Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144300.D
Acq On : 20 Nov 2025 17:57
Operator : RC/JU
Sample : Q3681-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Quant Time: Nov 20 23:57:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	49144	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	171173	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	85160	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	146273	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	130159	20.000	ng		0.00
86) Perylene-d12	15.521	264	105498	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	332276	105.805	ng		0.00
7) Phenol-d6	6.498	99	364769	102.510	ng		0.00
23) Nitrobenzene-d5	7.428	82	229513	77.439	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	107064	100.185	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	403988	70.064	ng		0.00
79) Terphenyl-d14	12.980	244	460592	56.209	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	60910	46.913	ng		99
3) Pyridine	3.434	79	163015	45.004	ng		99
4) n-Nitrosodimethylamine	3.381	42	97419	51.488	ng		95
6) Aniline	6.528	93	100814	19.885	ng	#	80
8) 2-Chlorophenol	6.651	128	139155	45.183	ng		98
9) Benzaldehyde	6.416	77	77655	38.647	ng		98
10) Phenol	6.516	94	187109	43.037	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	151977	47.974	ng		99
12) 1,3-Dichlorobenzene	6.804	146	176446	46.429	ng		99
13) 1,4-Dichlorobenzene	6.881	146	178897	46.987	ng		98
14) 1,2-Dichlorobenzene	7.034	146	168304	46.119	ng		98
15) Benzyl Alcohol	7.010	79	129979	46.130	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	266622	45.703	ng		99
17) 2-Methylphenol	7.122	107	109047	44.507	ng		98
18) Hexachloroethane	7.375	117	55039	43.512	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	103748	44.289	ng		97
20) 3+4-Methylphenols	7.275	107	126560	43.820	ng	#	88
22) Acetophenone	7.275	105	185350	50.476	ng		99
24) Nitrobenzene	7.445	77	155683	48.379	ng		98
25) Isophorone	7.686	82	265601	47.378	ng		98
26) 2-Nitrophenol	7.763	139	58665	36.828	ng		97
27) 2,4-Dimethylphenol	7.798	122	123186	51.595	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	172907	49.391	ng		99
29) 2,4-Dichlorophenol	8.010	162	118111	42.921	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	135921	48.101	ng		99
31) Naphthalene	8.169	128	385834	47.385	ng		99
32) Benzoic acid	7.898	122	46014	26.292	ng		92
33) 4-Chloroaniline	8.222	127	47217	15.900	ng		96
34) Hexachlorobutadiene	8.281	225	97111	45.601	ng		99
35) Caprolactam	8.586	113	33478	44.405	ng		93
36) 4-Chloro-3-methylphenol	8.704	107	104048	42.189	ng		98
37) 2-Methylnaphthalene	8.863	142	231018	42.435	ng		99
38) 1-Methylnaphthalene	8.963	142	223110	42.474	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	134078	48.040	ng		99
41) Hexachlorocyclopentadiene	9.010	237	30327	36.639	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	87042	45.822	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
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Acq On : 20 Nov 2025 17:57
Operator : RC/JU
Sample : Q3681-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Quant Time: Nov 20 23:57:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	92651	45.255 ng		99
46) 1,1'-Biphenyl	9.322	154	290921	48.940 ng		100
47) 2-Chloronaphthalene	9.351	162	235417	46.427 ng		100
48) 2-Nitroaniline	9.445	65	76306	52.155 ng		98
49) Acenaphthylene	9.769	152	364510	52.751 ng		100
50) Dimethylphthalate	9.622	163	280620	49.740 ng		99
51) 2,6-Dinitrotoluene	9.686	165	55791	48.851 ng		98
52) Acenaphthene	9.939	154	196774	42.585 ng		98
53) 3-Nitroaniline	9.857	138	57019	45.672 ng		97
54) 2,4-Dinitrophenol	9.980	184	4286	6.215 ng	#	89
55) Dibenzofuran	10.110	168	295017	45.586 ng		99
56) 4-Nitrophenol	10.027	139	75349	83.436 ng		99
57) 2,4-Dinitrotoluene	10.092	165	67487	44.142 ng		98
58) Fluorene	10.451	166	232586	47.270 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	68224	47.100 ng	#	97
60) Diethylphthalate	10.322	149	249740	48.020 ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	121218	43.249 ng		97
62) 4-Nitroaniline	10.474	138	59630	50.155 ng		97
63) Azobenzene	10.604	77	245920	50.808 ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	5371	5.405 ng		91
66) n-Nitrosodiphenylamine	10.563	169	224196	47.655 ng		100
67) 4-Bromophenyl-phenylether	10.933	248	80488	43.110 ng		97
68) Hexachlorobenzene	11.004	284	95880	43.599 ng		99
69) Atrazine	11.092	200	75085	50.186 ng		97
70) Pentachlorophenol	11.204	266	84776	77.415 ng		98
71) Phenanthrene	11.421	178	391504	53.758 ng		100
72) Anthracene	11.474	178	366528	49.495 ng		99
73) Carbazole	11.627	167	332523	52.807 ng		99
74) Di-n-butylphthalate	11.951	149	389249	51.134 ng		99
75) Fluoranthene	12.616	202	520318	69.163 ng		99
77) Benzidine	12.733	184	162223	42.136 ng		98
78) Pyrene	12.845	202	523793	49.911 ng		99
80) Butylbenzylphthalate	13.457	149	177309	48.747 ng		97
81) Benzo(a)anthracene	14.033	228	504374	55.911 ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	104427	33.771 ng		96
83) Chrysene	14.074	228	420603	50.507 ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	243664	48.936 ng		97
85) Di-n-octyl phthalate	14.627	149	419739	48.859 ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	301670	39.835 ng		98
88) Benzo(b)fluoranthene	15.092	252	376540	62.780 ng		99
89) Benzo(k)fluoranthene	15.121	252	304902	54.312 ng		99
90) Benzo(a)pyrene	15.462	252	321765	58.152 ng	#	96
91) Dibenzo(a,h)anthracene	17.039	278	232307	38.196 ng		98
92) Benzo(g,h,i)perylene	17.480	276	242968	40.454 ng		99

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

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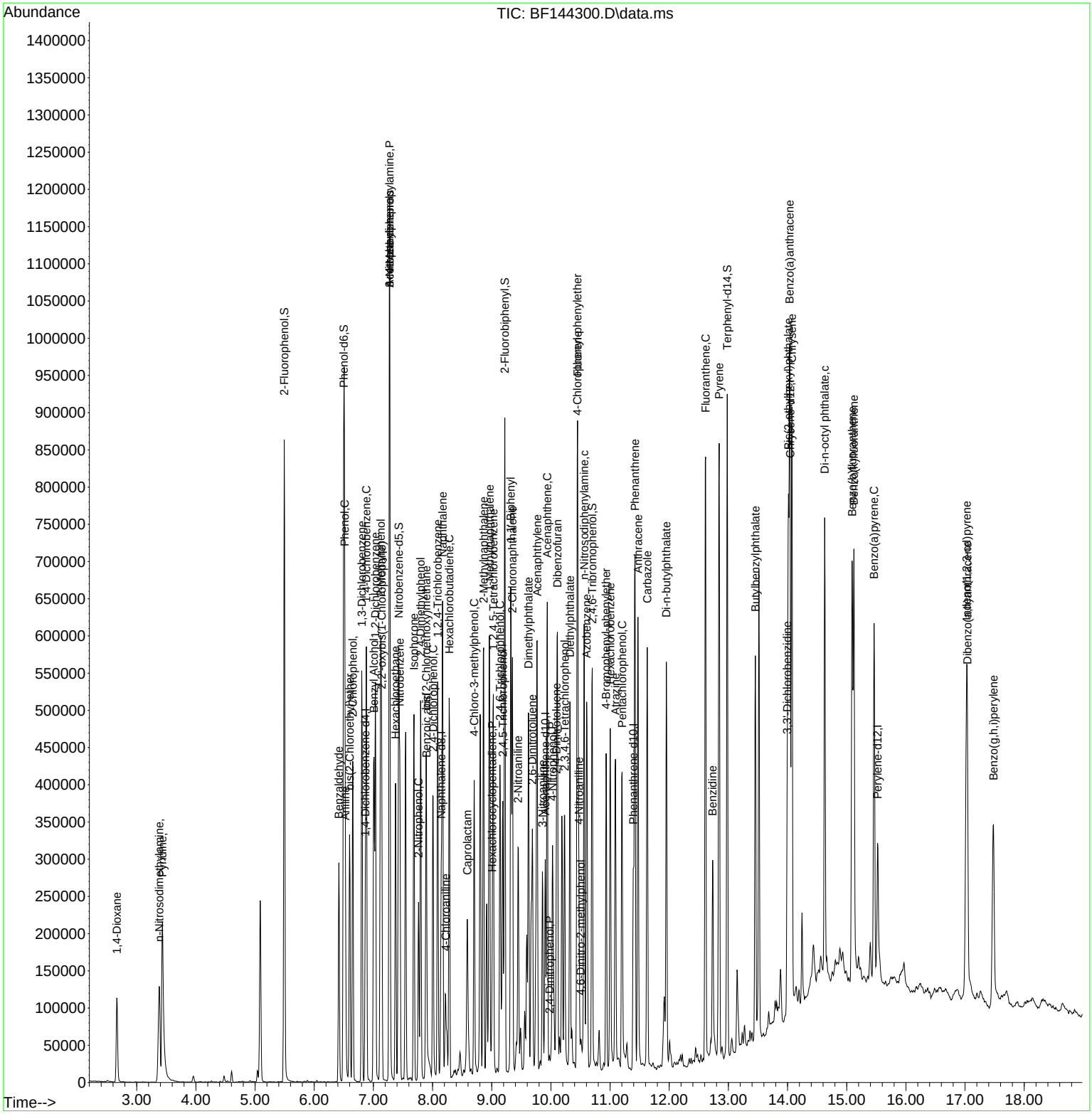
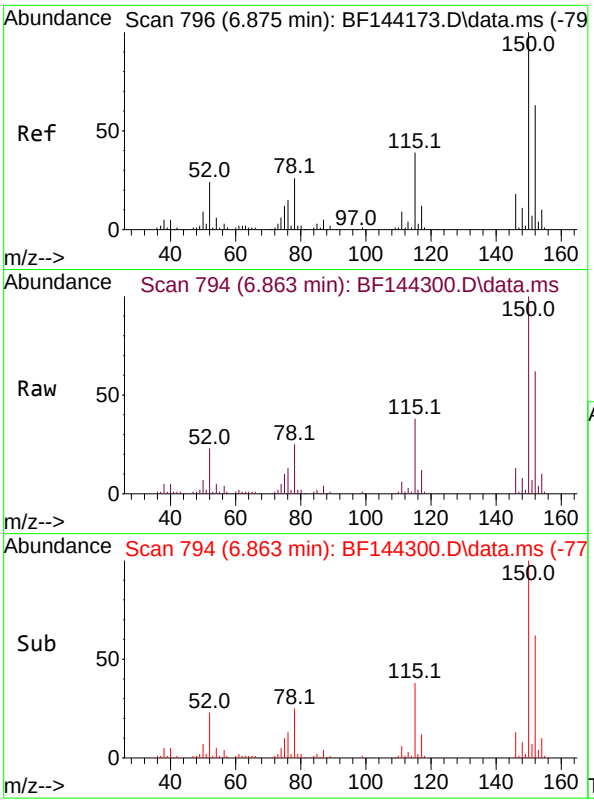
Data File : BF144300.D
Acq On : 20 Nov 2025 17:57
Operator : RC/JU
Sample : Q3681-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Quant Time: Nov 20 23:57:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



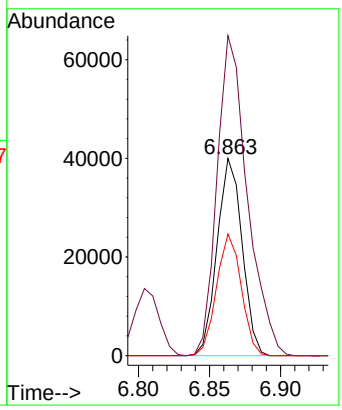


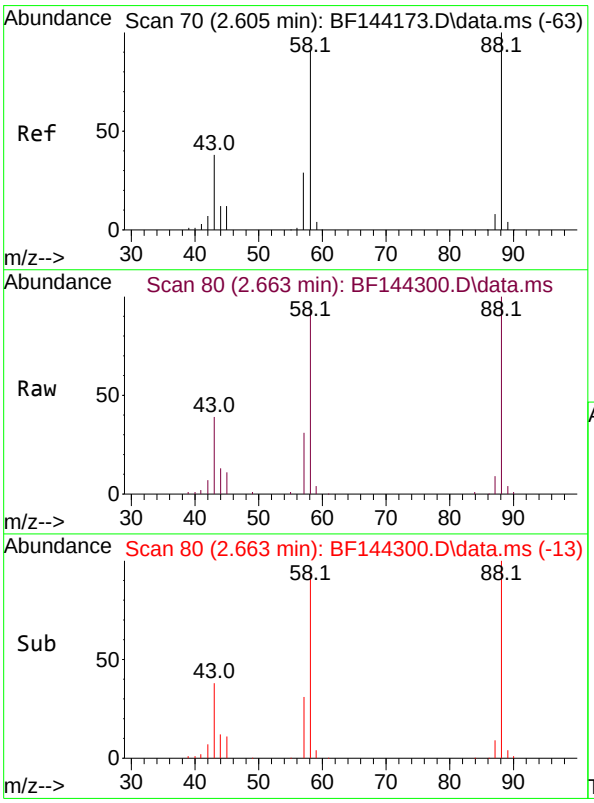
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:152 Resp: 49144

Ion	Ratio	Lower	Upper
152	100		
150	162.3	127.4	191.0
115	61.7	49.5	74.3

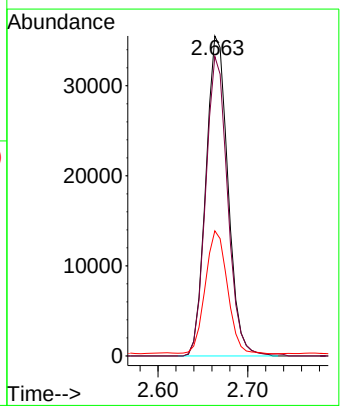


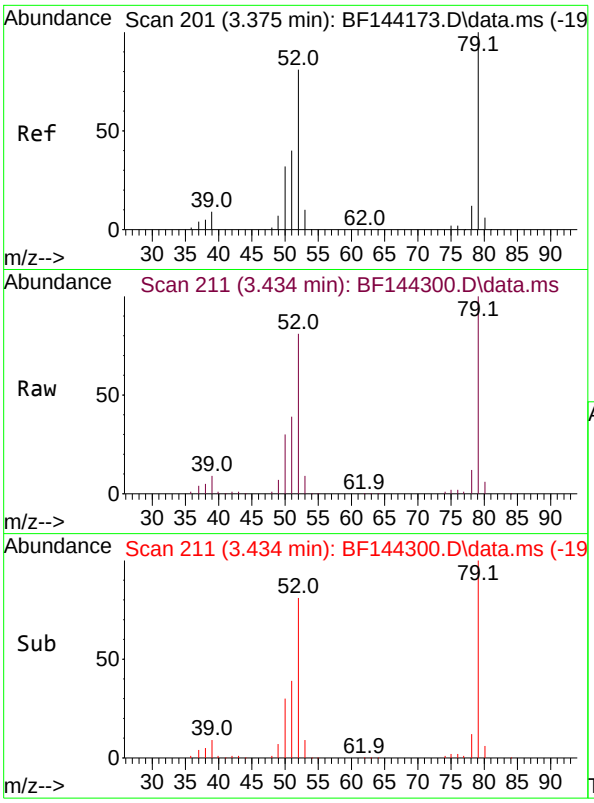


#2
1,4-Dioxane
Concen: 46.913 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.047 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion: 88 Resp: 60910

Ion	Ratio	Lower	Upper
88	100		
58	93.1	73.1	109.7
43	38.6	31.0	46.6



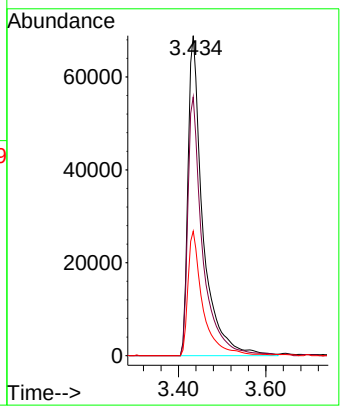


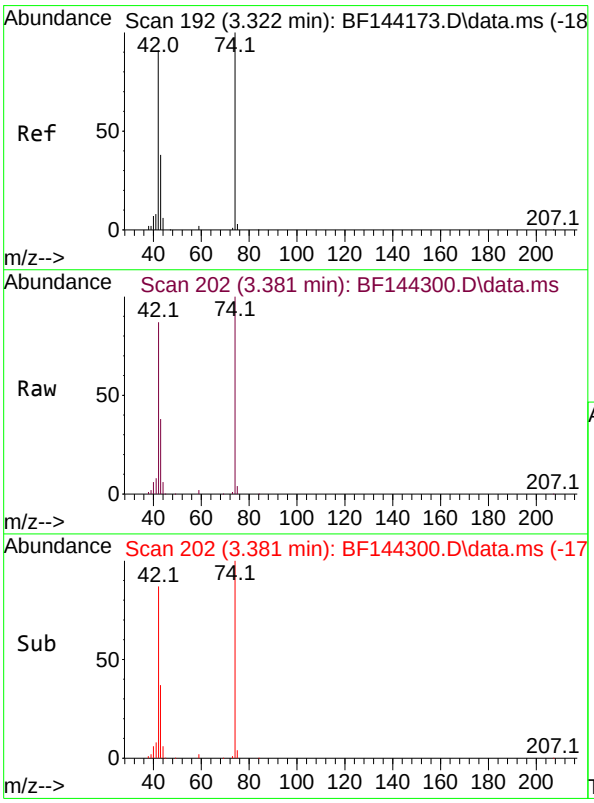
#3
Pyridine
Concen: 45.004 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 79 Resp: 163015

Ion	Ratio	Lower	Upper
79	100		
52	80.8	64.5	96.7
51	38.9	31.7	47.5

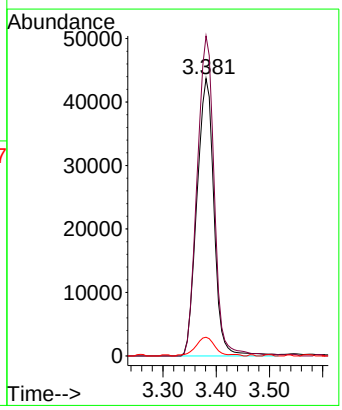


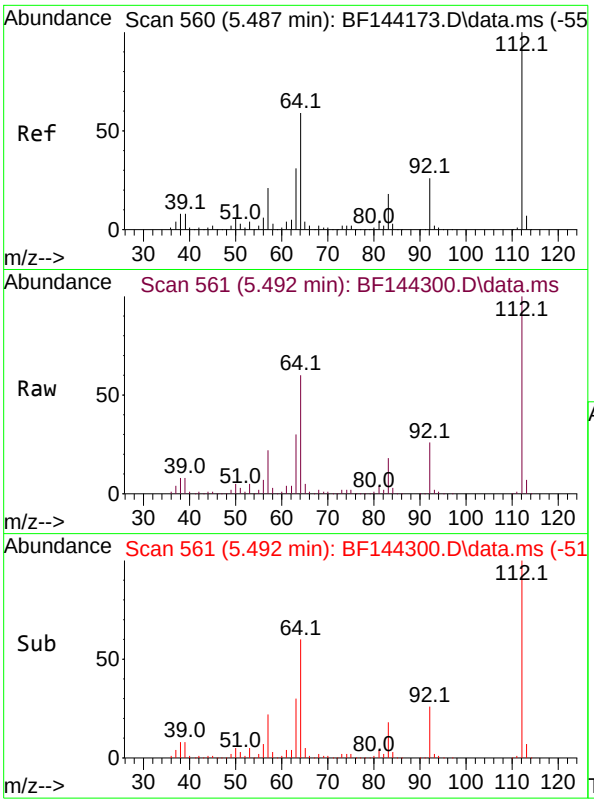


#4
n-Nitrosodimethylamine
Concen: 51.488 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.035 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion: 42 Resp: 97419

Ion	Ratio	Lower	Upper
42	100		
74	115.4	88.2	132.4
44	6.7	5.7	8.5



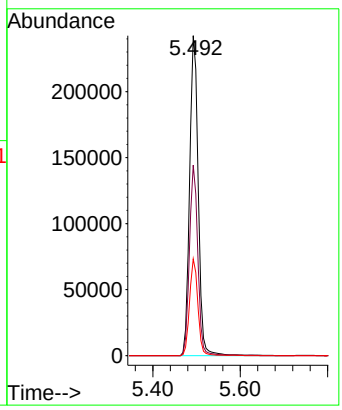


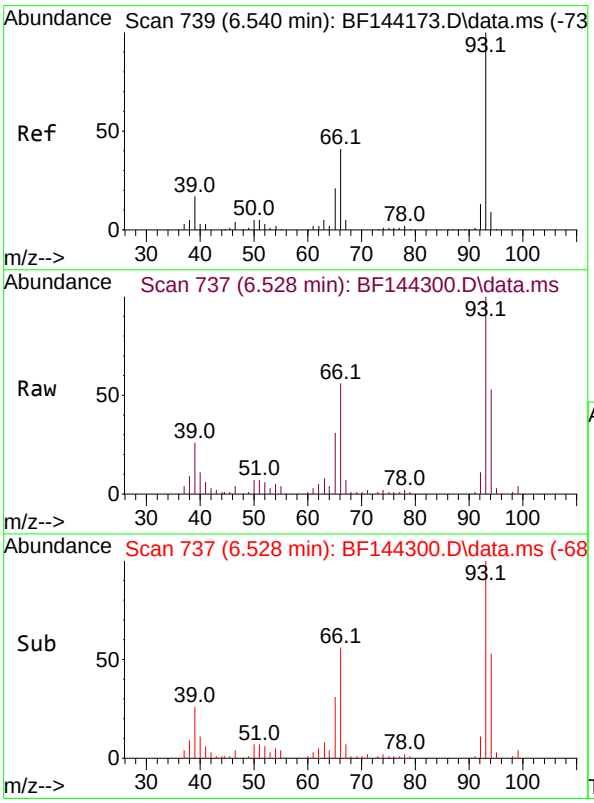
#5
2-Fluorophenol
Concen: 105.805 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:112 Resp: 332276

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.2	70.8
63	30.2	24.4	36.6

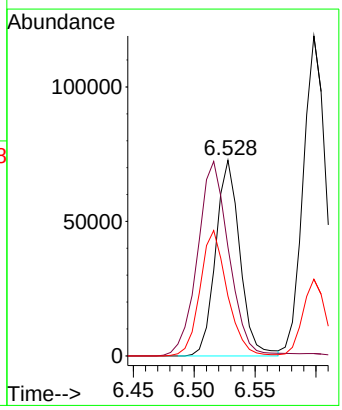


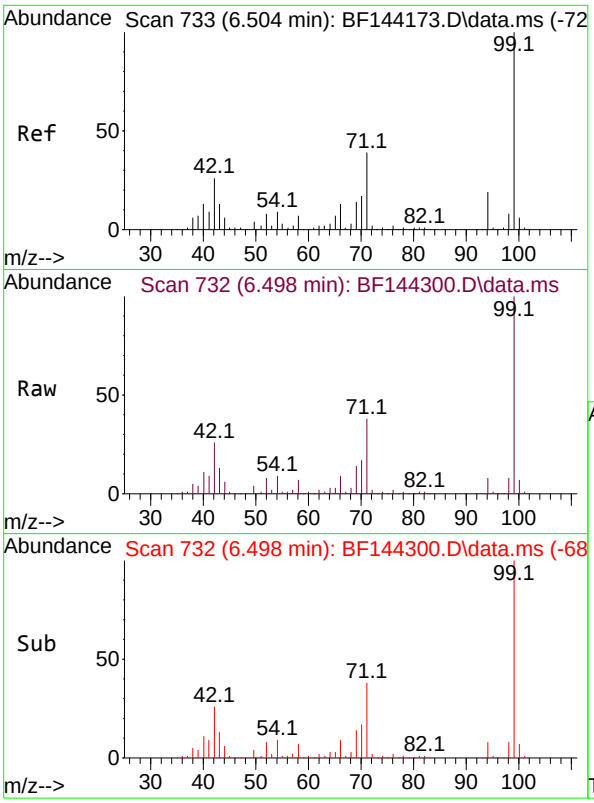


#6
Aniline
Concen: 19.885 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion: 93 Resp: 100814

Ion	Ratio	Lower	Upper
93	100		
66	55.6	34.3	51.5#
65	30.6	16.9	25.3#



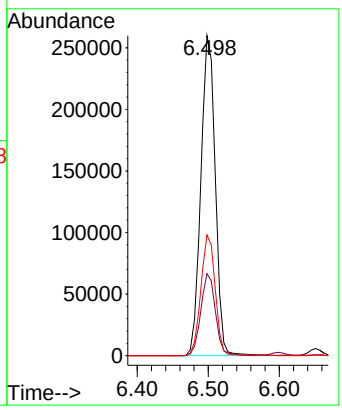


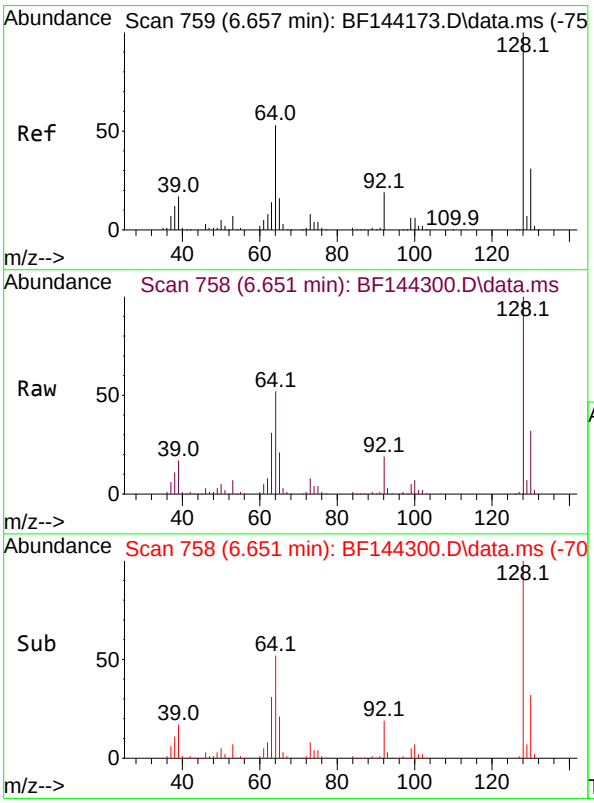
#7
Phenol-d6
Concen: 102.510 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 99 Resp: 364769

