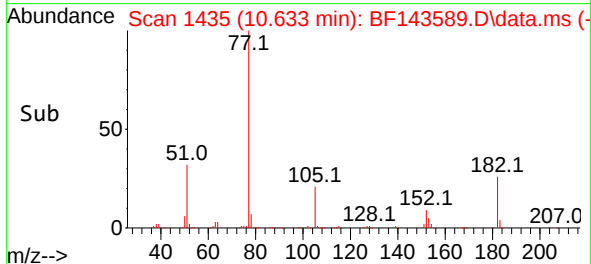
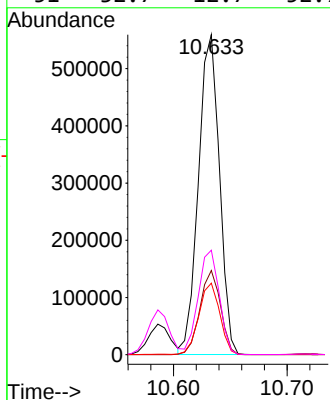
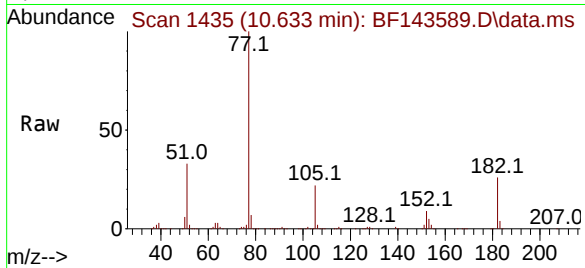




#63
Azobenzene
Concen: 38.616 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

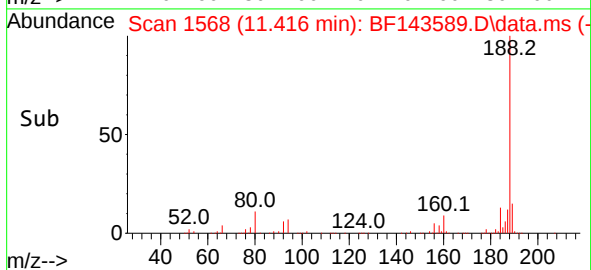
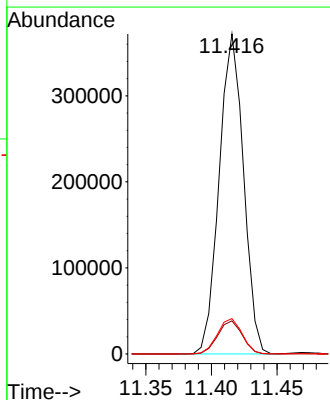
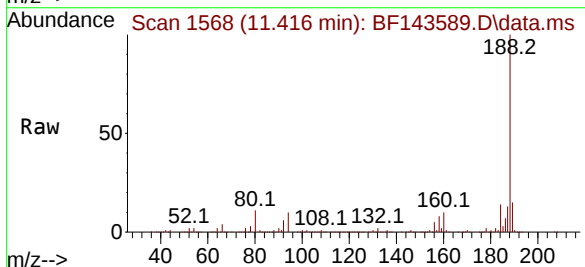
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

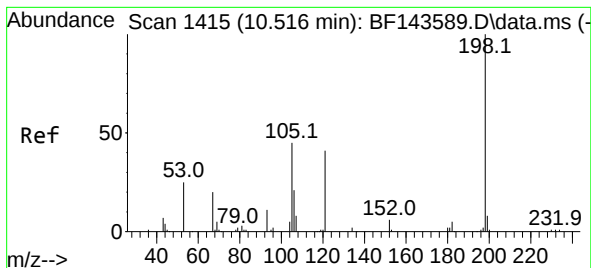
Tgt Ion:	77	Resp:	718876
Ion	Ratio	Lower	Upper
77	100		
182	26.3	6.3	46.3
105	22.4	2.4	42.4
51	32.7	12.7	52.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:	188	Resp:	479444
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	11.1	8.9	13.3

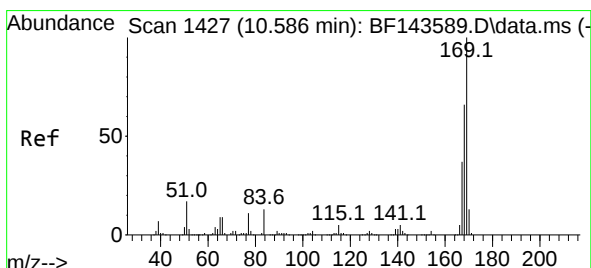
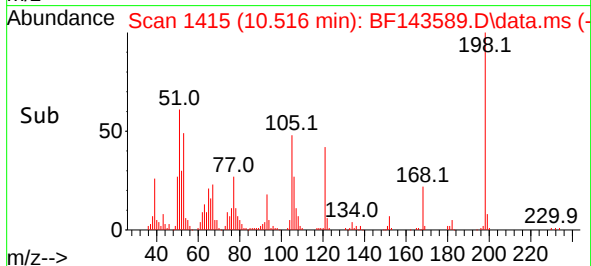
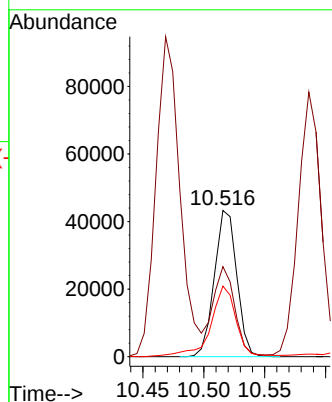
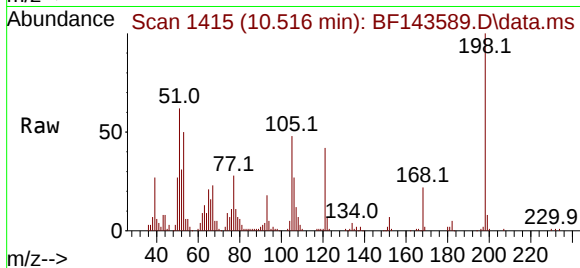




#65
4,6-Dinitro-2-methylphenol
Concen: 38.129 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

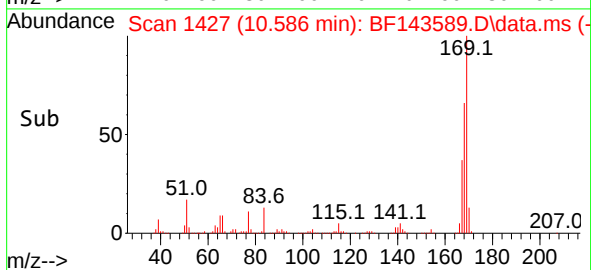
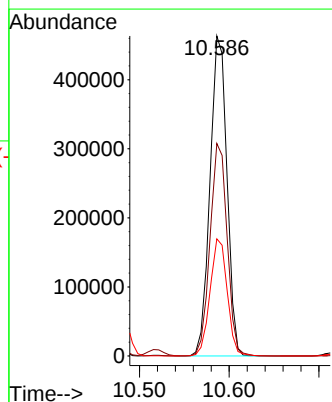
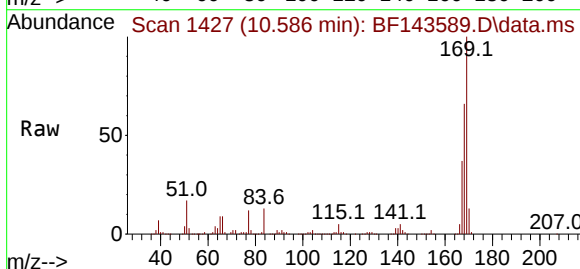
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

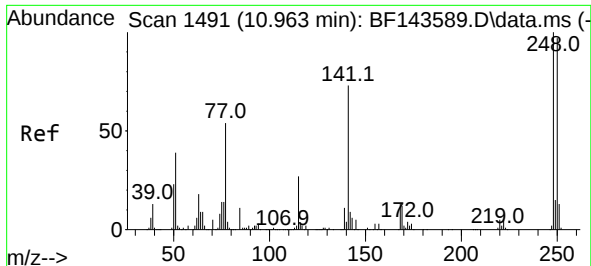
Tgt Ion:198 Resp: 55347
Ion Ratio Lower Upper
198 100
51 61.5 41.5 81.5
105 48.2 28.2 68.2



