Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144074.D
Acq On : 27 Oct 2025 10:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	54596	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	204208	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	113226	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	184414	20.000	ng		0.00
76) Chrysene-d12	14.057	240	112717	20.000	ng		0.00
86) Perylene-d12	15.545	264	164562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	301448	87.355	ng		0.00
7) Phenol-d6	6.510	99	330814	86.803	ng		0.00
23) Nitrobenzene-d5	7.445	82	314127	84.277	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	122439	84.893	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	642905	79.903	ng		0.00
79) Terphenyl-d14	12.998	244	588700	91.306	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	59552	39.936	ng		96
3) Pyridine	3.393	79	166522	41.712	ng		99
4) n-Nitrosodimethylamine	3.340	42	93637	38.172	ng		95
6) Aniline	6.545	93	234678	43.042	ng		96
8) 2-Chlorophenol	6.663	128	145493	42.812	ng		98
9) Benzaldehyde	6.434	77	116032	39.213	ng		99
10) Phenol	6.522	94	200102	42.559	ng		100
11) bis(2-Chloroethyl)ether	6.616	93	147253	43.342	ng		97
12) 1,3-Dichlorobenzene	6.822	146	179182	42.743	ng		99
13) 1,4-Dichlorobenzene	6.898	146	177496	42.963	ng		99
14) 1,2-Dichlorobenzene	7.051	146	169286	42.349	ng		99
15) Benzyl Alcohol	7.022	79	136290	43.981	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	272539	42.682	ng		97
17) 2-Methylphenol	7.134	107	113631	43.474	ng		97
18) Hexachloroethane	7.392	117	63229	42.808	ng		93
19) n-Nitroso-di-n-propyla...	7.292	70	103980	42.191	ng		98
20) 3+4-Methylphenols	7.286	107	133106	43.078	ng	#	84
22) Acetophenone	7.292	105	186251	42.203	ng		93
24) Nitrobenzene	7.463	77	166205	42.153	ng		100
25) Isophorone	7.698	82	278979	42.811	ng		99
26) 2-Nitrophenol	7.781	139	81158	43.268	ng		100
27) 2,4-Dimethylphenol	7.816	122	126382	45.340	ng		95
28) bis(2-Chloroethoxy)met...	7.910	93	173620	42.723	ng		99
29) 2,4-Dichlorophenol	8.022	162	137420	42.393	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	136990	41.079	ng		97
31) Naphthalene	8.186	128	407407	42.271	ng		99
32) Benzoic acid	7.922	122	73873	41.781	ng	#	83
33) 4-Chloroaniline	8.233	127	148161	44.158	ng		97
34) Hexachlorobutadiene	8.298	225	111465	40.877	ng		97
35) Caprolactam	8.598	113	35660	43.869	ng		91
36) 4-Chloro-3-methylphenol	8.710	107	123434	43.150	ng		96
37) 2-Methylnaphthalene	8.875	142	271332	42.699	ng		97
38) 1-Methylnaphthalene	8.975	142	259791	43.152	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	161259	41.440	ng		98
41) Hexachlorocyclopentadiene	9.028	237	52737	43.878	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	103575	40.949	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144074.D
Acq On : 27 Oct 2025 10:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

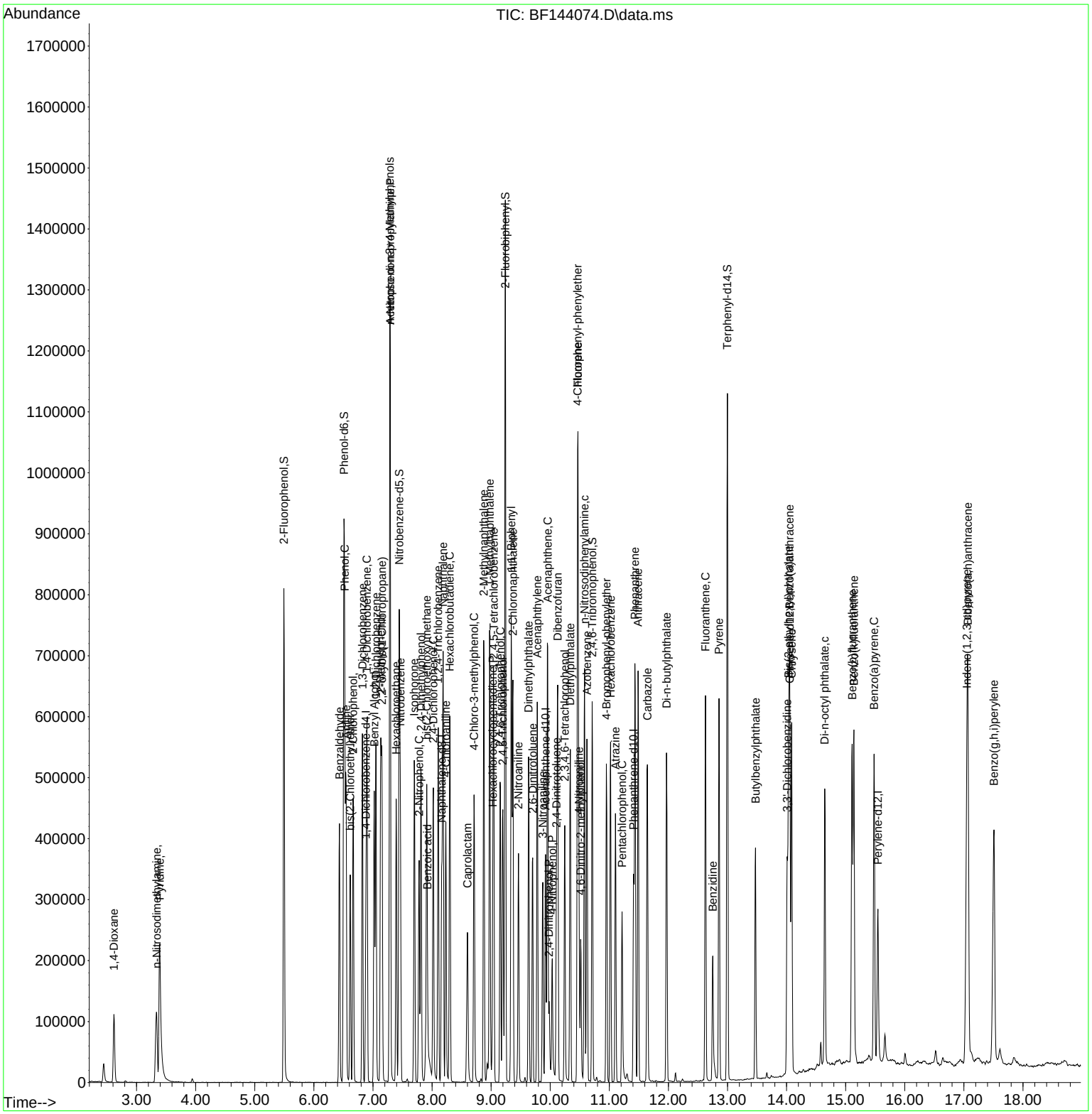
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113082	42.599	ng		95
46) 1,1'-Biphenyl	9.339	154	324424	40.027	ng		100
47) 2-Chloronaphthalene	9.369	162	277516	40.869	ng		97
48) 2-Nitroaniline	9.463	65	87054	43.173	ng		98
49) Acenaphthylene	9.780	152	374544	40.908	ng		100
50) Dimethylphthalate	9.633	163	304442	41.020	ng		100
51) 2,6-Dinitrotoluene	9.704	165	63869	43.531	ng		95
52) Acenaphthene	9.957	154	250322	40.938	ng		98
53) 3-Nitroaniline	9.875	138	66981	41.061	ng		96
54) 2,4-Dinitrophenol	9.980	184	30917	38.960	ng		99
55) Dibenzofuran	10.127	168	350742	41.318	ng		96
56) 4-Nitrophenol	10.033	139	45872	41.527	ng		93
57) 2,4-Dinitrotoluene	10.104	165	83007	41.918	ng		96
58) Fluorene	10.469	166	264329	40.866	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81964	43.817	ng		98
60) Diethylphthalate	10.339	149	282370	40.457	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	150675	41.424	ng		98
62) 4-Nitroaniline	10.486	138	63652	41.182	ng		98
63) Azobenzene	10.622	77	267316	40.465	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	49356	41.715	ng		96
66) n-Nitrosodiphenylamine	10.580	169	252814	42.907	ng		98
67) 4-Bromophenyl-phenylether	10.951	248	101473	43.947	ng		98
68) Hexachlorobenzene	11.022	284	123002	43.436	ng		97
69) Atrazine	11.104	200	74391	38.475	ng		99
70) Pentachlorophenol	11.216	266	59017	43.784	ng		96
71) Phenanthrene	11.433	178	381184	41.610	ng		98
72) Anthracene	11.486	178	380792	40.239	ng		98
73) Carbazole	11.645	167	324513	40.288	ng		99
74) Di-n-butylphthalate	11.969	149	383099	38.793	ng		99
75) Fluoranthene	12.627	202	383968	37.938	ng		100
77) Benzidine	12.751	184	145430	41.457	ng		100
78) Pyrene	12.857	202	379834	46.872	ng		99
80) Butylbenzylphthalate	13.474	149	124111	40.484	ng		98
81) Benzo(a)anthracene	14.051	228	329626	43.272	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	113938	42.969	ng		100
83) Chrysene	14.086	228	295359	41.319	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	167373	39.991	ng		99
85) Di-n-octyl phthalate	14.645	149	299304	41.585	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.051	276	496906	43.981	ng		100
88) Benzo(b)fluoranthene	15.110	252	368610	39.622	ng		99
89) Benzo(k)fluoranthene	15.139	252	339785	39.586	ng		99
90) Benzo(a)pyrene	15.480	252	348799	41.791	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	390777	43.695	ng		99
92) Benzo(g,h,i)perylene	17.509	276	394850	43.914	ng		99

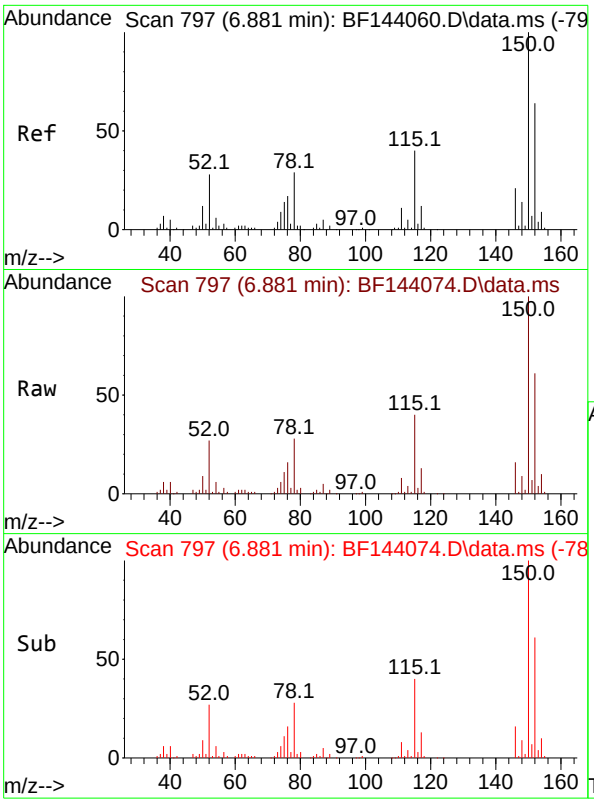
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144074.D
Acq On : 27 Oct 2025 10:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



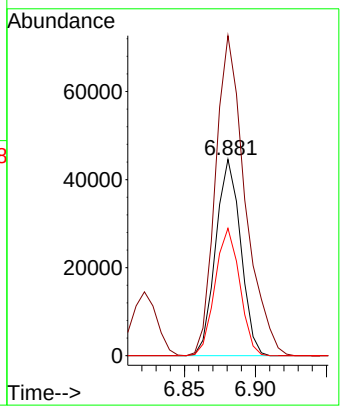


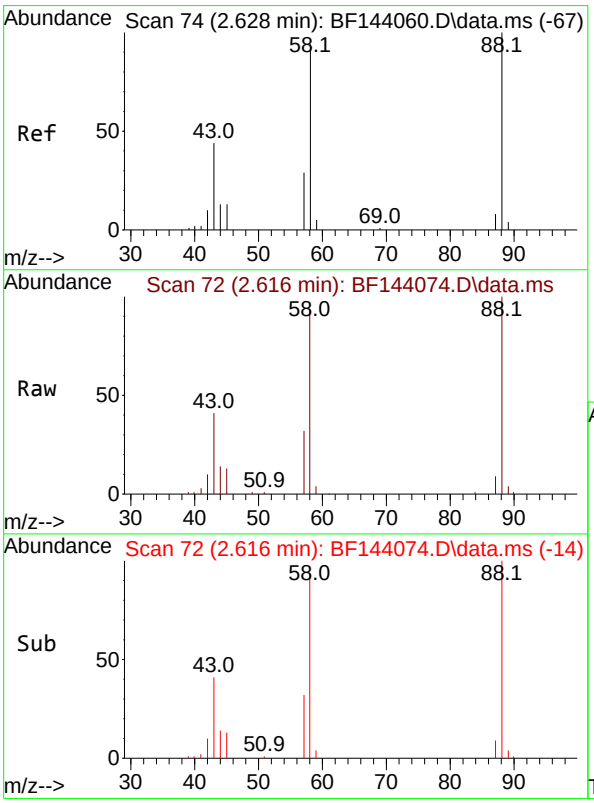
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 54596

Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.4	186.6
115	64.9	49.4	74.0

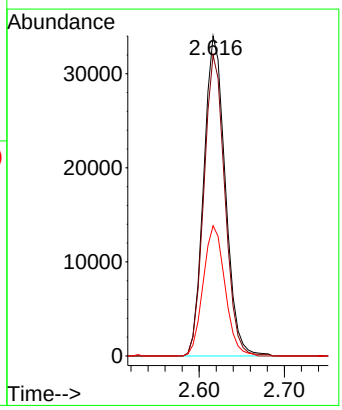


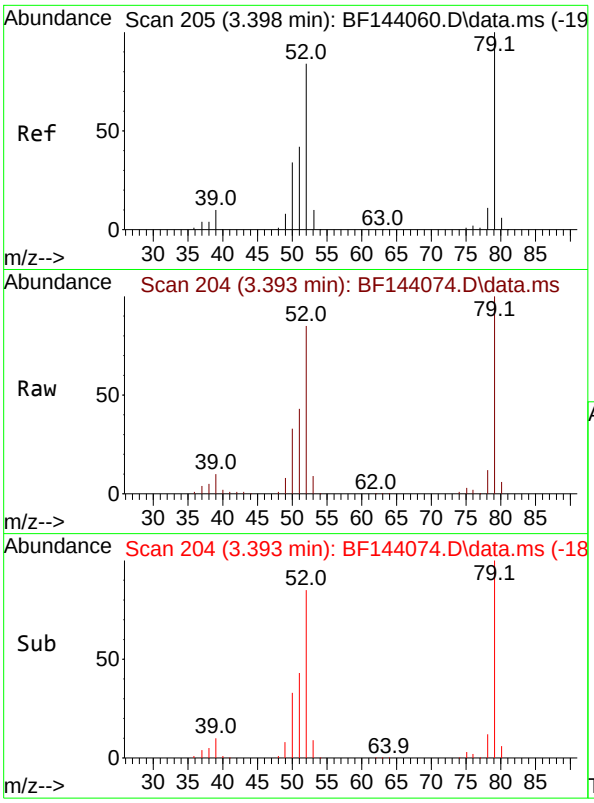


#2
1,4-Dioxane
Concen: 39.936 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.012 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 88 Resp: 59552

Ion	Ratio	Lower	Upper
88	100		
58	91.7	76.5	114.7
43	41.3	35.3	52.9



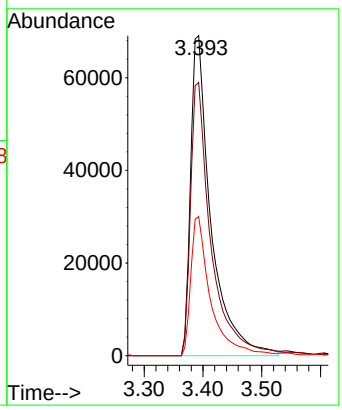


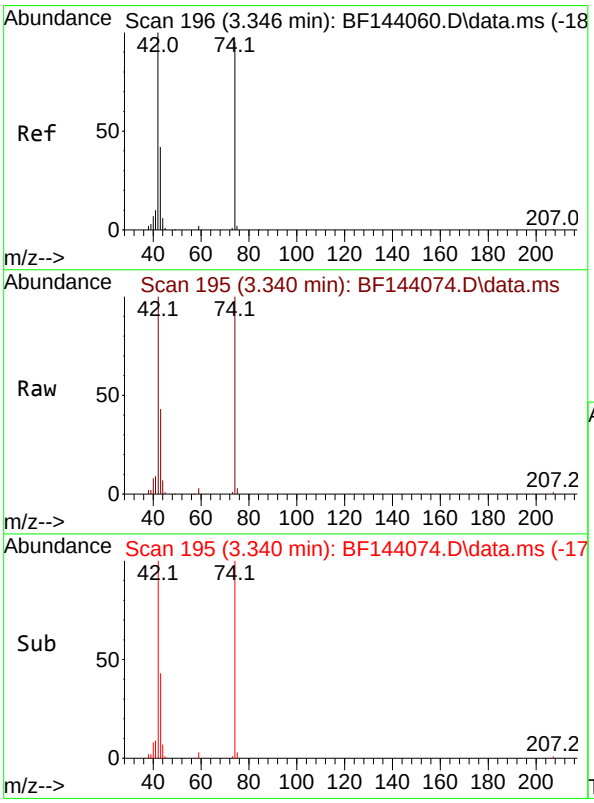
#3
Pyridine
Concen: 41.712 ng
RT: 3.393 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 166522

Ion	Ratio	Lower	Upper
79	100		
52	85.4	67.5	101.3
51	43.5	33.6	50.4

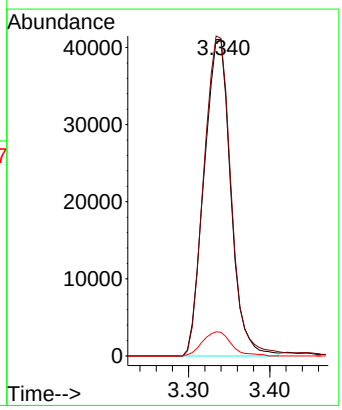


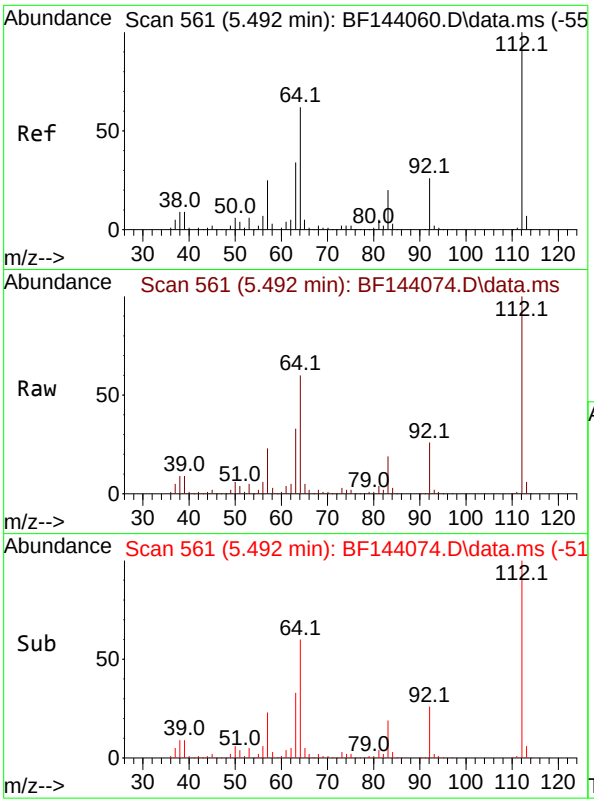


#4
n-Nitrosodimethylamine
Concen: 38.172 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 42 Resp: 93637

Ion	Ratio	Lower	Upper
42	100		
74	100.3	76.4	114.6
44	7.5	5.2	7.8



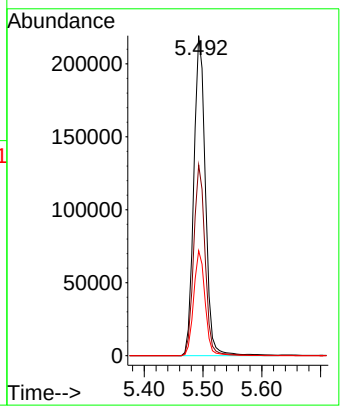


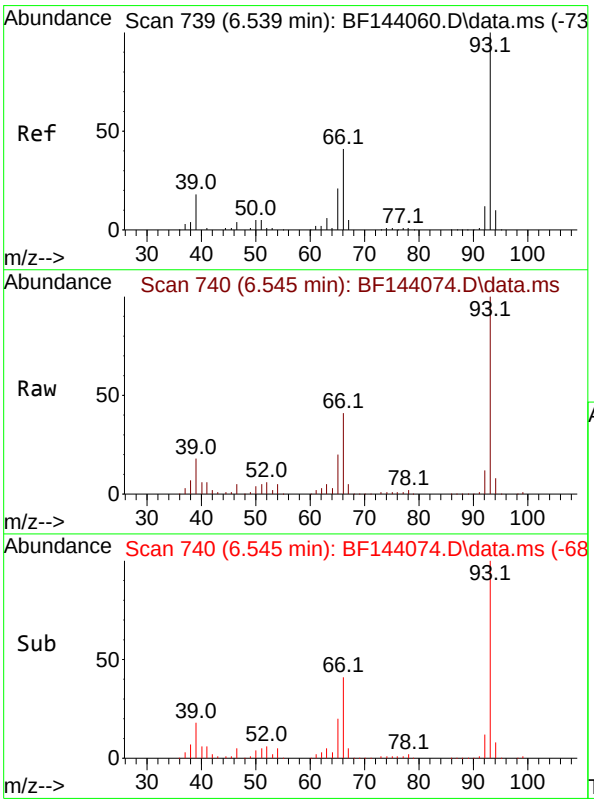
#5
2-Fluorophenol
Concen: 87.355 ng
RT: 5.492 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 301448

Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.8	74.8
63	32.8	27.4	41.2

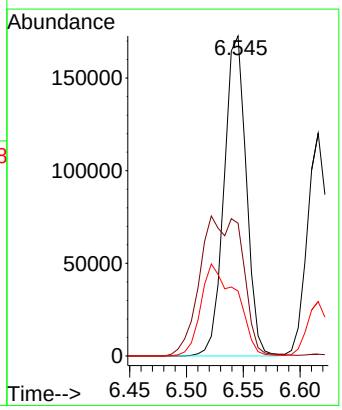


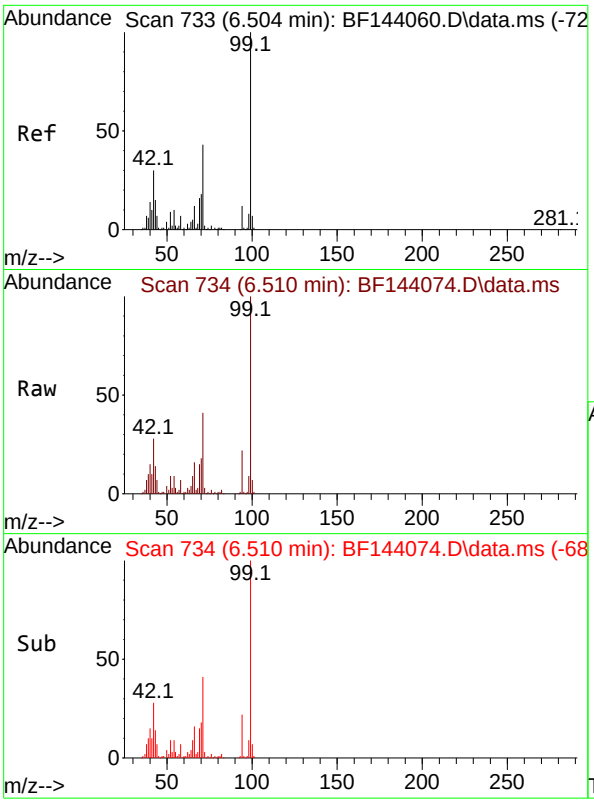


#6
Aniline
Concen: 43.042 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 93 Resp: 234678

Ion	Ratio	Lower	Upper
93	100		
66	41.5	35.7	53.5
65	20.3	17.0	25.6



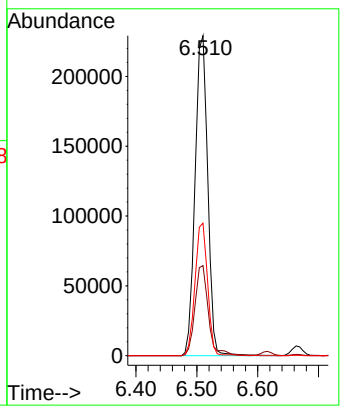


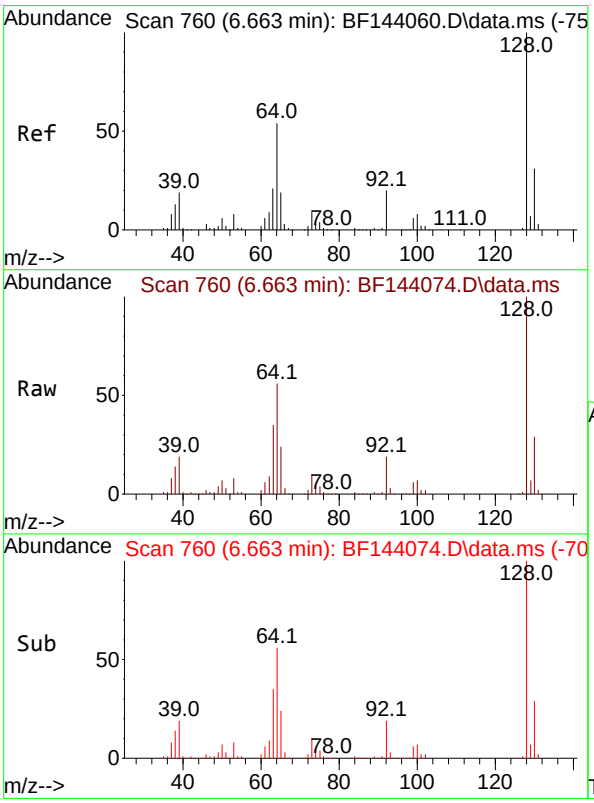
#7
Phenol-d6
Concen: 86.803 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 330814