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.9	31.3
71	37.7	31.4	47.2

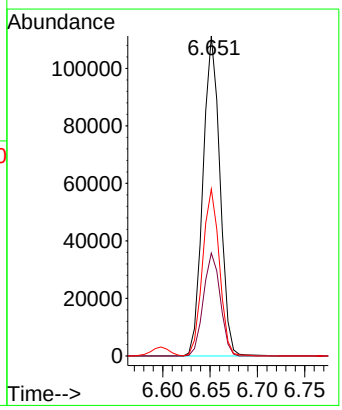


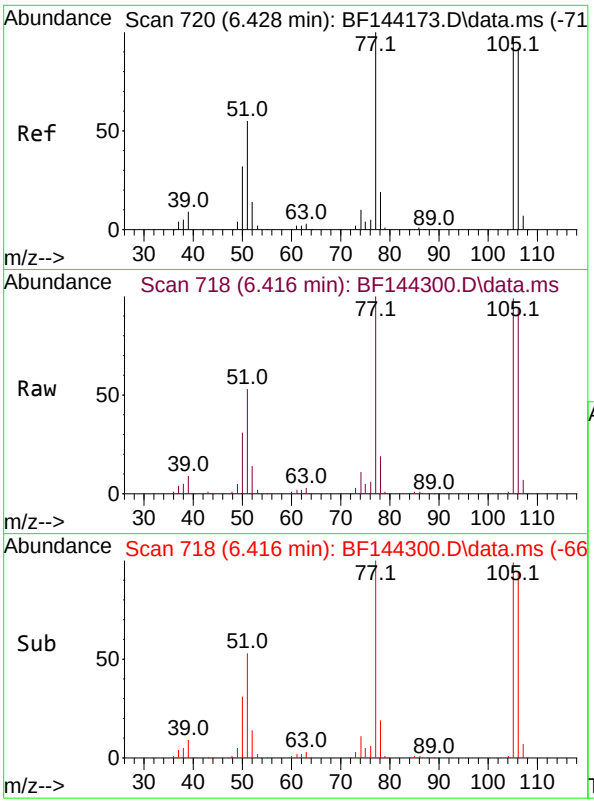


#8
2-Chlorophenol
Concen: 45.183 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:128 Resp: 139155

Ion	Ratio	Lower	Upper
128	100		
130	32.1	10.5	50.5
64	52.2	33.2	73.2



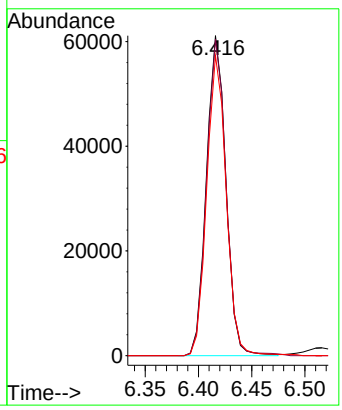


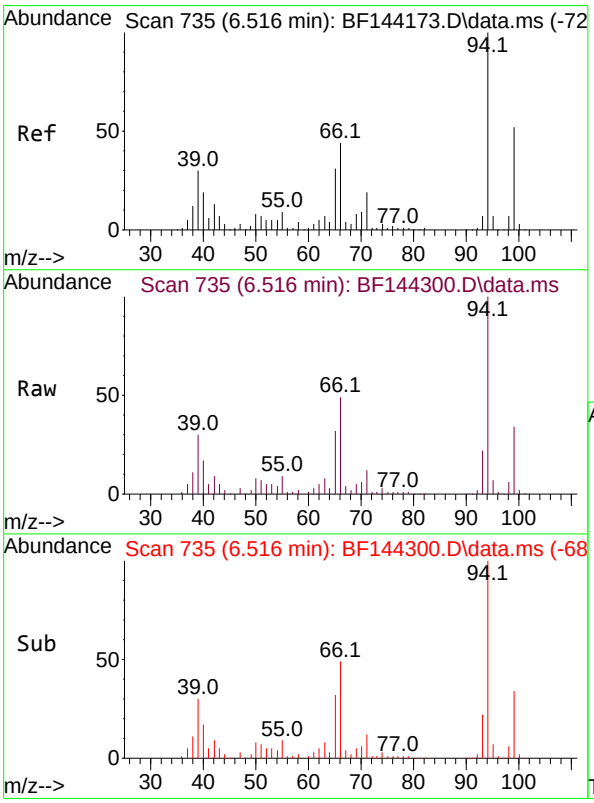
#9
Benzaldehyde
Concen: 38.647 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 77 Resp: 77655

Ion	Ratio	Lower	Upper
77	100		
105	98.8	77.2	117.2
106	93.7	72.2	112.2

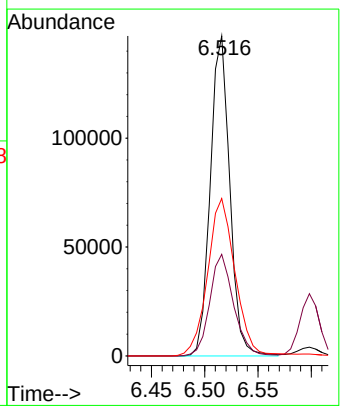


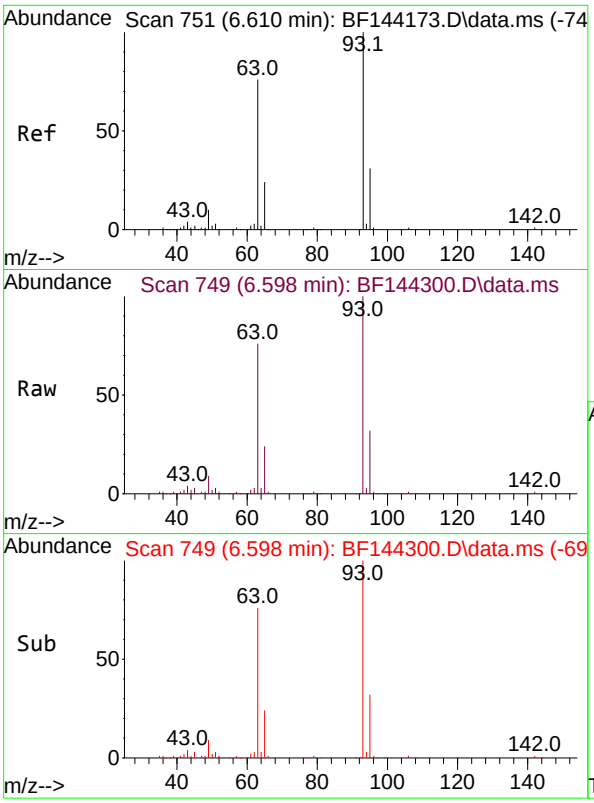


#10
Phenol
Concen: 43.037 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion: 94 Resp: 187109

Ion	Ratio	Lower	Upper
94	100		
65	31.7	10.8	50.8
66	49.2	24.3	64.3



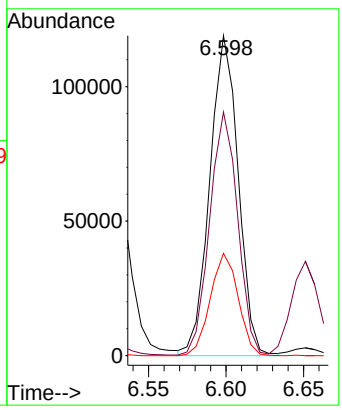


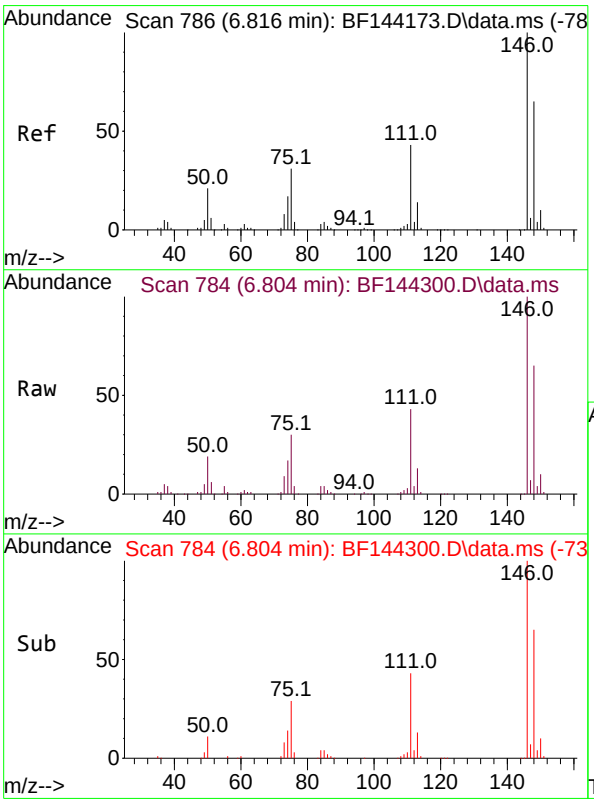
#11
bis(2-Chloroethyl)ether
Concen: 47.974 ng
RT: 6.598 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 93 Resp: 151977

Ion	Ratio	Lower	Upper
93	100		
63	76.1	55.2	95.2
95	32.0	11.2	51.2

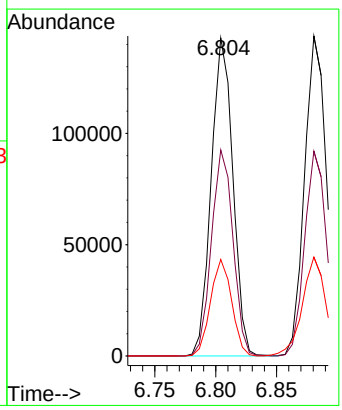


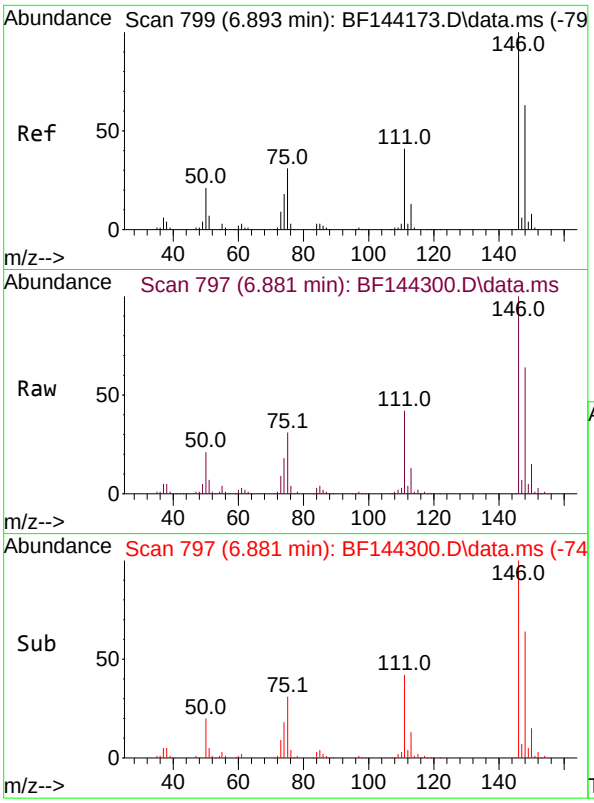


#12
1,3-Dichlorobenzene
Concen: 46.429 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:146 Resp: 176446

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	30.3	25.0	37.4



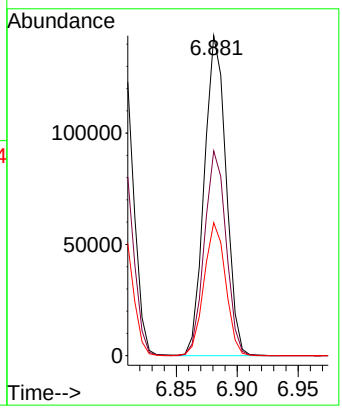


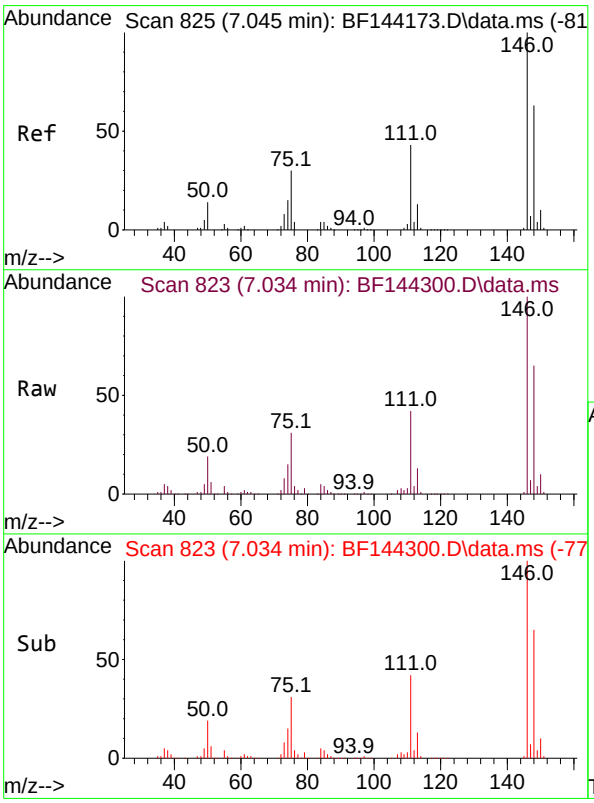
#13
1,4-Dichlorobenzene
Concen: 46.987 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:146 Resp: 178897

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.2
111	41.5	32.6	48.8

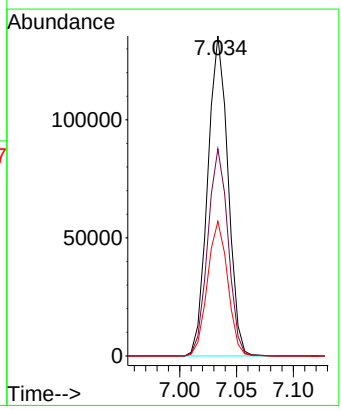


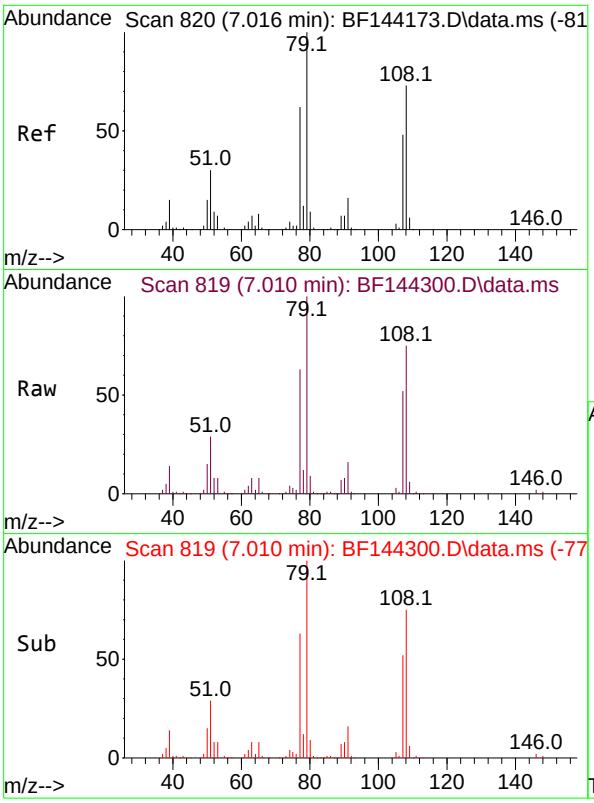


#14
1,2-Dichlorobenzene
Concen: 46.119 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:146 Resp: 168304

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	42.0	34.2	51.4



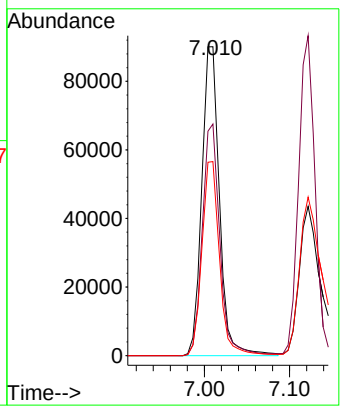


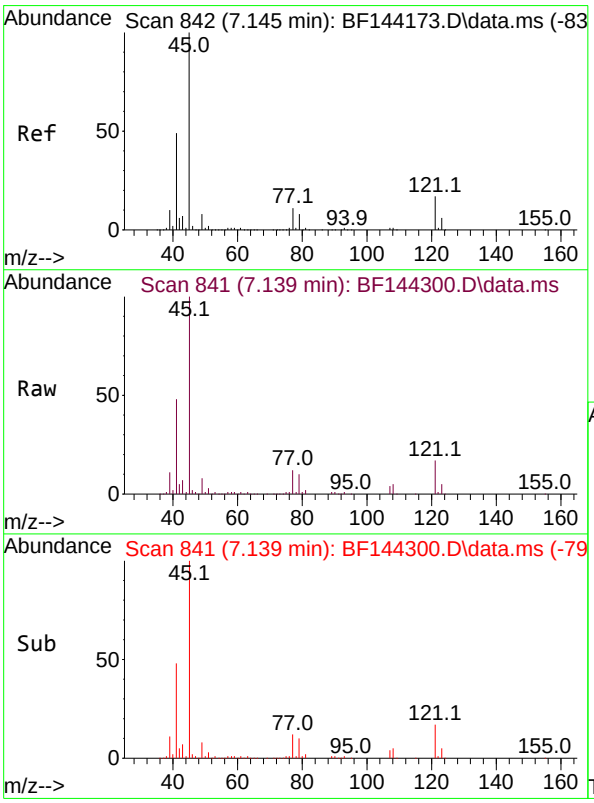
#15
Benzyl Alcohol
Concen: 46.130 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 79 Resp: 129979

Ion	Ratio	Lower	Upper
79	100		
108	75.0	58.2	87.4
77	62.8	49.9	74.9

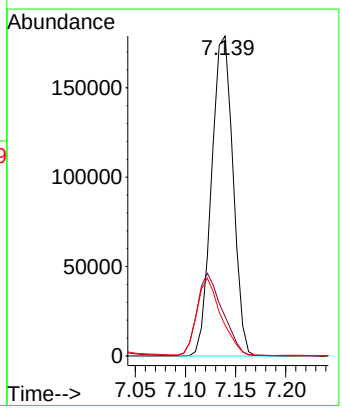


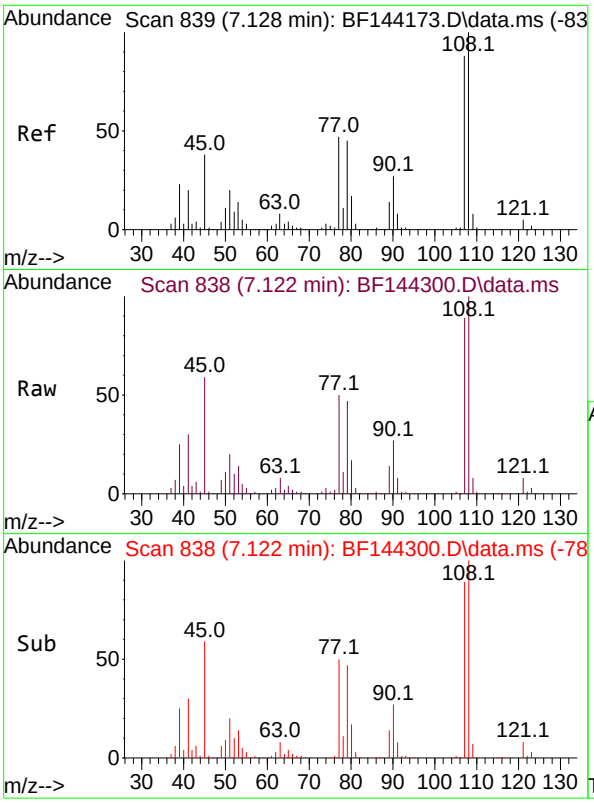


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.703 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion: 45 Resp: 266622

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	31.8
79	9.6	0.0	29.1



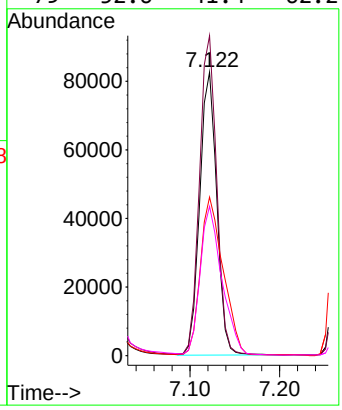


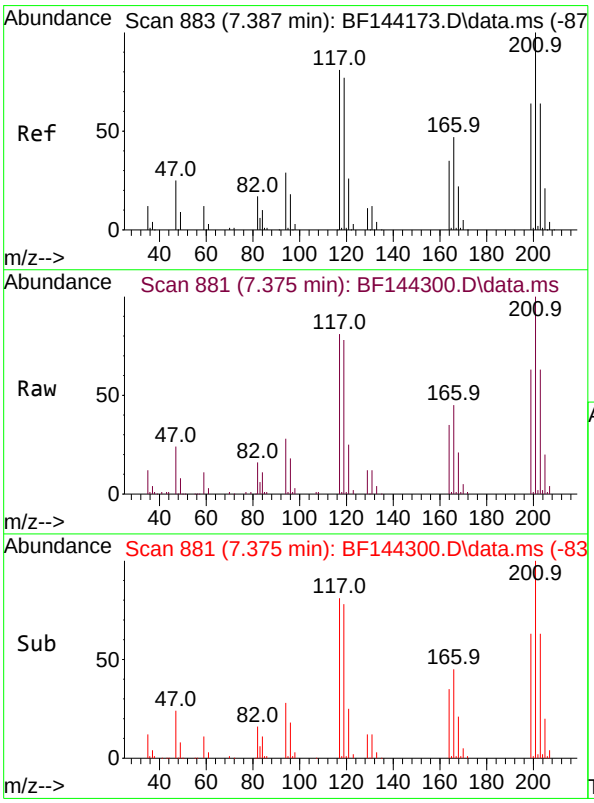
#17
2-Methylphenol
Concen: 44.507 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:107 Resp: 109047

Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.0	136.4
77	55.9	42.7	64.1
79	52.6	41.4	62.2

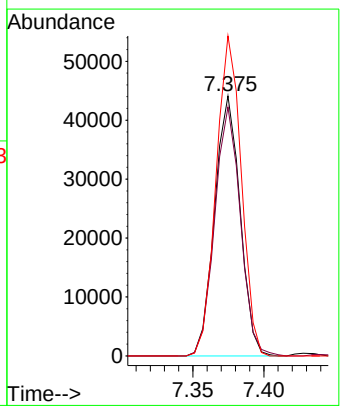


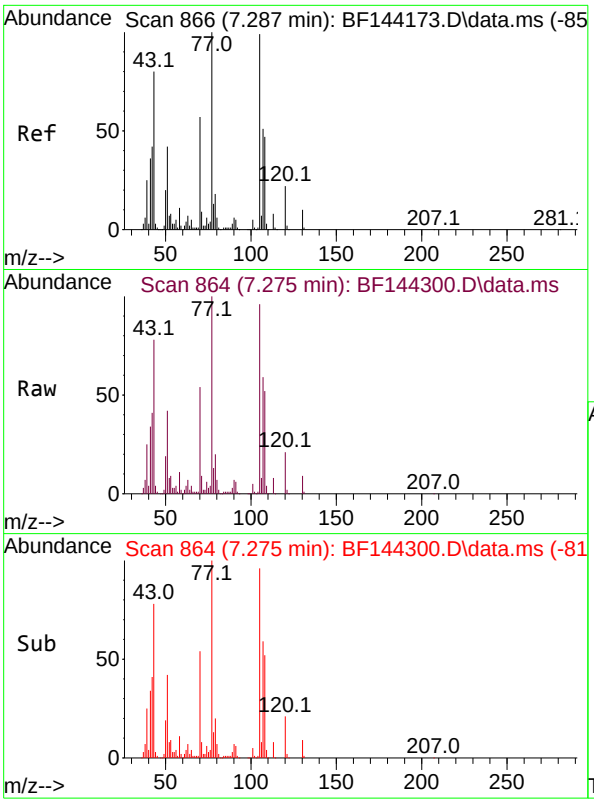


#18
Hexachloroethane
Concen: 43.512 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:117 Resp: 55039

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	123.1	98.9	148.3



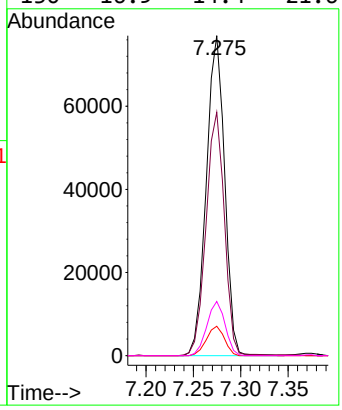


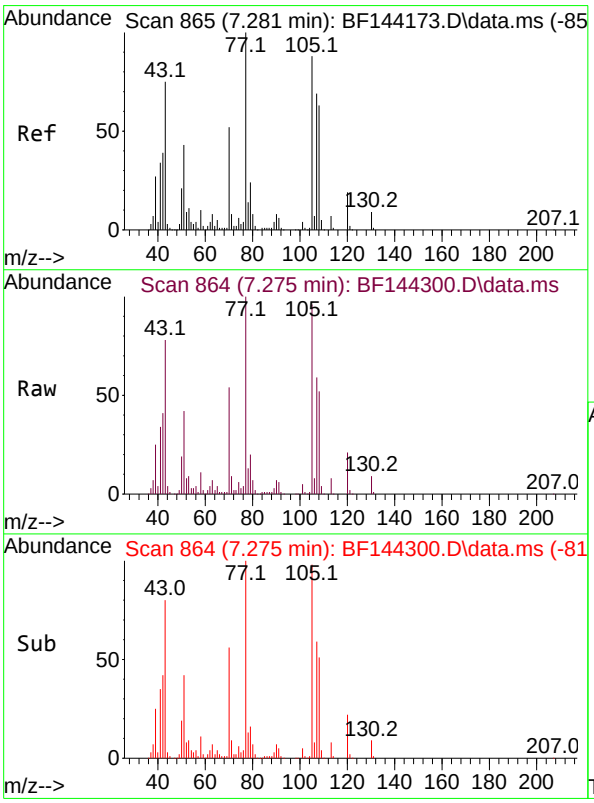
#19
n-Nitroso-di-n-propylamine
Concen: 44.289 ng
RT: 7.275 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 70 Resp: 103748