#66
n-Nitrosodiphenylamine
Concen: 39.747 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:169 Resp: 606144
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.6 29.3 43.9

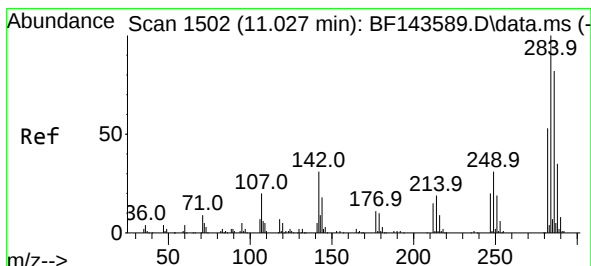
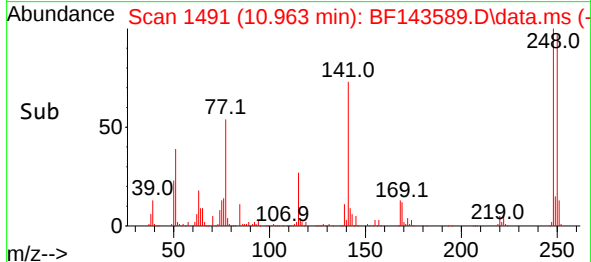
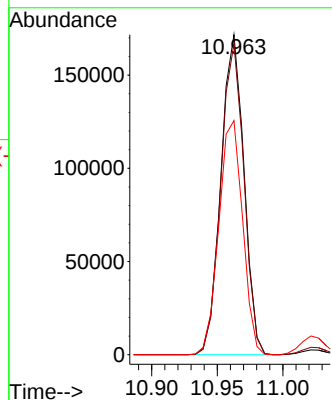
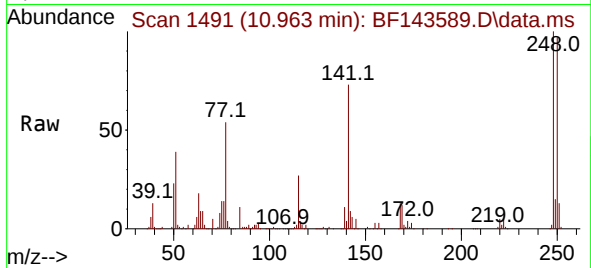




#67
4-Bromophenyl-phenylether
Concen: 40.478 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

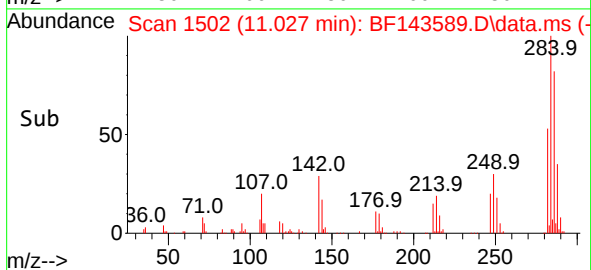
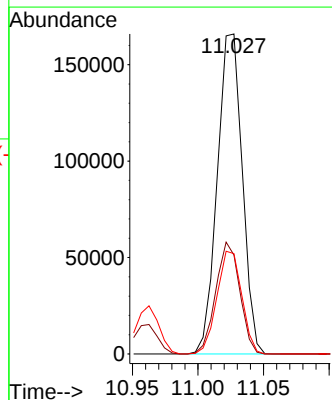
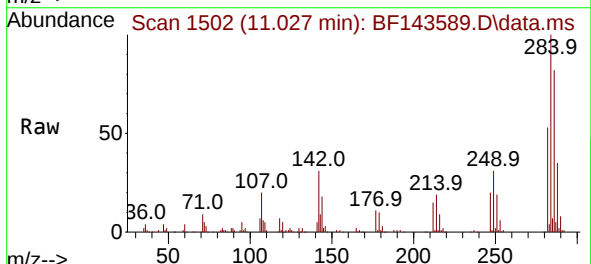
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

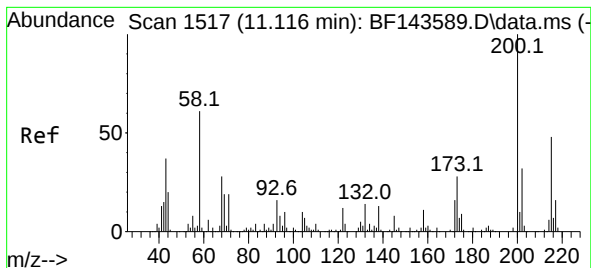
Tgt Ion:248 Resp: 209918
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 73.1 58.5 87.7



#68
Hexachlorobenzene
Concen: 39.638 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:284 Resp: 219878
Ion Ratio Lower Upper
284 100
142 30.9 24.7 37.1
249 31.3 25.0 37.6





#69

Atrazine

Concen: 39.604 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

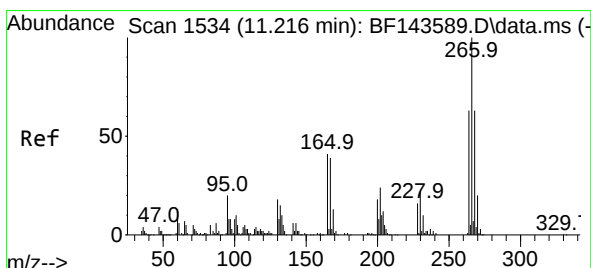
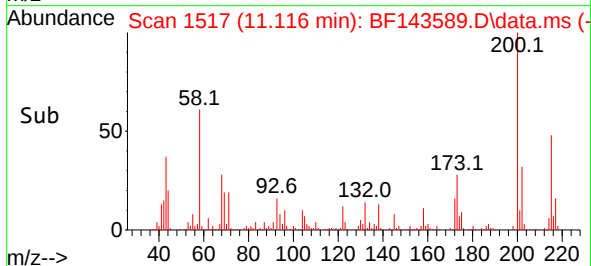
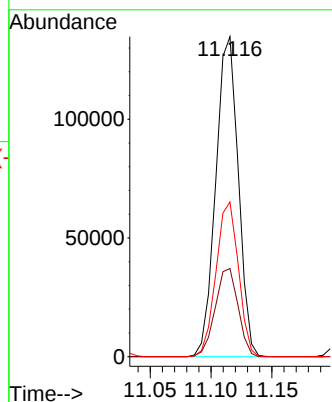
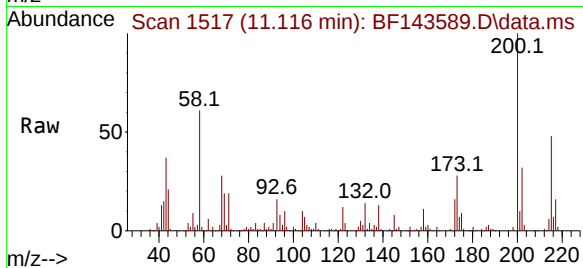
Tgt Ion:200 Resp: 173611

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

215 48.3 28.3 68.3



#70

Pentachlorophenol

Concen: 42.157 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

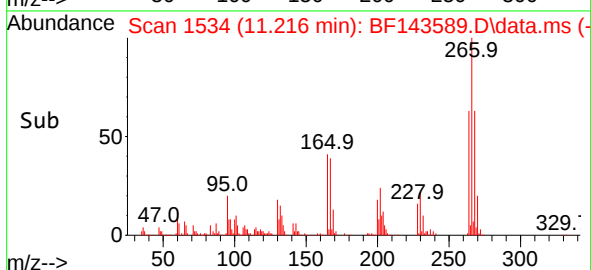
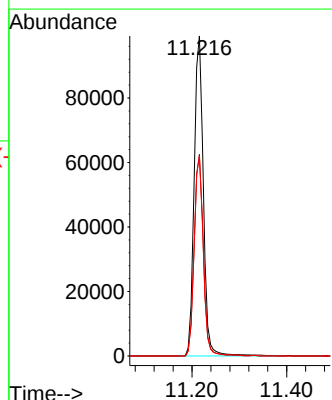
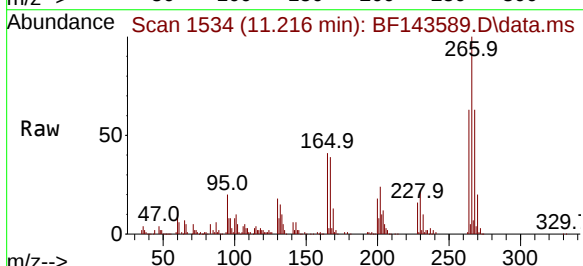
Tgt Ion:266 Resp: 133606