Ion	Ratio	Lower	Upper
99	100		
42	28.2	23.9	35.9
71	41.4	34.4	51.6

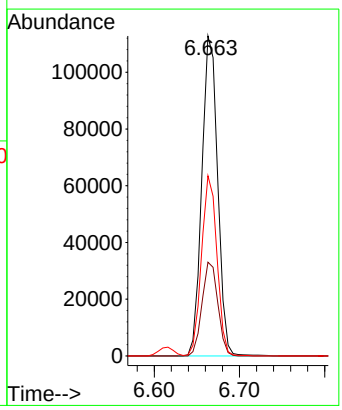


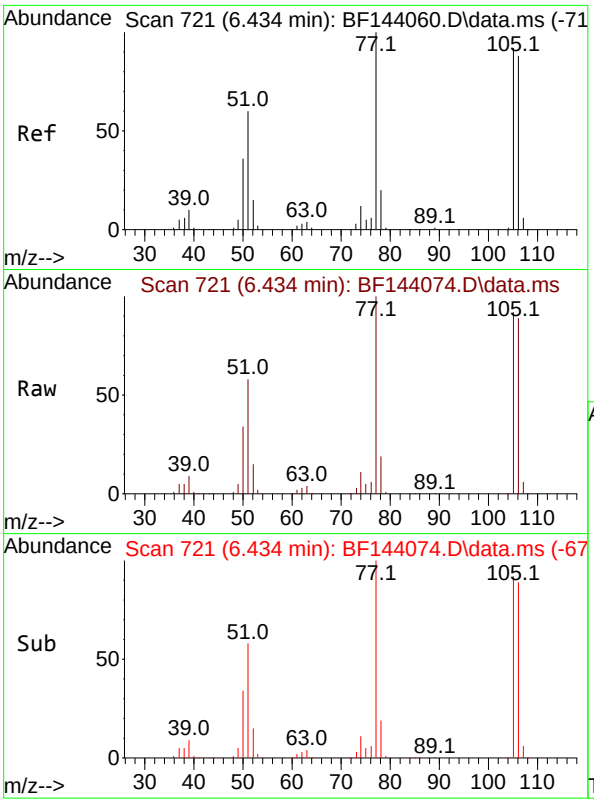


#8
2-Chlorophenol
Concen: 42.812 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:128 Resp: 145493

Ion	Ratio	Lower	Upper
128	100		
130	29.3	10.7	50.7
64	56.3	34.7	74.7



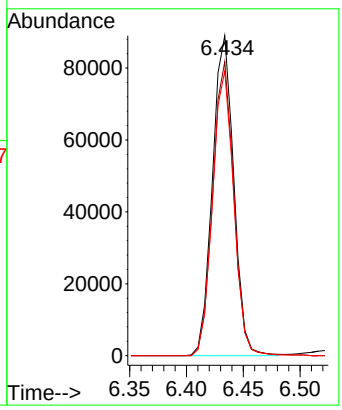


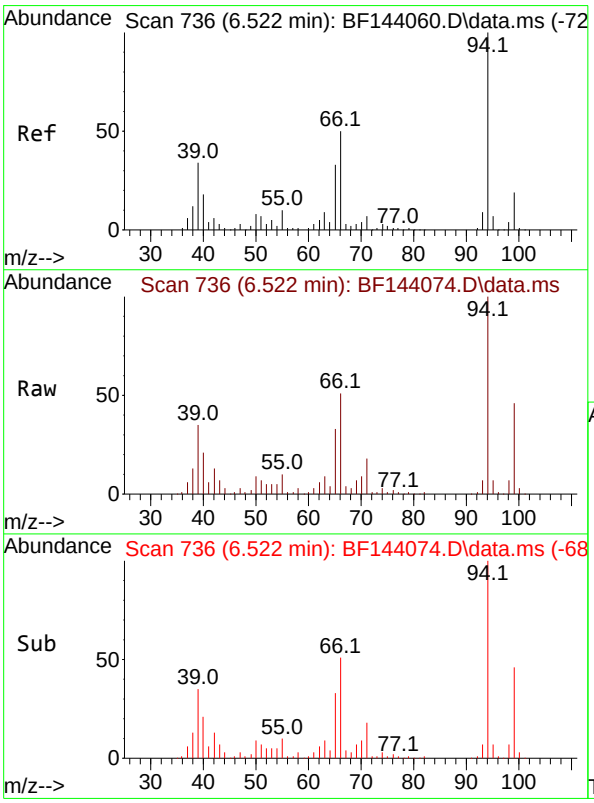
#9
Benzaldehyde
Concen: 39.213 ng
RT: 6.434 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 116032

Ion	Ratio	Lower	Upper
77	100		
105	91.9	72.2	112.2
106	88.9	67.9	107.9

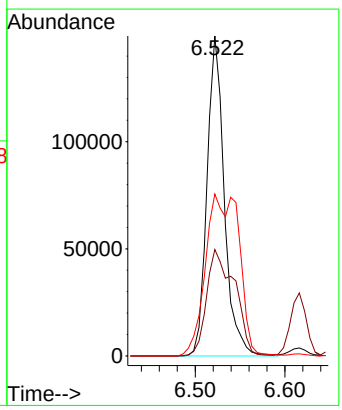


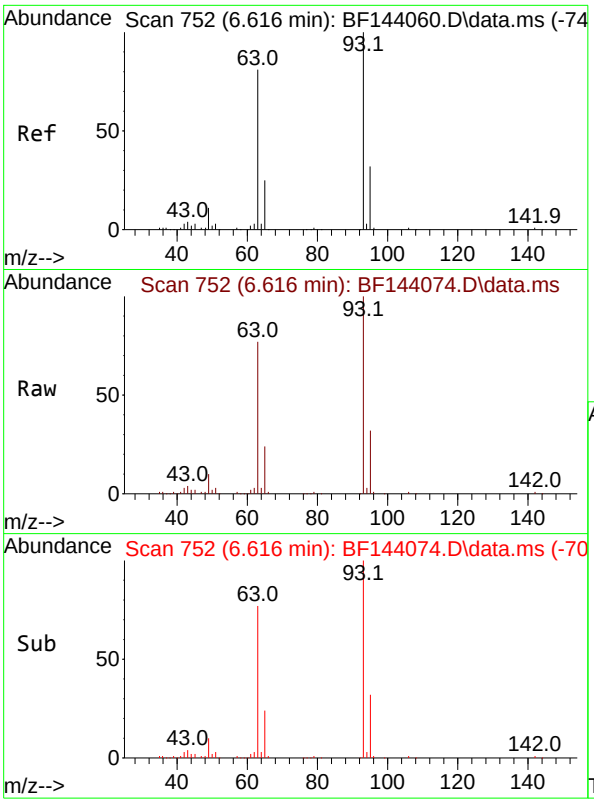


#10
Phenol
Concen: 42.559 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 94 Resp: 200102

Ion	Ratio	Lower	Upper
94	100		
65	33.3	13.1	53.1
66	50.6	30.6	70.6



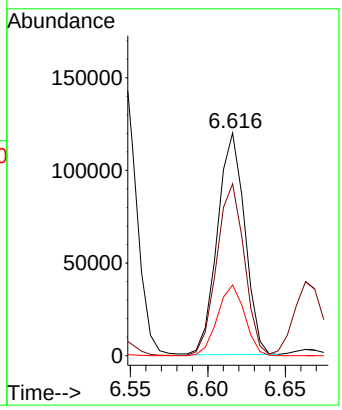


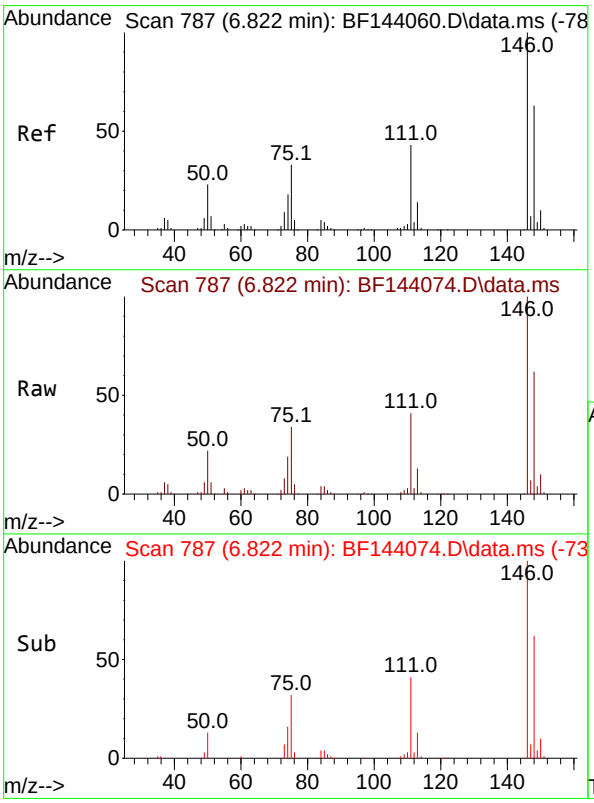
#11
bis(2-Chloroethyl)ether
Concen: 43.342 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 147253

Ion	Ratio	Lower	Upper
93	100		
63	77.2	60.2	100.2
95	31.7	12.4	52.4

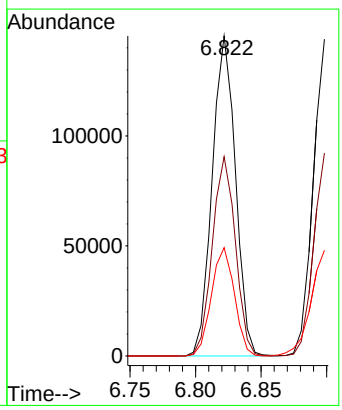


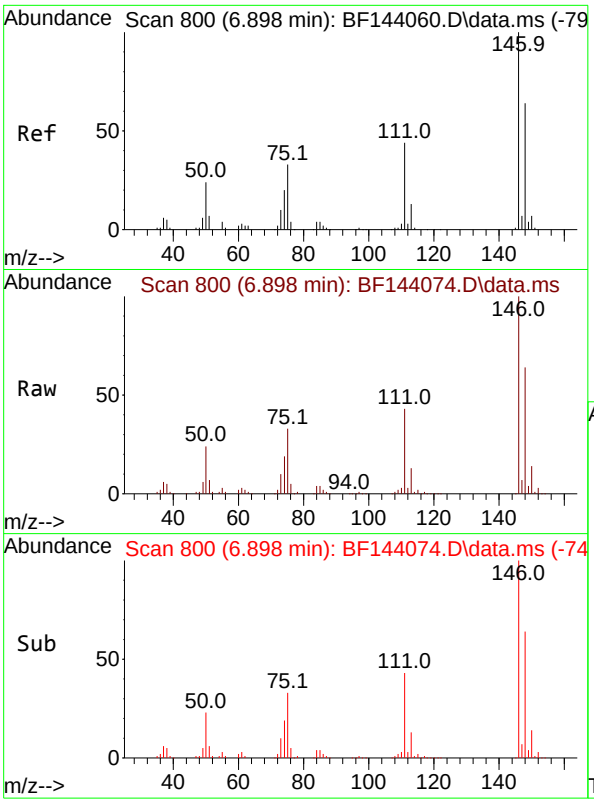


#12
1,3-Dichlorobenzene
Concen: 42.743 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:146 Resp: 179182

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	75.8
75	33.8	26.6	40.0



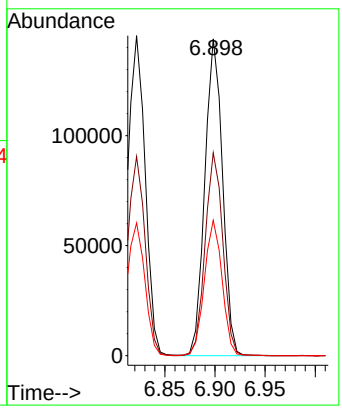


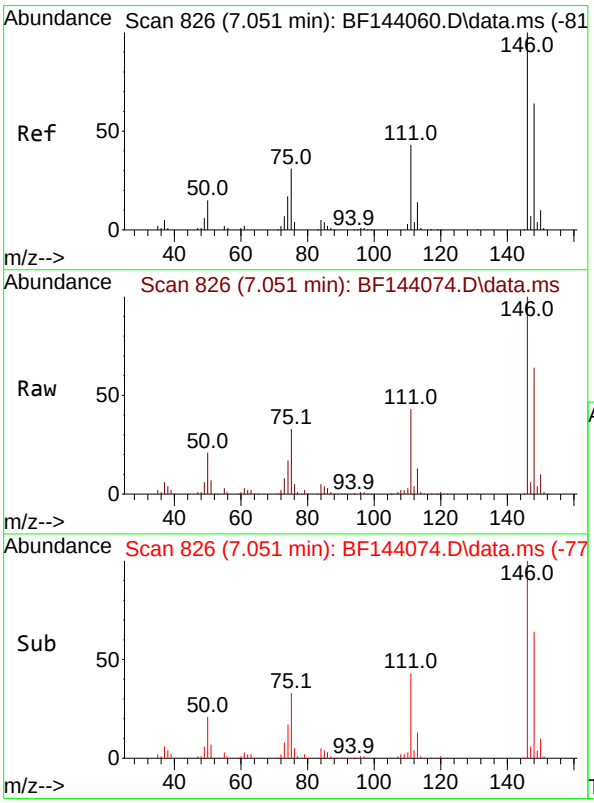
#13
1,4-Dichlorobenzene
Concen: 42.963 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 177496

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	42.7	35.0	52.6

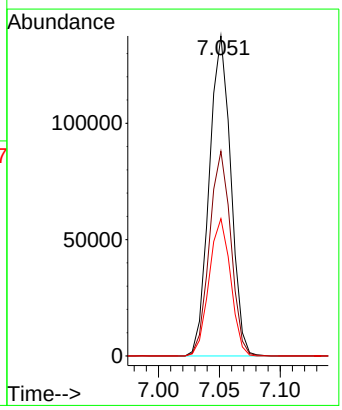


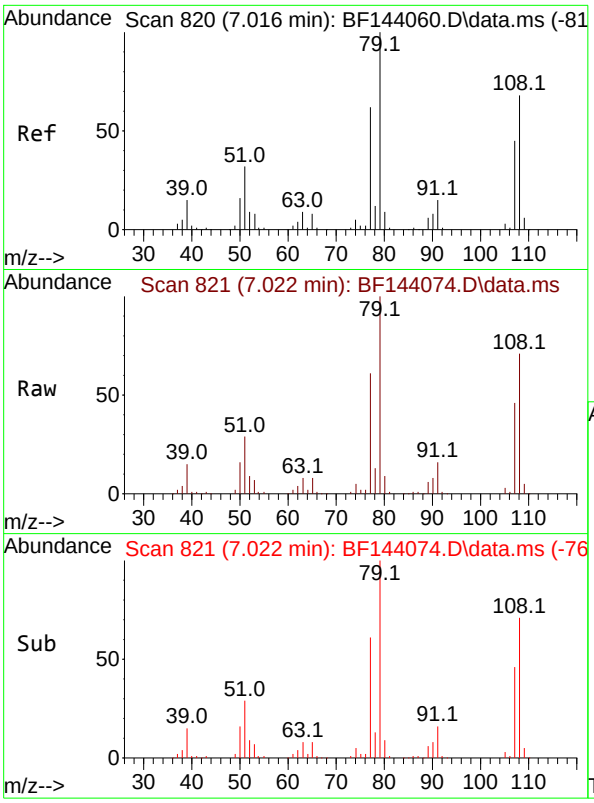


#14
1,2-Dichlorobenzene
Concen: 42.349 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:146 Resp: 169286