Ion	Ratio	Lower	Upper
70	100		
42	76.1	58.3	87.5
101	9.2	7.0	10.6
130	16.9	14.4	21.6

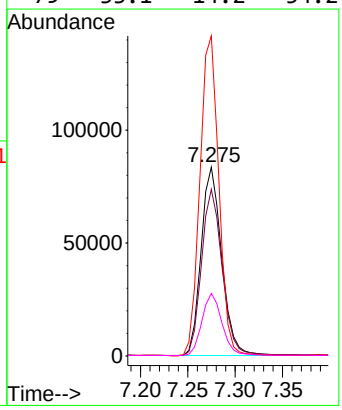


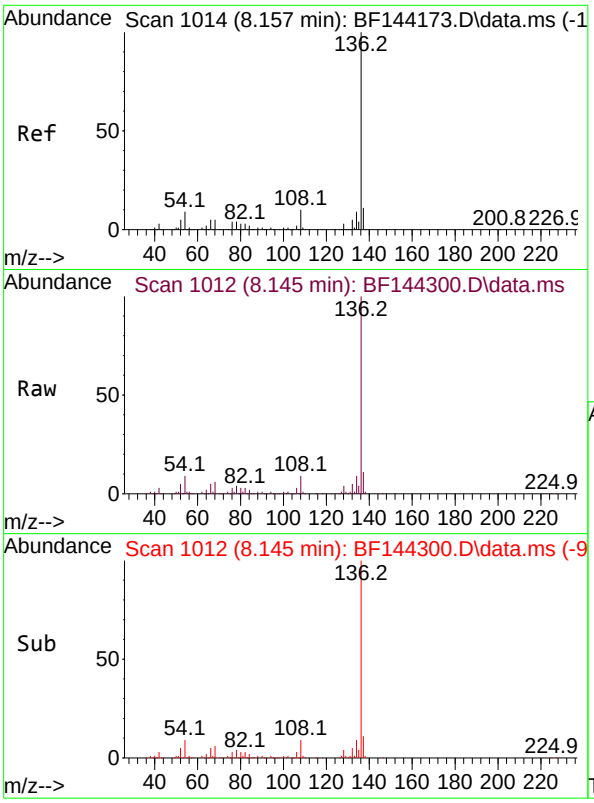


#20
3+4-Methylphenols
Concen: 43.820 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:107 Resp: 126560

Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.2	110.2
77	169.6	123.9	163.9#
79	33.1	14.2	54.2



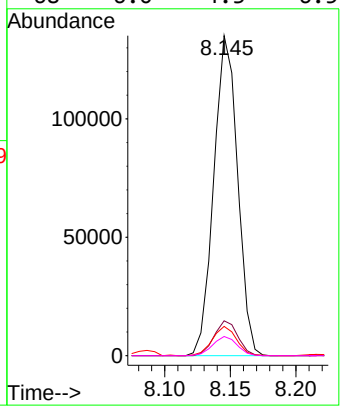


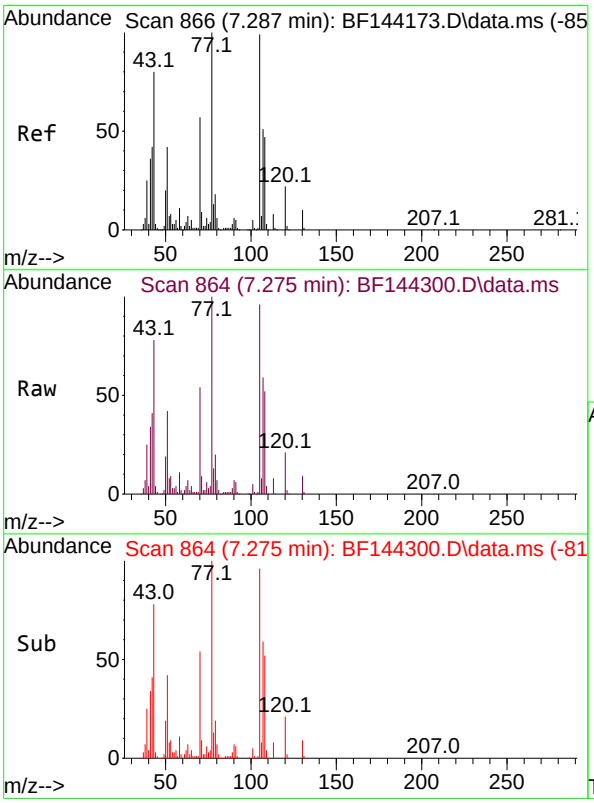
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:136 Resp: 171173

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	7.0	10.6
68	6.0	4.3	6.5

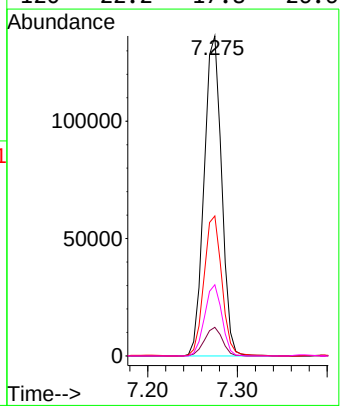


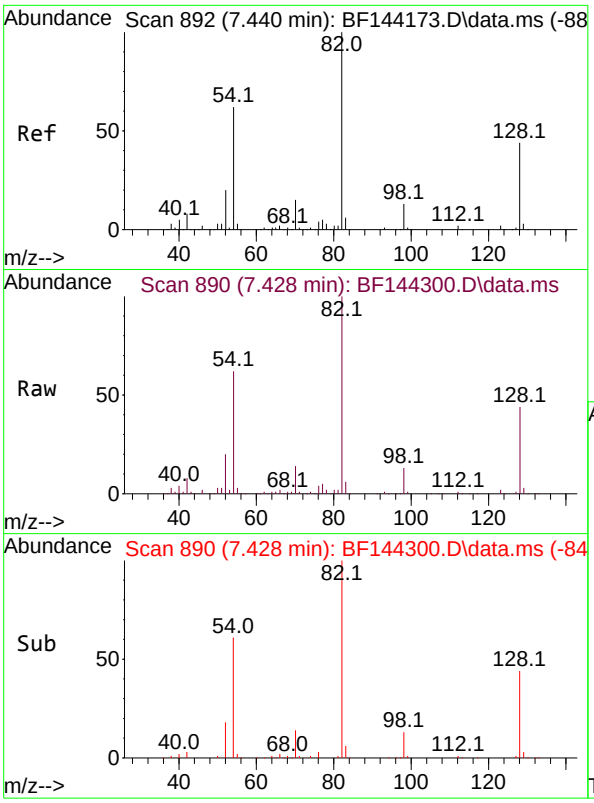


#22
Acetophenone
Concen: 50.476 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:105 Resp: 185350

Ion	Ratio	Lower	Upper
105	100		
71	8.9	7.2	10.8
51	43.7	34.0	51.0
120	22.2	17.8	26.6



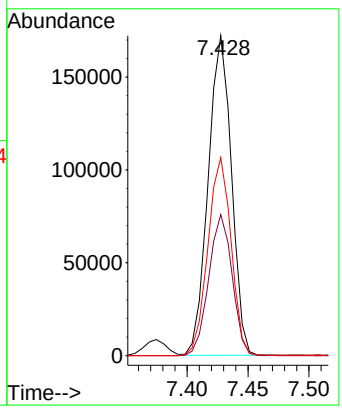


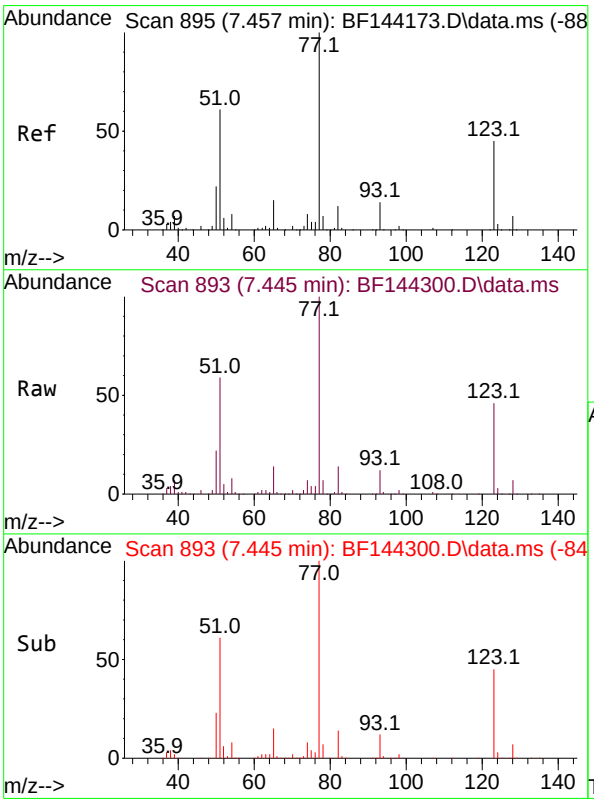
#23
Nitrobenzene-d5
Concen: 77.439 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 82 Resp: 229513

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.7	52.1
54	61.9	49.5	74.3

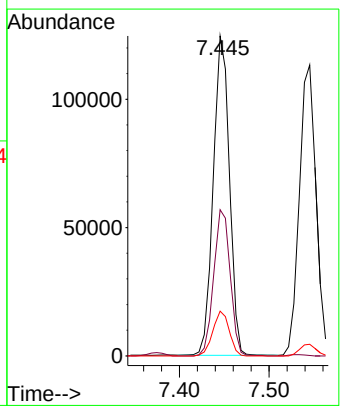


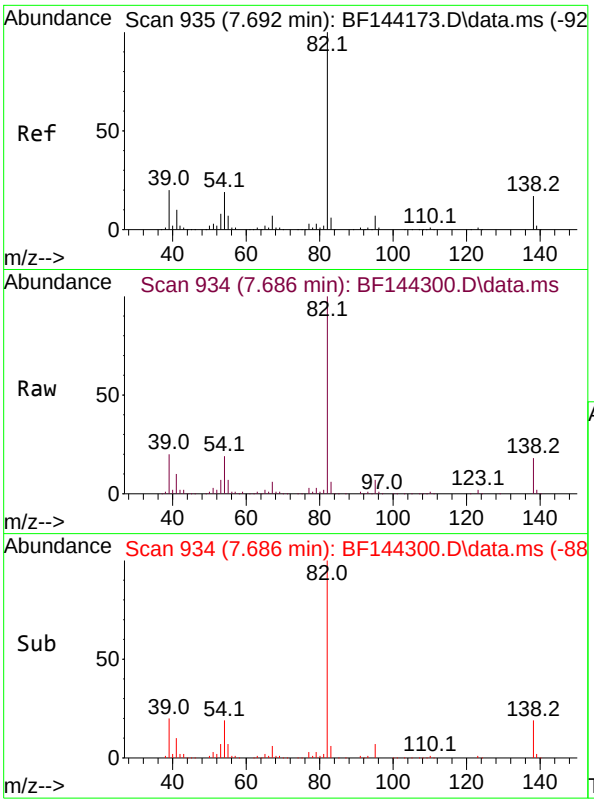


#24
Nitrobenzene
Concen: 48.379 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion: 77 Resp: 155683

Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.8	53.8
65	14.0	12.2	18.2



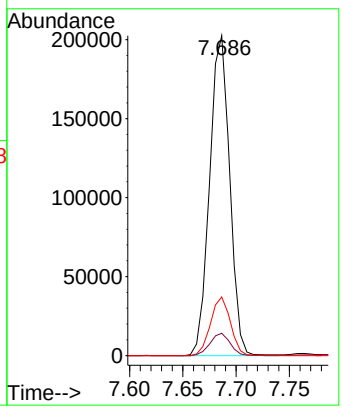


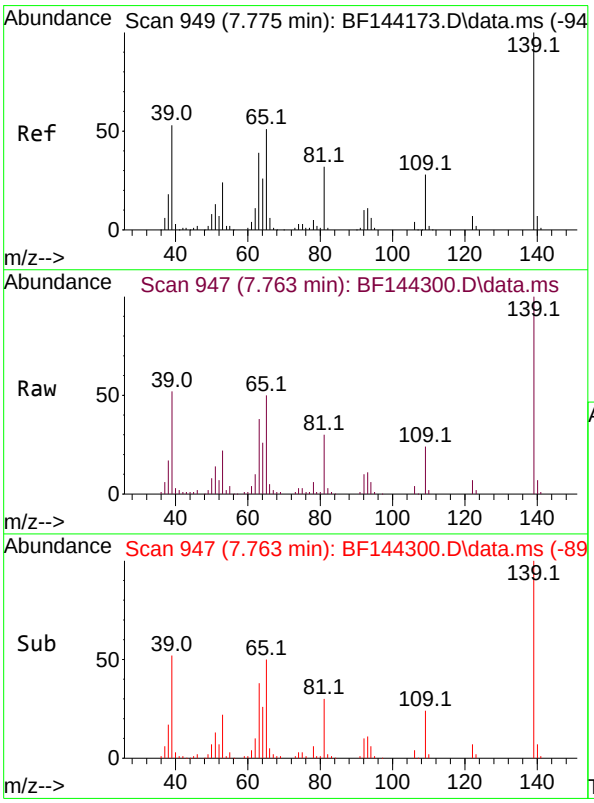
#25
Isophorone
Concen: 47.378 ng
RT: 7.686 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 82 Resp: 265601

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	18.3	13.7	20.5

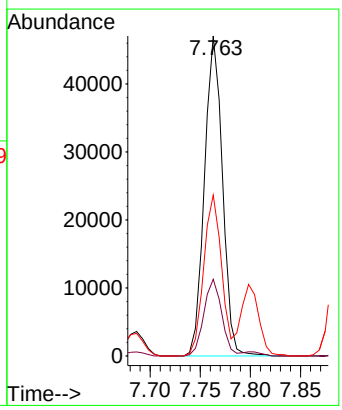


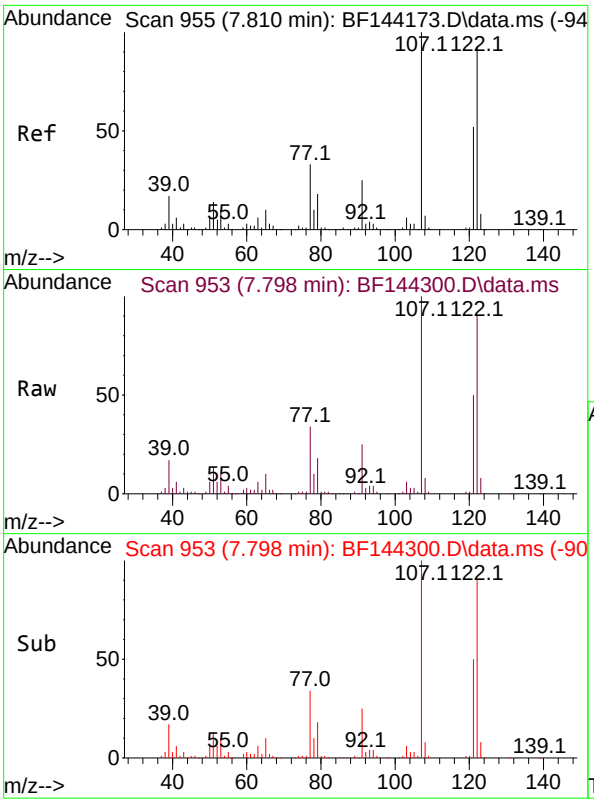


#26
2-Nitrophenol
Concen: 36.828 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:139 Resp: 58665

Ion	Ratio	Lower	Upper
139	100		
109	23.9	22.2	33.2
65	50.2	40.7	61.1



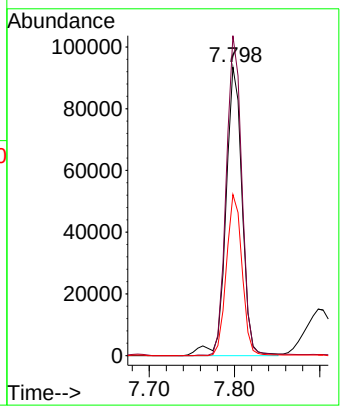


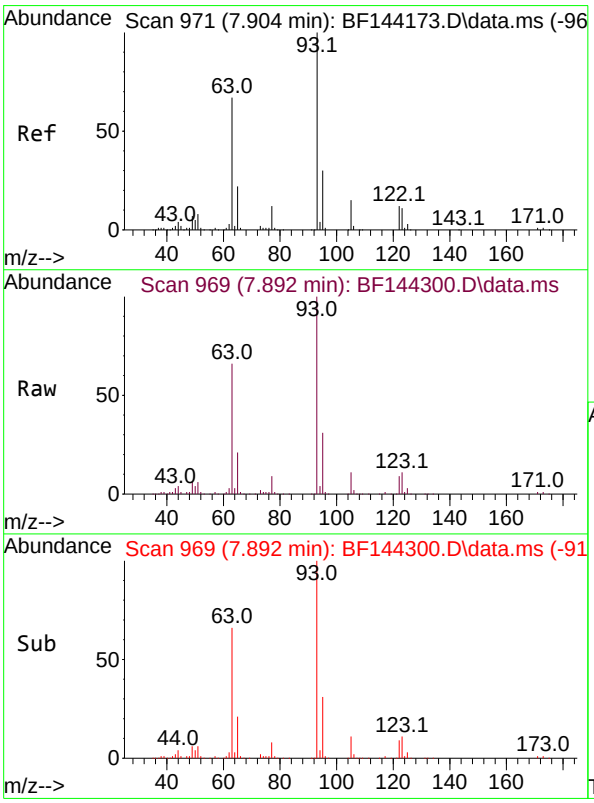
#27
2,4-Dimethylphenol
Concen: 51.595 ng
RT: 7.798 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:122 Resp: 123186

Ion	Ratio	Lower	Upper
122	100		
107	110.9	86.2	129.4
121	55.8	44.6	66.8

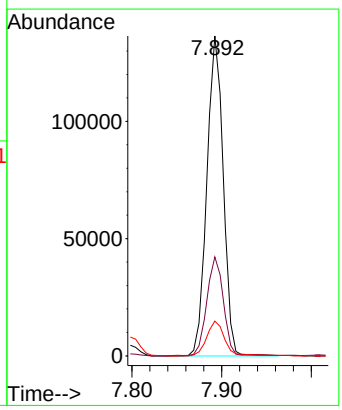


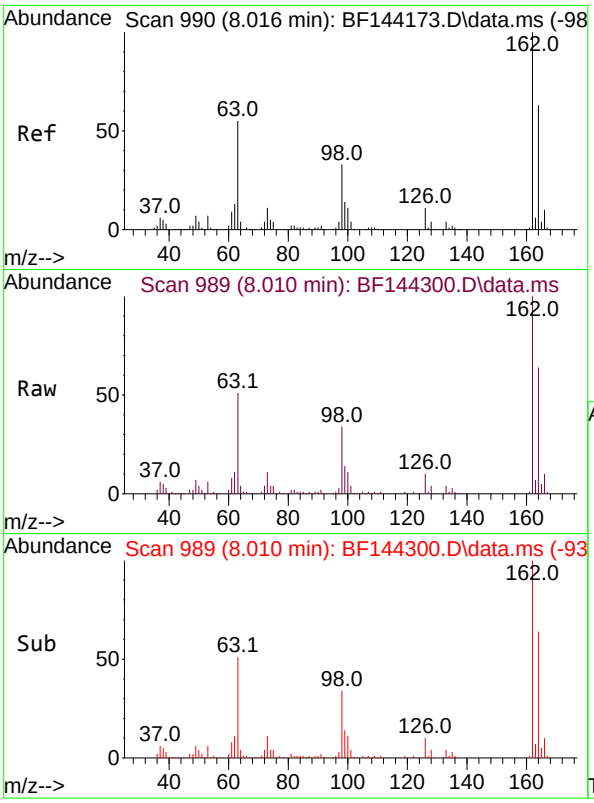


#28
bis(2-Chloroethoxy)methane
Concen: 49.391 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion: 93 Resp: 172907

Ion	Ratio	Lower	Upper
93	100		
95	30.9	24.2	36.4
123	10.9	9.0	13.4



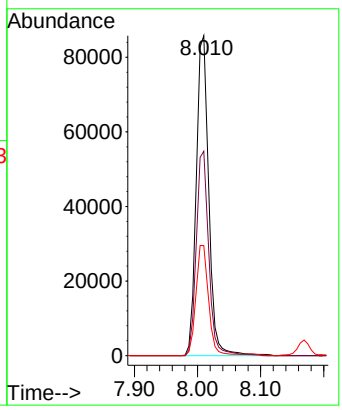


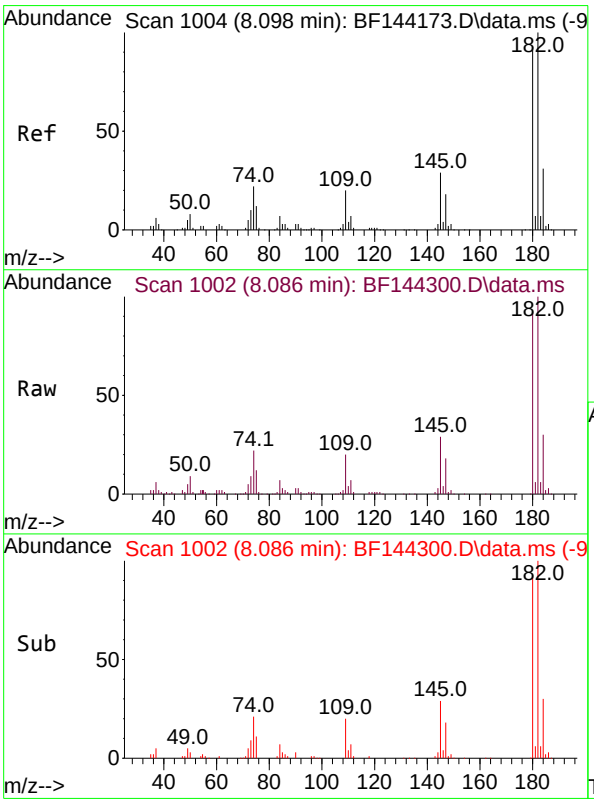
#29
2,4-Dichlorophenol
Concen: 42.921 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:162 Resp: 118111

Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.9	82.9
98	34.4	13.3	53.3

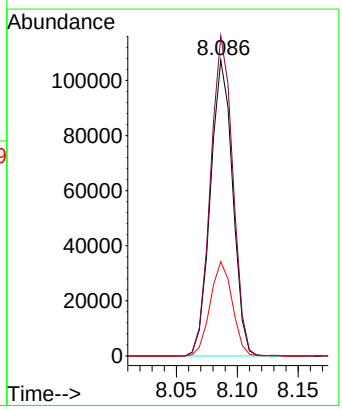


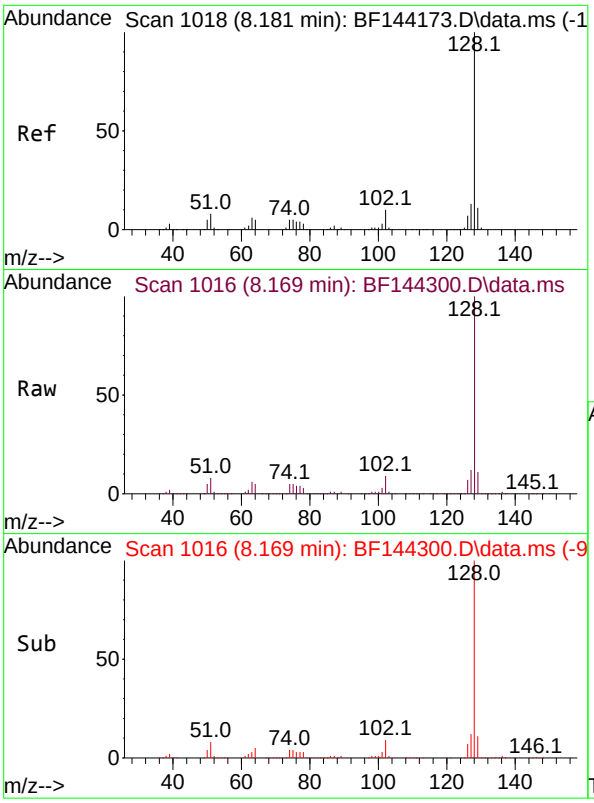


#30
1,2,4-Trichlorobenzene
Concen: 48.101 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:180 Resp: 135921

Ion	Ratio	Lower	Upper
180	100		
182	108.2	87.7	131.5
145	31.8	25.4	38.0



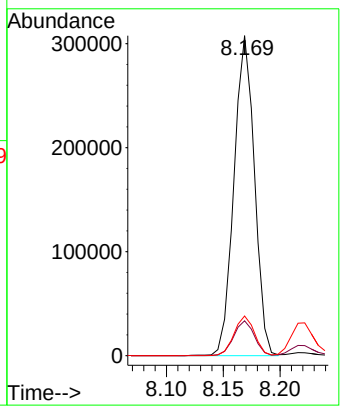


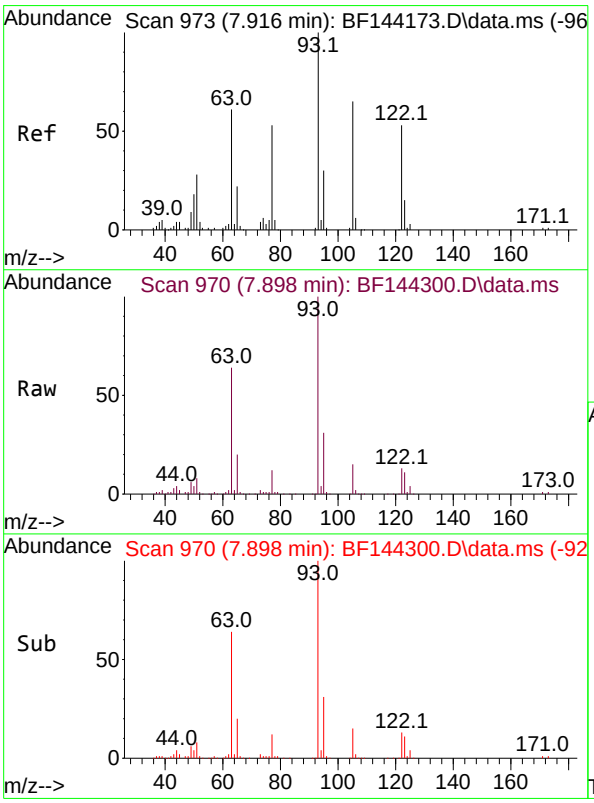
#31
Naphthalene
Concen: 47.385 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:128 Resp: 385834