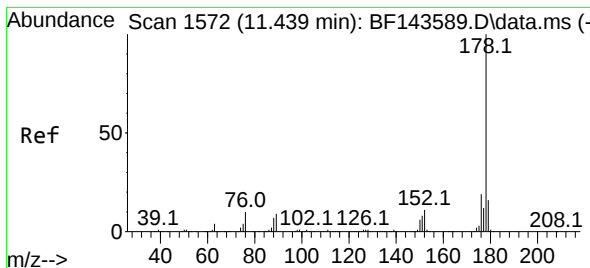
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

264 62.6 50.1 75.1

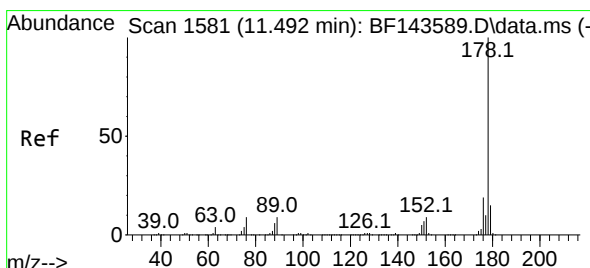
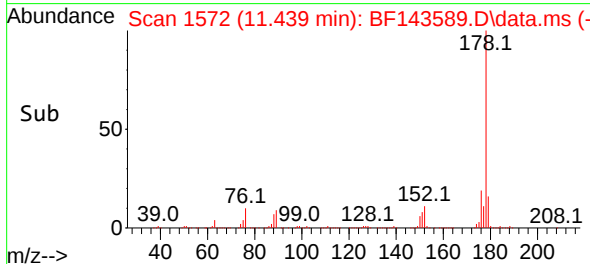
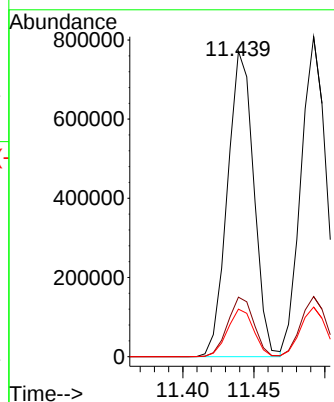
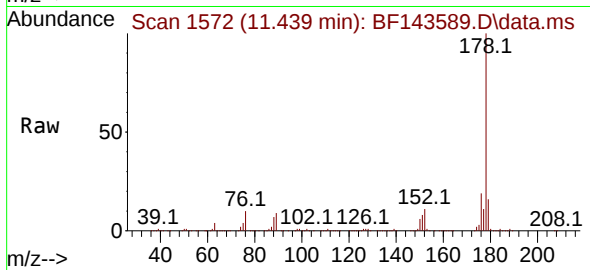




#71
Phenanthrene
Concen: 38.852 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

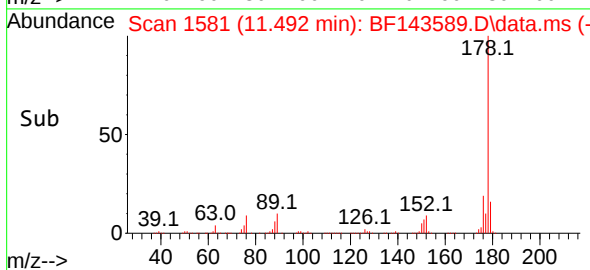
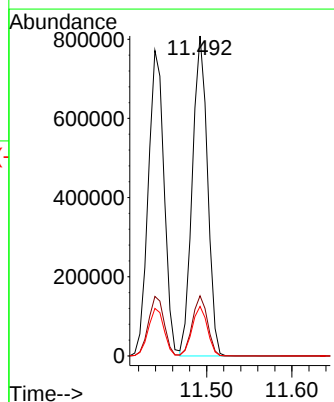
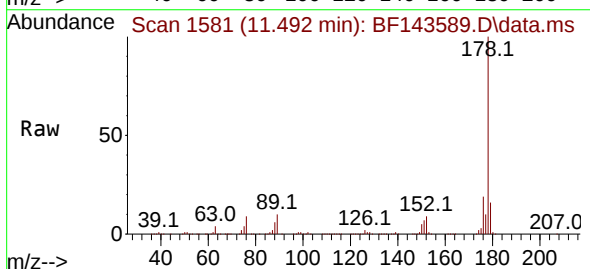
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

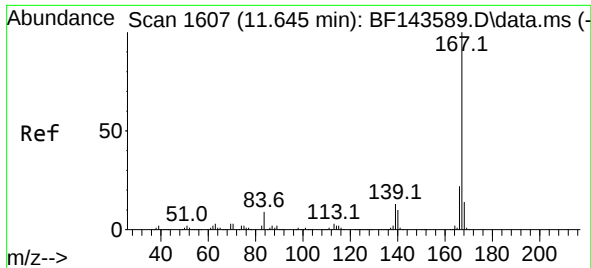
Tgt Ion:178 Resp: 997324
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 38.584 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:178 Resp: 998143
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.4 18.6

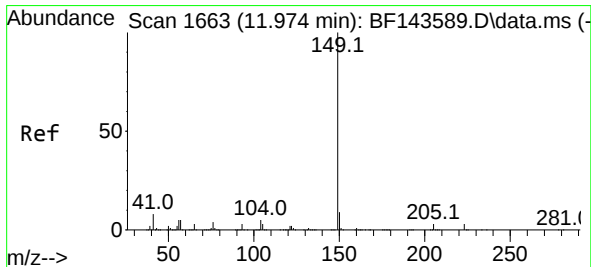
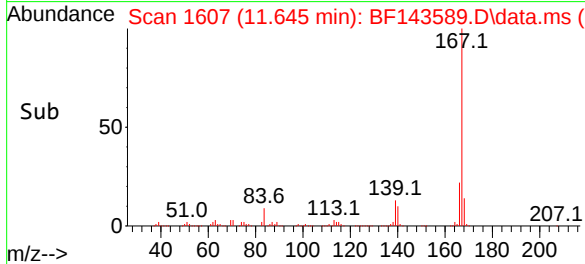
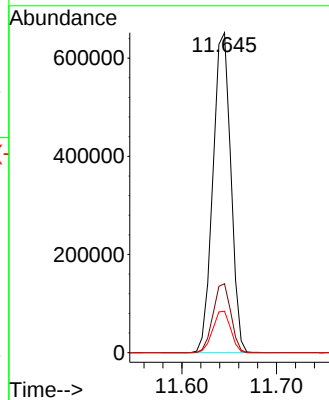
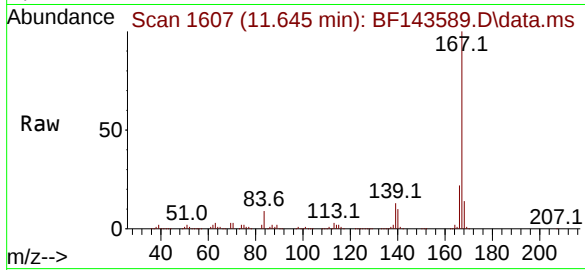




#73
Carbazole
Concen: 38.239 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