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	42.9	34.7	52.1



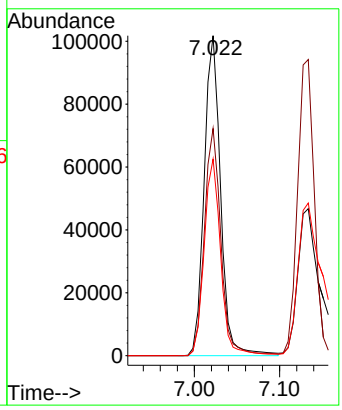


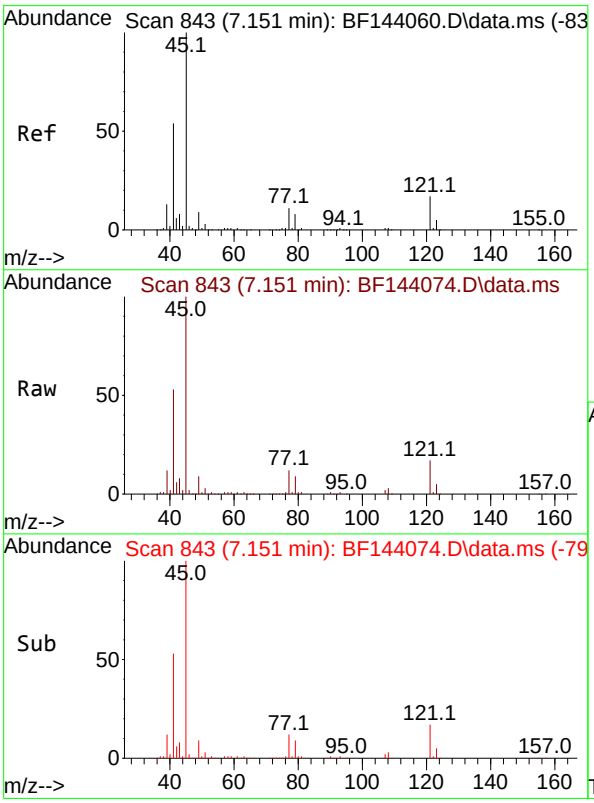
#15
Benzyl Alcohol
Concen: 43.981 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 136290

Ion	Ratio	Lower	Upper
79	100		
108	71.0	54.8	82.2
77	61.4	49.4	74.0

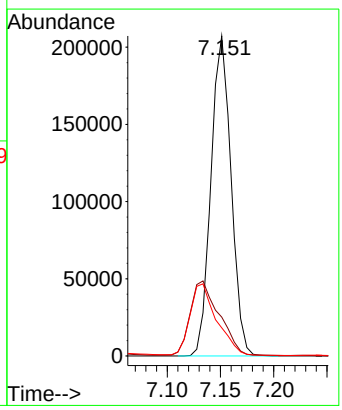


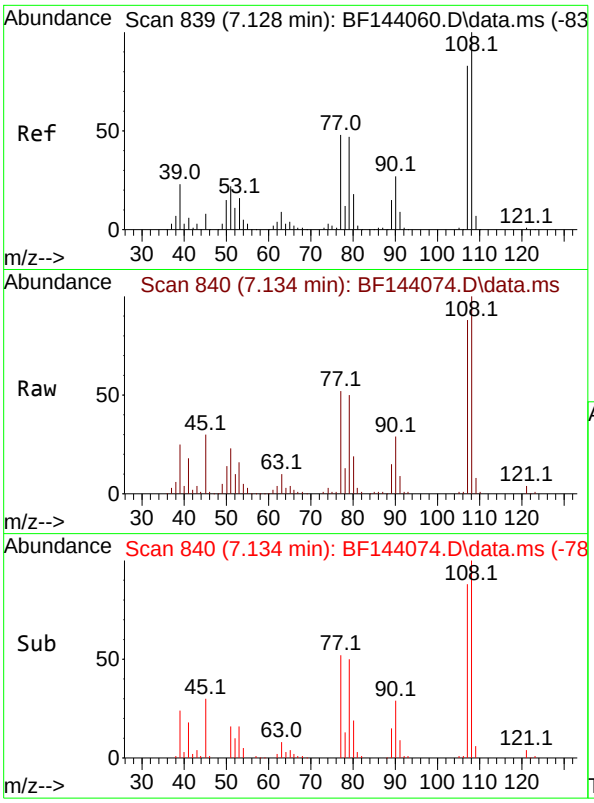


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.682 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 45 Resp: 272539

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	30.9
79	8.8	0.0	28.2



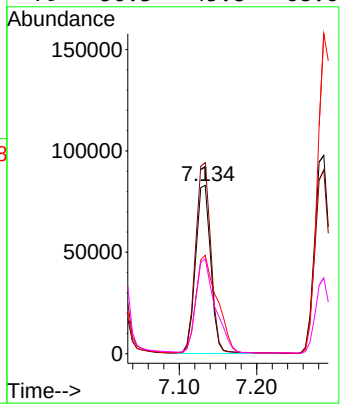


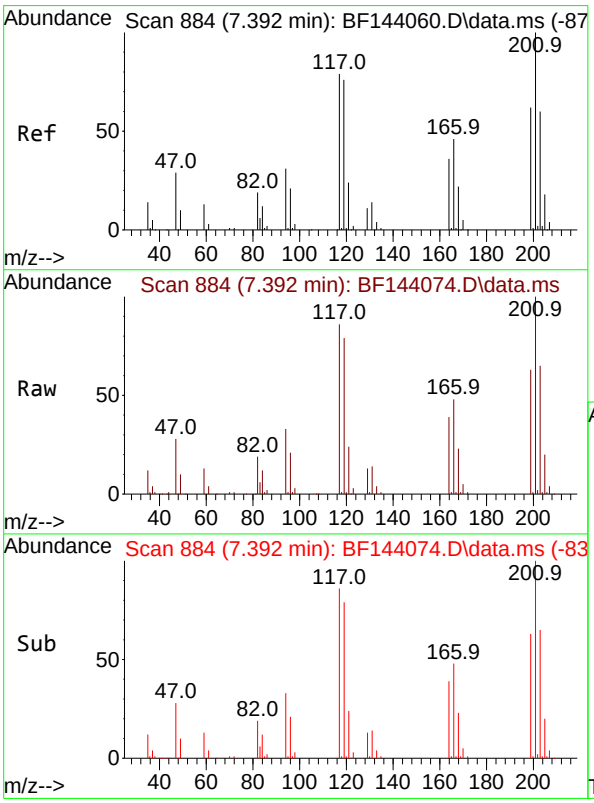
#17
2-Methylphenol
Concen: 43.474 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 113631

Ion	Ratio	Lower	Upper
107	100		
108	113.5	96.4	144.6
77	58.5	46.8	70.2
79	56.3	45.8	68.6

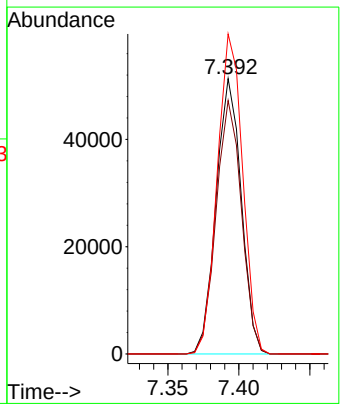


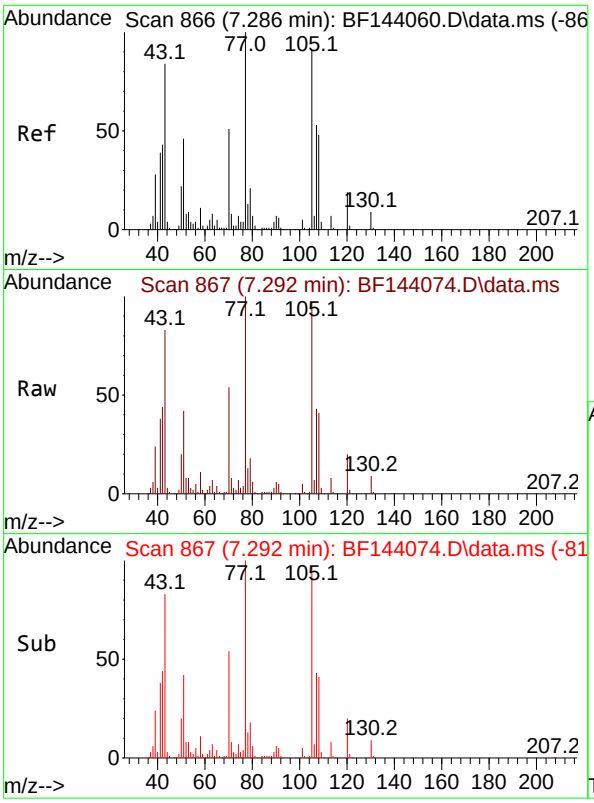


#18
Hexachloroethane
Concen: 42.808 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:117 Resp: 63229

Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.6	115.0
201	116.2	100.9	151.3



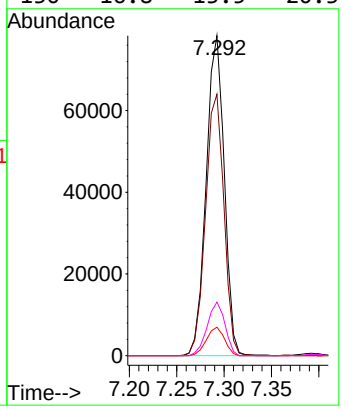


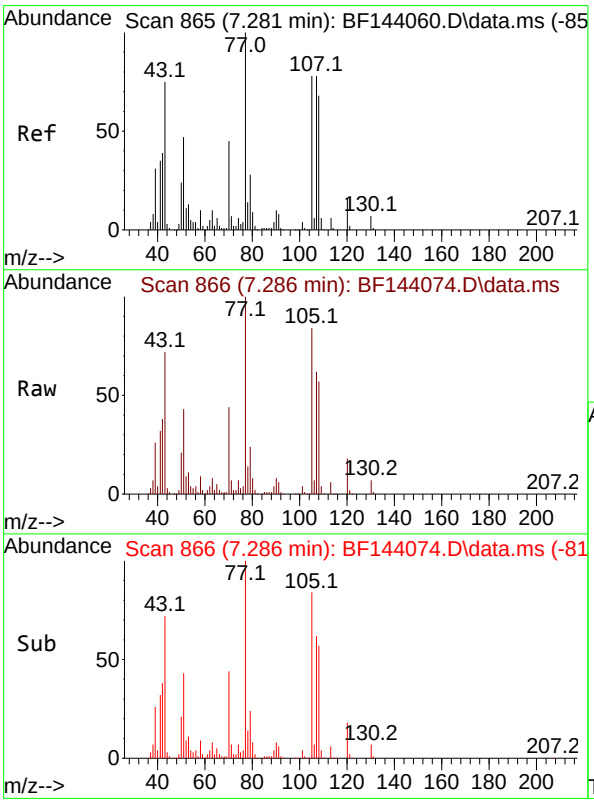
#19
n-Nitroso-di-n-propylamine
Concen: 42.191 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 103980

Ion	Ratio	Lower	Upper
70	100		
42	81.7	67.4	101.0
101	8.9	7.1	10.7
130	16.8	13.5	20.3

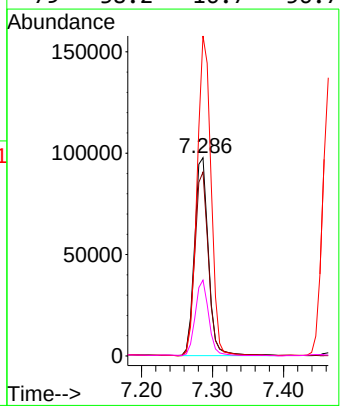


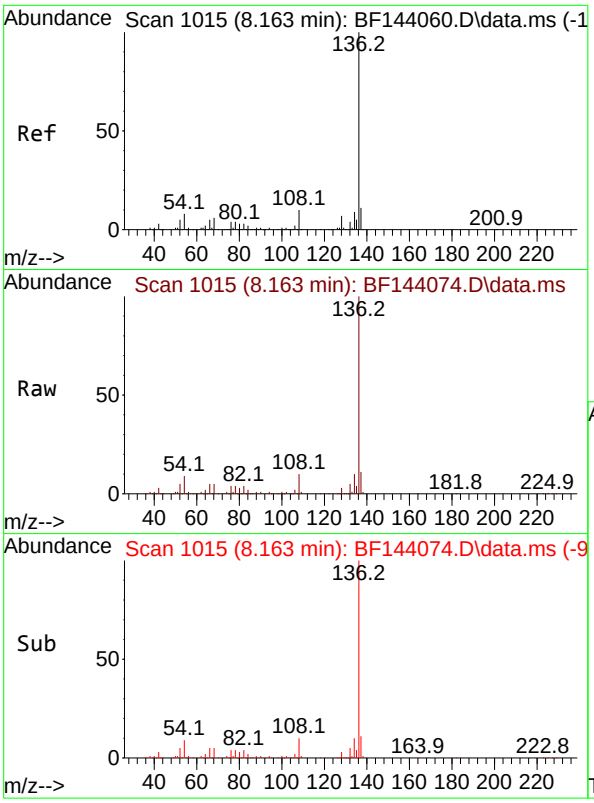


#20
3+4-Methylphenols
Concen: 43.078 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:107 Resp: 133106