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.4	10.3	15.5

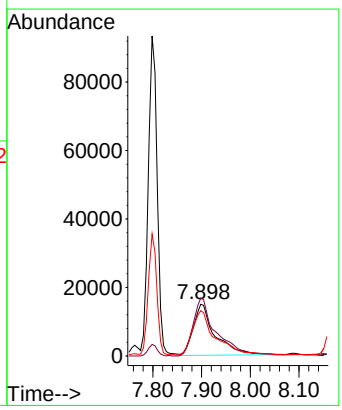


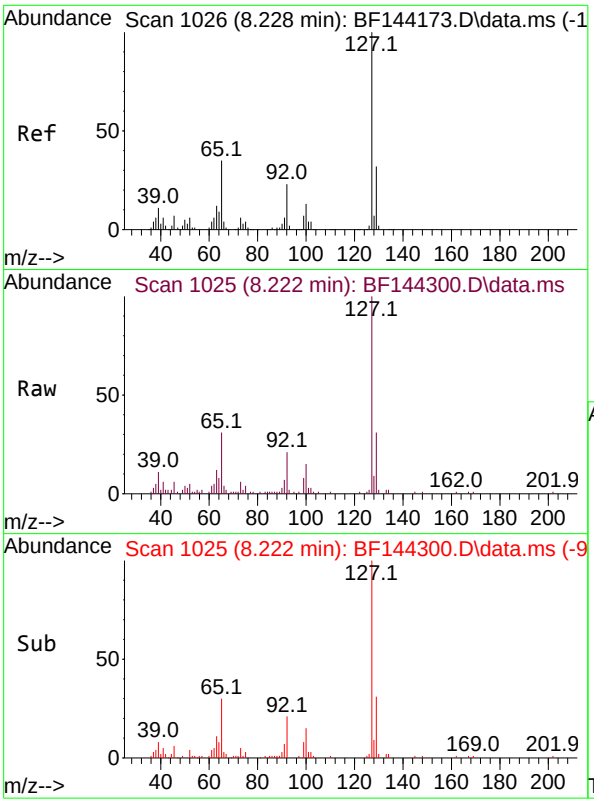


#32
Benzoic acid
Concen: 26.292 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.053 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:122 Resp: 46014

Ion	Ratio	Lower	Upper
122	100		
105	112.5	99.9	139.9
77	87.7	77.5	117.5



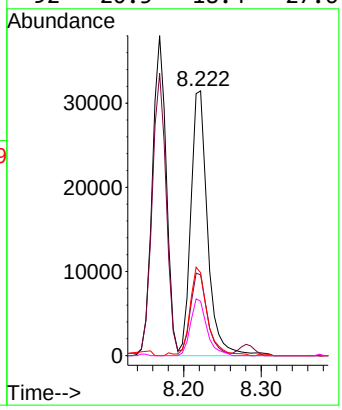


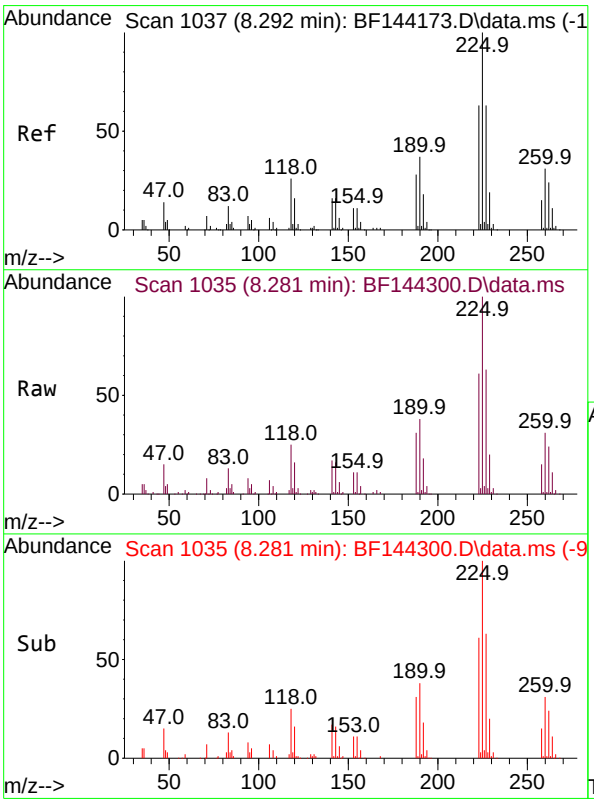
#33
4-Chloroaniline
Concen: 15.900 ng
RT: 8.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:127 Resp: 47217

Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.3	37.9
65	31.4	27.6	41.4
92	20.5	18.4	27.6

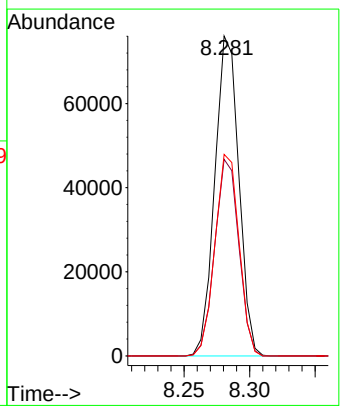


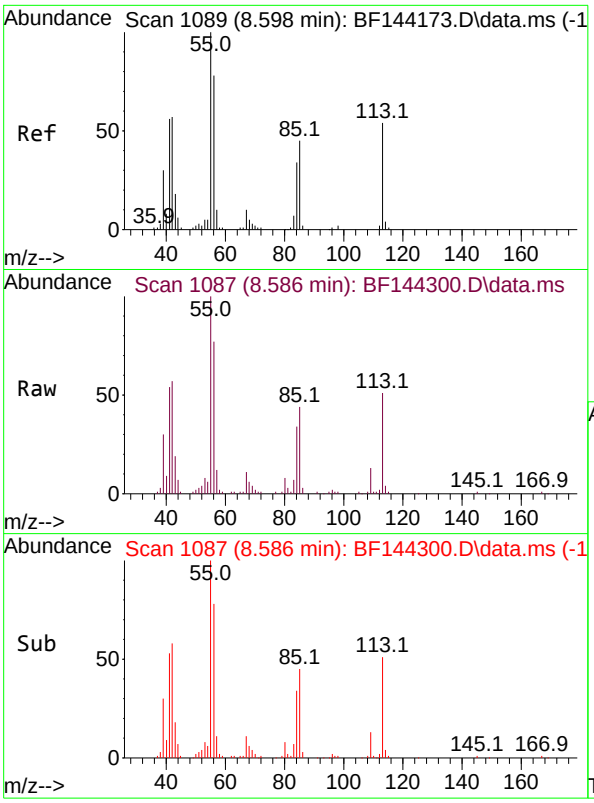


#34
Hexachlorobutadiene
Concen: 45.601 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:225 Resp: 97111

Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.4
227	63.0	50.1	75.1



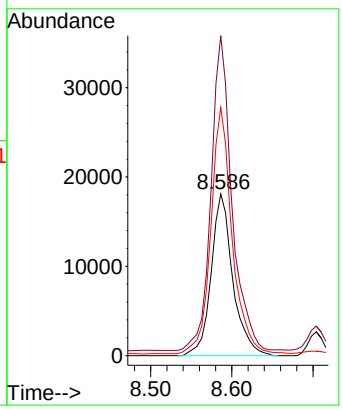


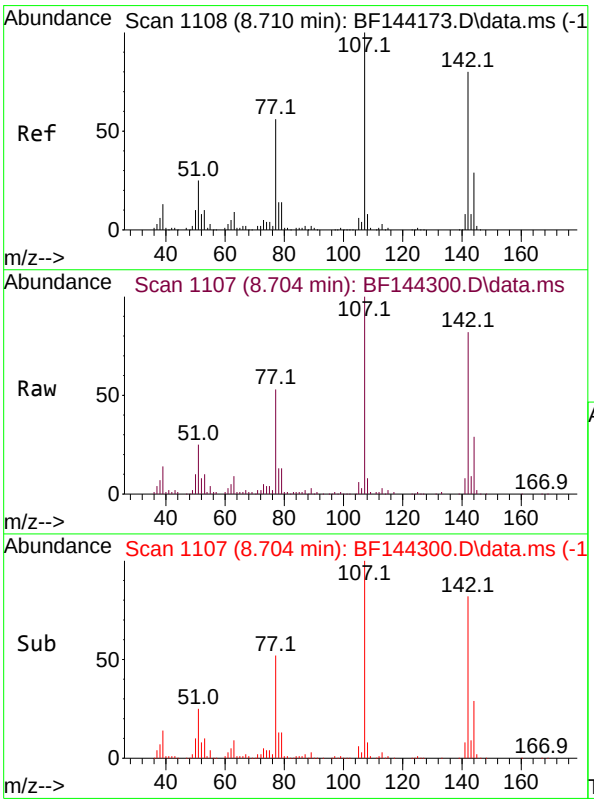
#35
Caprolactam
Concen: 44.405 ng
RT: 8.586 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:113 Resp: 33478

Ion	Ratio	Lower	Upper
113	100		
55	198.0	166.8	206.8
56	153.4	125.9	165.9

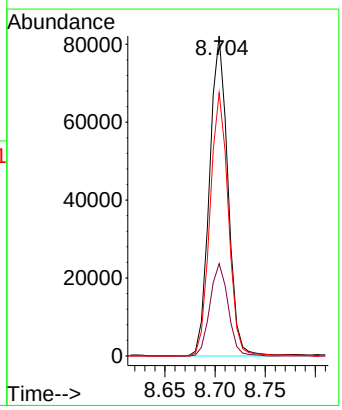


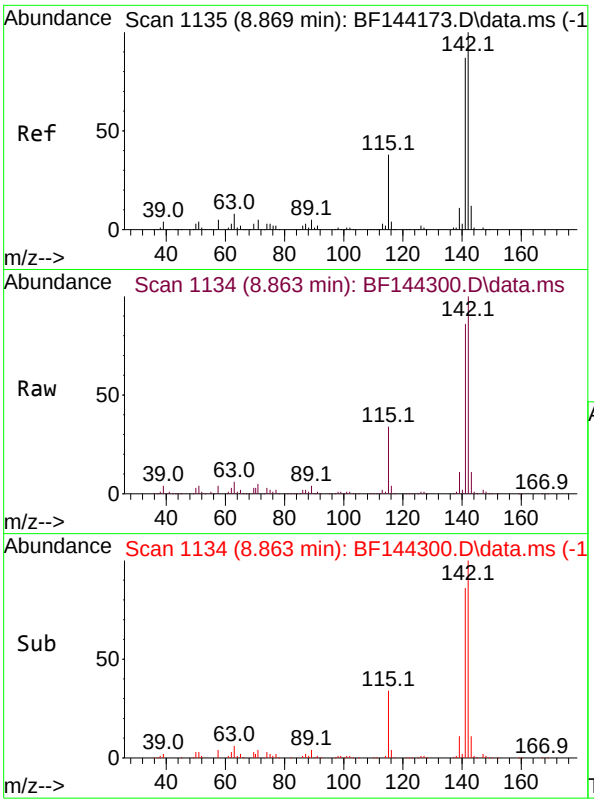


#36
4-Chloro-3-methylphenol
Concen: 42.189 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:107 Resp: 104048

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.3	34.9
142	82.2	63.8	95.6



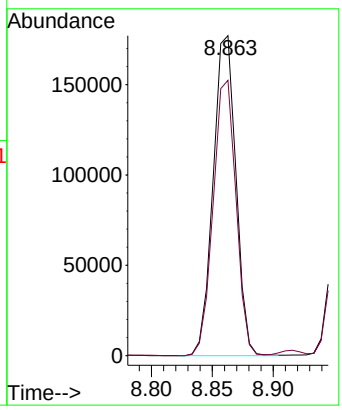


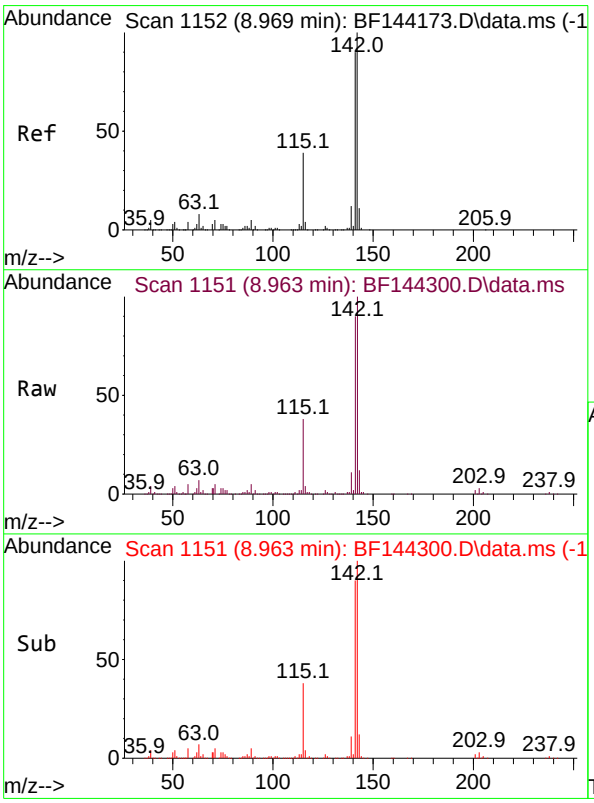
#37
2-Methylnaphthalene
Concen: 42.435 ng
RT: 8.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:142 Resp: 231018

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.9	104.9

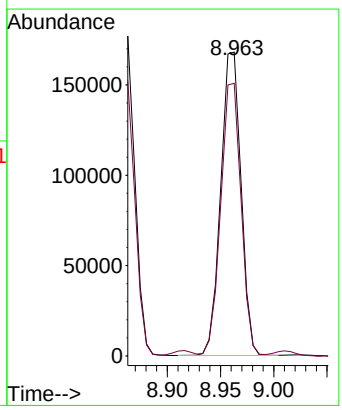


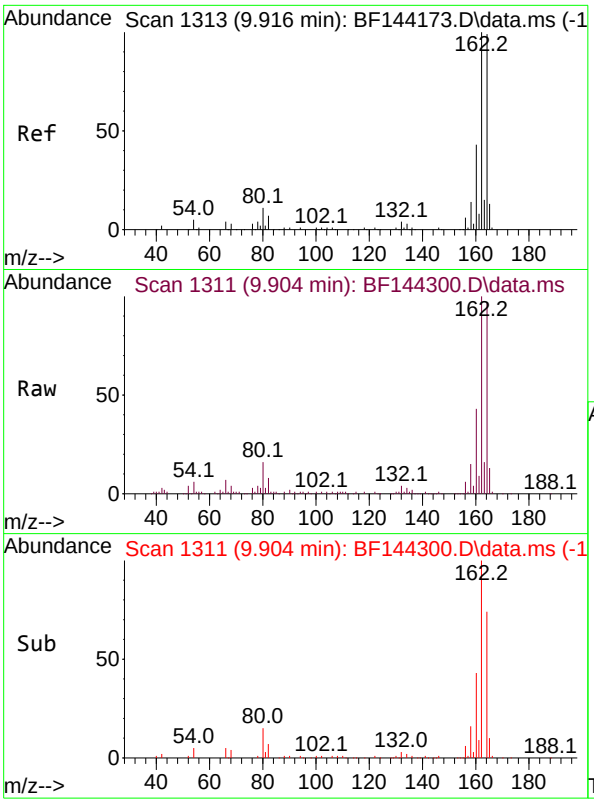


#38
1-Methylnaphthalene
Concen: 42.474 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:142 Resp: 223110

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.1	108.1



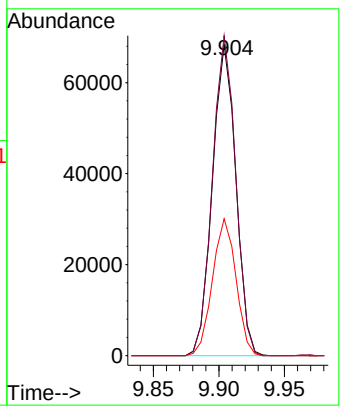


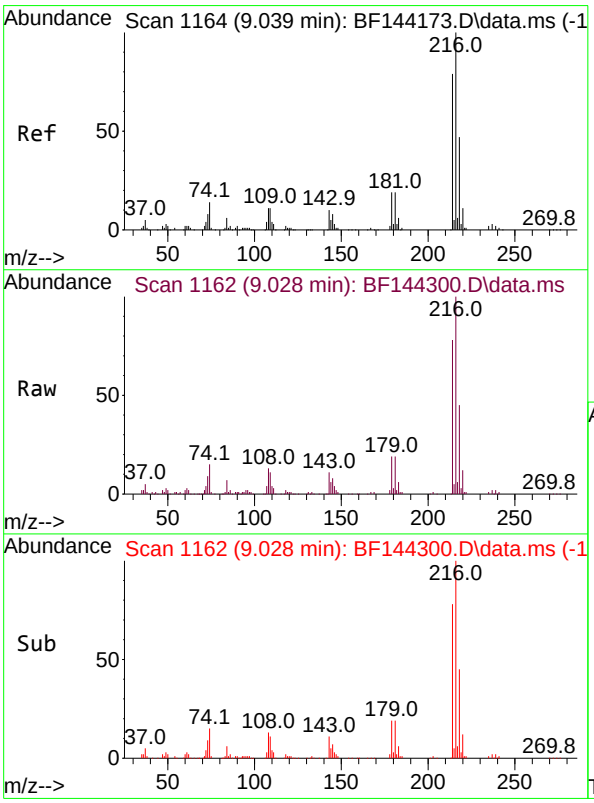
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:164 Resp: 85160

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.1	121.7
160	44.0	34.5	51.7

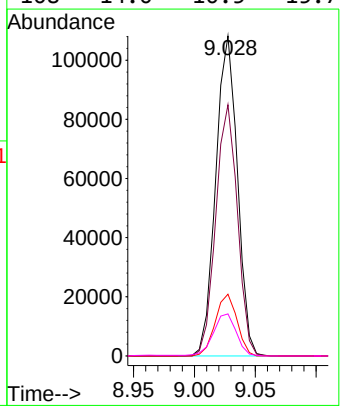


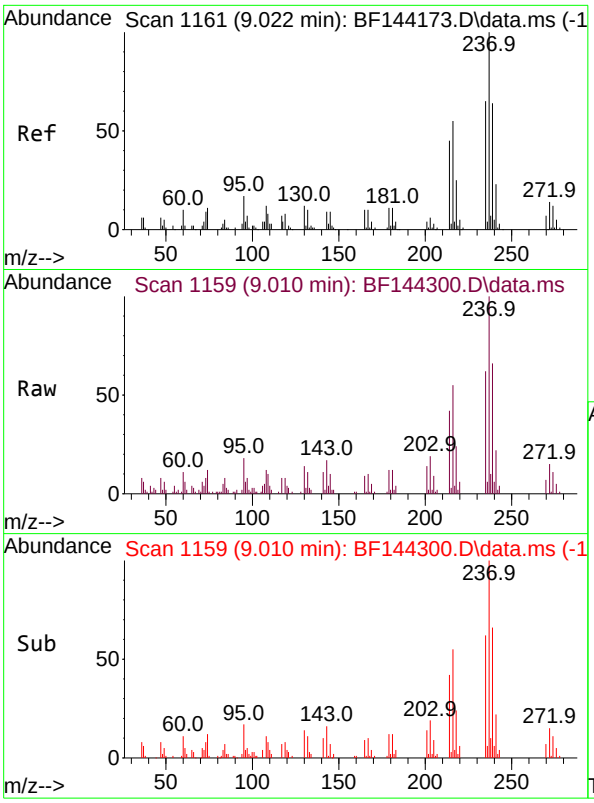


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.040 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:216 Resp: 134078

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	19.3	15.0	22.4
108	14.0	10.5	15.7



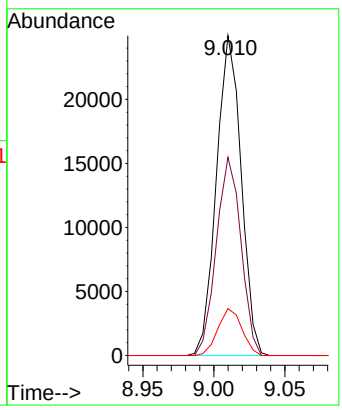


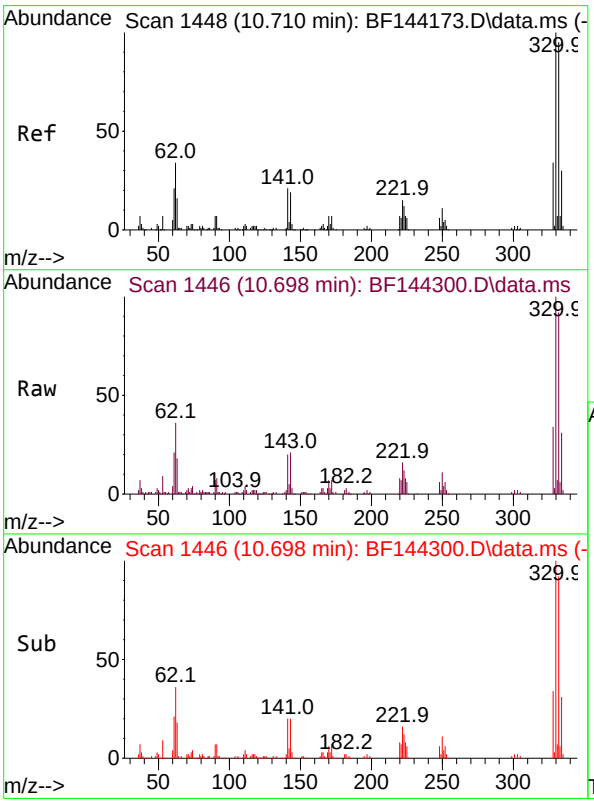
#41
Hexachlorocyclopentadiene
Concen: 36.639 ng
RT: 9.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:237 Resp: 30327

Ion	Ratio	Lower	Upper
237	100		
235	61.9	45.5	85.5
272	14.7	0.0	33.5

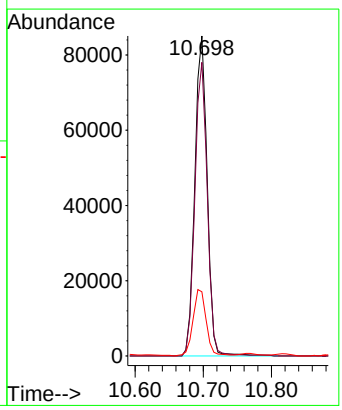


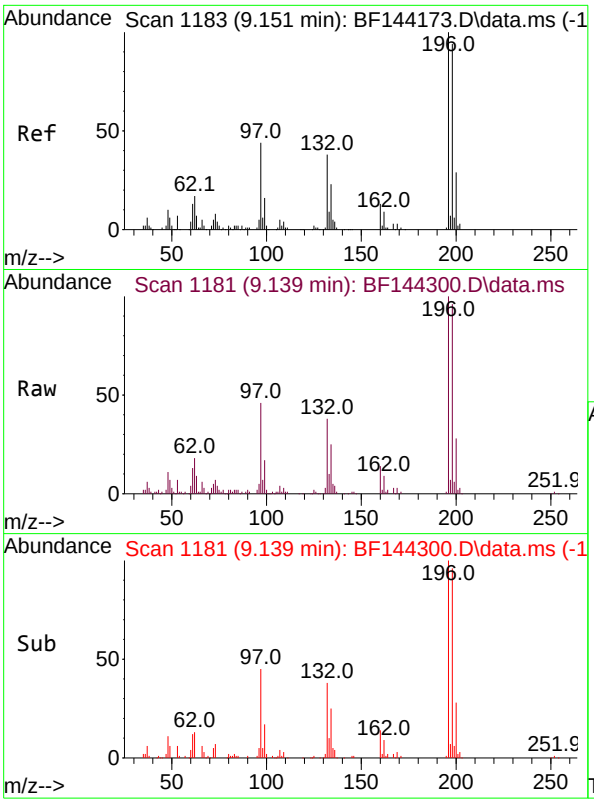


#42
2,4,6-Tribromophenol
Concen: 100.185 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:330 Resp: 107064

Ion	Ratio	Lower	Upper
330	100		
332	92.2	76.7	115.1
141	22.3	17.8	26.8



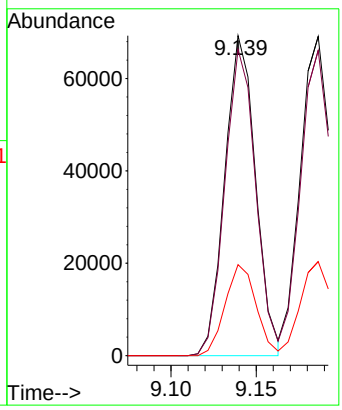


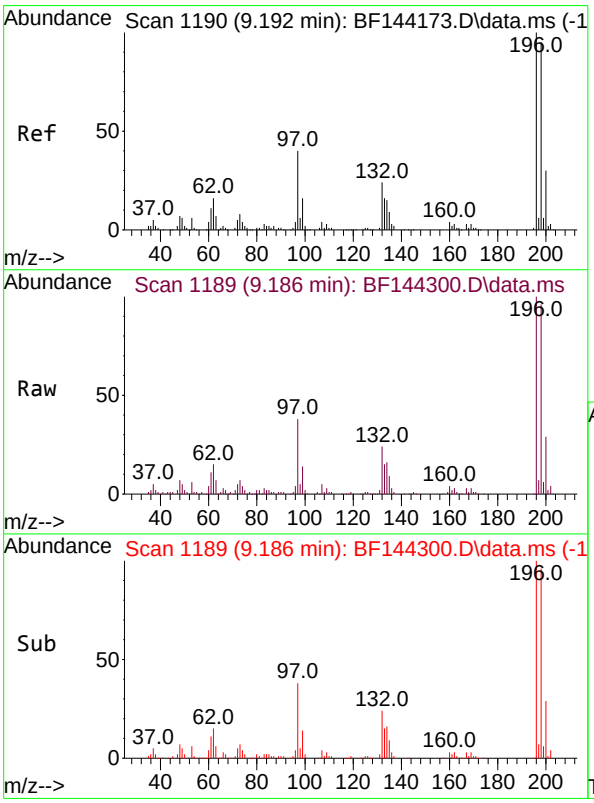
#43
2,4,6-Trichlorophenol
Concen: 45.822 ng
RT: 9.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:196 Resp: 87042