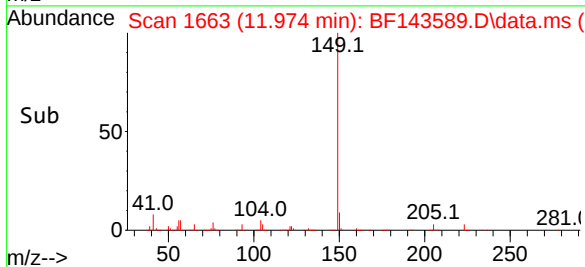
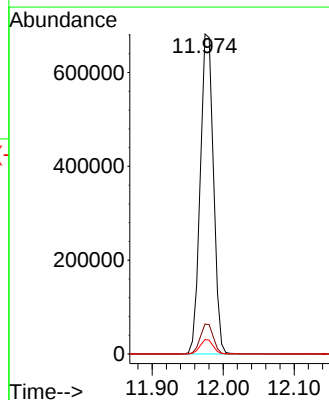
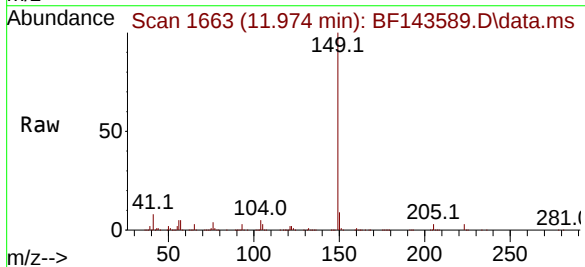
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

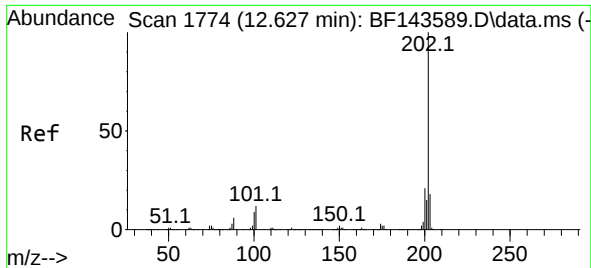
Tgt Ion:167 Resp: 855082
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 13.0 10.4 15.6



#74
Di-n-butylphthalate
Concen: 38.870 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:149 Resp: 885338
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.5 3.6 5.4

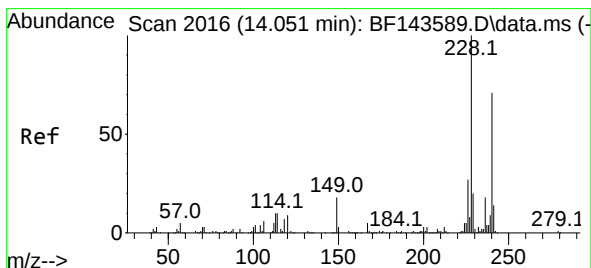
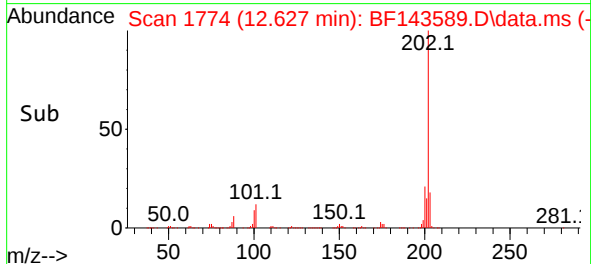
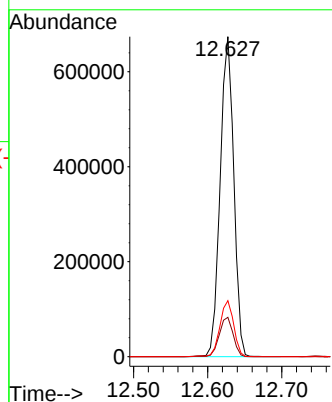
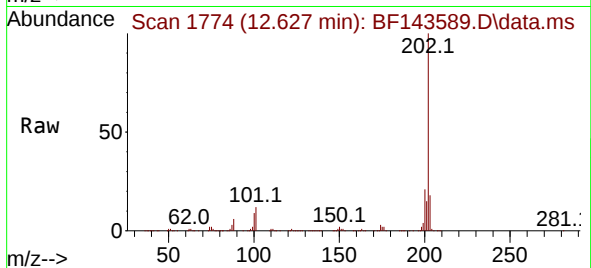




#75
Fluoranthene
Concen: 36.685 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

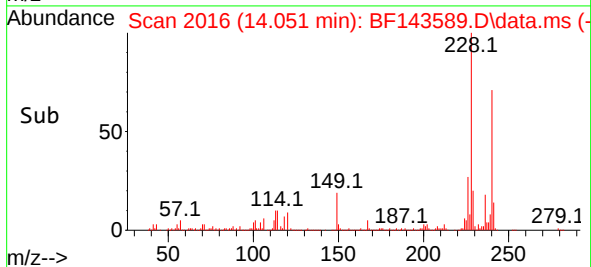
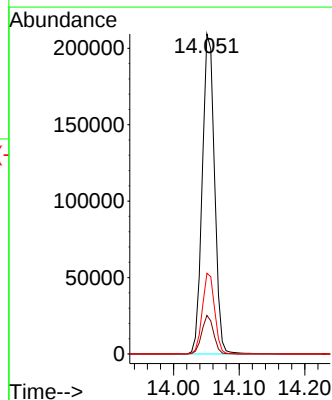
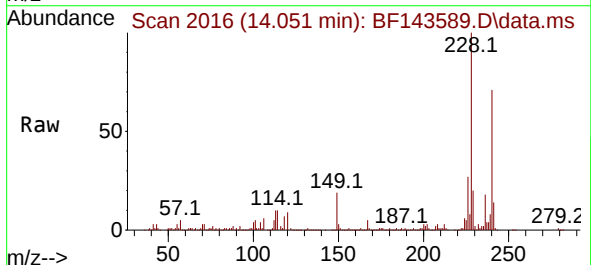
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

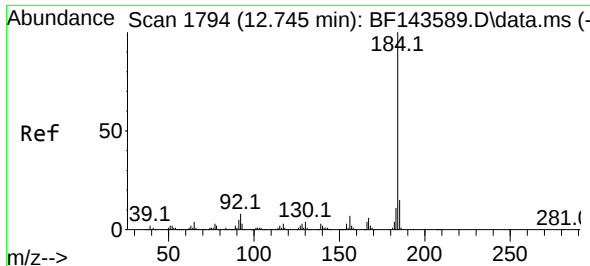
Tgt Ion:202 Resp: 859839
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.3
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:240 Resp: 273832
Ion Ratio Lower Upper
240 100
120 12.0 9.6 14.4
236 25.2 20.2 30.2

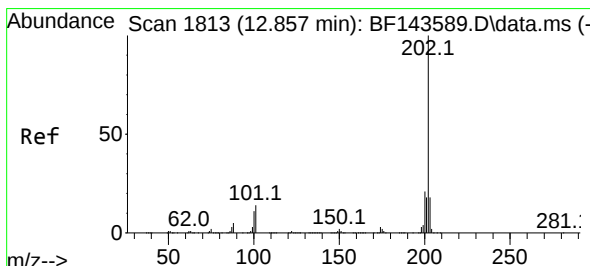
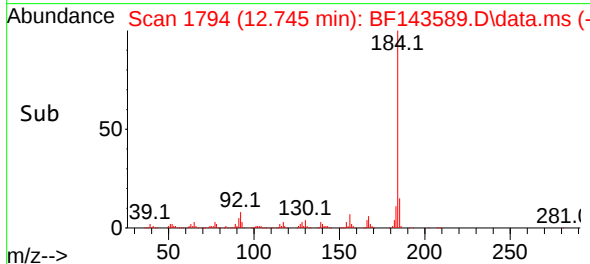
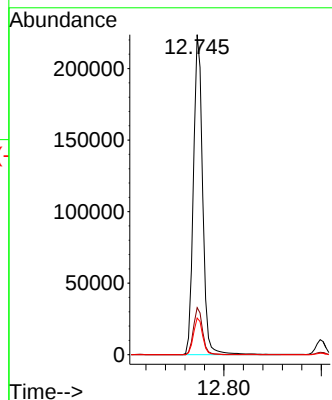
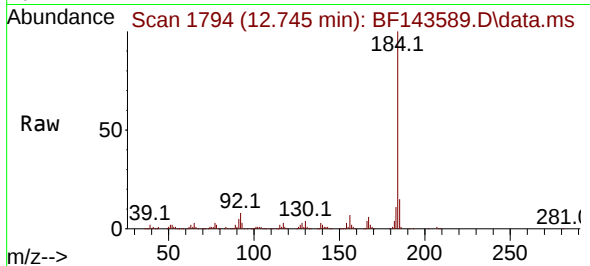