Ion	Ratio	Lower	Upper
107	100		
108	92.8	68.0	108.0
77	161.4	108.7	148.7#
79	38.2	16.7	56.7



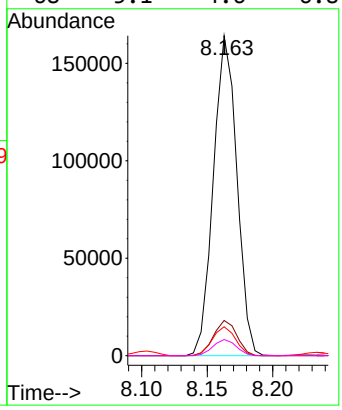


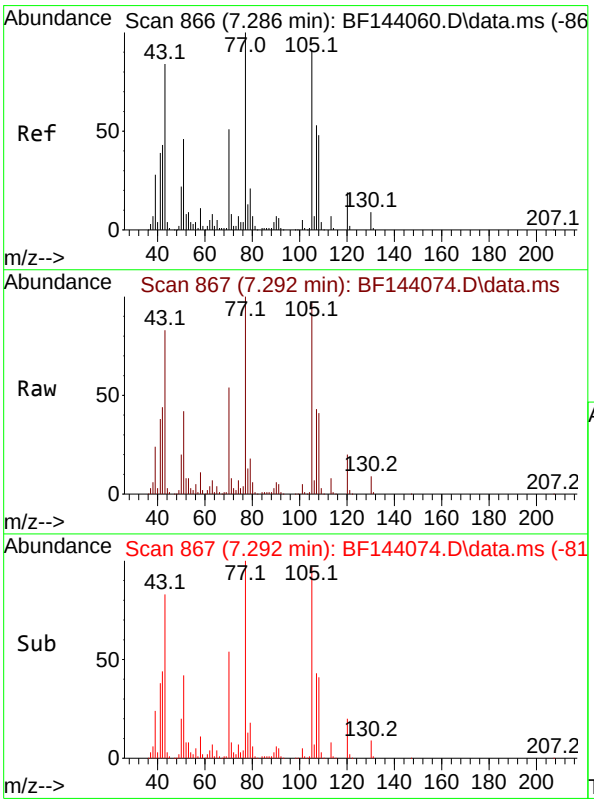
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 204208

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.1	6.6	9.8
68	5.1	4.6	6.8

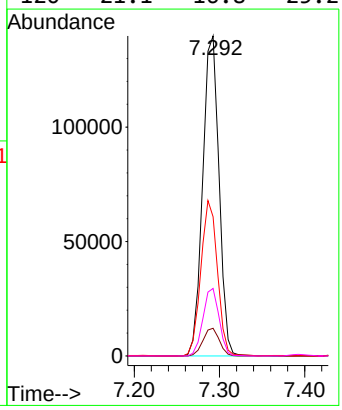


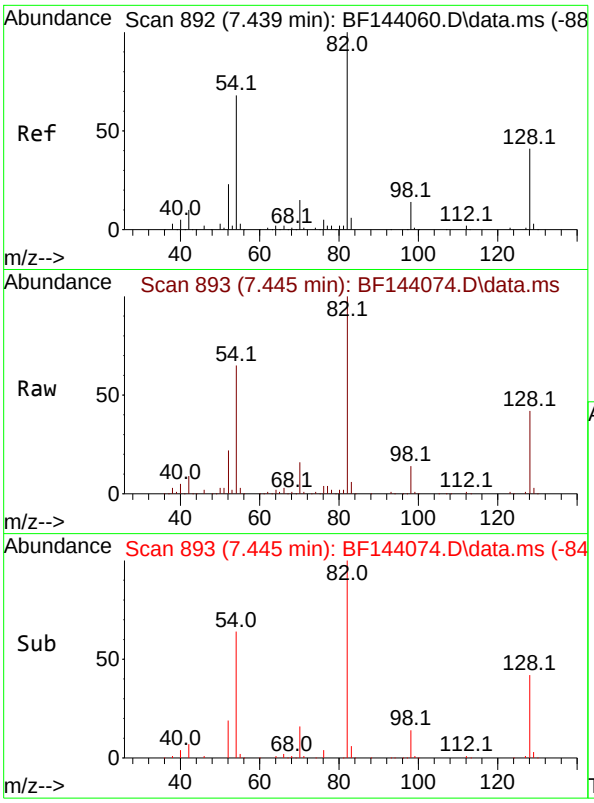


#22
Acetophenone
Concen: 42.203 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:105 Resp: 186251

Ion	Ratio	Lower	Upper
105	100		
71	8.7	6.9	10.3
51	43.5	40.6	60.8
120	21.1	16.8	25.2



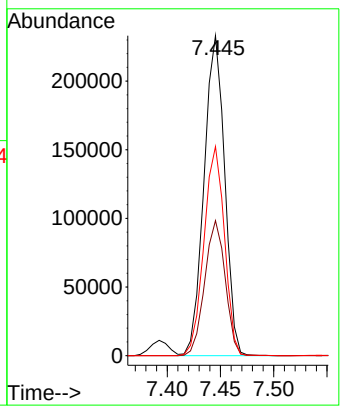


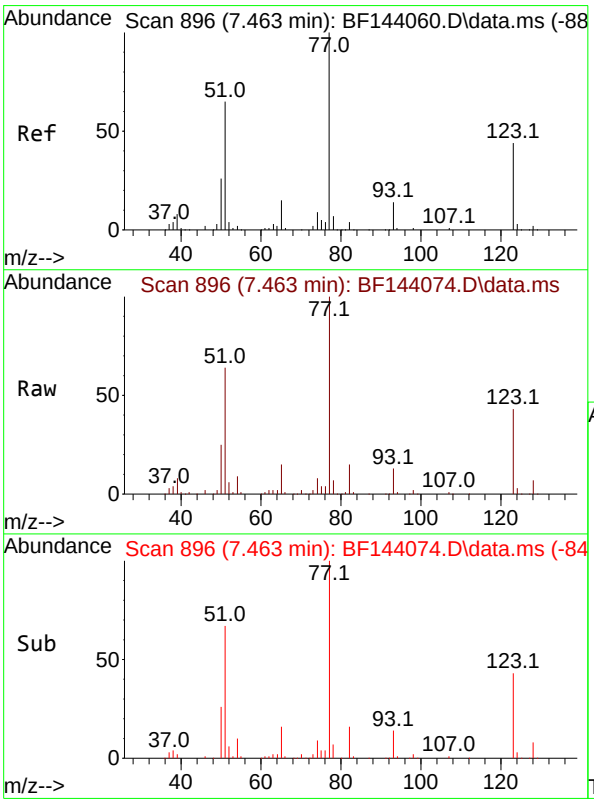
#23
Nitrobenzene-d5
Concen: 84.277 ng
RT: 7.445 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 314127

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.4	48.6
54	65.3	54.0	81.0

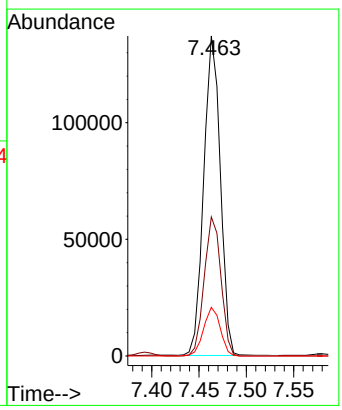


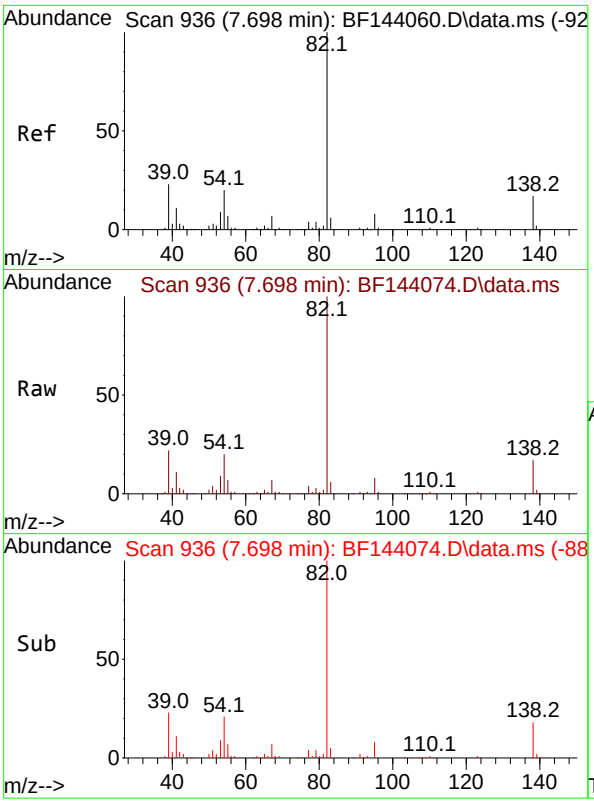


#24
Nitrobenzene
Concen: 42.153 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 77 Resp: 166205

Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.0	52.6
65	15.2	12.2	18.2



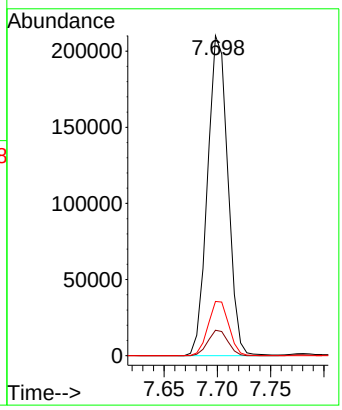


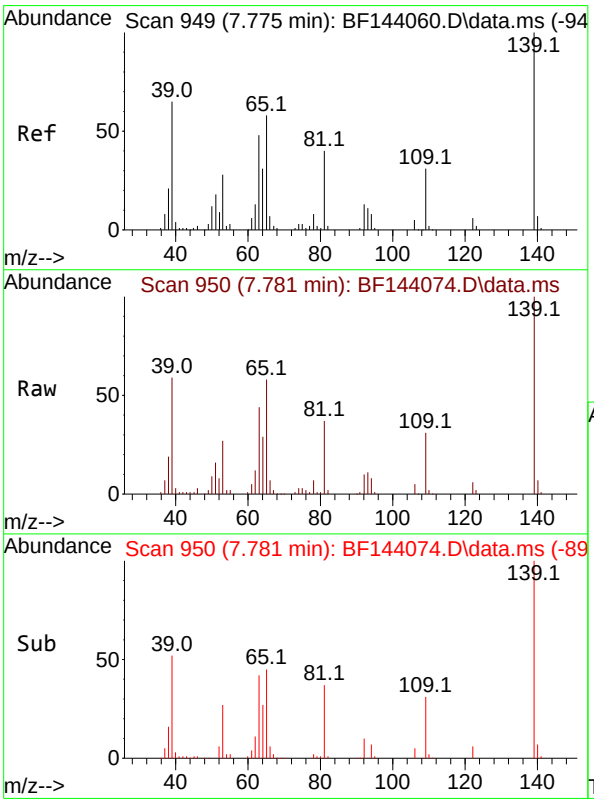
#25
Isophorone
Concen: 42.811 ng
RT: 7.698 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 278979

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.6	9.8
138	16.9	13.8	20.8

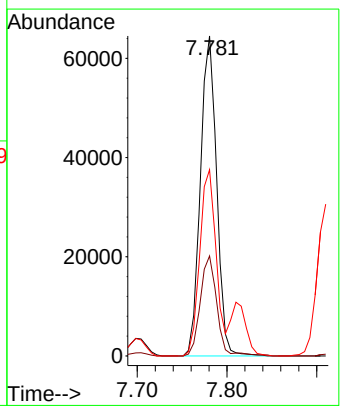


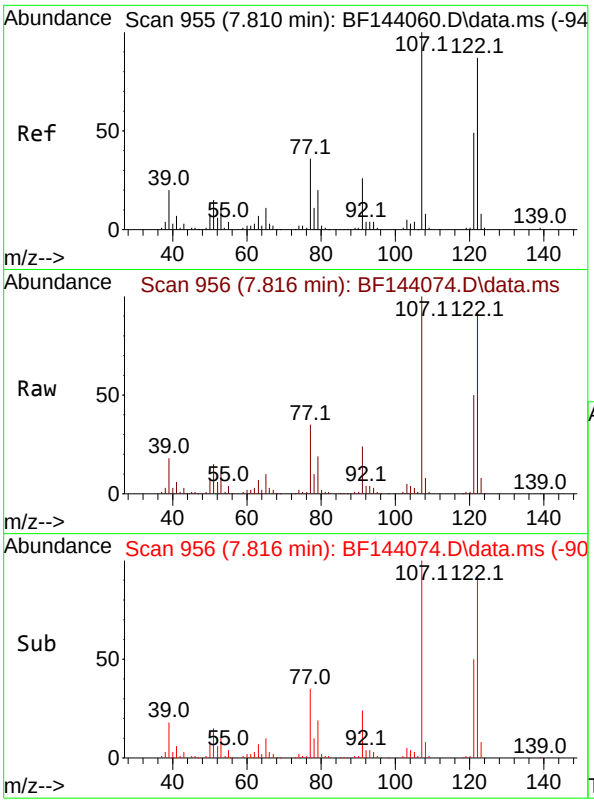


#26
2-Nitrophenol
Concen: 43.268 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:139 Resp: 81158