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.3	112.9
200	28.4	23.4	35.2

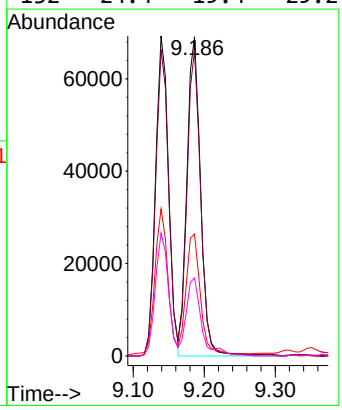


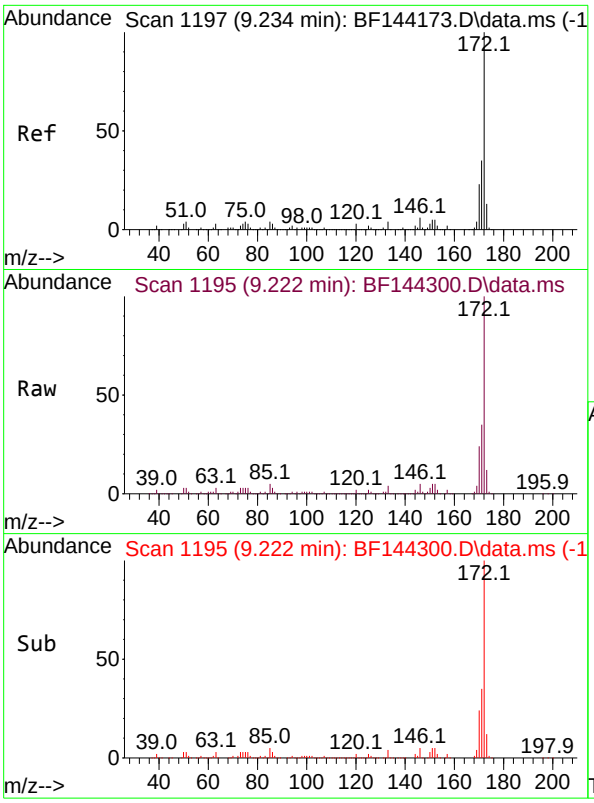


#44
2,4,5-Trichlorophenol
Concen: 45.255 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:196 Resp: 92651

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.1	114.1
97	38.2	31.9	47.9
132	24.4	19.4	29.2



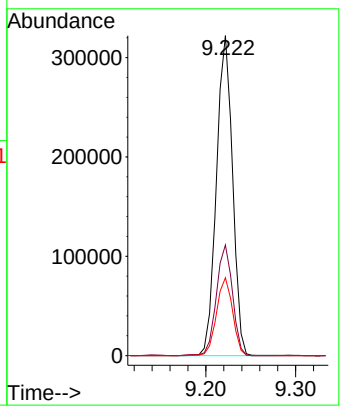


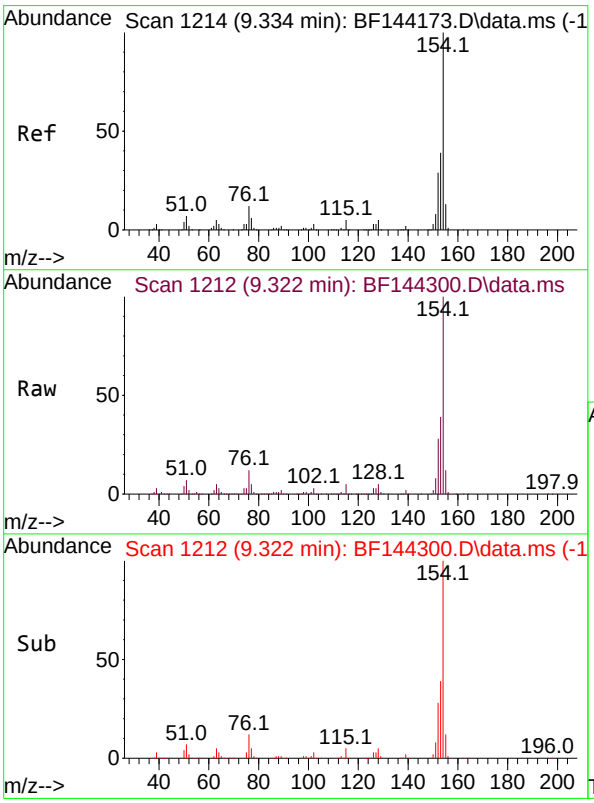
#45
2-Fluorobiphenyl
Concen: 70.064 ng
RT: 9.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:172 Resp: 403988

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	24.3	18.6	28.0

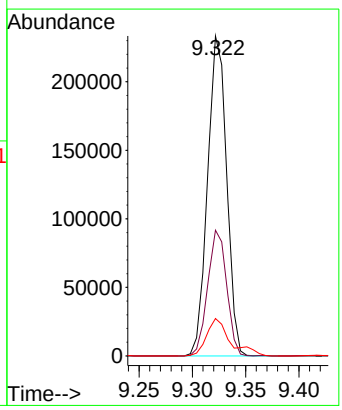


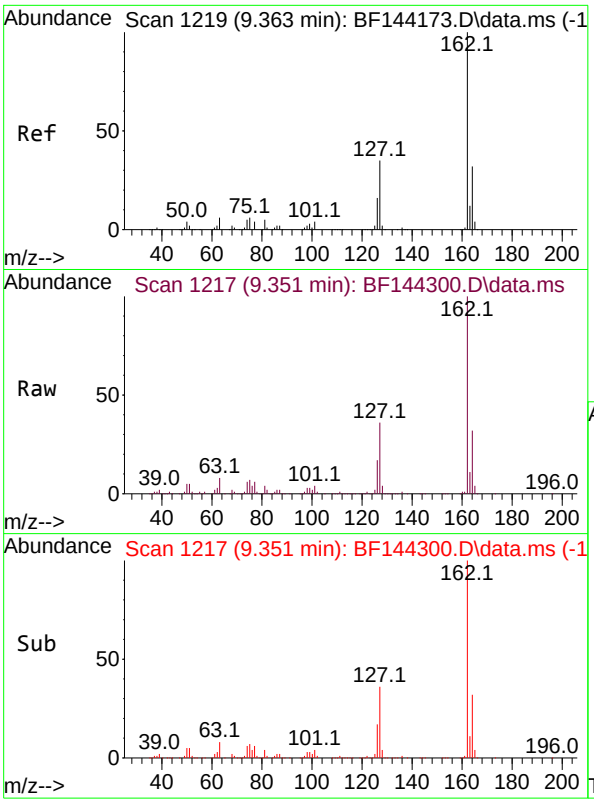


#46
1,1'-Biphenyl
Concen: 48.940 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:154 Resp: 290921

Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.2	59.2
76	11.7	0.0	31.8



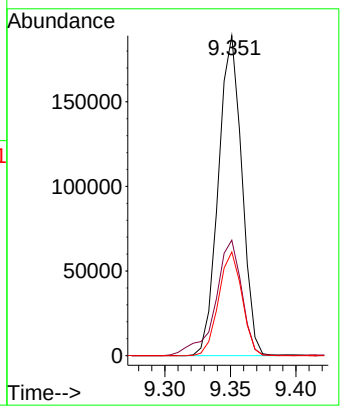


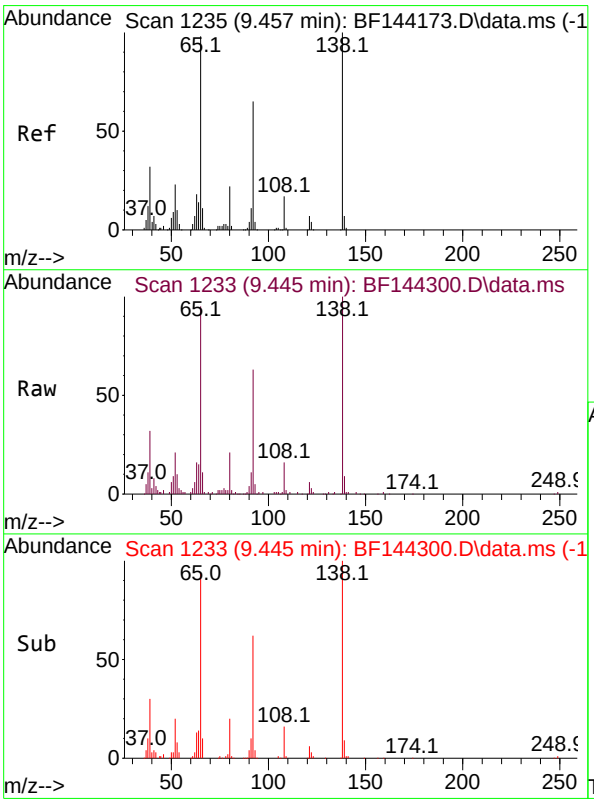
#47
2-Chloronaphthalene
Concen: 46.427 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:162 Resp: 235417

Ion	Ratio	Lower	Upper
162	100		
127	36.1	28.8	43.2
164	32.4	25.8	38.8

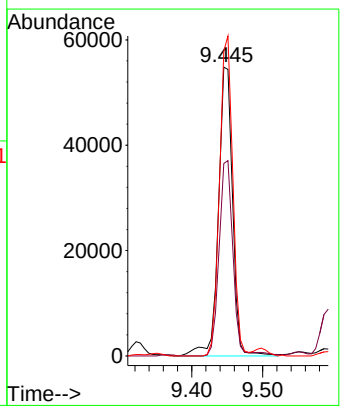


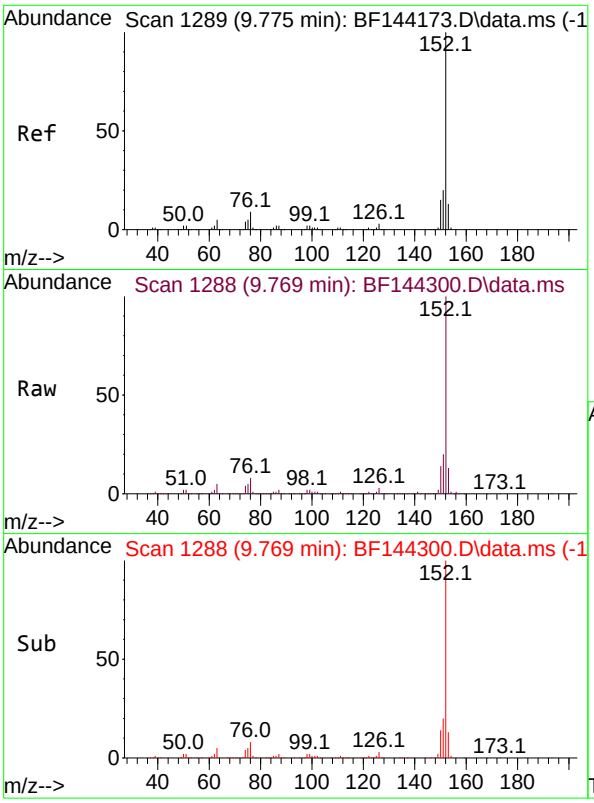


#48
2-Nitroaniline
Concen: 52.155 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion: 65 Resp: 76306

Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.0	79.6
138	105.5	81.6	122.4



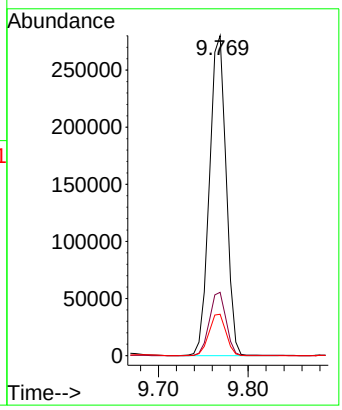


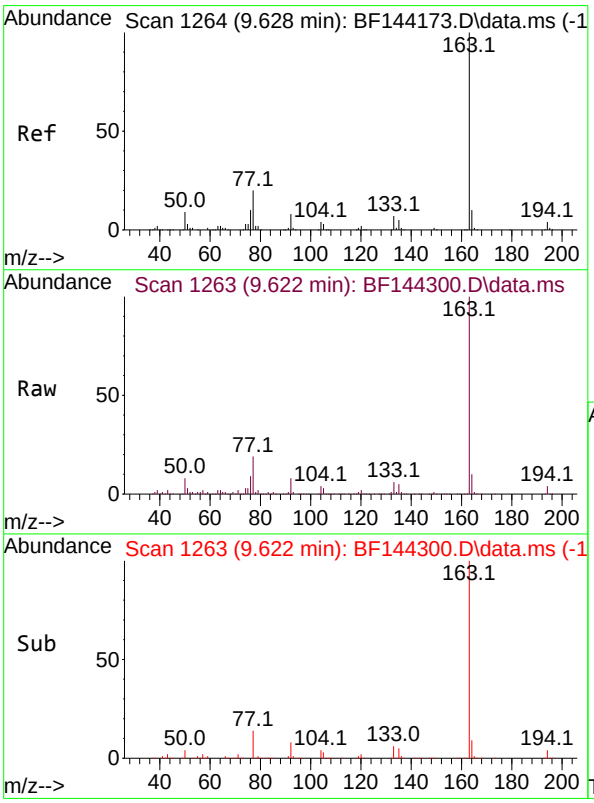
#49
Acenaphthylene
Concen: 52.751 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:152 Resp: 364510

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	12.9	10.5	15.7

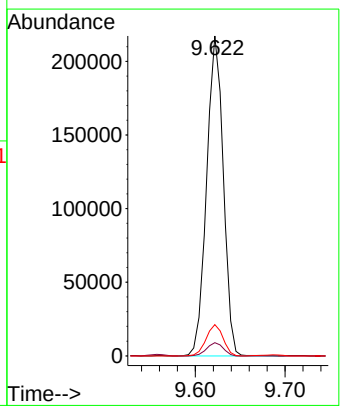


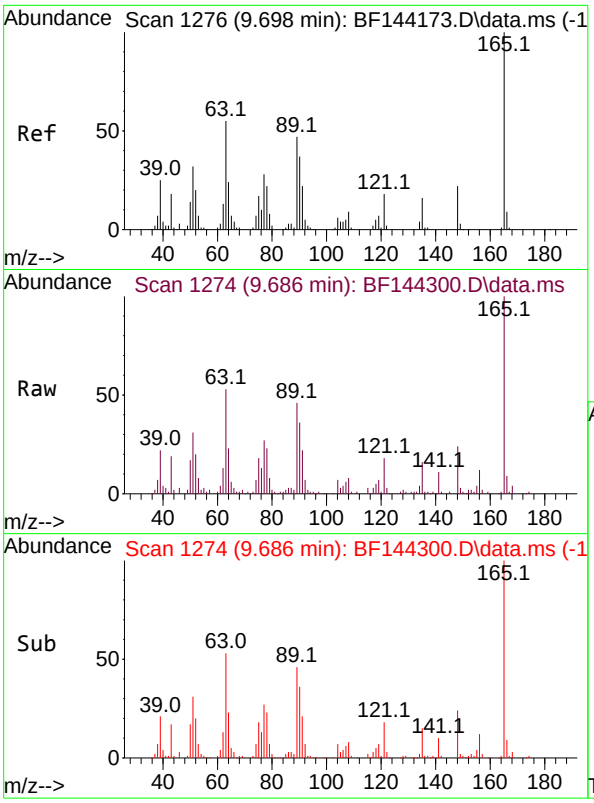


#50
Dimethylphthalate
Concen: 49.740 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:163 Resp: 280620

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	8.1	12.1



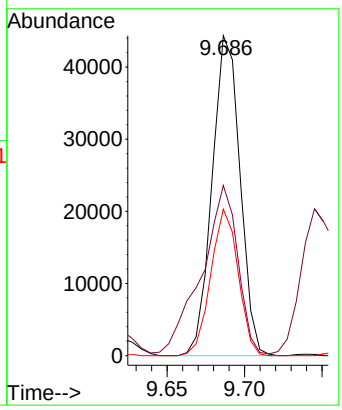


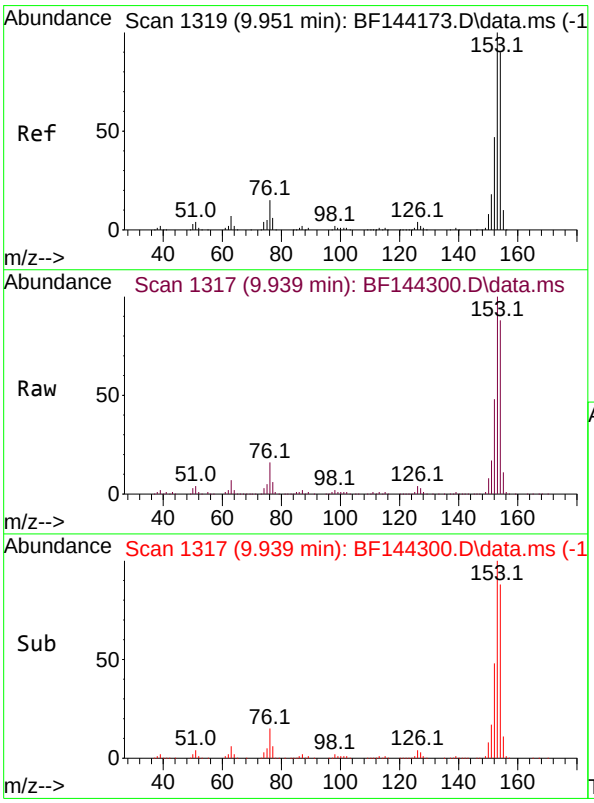
#51
2,6-Dinitrotoluene
Concen: 48.851 ng
RT: 9.686 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:165 Resp: 55791

Ion	Ratio	Lower	Upper
165	100		
63	53.2	43.8	65.8
89	45.8	37.5	56.3

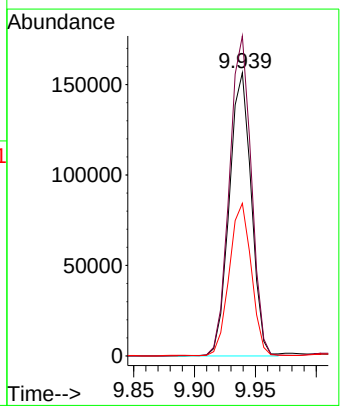


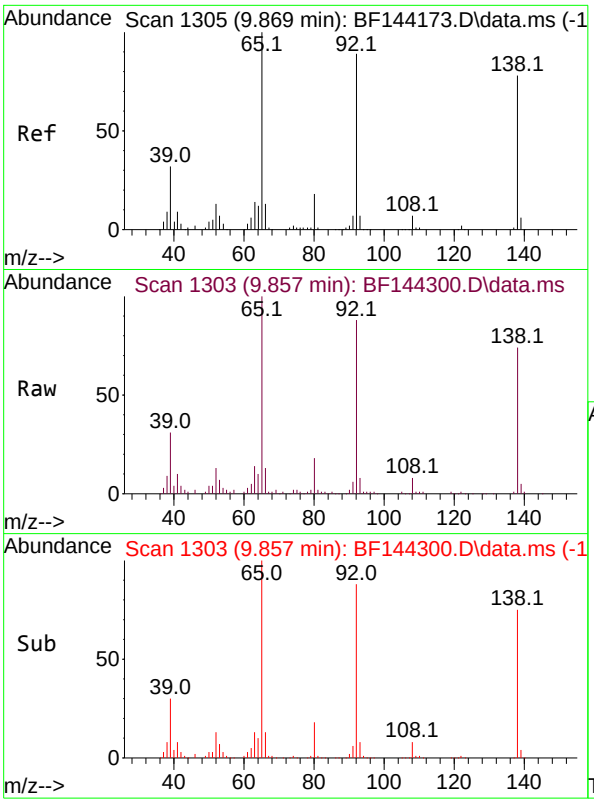


#52
Acenaphthene
Concen: 42.585 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:154 Resp: 196774

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.0	133.4
152	53.9	42.2	63.4



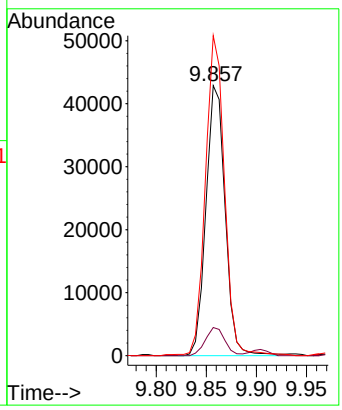


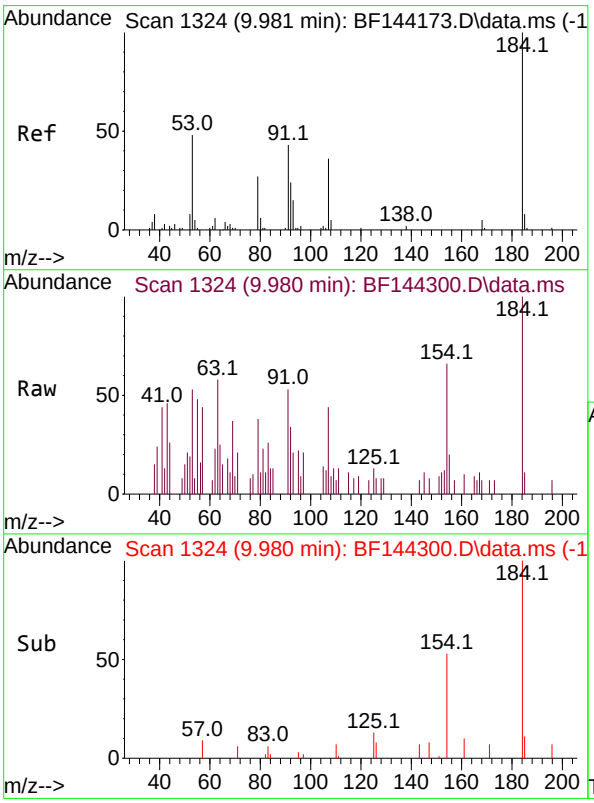
#53
3-Nitroaniline
Concen: 45.672 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:138 Resp: 57019

Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.5	11.3
92	118.5	91.8	137.6

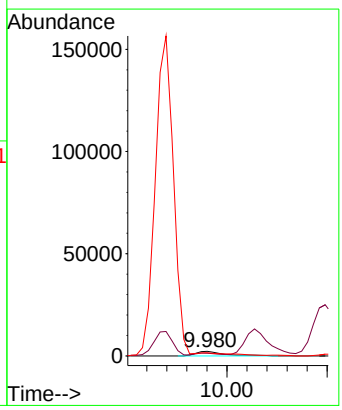


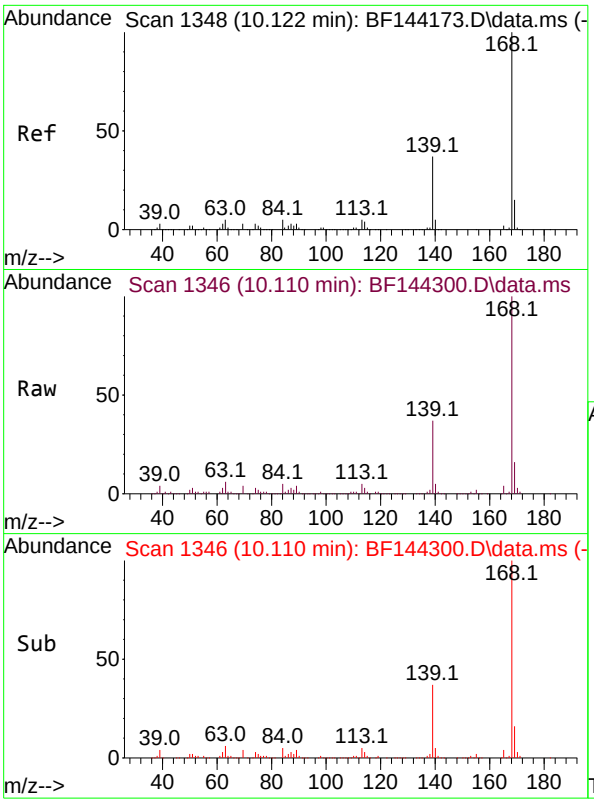


#54
2,4-Dinitrophenol
Concen: 6.215 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:184 Resp: 4286

Ion	Ratio	Lower	Upper
184	100		
63	57.7	44.0	66.0
154	66.0	42.4	63.6#



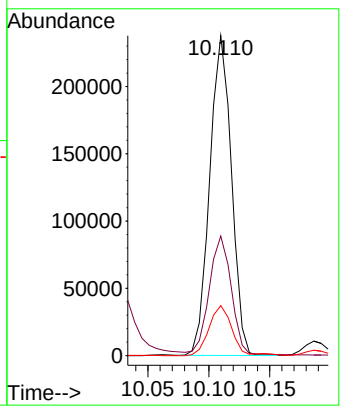


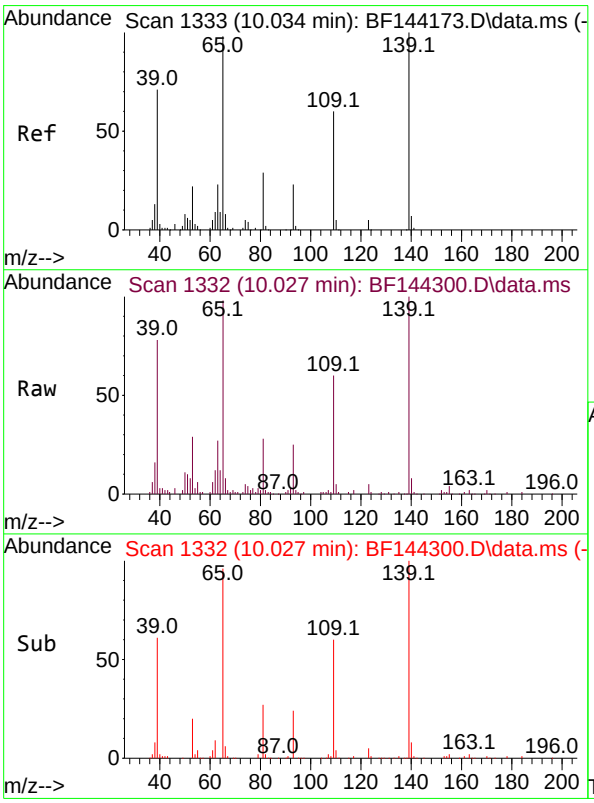
#55
Dibenzofuran
Concen: 45.586 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:168 Resp: 295017