#77
Benzidine
Concen: 45.437 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

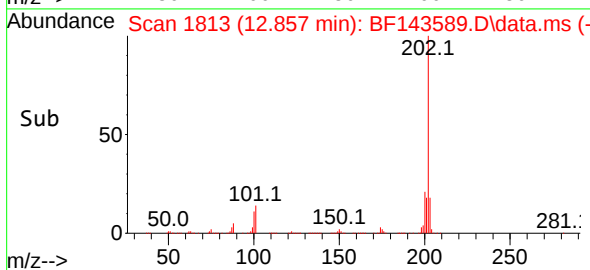
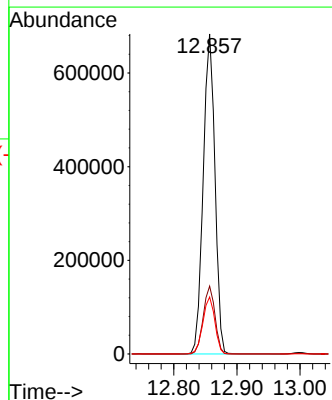
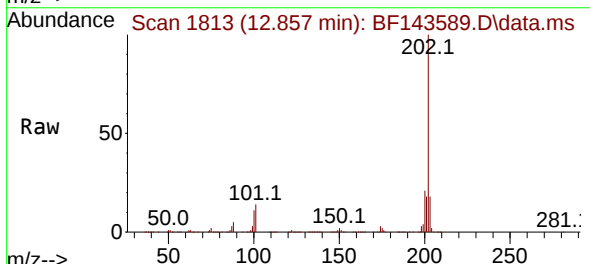
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

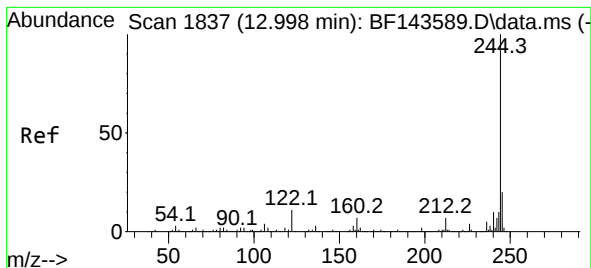
Tgt Ion:184 Resp: 294704
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.4 9.1 13.7



#78
Pyrene
Concen: 38.452 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:202 Resp: 881203
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 74.939 ng

RT: 12.998 min Scan# 1143550

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

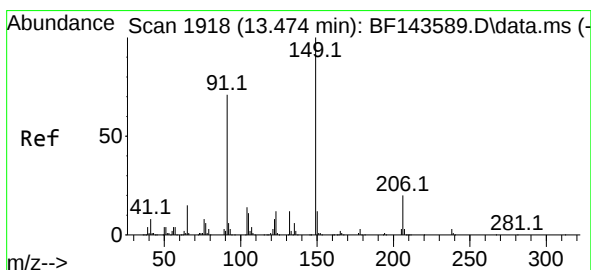
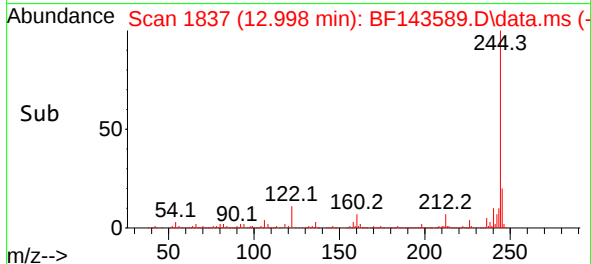
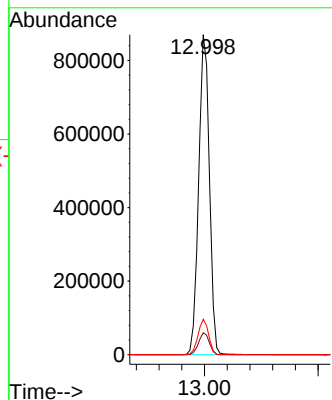
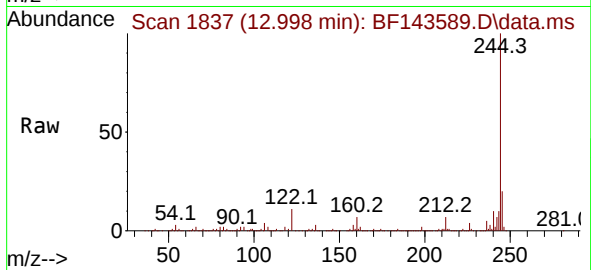
Tgt Ion:244 Resp: 1143550

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 39.277 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

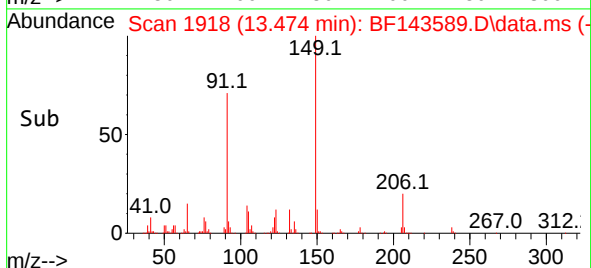
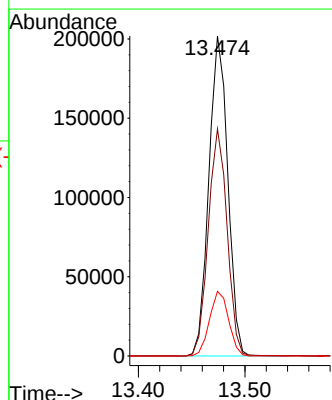
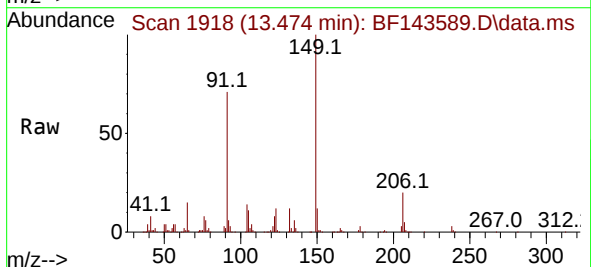
Tgt Ion:149 Resp: 249520

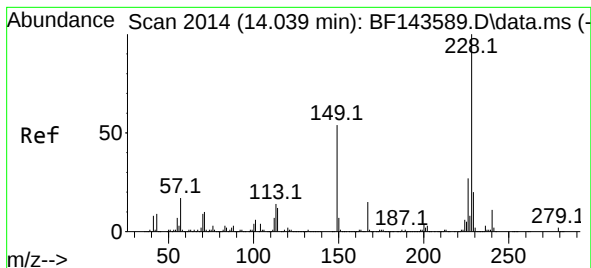
Ion Ratio Lower Upper

149 100

91 71.0 56.8 85.2

206 20.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.952 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