Ion	Ratio	Lower	Upper
139	100		
109	31.2	24.6	37.0
65	58.2	46.6	69.8



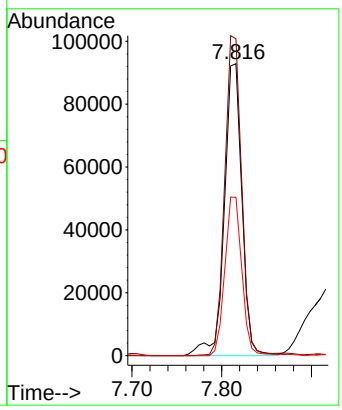


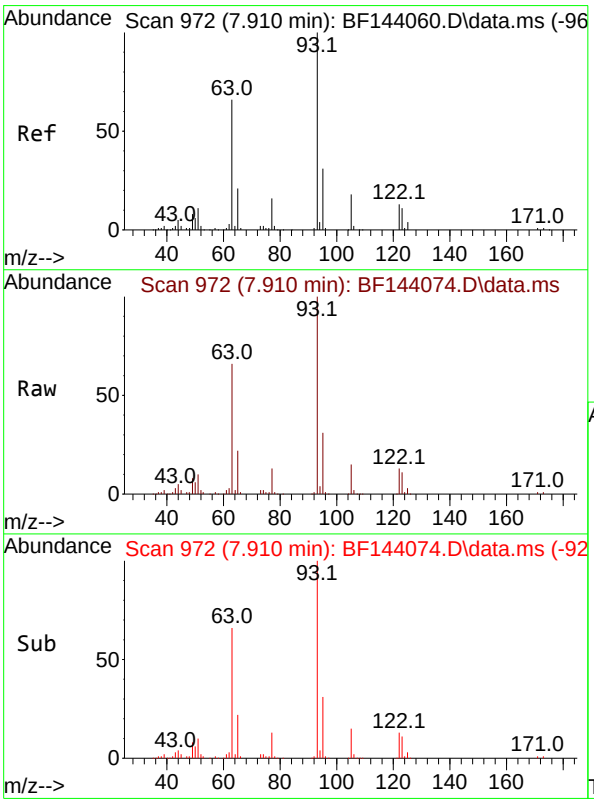
#27
2,4-Dimethylphenol
Concen: 45.340 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 126382

Ion	Ratio	Lower	Upper
122	100		
107	108.5	91.8	137.8
121	54.2	45.2	67.8

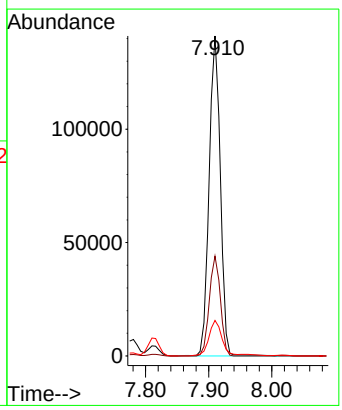


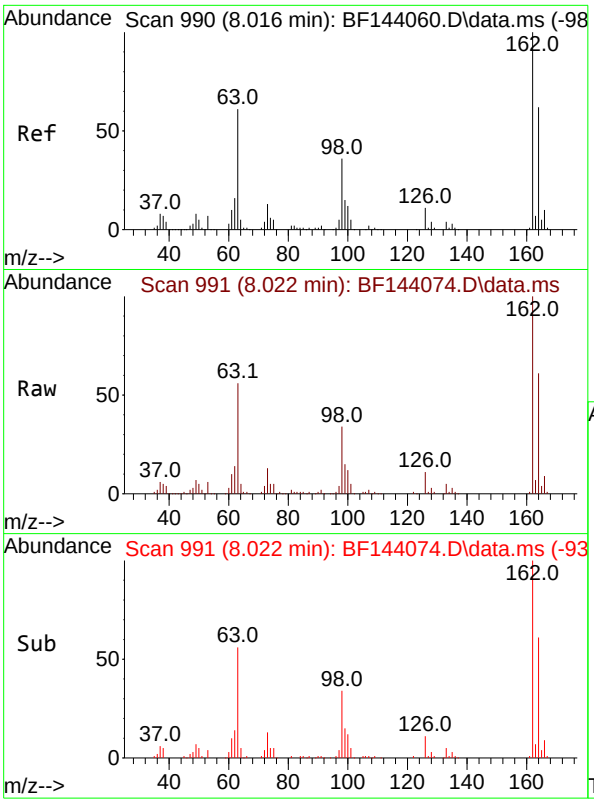


#28
bis(2-Chloroethoxy)methane
Concen: 42.723 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 93 Resp: 173620

Ion	Ratio	Lower	Upper
93	100		
95	31.2	24.6	36.8
123	11.1	9.1	13.7



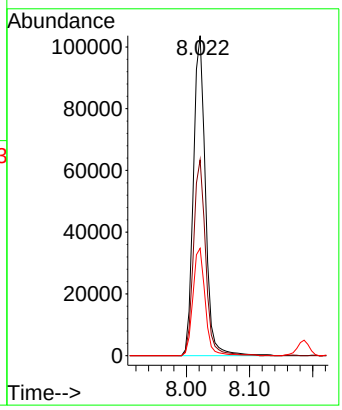


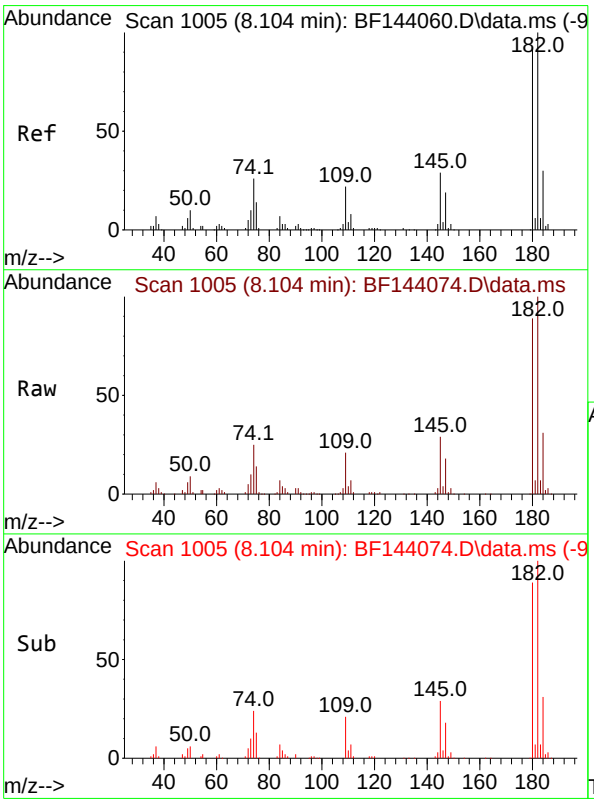
#29
2,4-Dichlorophenol
Concen: 42.393 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 137420

Ion	Ratio	Lower	Upper
162	100		
164	61.2	42.1	82.1
98	33.5	16.0	56.0

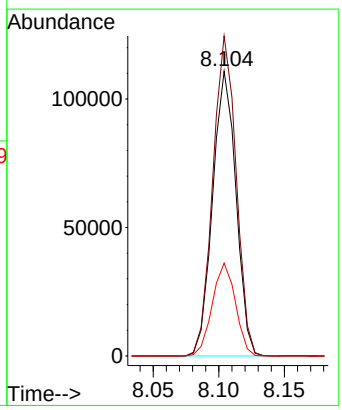


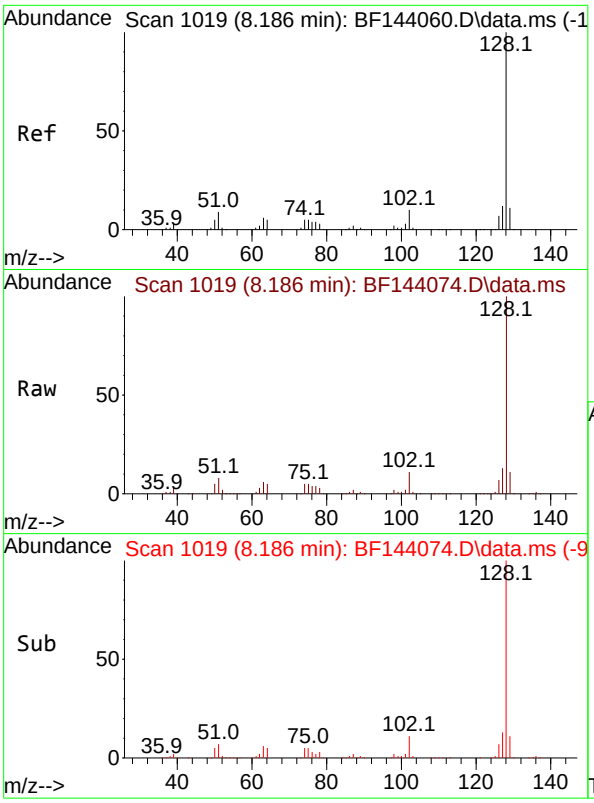


#30
1,2,4-Trichlorobenzene
Concen: 41.079 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:180 Resp: 136990

Ion	Ratio	Lower	Upper
180	100		
182	112.3	87.1	130.7
145	32.6	25.3	37.9



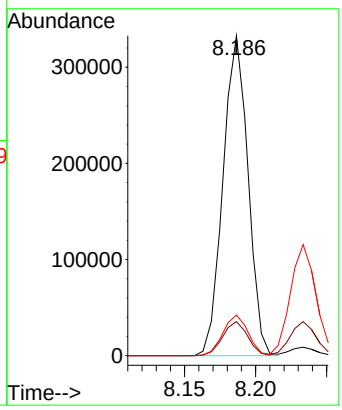


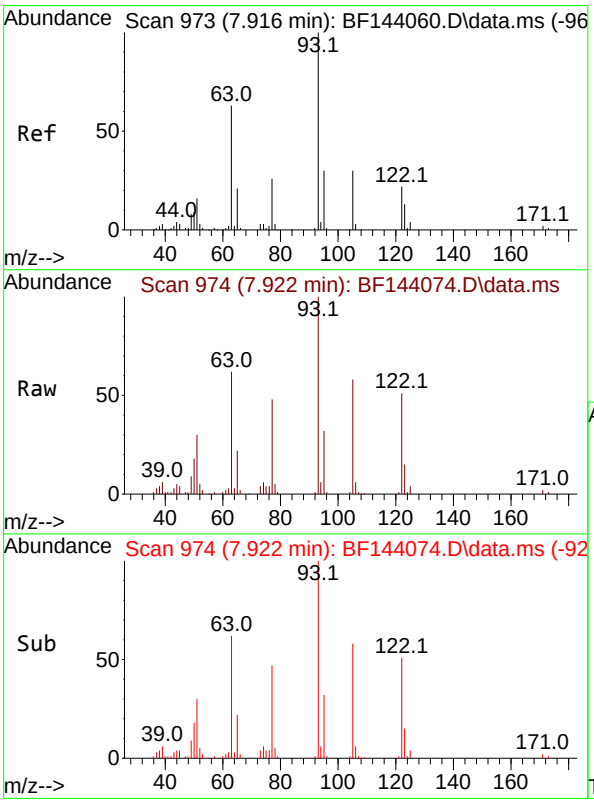
#31
Naphthalene
Concen: 42.271 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 407407

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	12.7	9.9	14.9

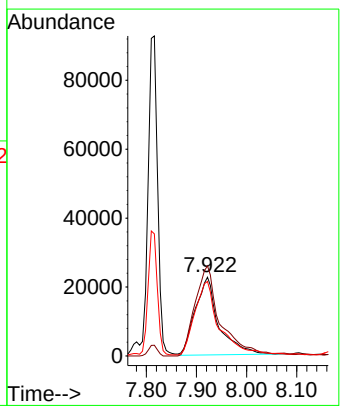


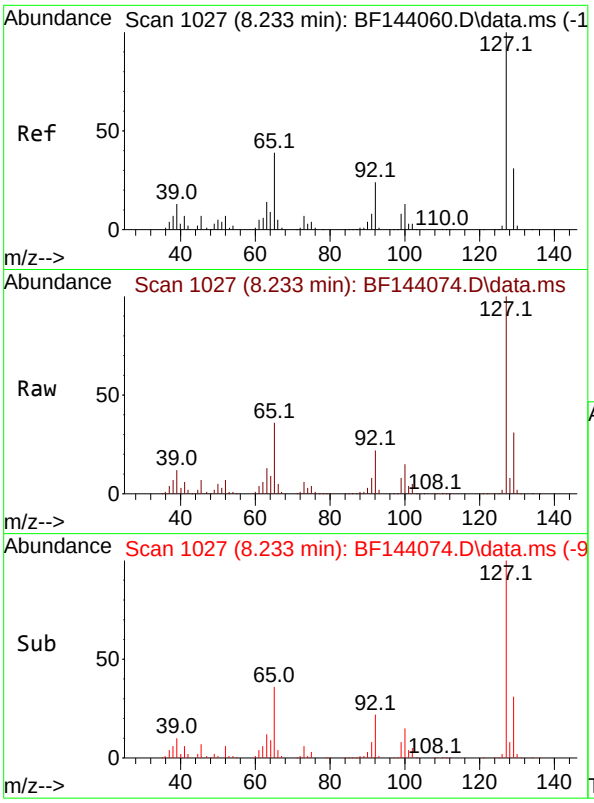


#32
Benzoic acid
Concen: 41.781 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:122 Resp: 73873

Ion	Ratio	Lower	Upper
122	100		
105	114.4	111.3	151.3
77	94.7	96.7	136.7#



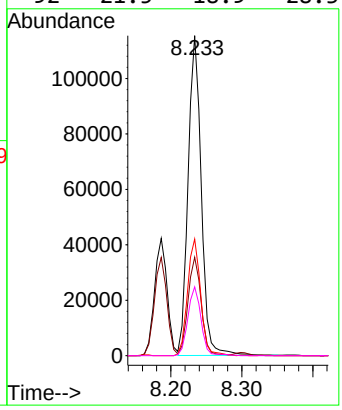


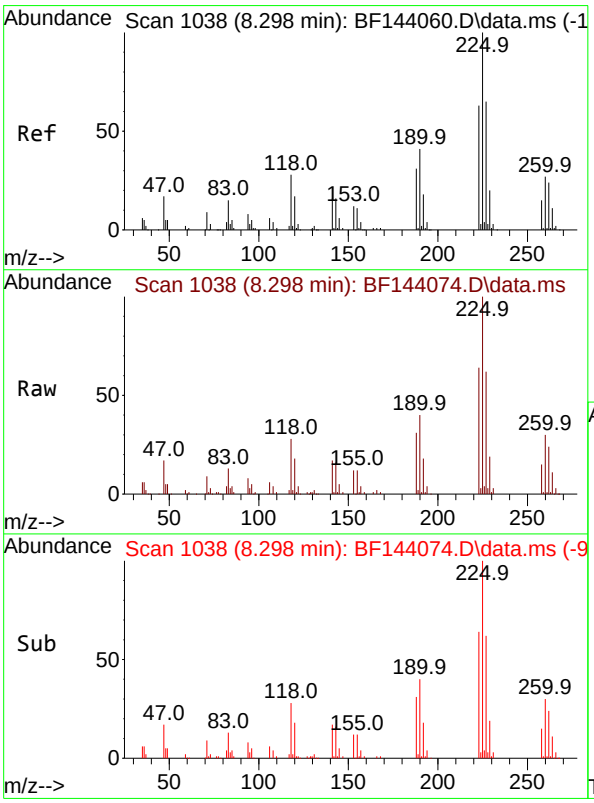
#33
4-Chloroaniline
Concen: 44.158 ng
RT: 8.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 148161

Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.6	38.4
65	36.5	30.9	46.3
92	21.5	18.9	28.3

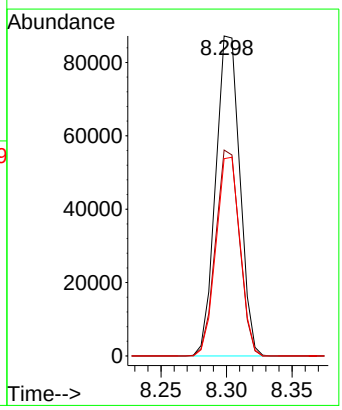


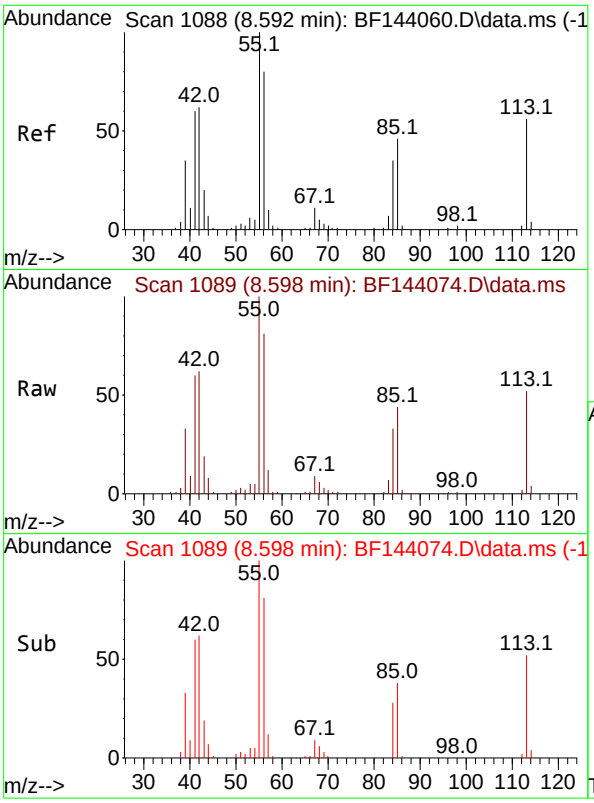


#34
Hexachlorobutadiene
Concen: 40.877 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:225 Resp: 111465

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	61.7	51.8	77.8



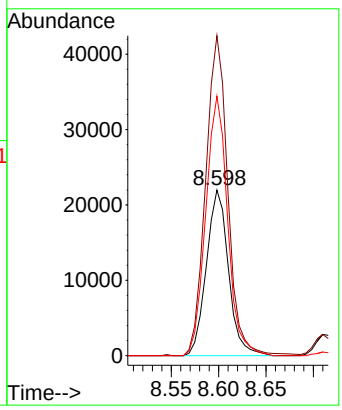


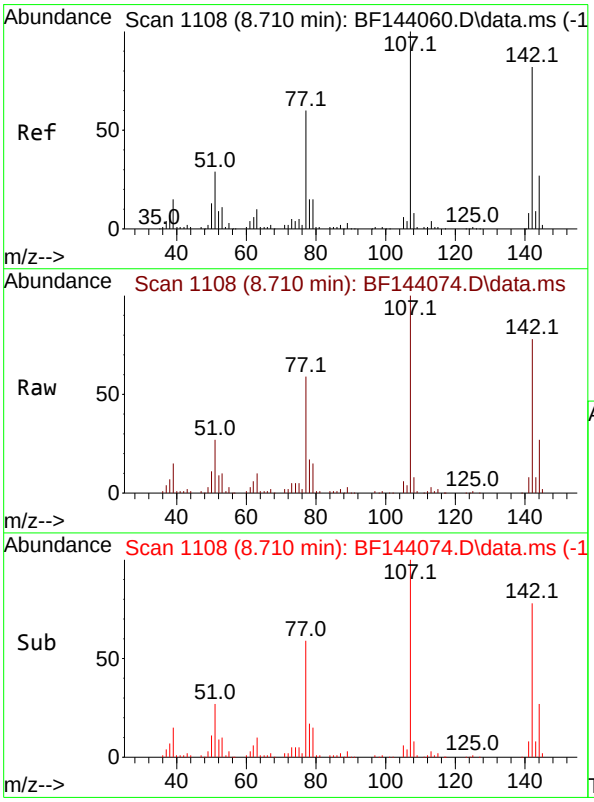
#35
Caprolactam
Concen: 43.869 ng
RT: 8.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 35660

Ion	Ratio	Lower	Upper
113	100		
55	193.2	160.1	200.1
56	156.7	124.9	164.9

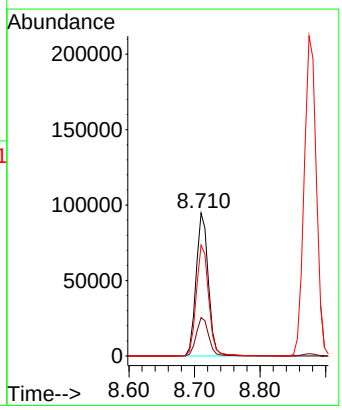


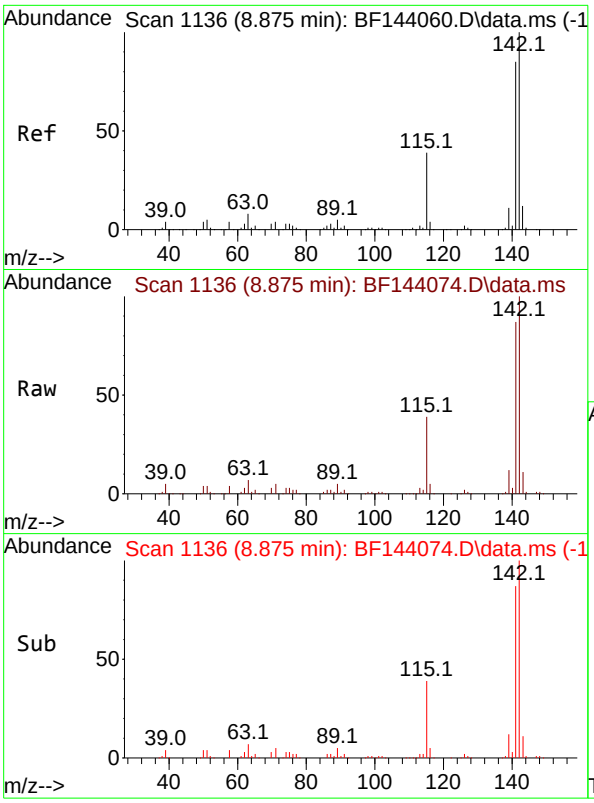


#36
4-Chloro-3-methylphenol
Concen: 43.150 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:107 Resp: 123434

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.6	32.4
142	77.5	65.4	98.0



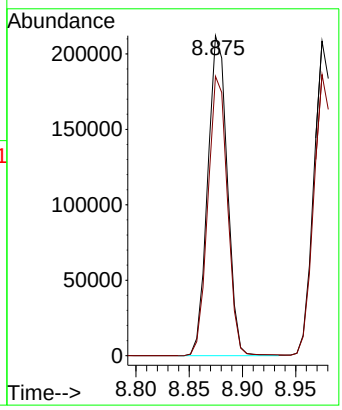


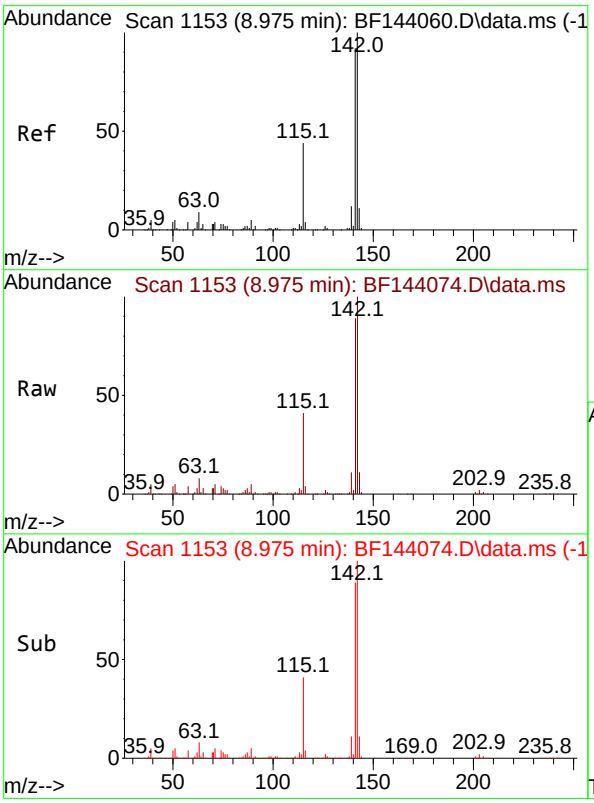
#37
2-Methylnaphthalene
Concen: 42.699 ng
RT: 8.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 271332

Ion	Ratio	Lower	Upper
142	100		
141	87.3	67.6	101.4

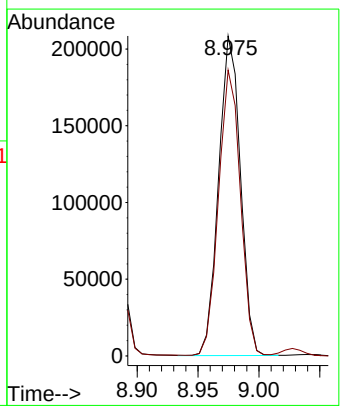


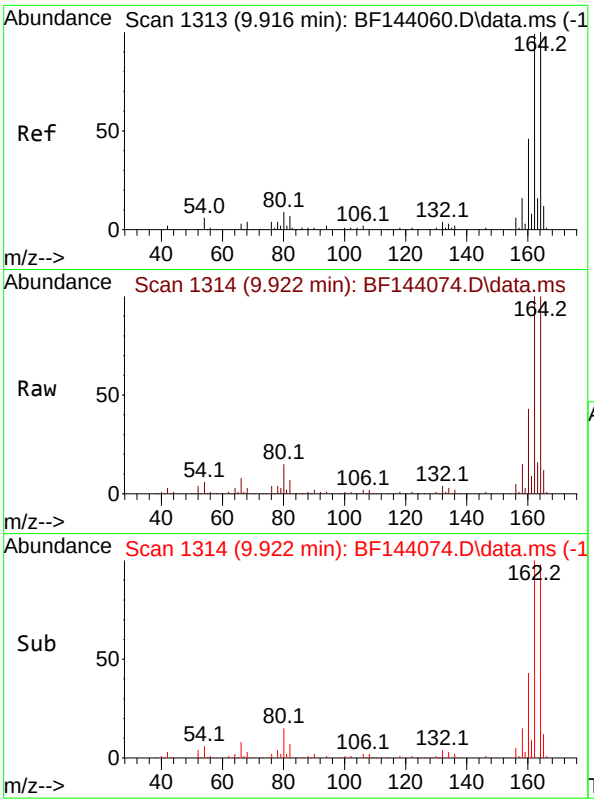


#38
1-Methylnaphthalene
Concen: 43.152 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:142 Resp: 259791

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.4	110.2



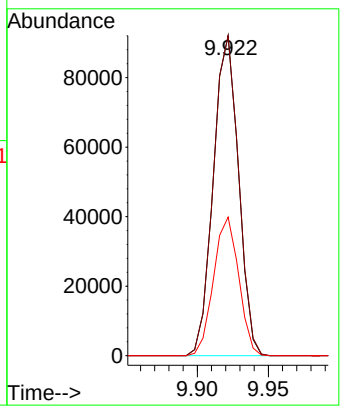


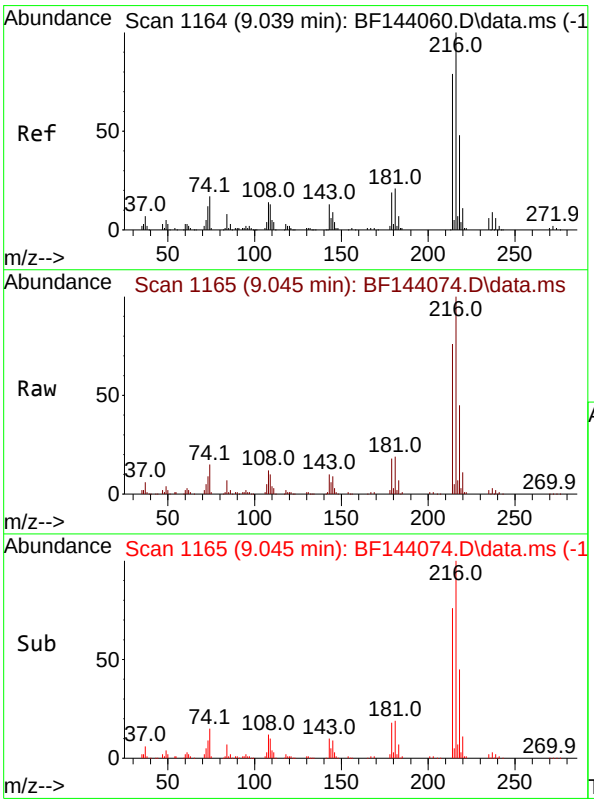
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 113226