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.2	45.2
169	15.6	12.2	18.4

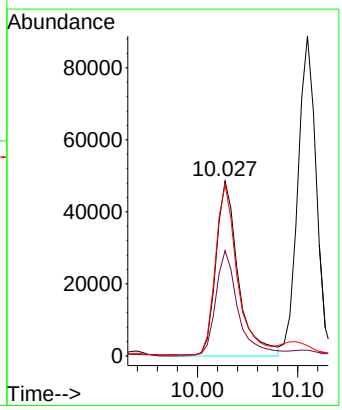


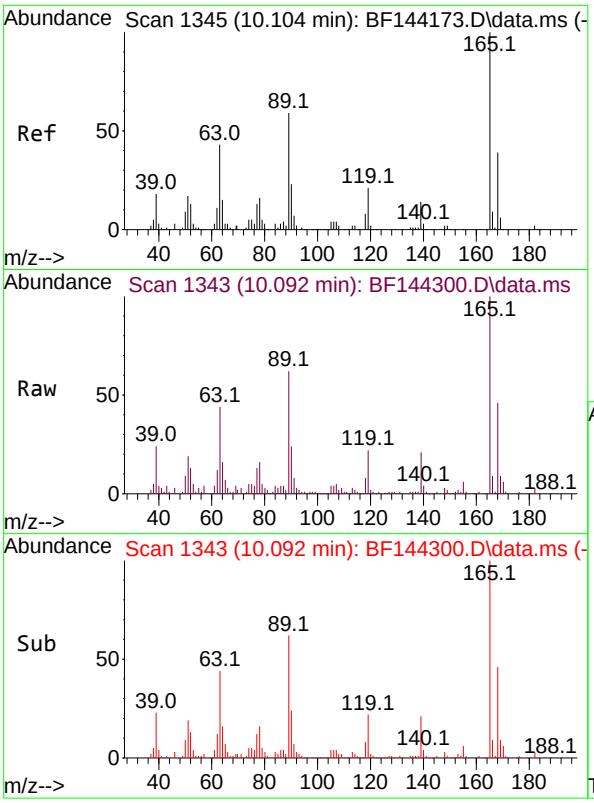


#56
4-Nitrophenol
Concen: 83.436 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:139 Resp: 75349

Ion	Ratio	Lower	Upper
139	100		
109	60.2	39.9	79.9
65	98.0	79.5	119.5



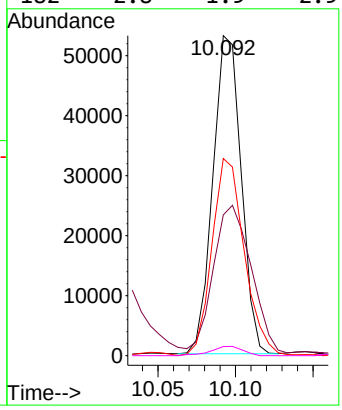


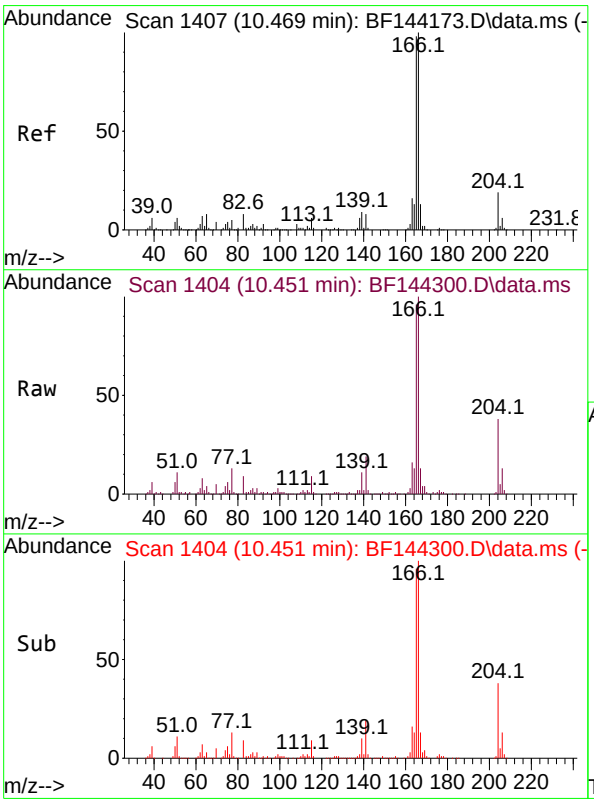
#57
2,4-Dinitrotoluene
Concen: 44.142 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:165 Resp: 67487

Ion	Ratio	Lower	Upper
165	100		
63	44.0	35.5	53.3
89	61.6	47.4	71.2
182	2.8	1.9	2.9

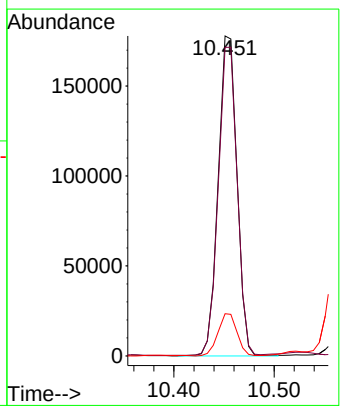


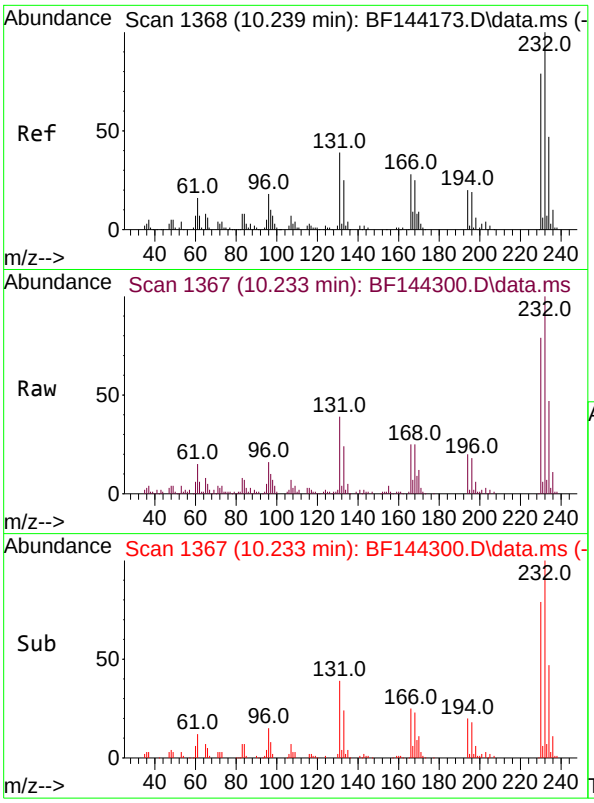


#58
Fluorene
Concen: 47.270 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:166 Resp: 232586

Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.6	118.0
167	13.2	10.4	15.6



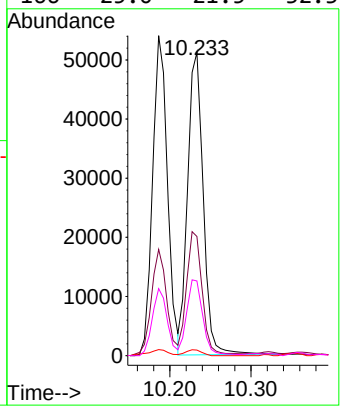


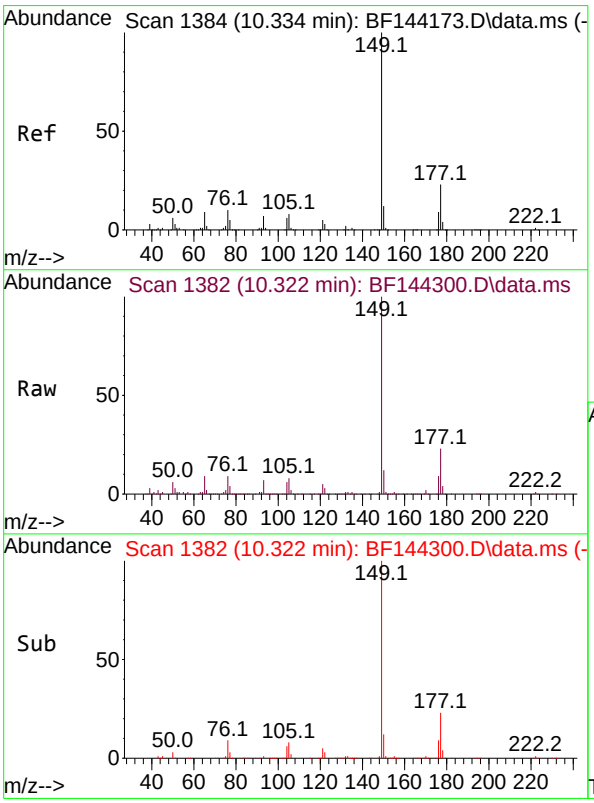
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.100 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:232 Resp: 68224

Ion	Ratio	Lower	Upper
232	100		
131	39.5	30.3	45.5
130	2.0	1.2	1.8#
166	25.0	21.5	32.3

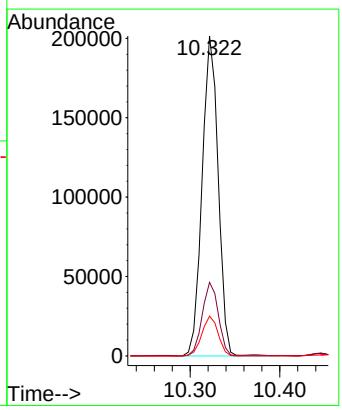


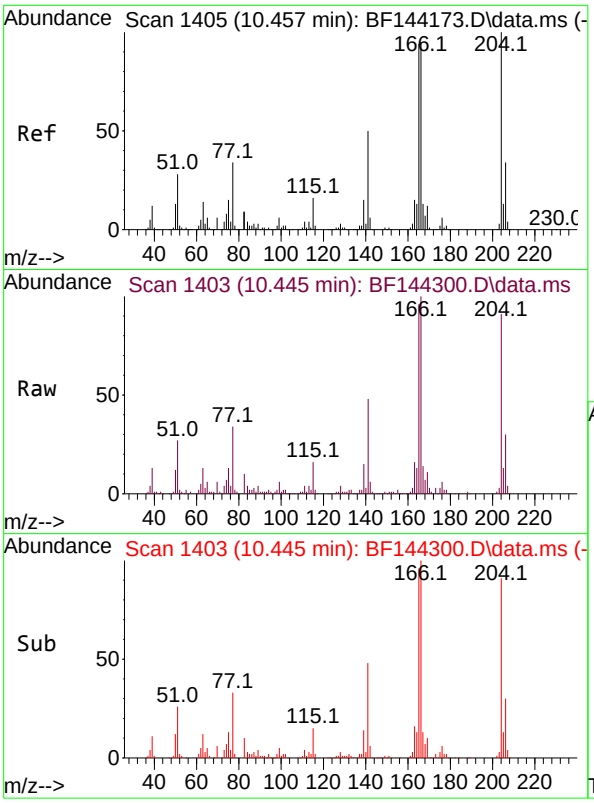


#60
Diethylphthalate
Concen: 48.020 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:149 Resp: 249740

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.4	9.8	14.6



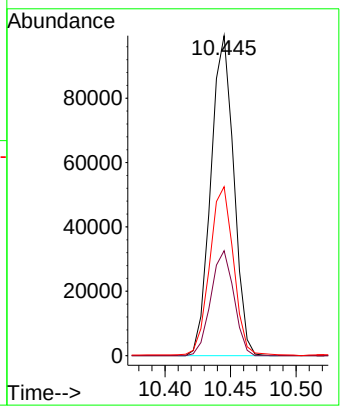


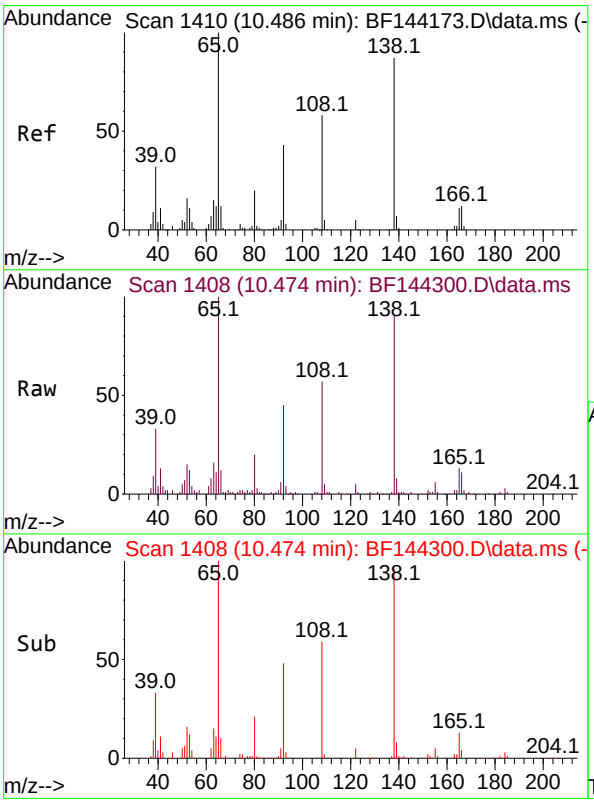
#61
4-Chlorophenyl-phenylether
Concen: 43.249 ng
RT: 10.445 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:204 Resp: 121218

Ion	Ratio	Lower	Upper
204	100		
206	32.8	27.4	41.2
141	52.8	40.0	60.0

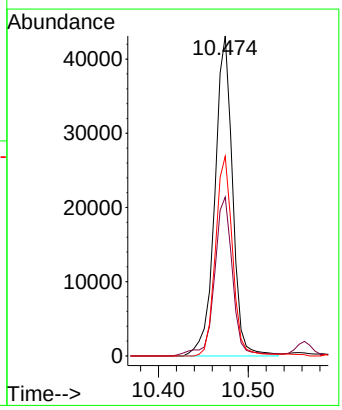


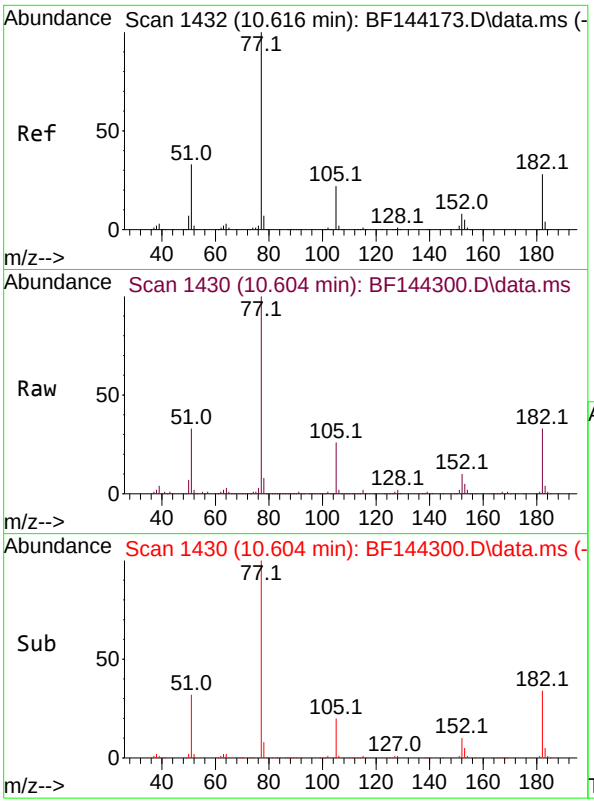


#62
4-Nitroaniline
Concen: 50.155 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:138 Resp: 59630

Ion	Ratio	Lower	Upper
138	100		
92	49.6	29.4	69.4
108	62.4	46.4	86.4



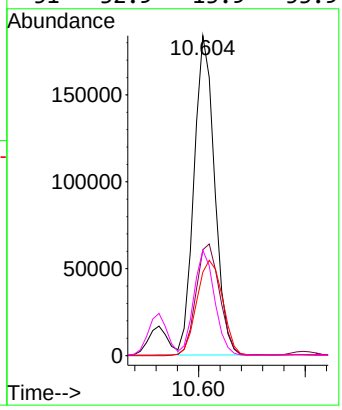


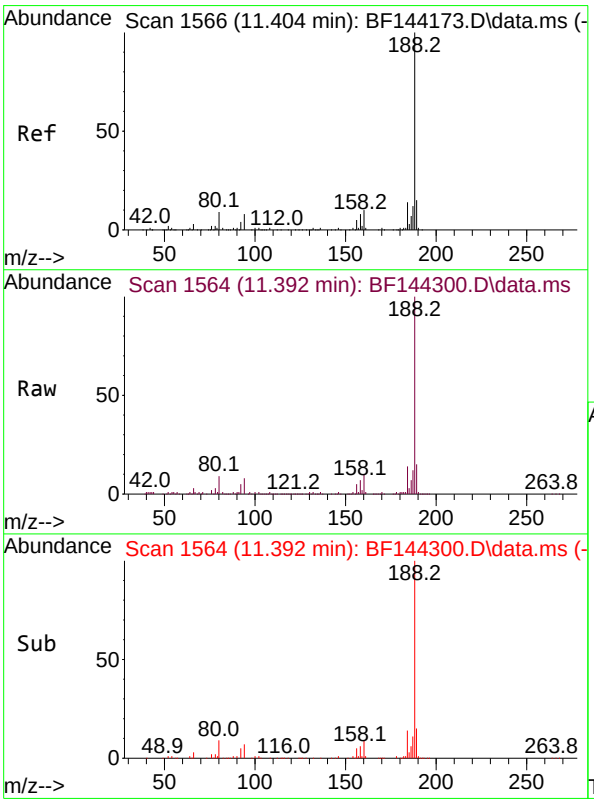
#63
Azobenzene
Concen: 50.808 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion: 77 Resp: 245920

Ion	Ratio	Lower	Upper
77	100		
182	33.1	8.1	48.1
105	26.1	2.0	42.0
51	32.9	13.9	53.9

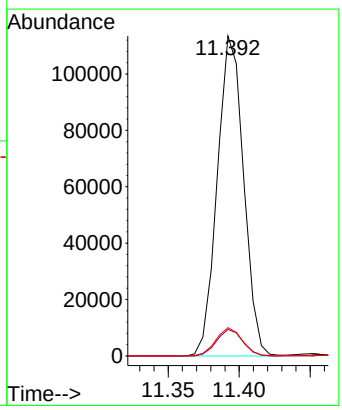


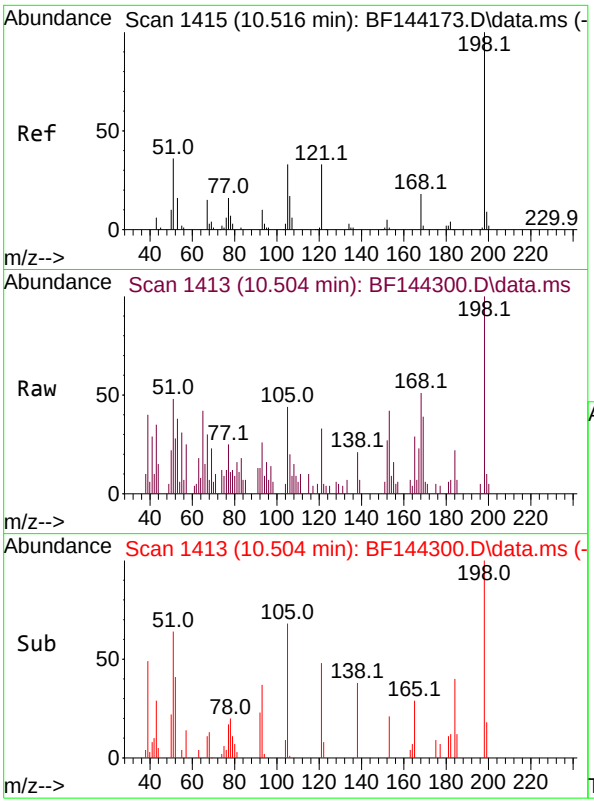


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:188 Resp: 146273

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.2	9.2
80	8.8	6.9	10.3



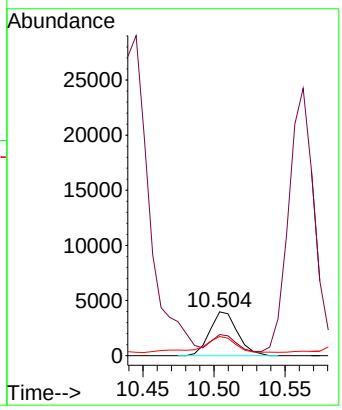


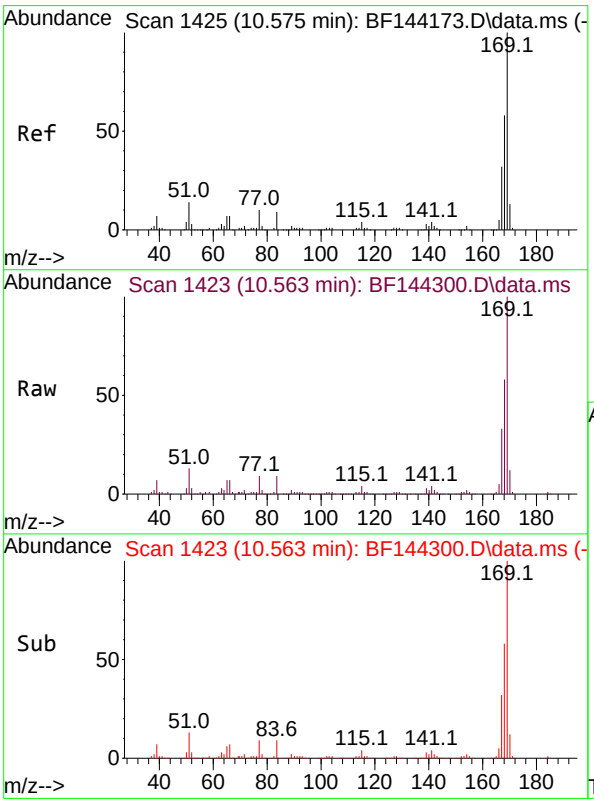
#65
4,6-Dinitro-2-methylphenol
Concen: 5.405 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:198 Resp: 5371

Ion	Ratio	Lower	Upper
198	100		
51	48.2	25.6	65.6
105	43.8	14.6	54.6

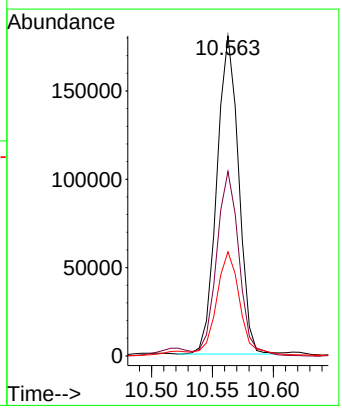


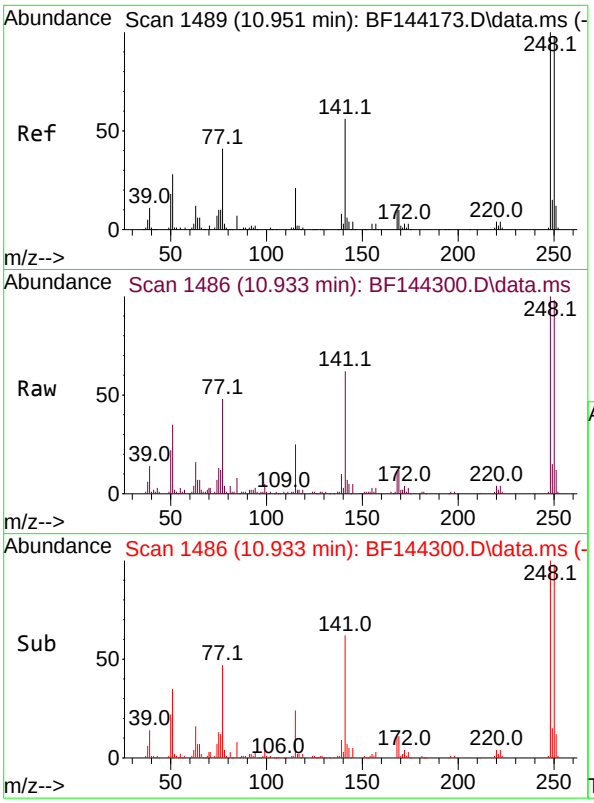


#66
n-Nitrosodiphenylamine
Concen: 47.655 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:169 Resp: 224196

Ion	Ratio	Lower	Upper
169	100		
168	57.6	46.2	69.2
167	32.5	25.7	38.5



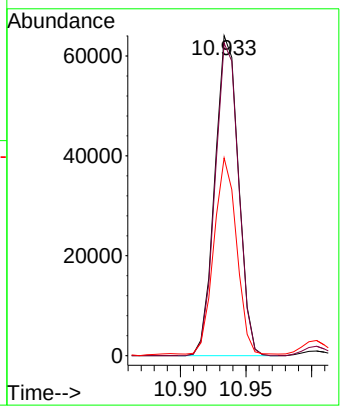


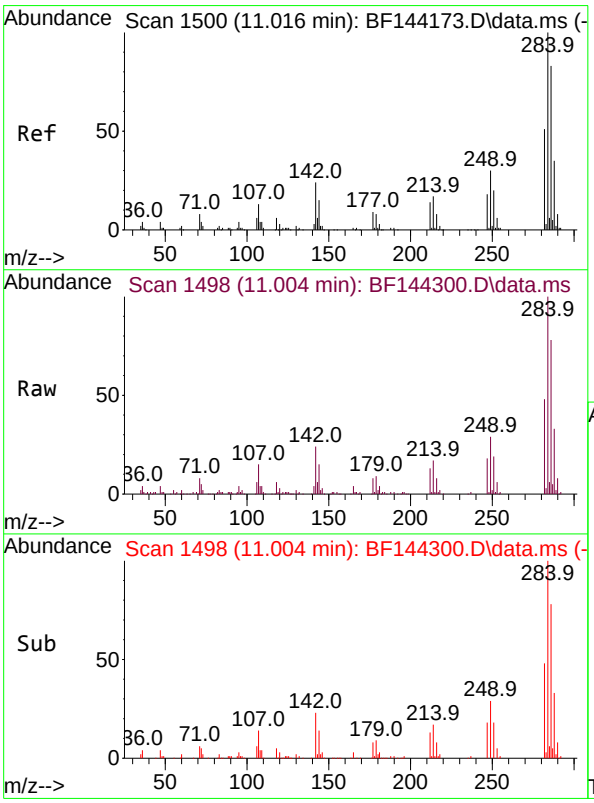
#67
4-Bromophenyl-phenylether
Concen: 43.110 ng
RT: 10.933 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:248 Resp: 80488