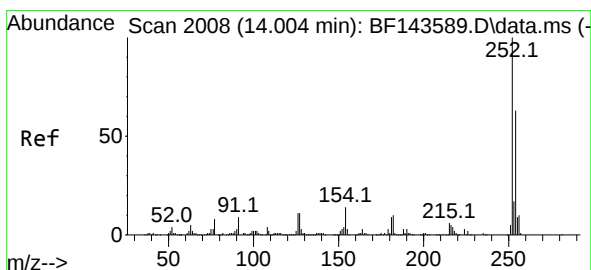
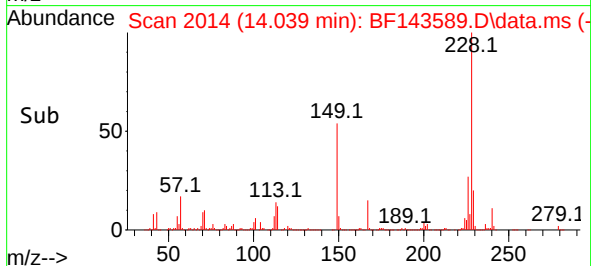
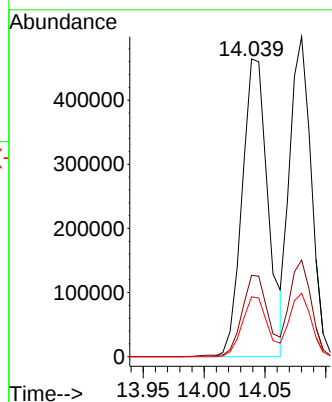
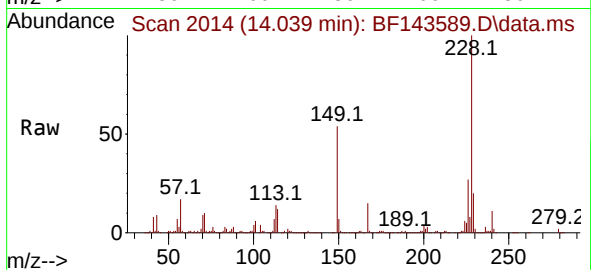
Tgt Ion:228 Resp: 688271

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 44.260 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

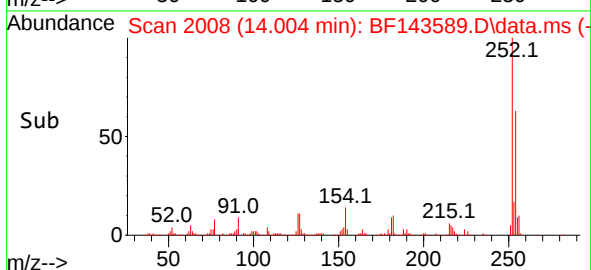
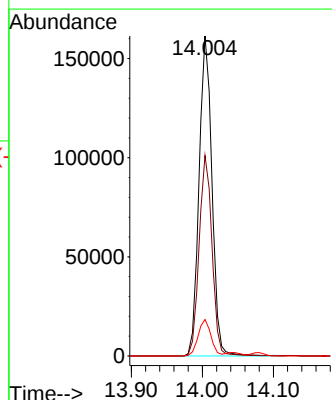
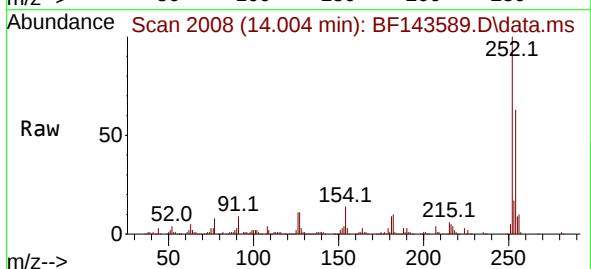
Tgt Ion:252 Resp: 204431

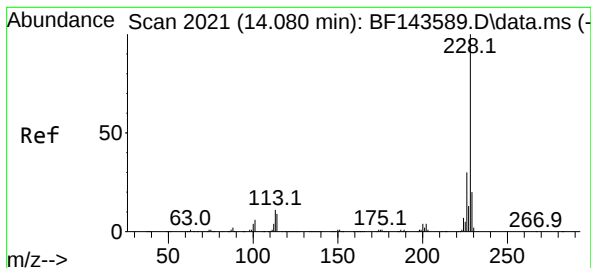
Ion Ratio Lower Upper

252 100

254 62.7 50.2 75.2

126 11.4 9.1 13.7





#83

Chrysene

Concen: 38.389 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

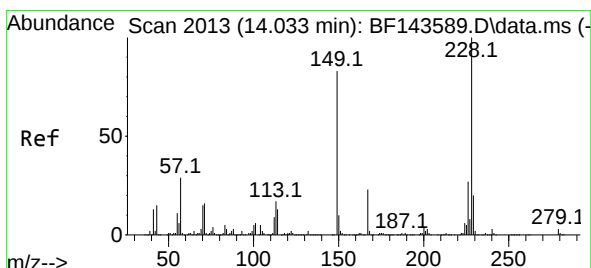
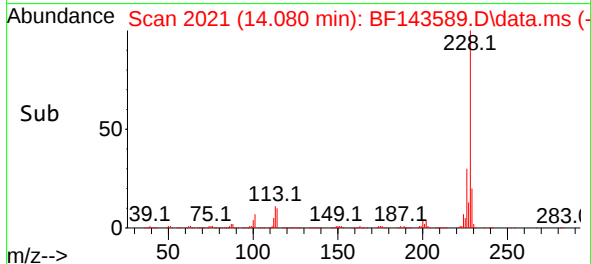
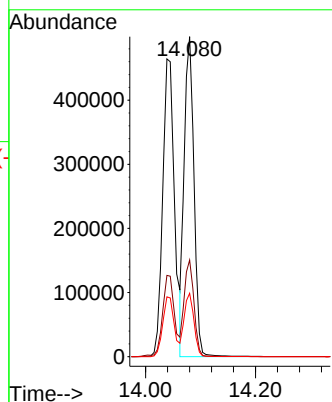
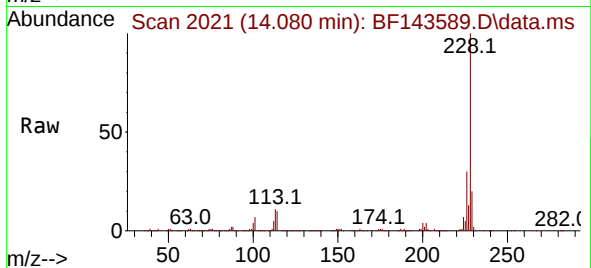
Tgt Ion:228 Resp: 616340

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.731 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

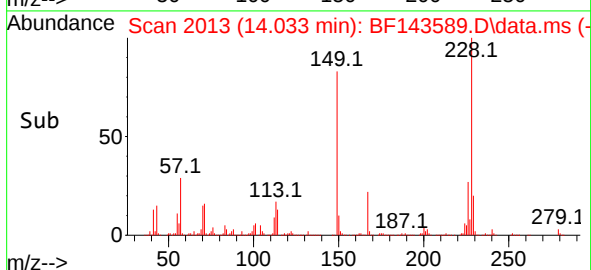
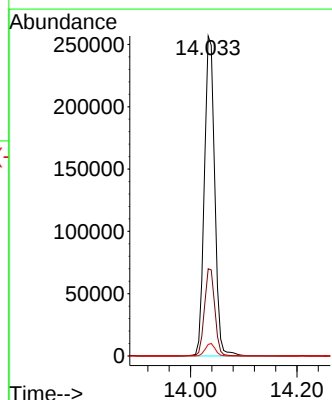
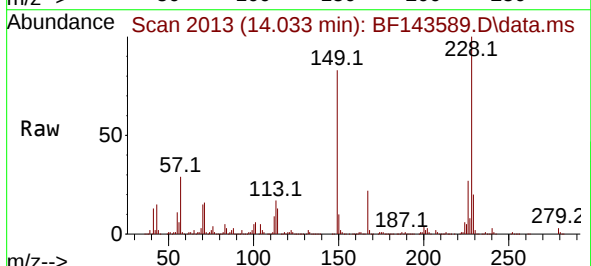
Tgt Ion:149 Resp: 345979

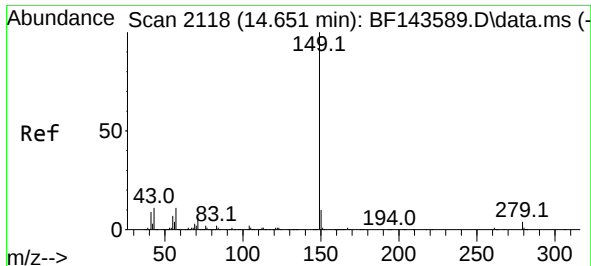
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 3.6 2.9 4.3