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.4	117.6
141	61.8	45.1	67.7

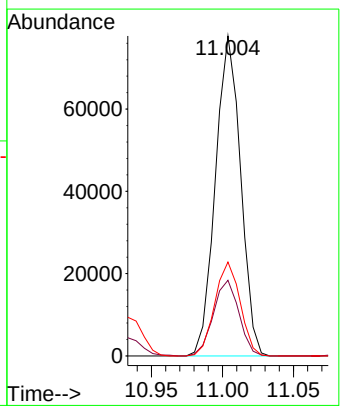


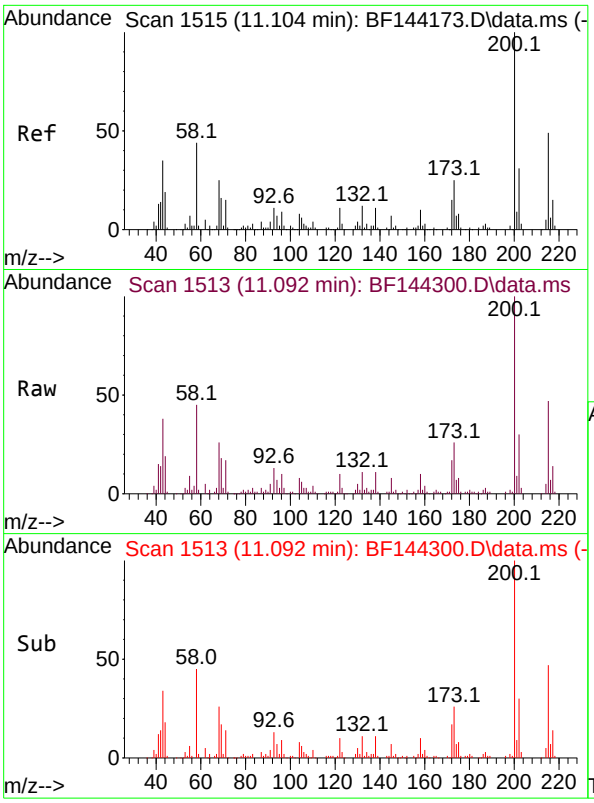


#68
Hexachlorobenzene
Concen: 43.599 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:284 Resp: 95880

Ion	Ratio	Lower	Upper
284	100		
142	23.7	19.2	28.8
249	29.3	23.8	35.8



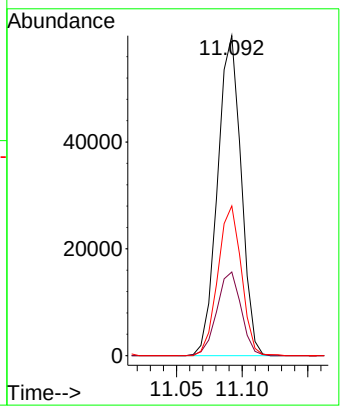


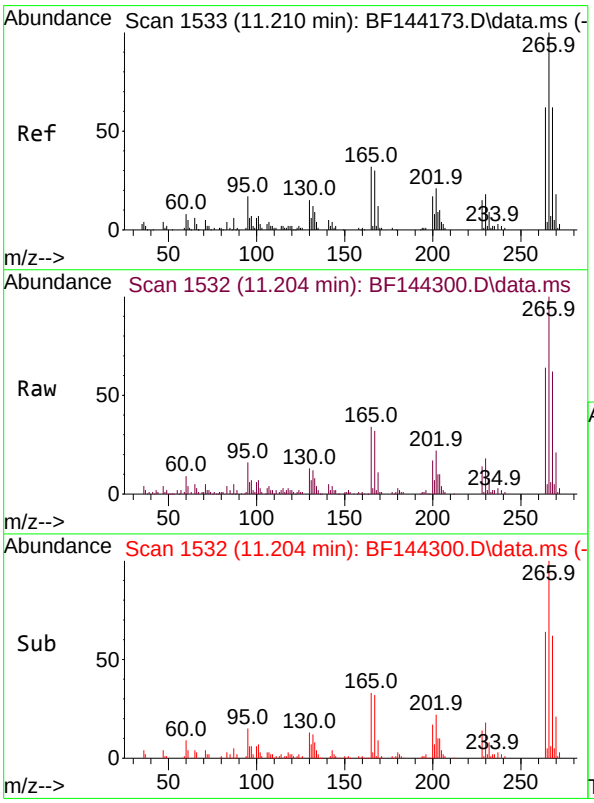
#69
Atrazine
Concen: 50.186 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:200 Resp: 75085

Ion	Ratio	Lower	Upper
200	100		
173	26.1	5.0	45.0
215	46.8	28.7	68.7

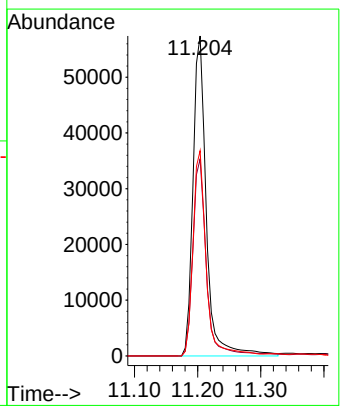


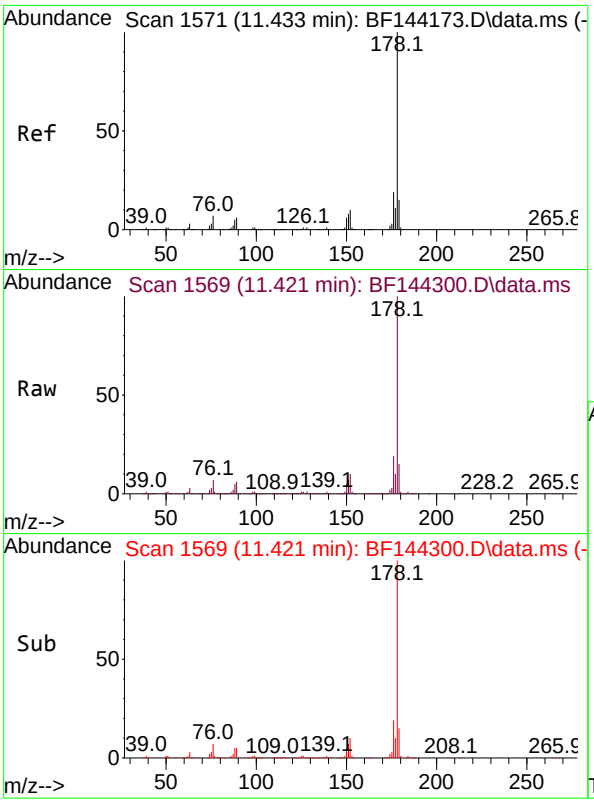


#70
Pentachlorophenol
Concen: 77.415 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:266 Resp: 84776

Ion	Ratio	Lower	Upper
266	100		
268	61.5	49.5	74.3
264	64.1	49.4	74.2



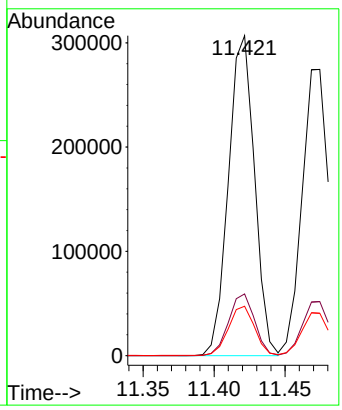


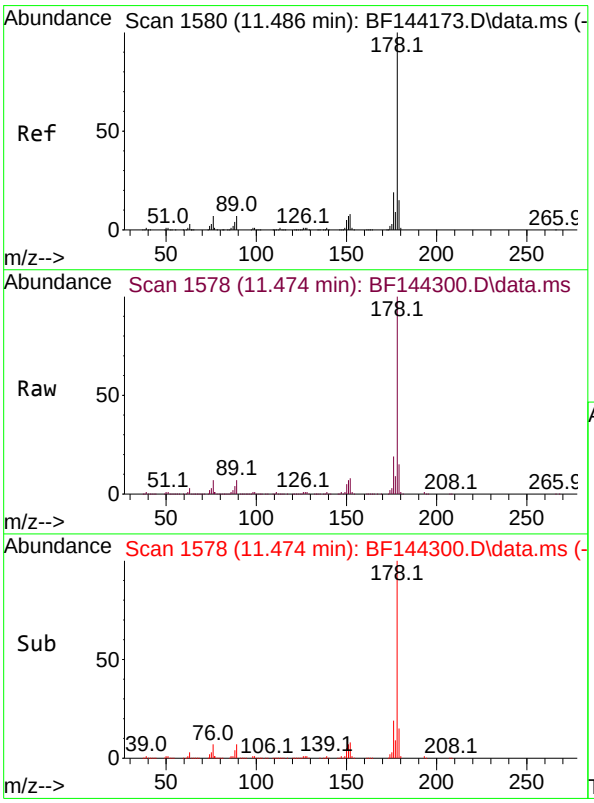
#71
Phenanthrene
Concen: 53.758 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:178 Resp: 391504

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.2	18.4

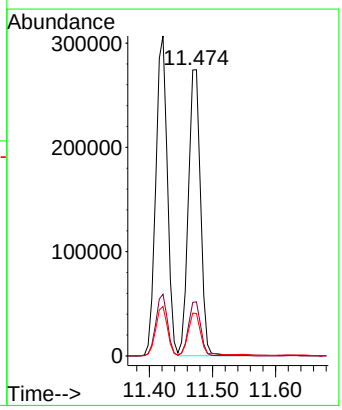


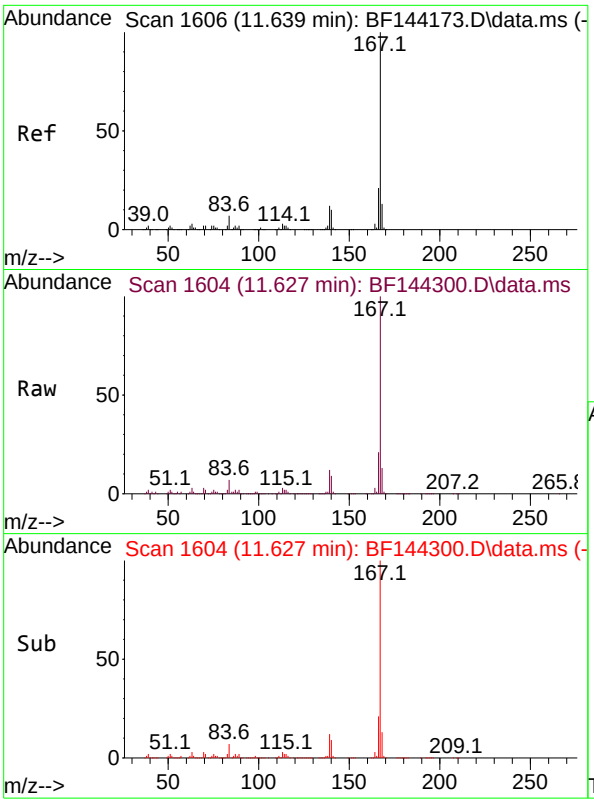


#72
Anthracene
Concen: 49.495 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:178 Resp: 366528

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	14.8	12.0	18.0



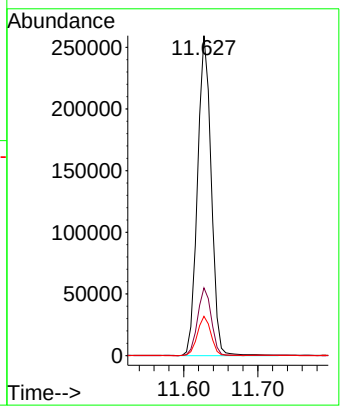


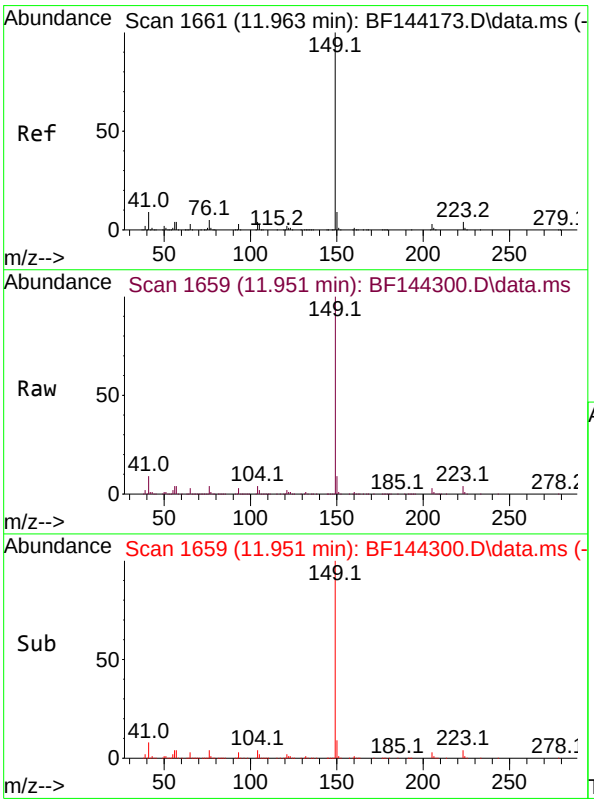
#73
Carbazole
Concen: 52.807 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:167 Resp: 332523

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.3	9.9	14.9

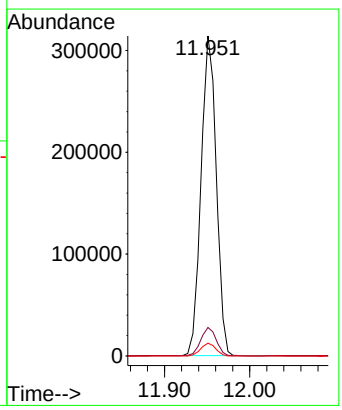


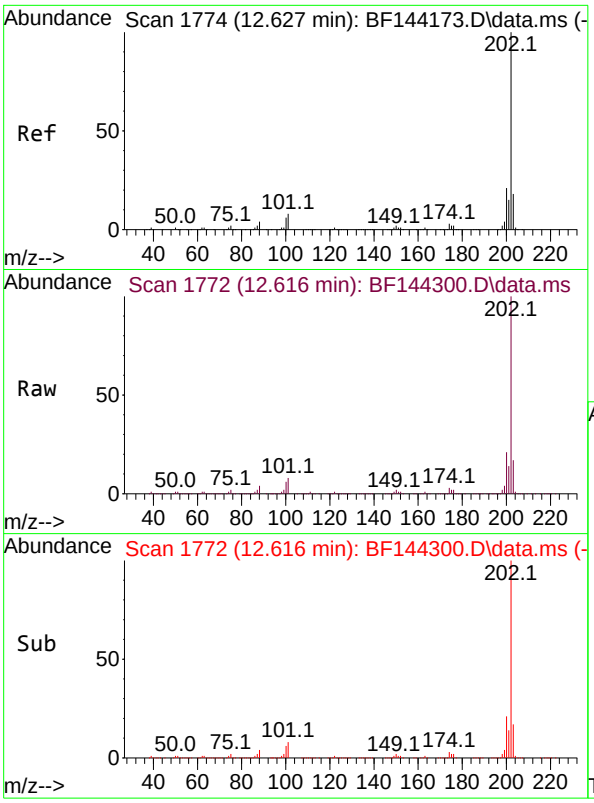


#74
Di-n-butylphthalate
Concen: 51.134 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:149 Resp: 389249

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.0	3.4	5.2



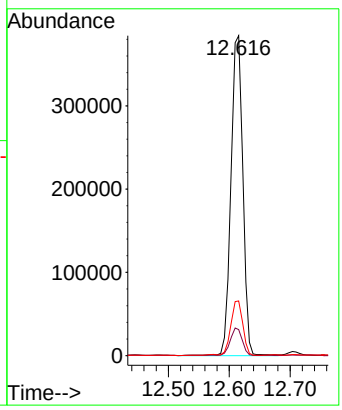


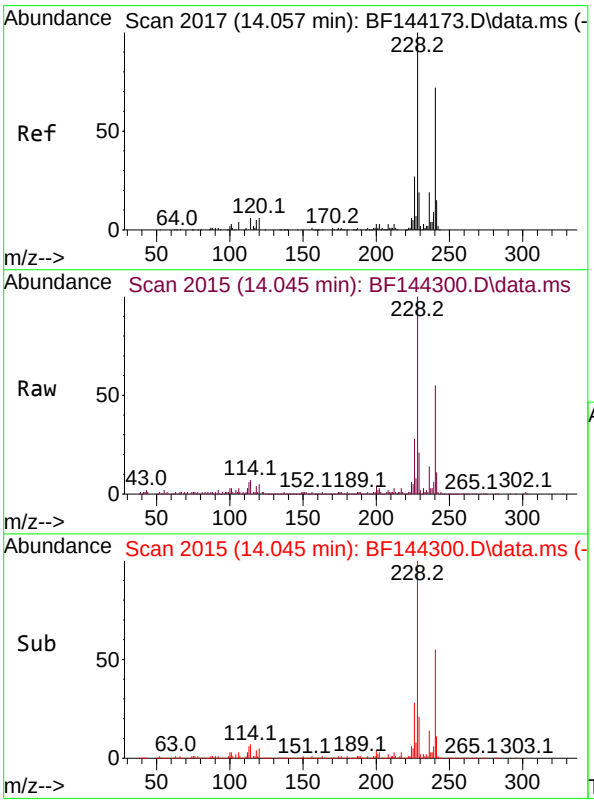
#75
Fluoranthene
Concen: 69.163 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:202 Resp: 520318

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.9
203	17.1	0.0	37.5

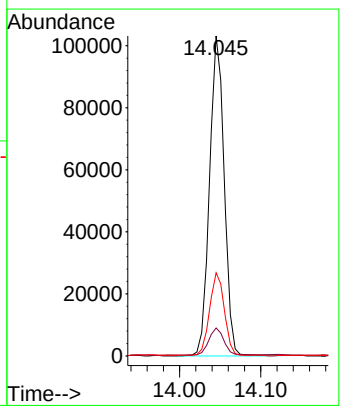


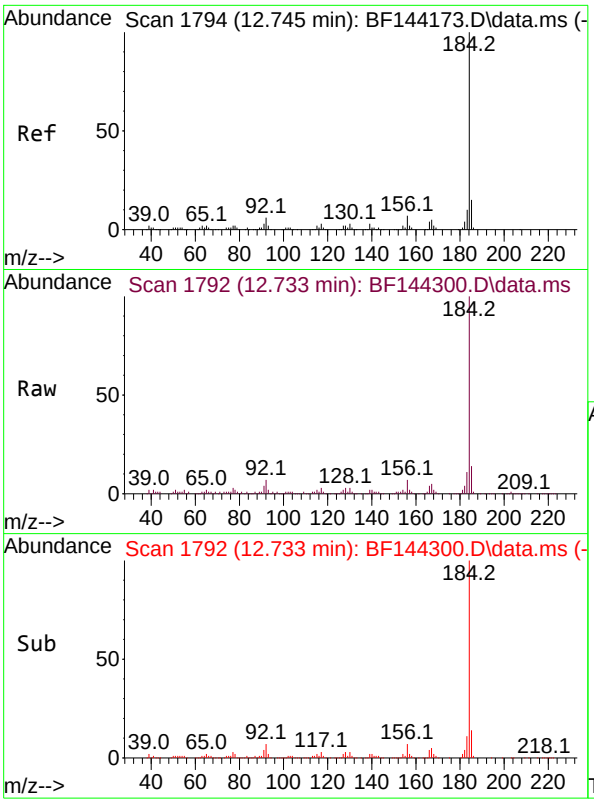


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:240 Resp: 130159

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.6	10.0
236	26.0	21.4	32.2



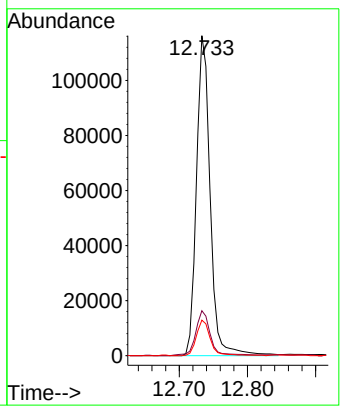


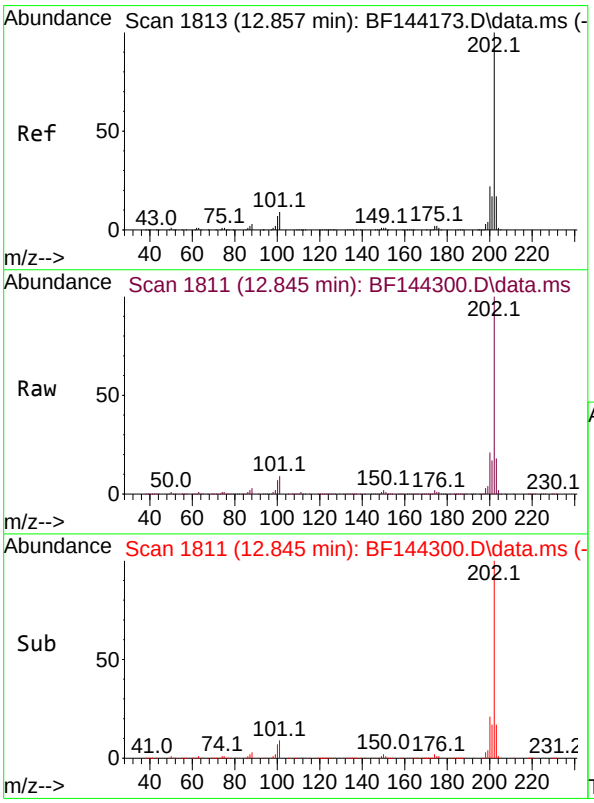
#77
Benzidine
Concen: 42.136 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:184 Resp: 162223

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.7	17.5
183	11.1	8.3	12.5

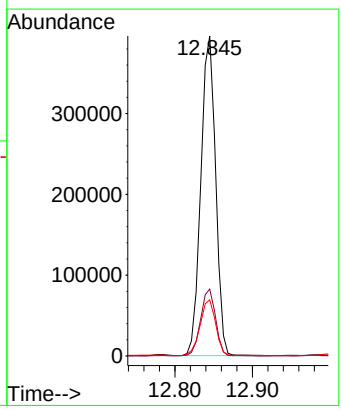


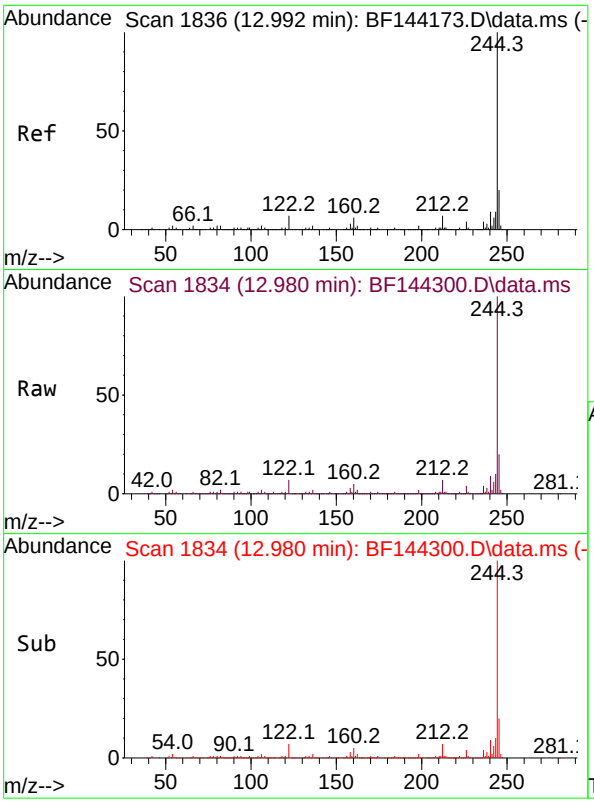


#78
Pyrene
Concen: 49.911 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:202 Resp: 523793

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.5	13.7	20.5



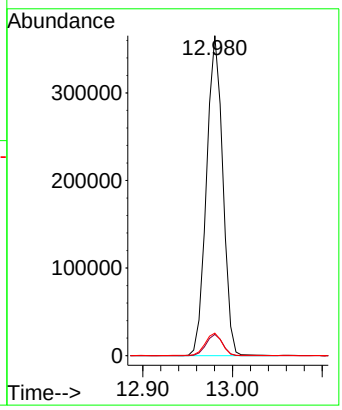


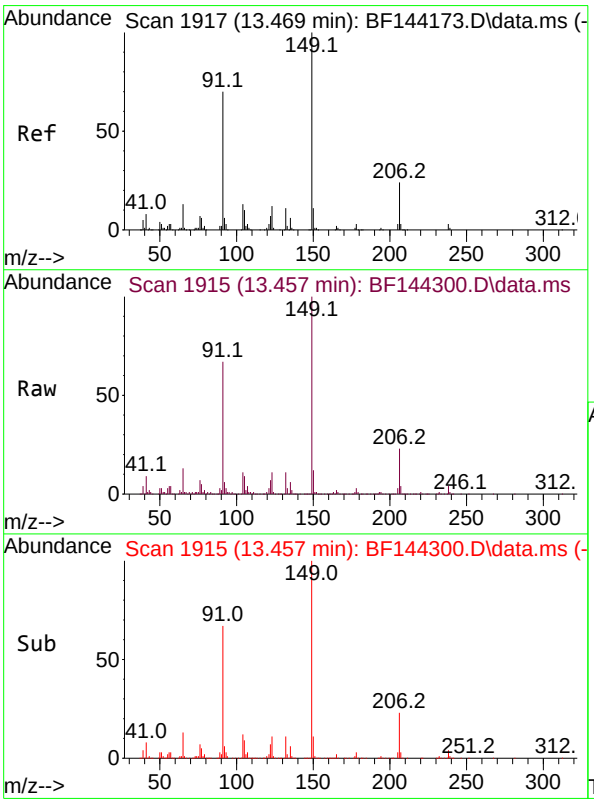
#79
Terphenyl-d14
Concen: 56.209 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:244 Resp: 460592

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	7.0	5.6	8.4

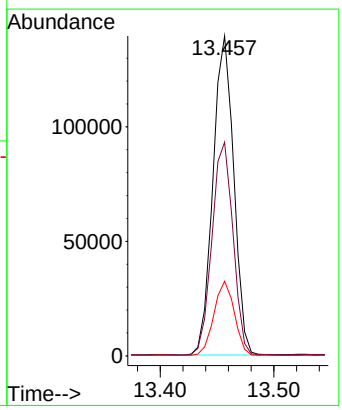


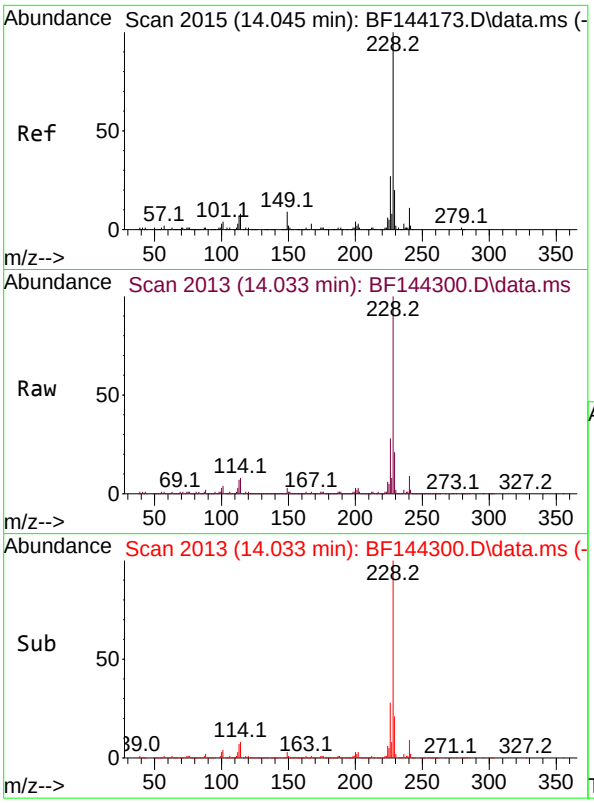


#80
Butylbenzylphthalate
Concen: 48.747 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:149 Resp: 177309

Ion	Ratio	Lower	Upper
149	100		
91	66.8	56.1	84.1
206	23.3	18.8	28.2



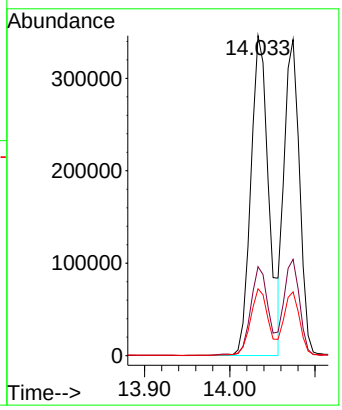


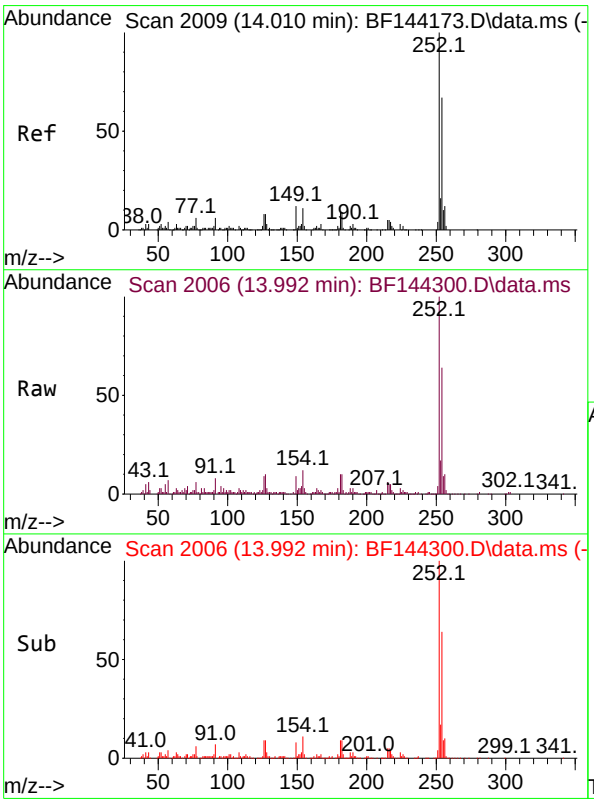
#81
Benzo(a)anthracene
Concen: 55.911 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:228 Resp: 504374

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.9	15.8	23.6

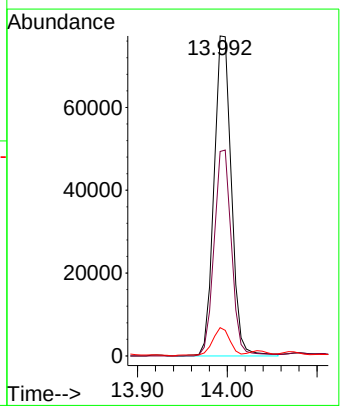


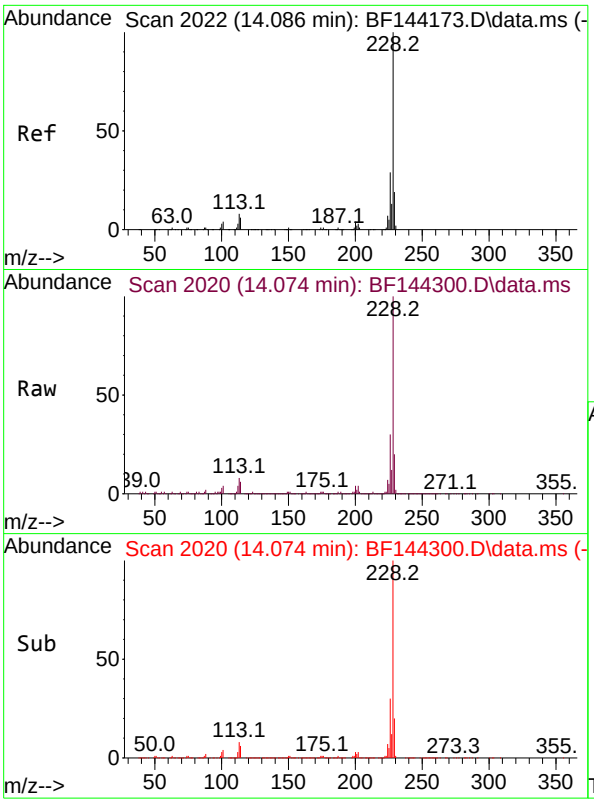


#82
3,3'-Dichlorobenzidine
Concen: 33.771 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:252 Resp: 104427

Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.5	80.3
126	8.8	6.4	9.6



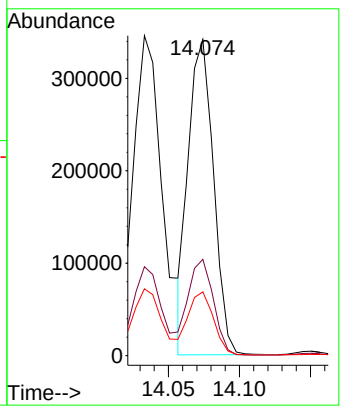


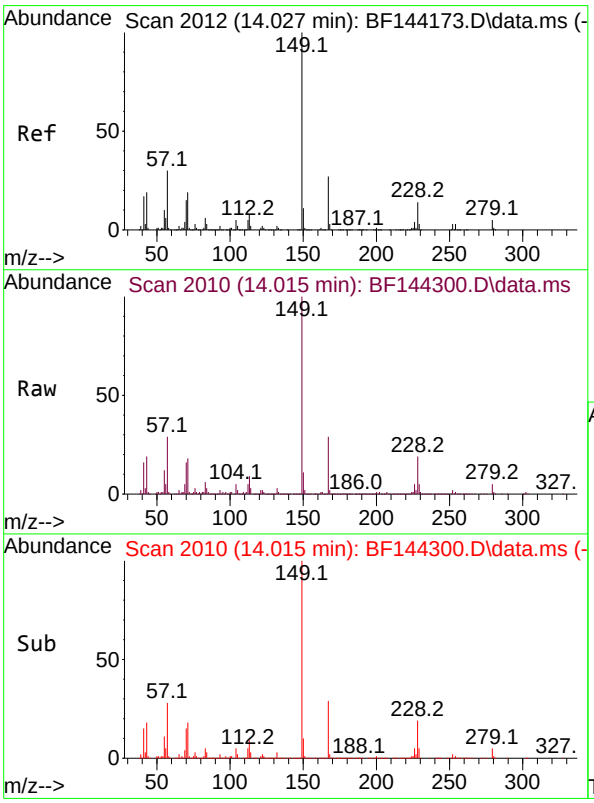
#83
Chrysene
Concen: 50.507 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:228 Resp: 420603

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.9	34.3
229	20.2	15.0	22.6

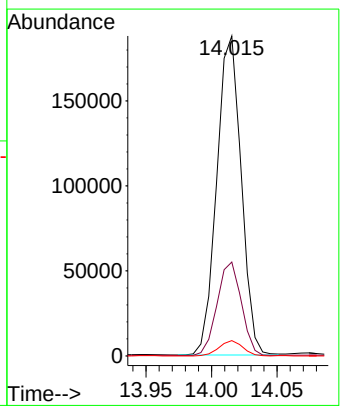


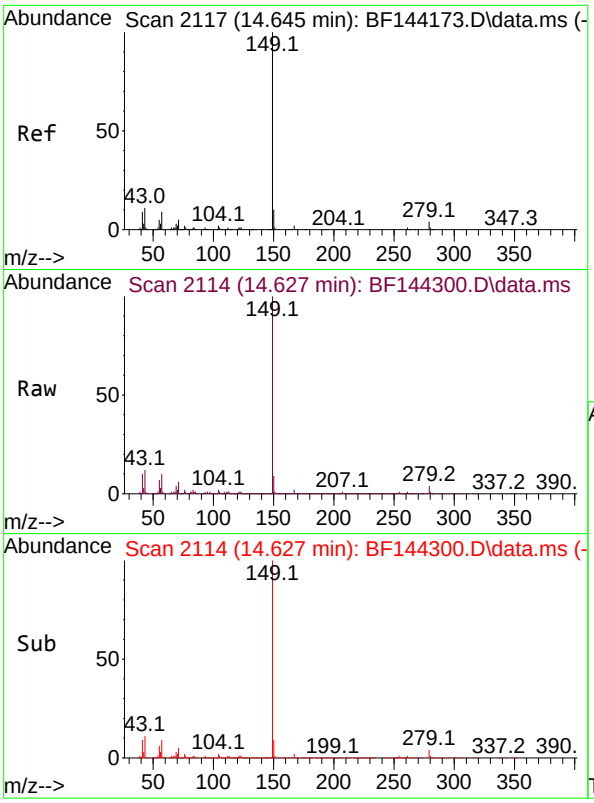


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.936 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:149 Resp: 243664

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.8	32.8
279	4.8	3.7	5.5



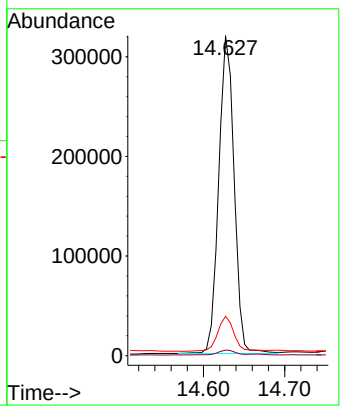


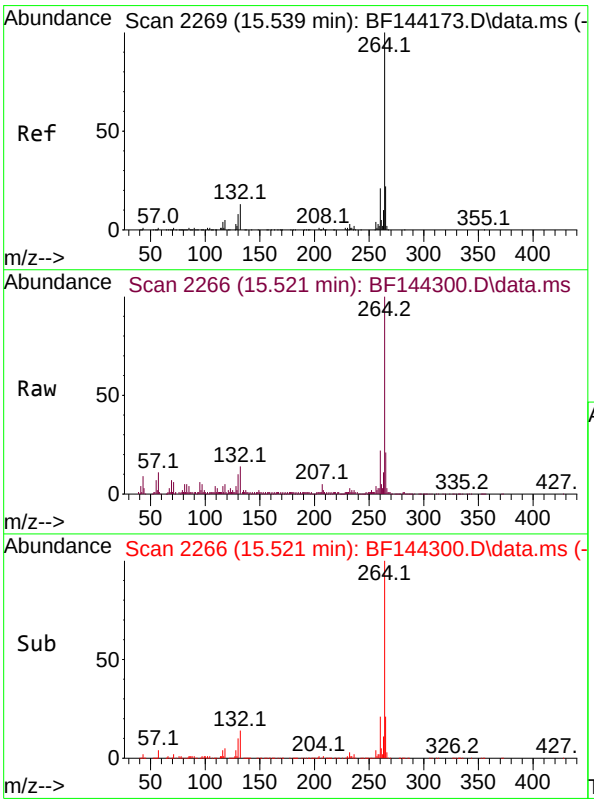
#85
Di-n-octyl phthalate
Concen: 48.859 ng
RT: 14.627 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:149 Resp: 419739

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.8	9.0	13.4

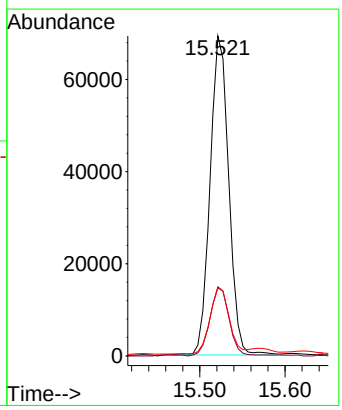


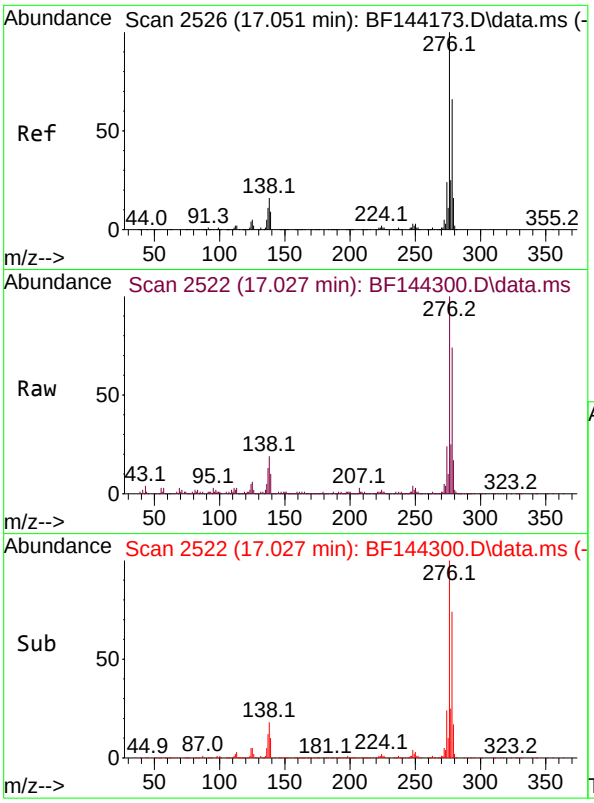


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:264 Resp: 105498

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.1	25.7
265	21.2	17.4	26.0



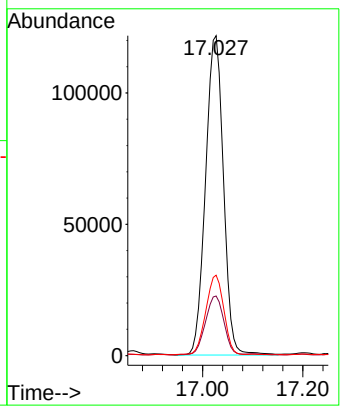


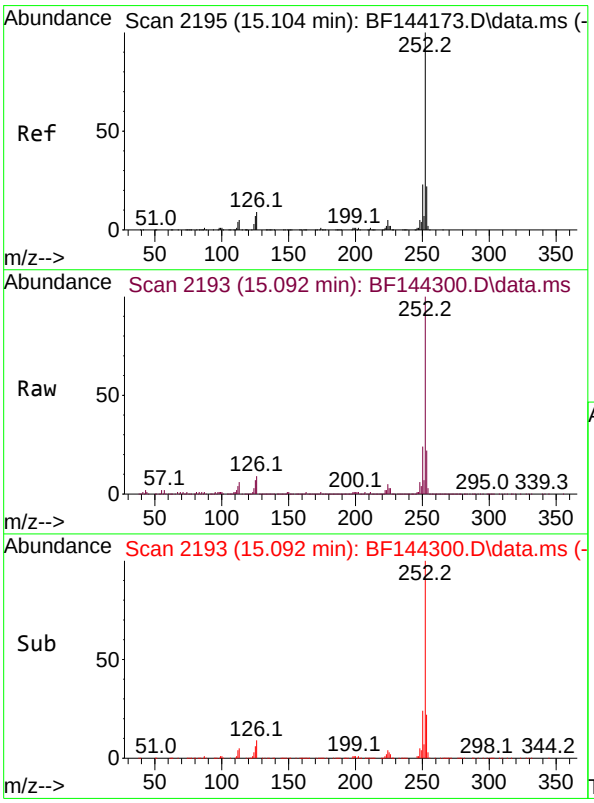
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.835 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:276 Resp: 301670

Ion	Ratio	Lower	Upper
276	100		
138	19.0	13.9	20.9
277	24.9	19.8	29.6

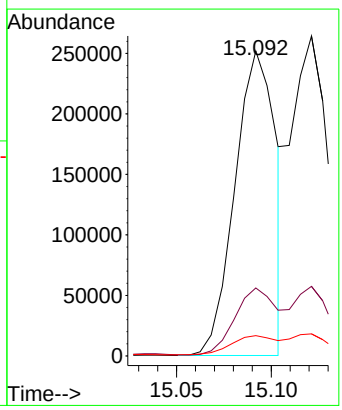


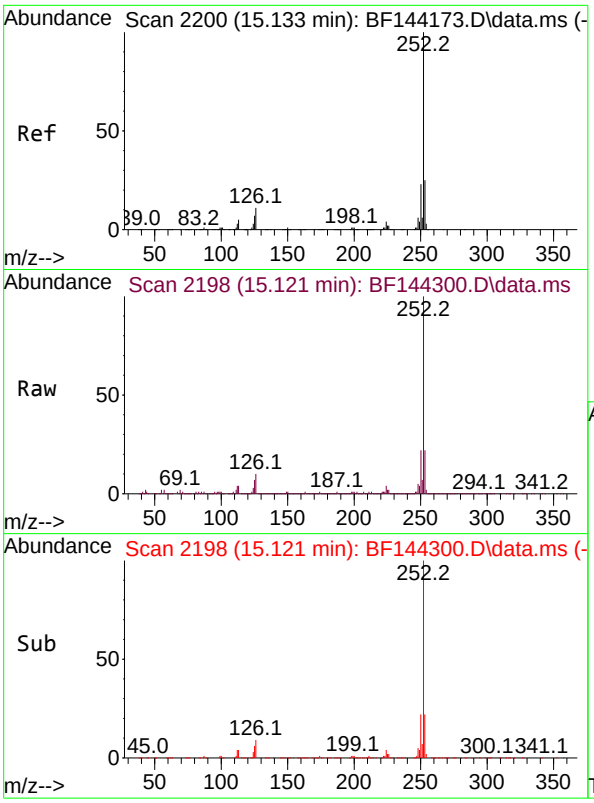


#88
Benzo(b)fluoranthene
Concen: 62.780 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:252 Resp: 376540

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	6.7	5.3	7.9



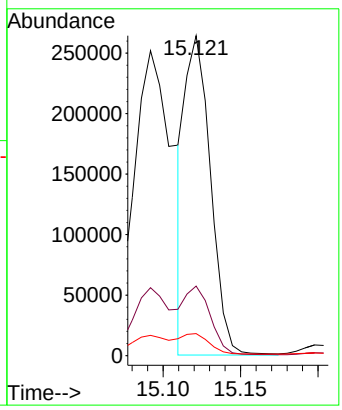


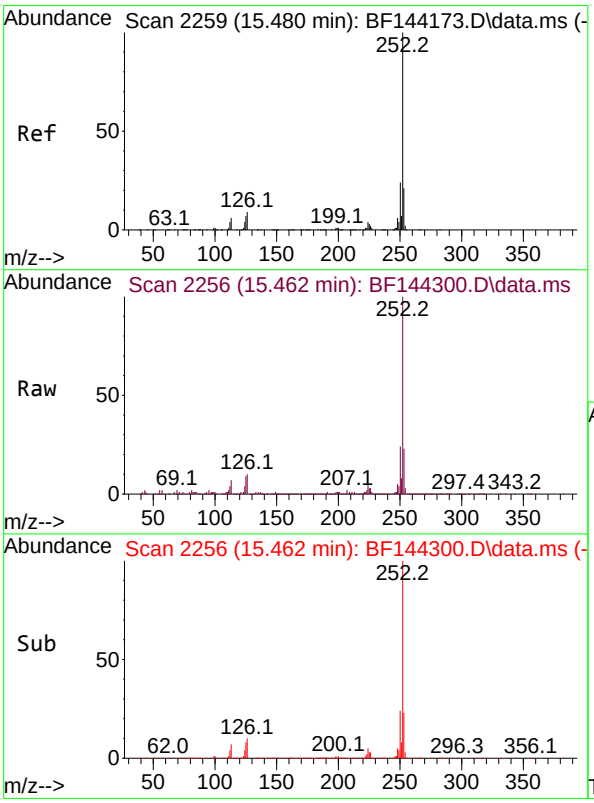
#89
Benzo(k)fluoranthene
Concen: 54.312 ng
RT: 15.121 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Tgt Ion:252 Resp: 304902

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	6.9	5.4	8.2

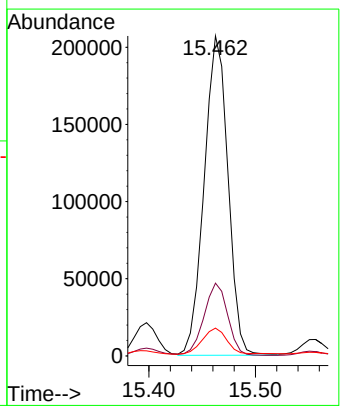


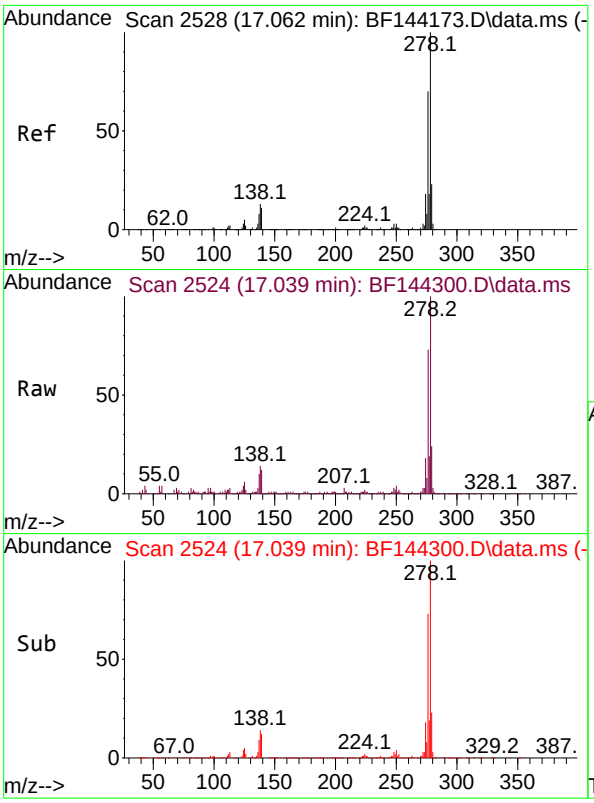


#90
Benzo(a)pyrene
Concen: 58.152 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:252 Resp: 321765

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.7	25.1
125	8.7	5.7	8.5#



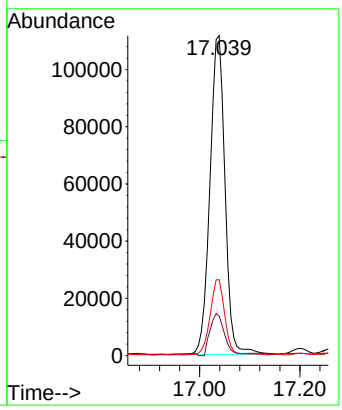


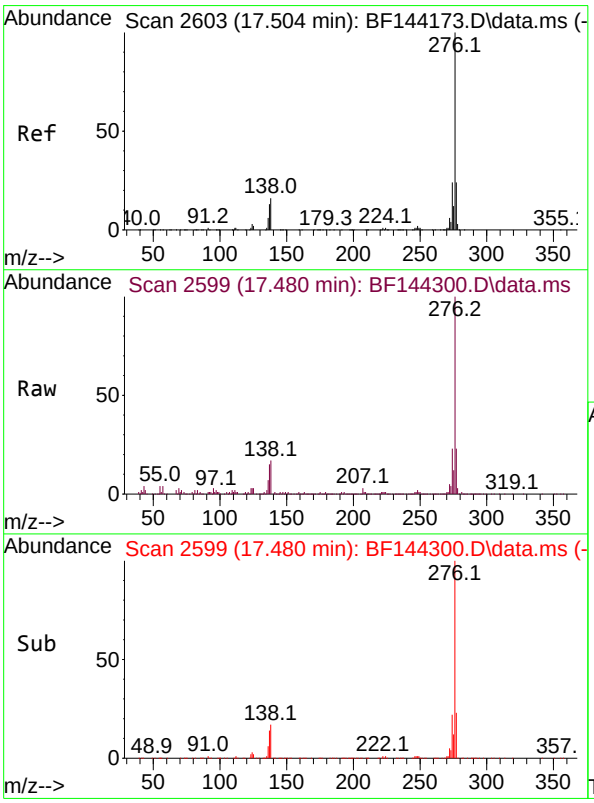
#91
Dibenzo(a,h)anthracene
Concen: 38.196 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

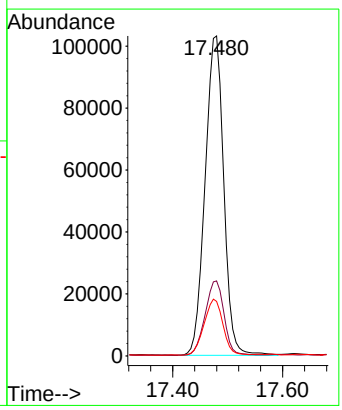
Tgt Ion:278 Resp: 232307

Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.1	13.7
279	23.7	18.2	27.4





#92
Benzo(g,h,i)perylene
Concen: 40.454 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144300.D
Acq: 20 Nov 2025 17:57

Tgt Ion:276 Resp: 242968

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	17.0	12.9	19.3