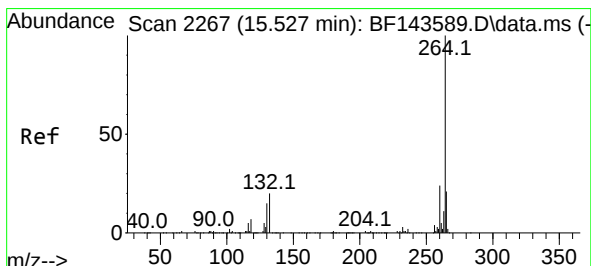
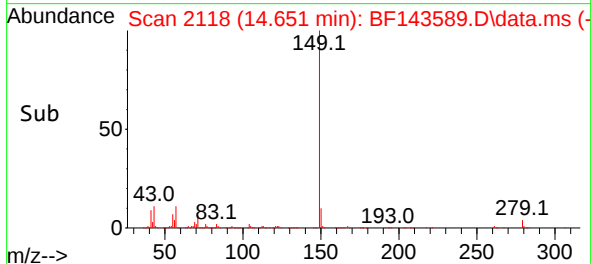
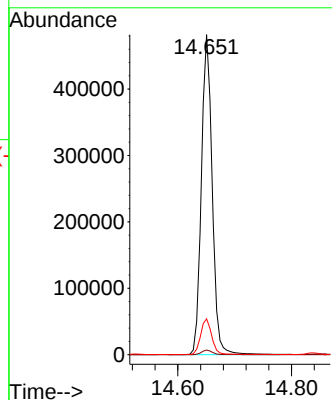
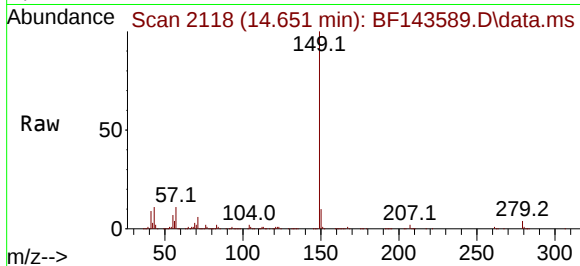




#85
Di-n-octyl phthalate
Concen: 41.800 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

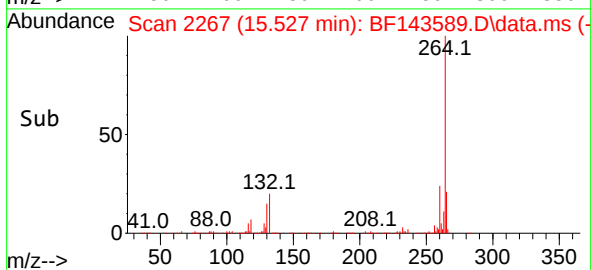
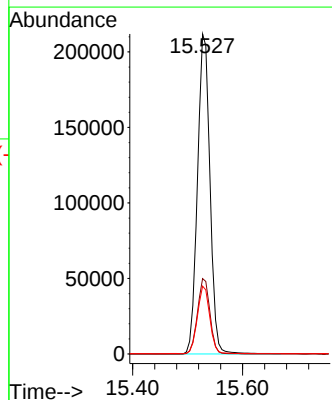
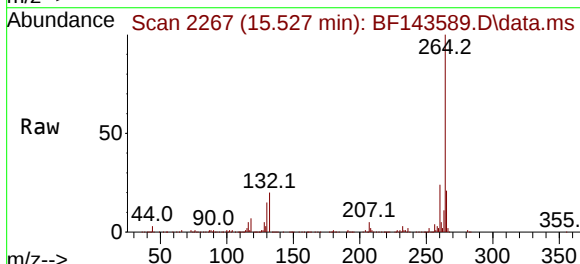
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

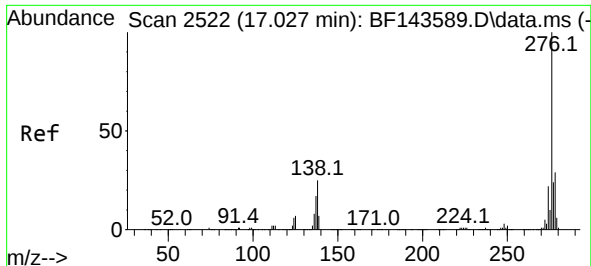
Tgt Ion:149 Resp: 638918
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.9 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:264 Resp: 334519
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.2 17.0 25.4

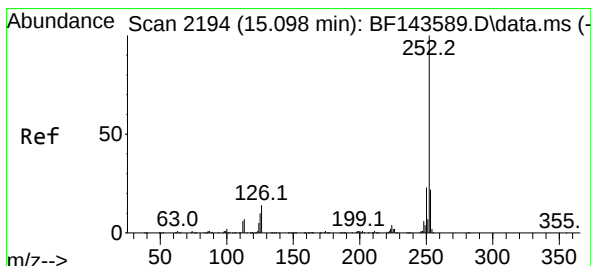
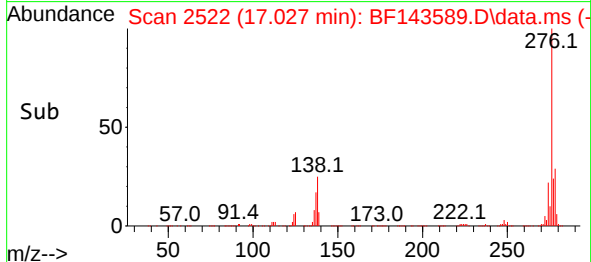
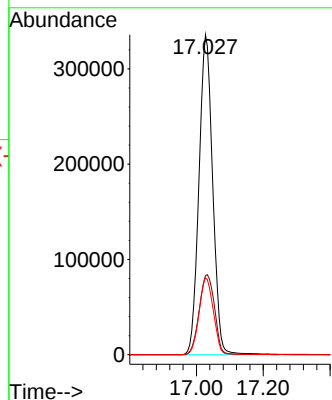
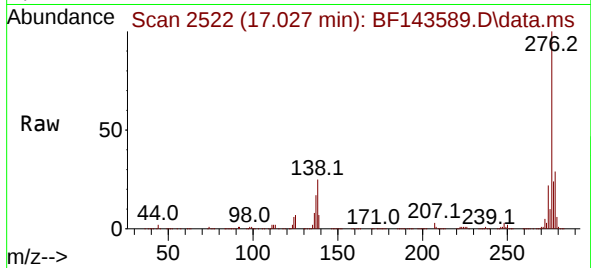




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.014 ng
 RT: 17.027 min Scan# 2194
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

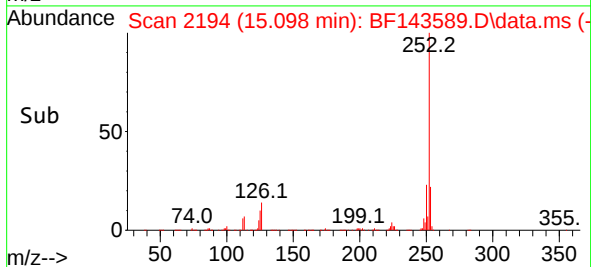
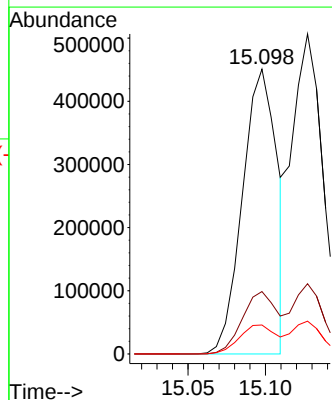
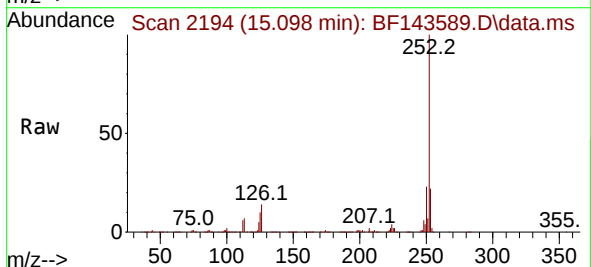
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

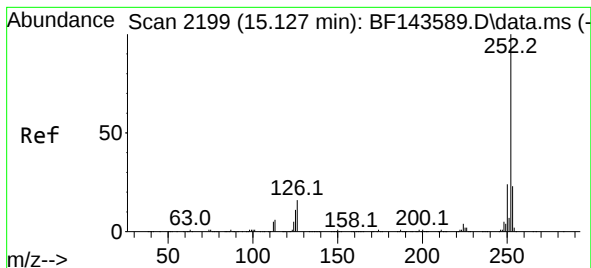
Tgt Ion:276 Resp: 956205
 Ion Ratio Lower Upper
 276 100
 138 27.9 22.3 33.5
 277 25.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 36.584 ng
 RT: 15.098 min Scan# 2194
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

Tgt Ion:252 Resp: 699249
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 10.2 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 39.719 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

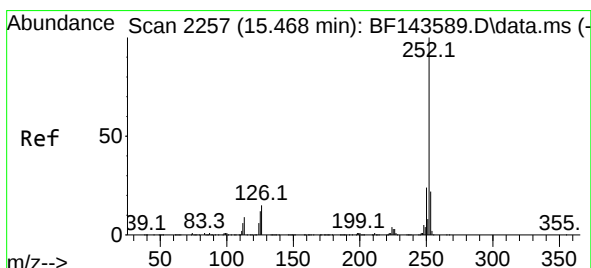
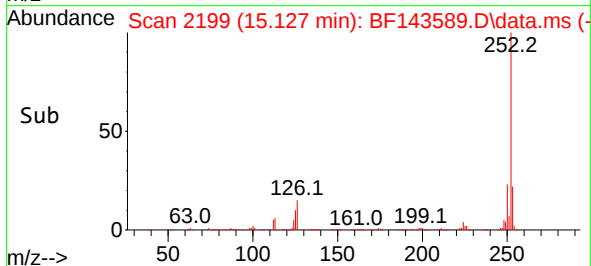
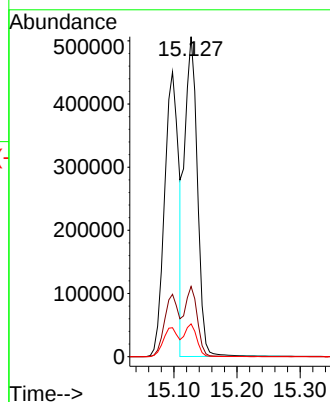
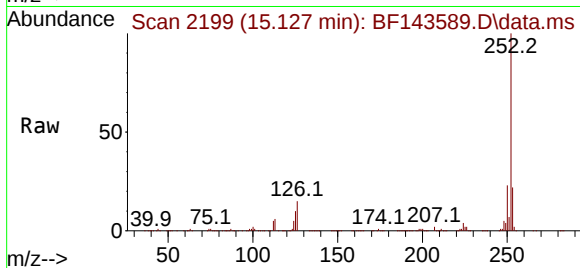
Tgt Ion:252 Resp: 709824

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.870 ng

RT: 15.468 min Scan# 2257

Delta R.T. 0.000 min

Lab File: BF143589.D

Acq: 26 Aug 2025 11:06

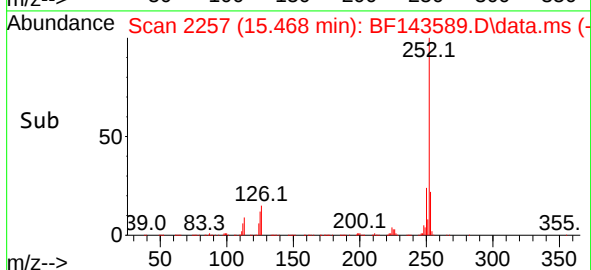
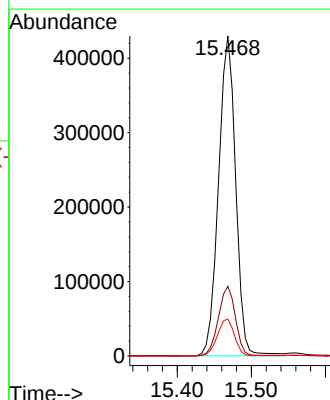
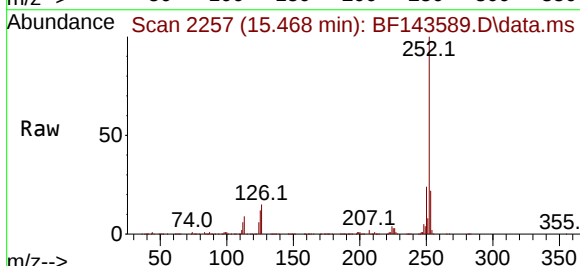
Tgt Ion:252 Resp: 690197

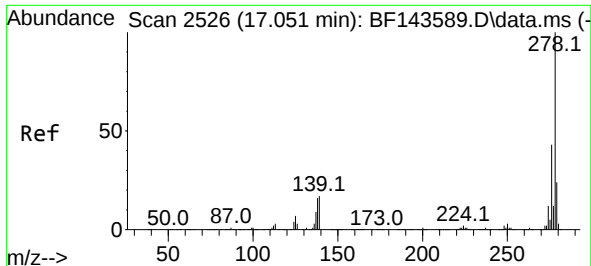
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.5 9.2 13.8

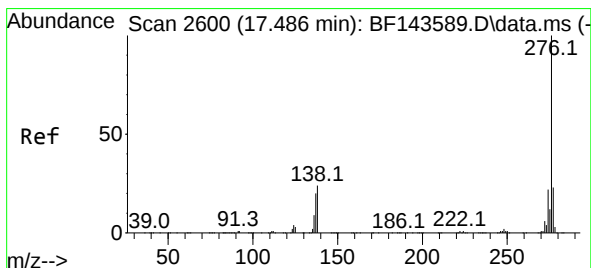
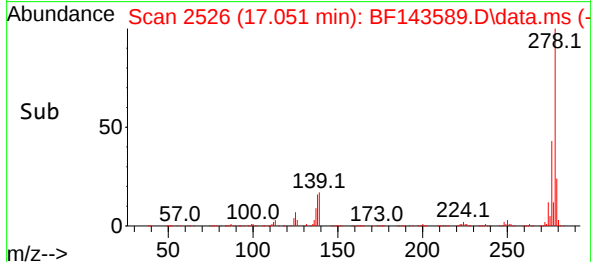
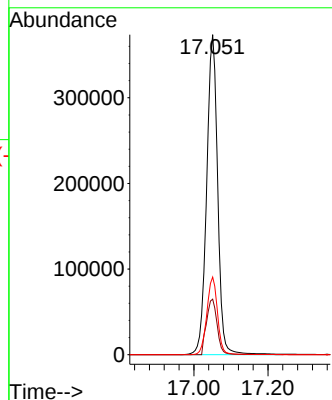
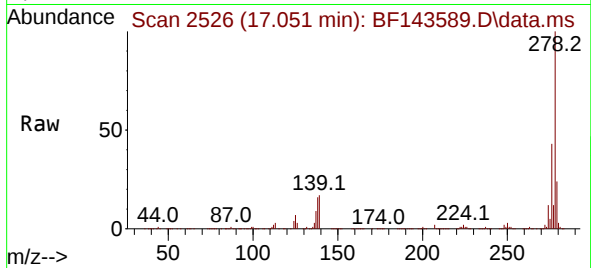




#91
 Dibenzo(a,h)anthracene
 Concen: 41.451 ng
 RT: 17.051 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:278 Resp: 772126
 Ion Ratio Lower Upper
 278 100
 139 17.3 13.8 20.8
 279 24.2 19.4 29.0



#92
 Benzo(g,h,i)perylene
 Concen: 41.649 ng
 RT: 17.486 min Scan# 2600
 Delta R.T. 0.000 min
 Lab File: BF143589.D
 Acq: 26 Aug 2025 11:06

Tgt Ion:276 Resp: 768069
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.6 27.8
 138 23.9 19.1 28.7