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.4	119.2
160	43.3	36.7	55.1

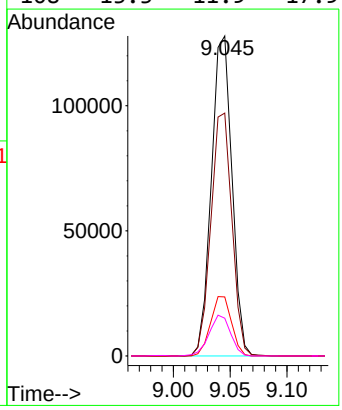


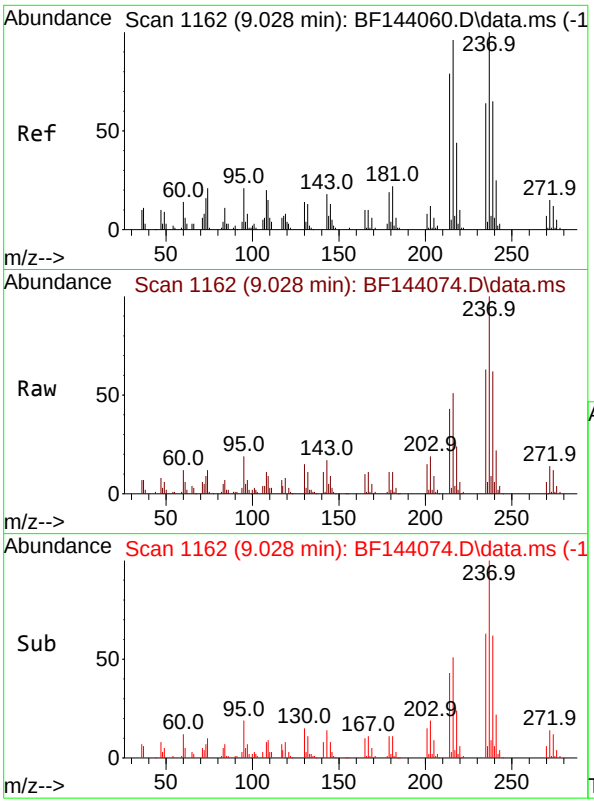


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.440 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:216 Resp: 161259

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.2	94.8
179	18.8	15.2	22.8
108	13.3	11.9	17.9



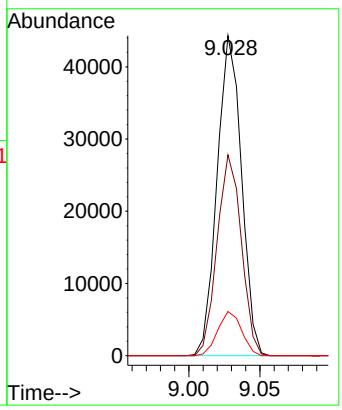


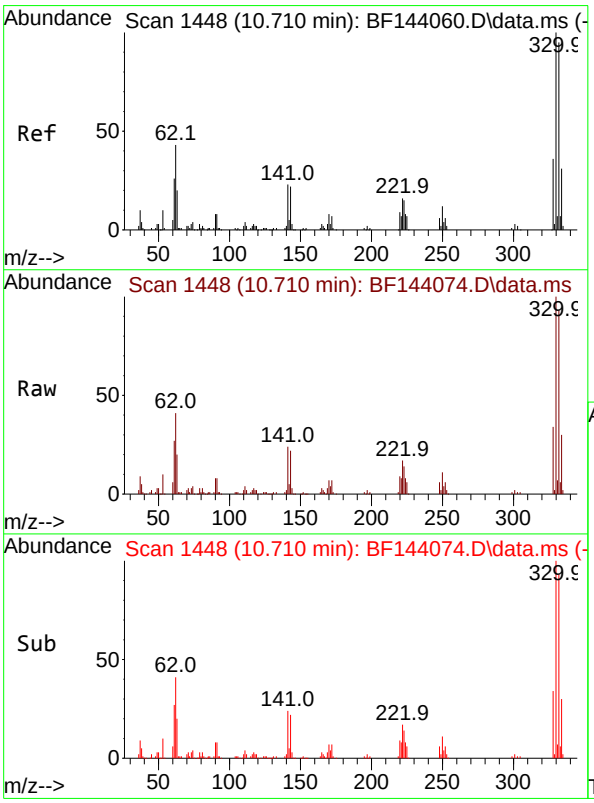
#41
Hexachlorocyclopentadiene
Concen: 43.878 ng
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 52737

Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.3	84.3
272	13.8	0.0	35.2

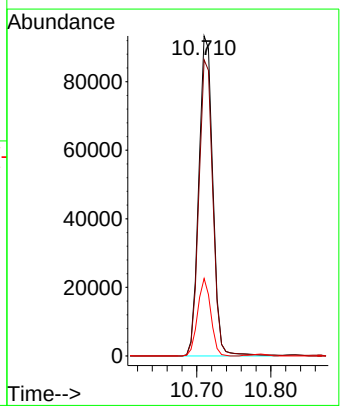


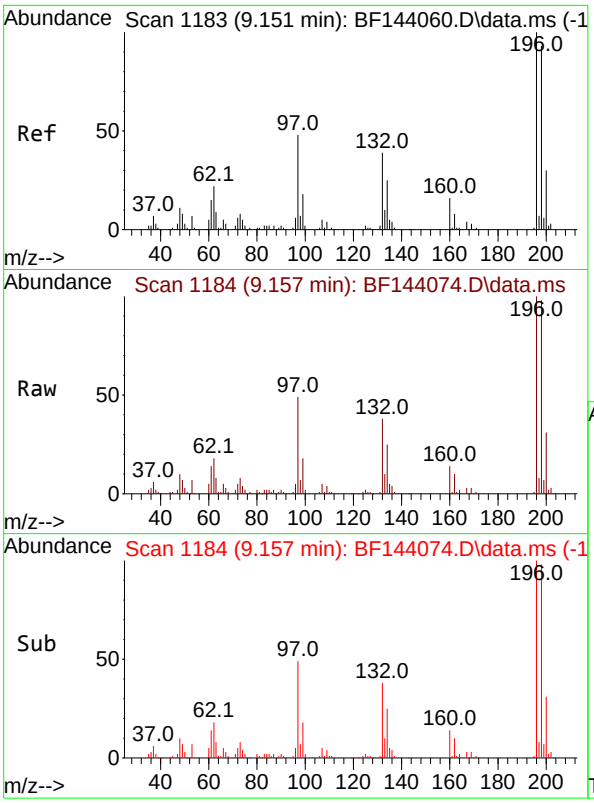


#42
2,4,6-Tribromophenol
Concen: 84.893 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:330 Resp: 122439

Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.0	115.6
141	22.7	19.4	29.0



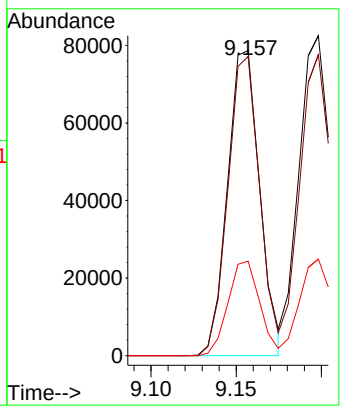


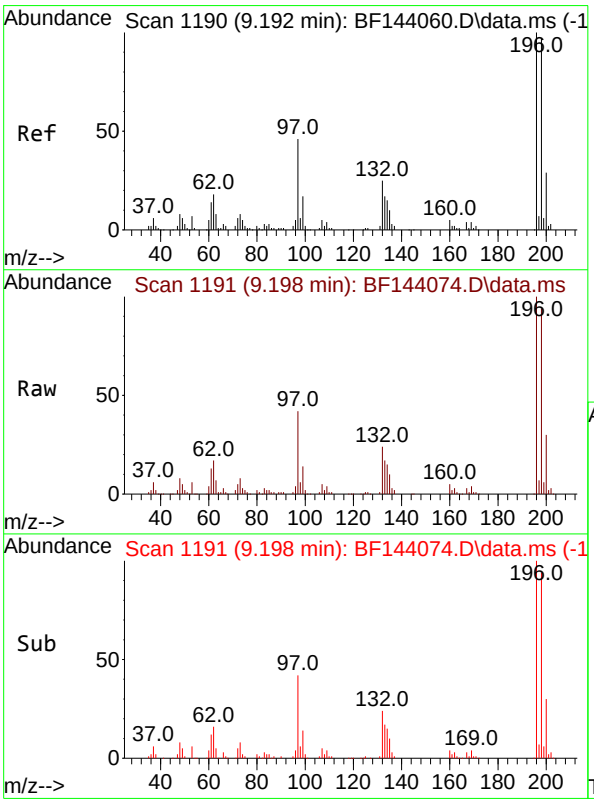
#43
2,4,6-Trichlorophenol
Concen: 40.949 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 103575

Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.4	111.6
200	31.0	23.8	35.8

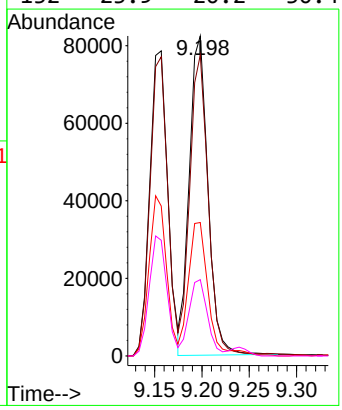


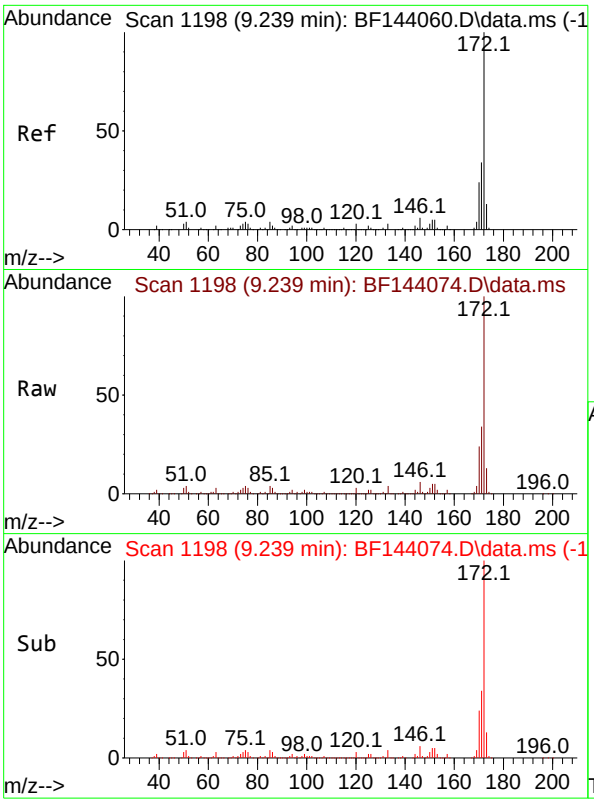


#44
2,4,5-Trichlorophenol
Concen: 42.599 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:196 Resp: 113082

Ion	Ratio	Lower	Upper
196	100		
198	94.1	78.0	117.0
97	41.7	37.7	56.5
132	23.9	20.2	30.4



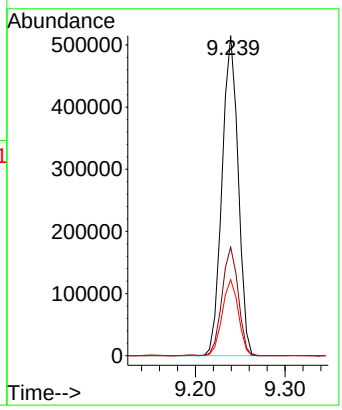


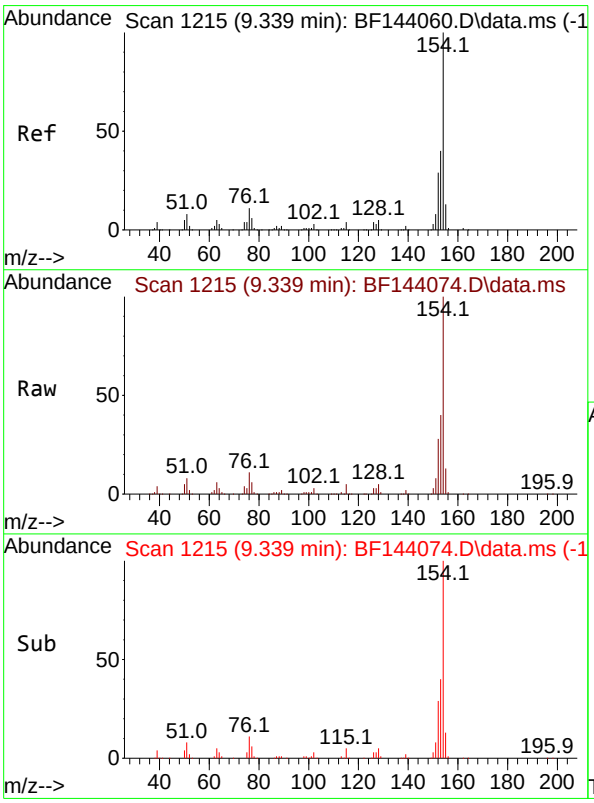
#45
2-Fluorobiphenyl
Concen: 79.903 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 642905

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.5	41.3
170	23.8	19.0	28.6

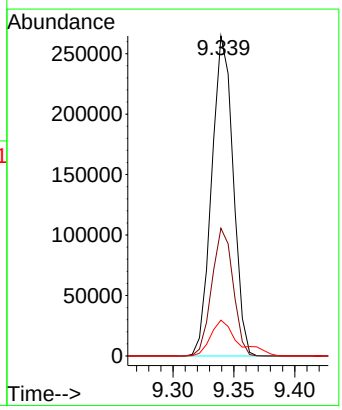


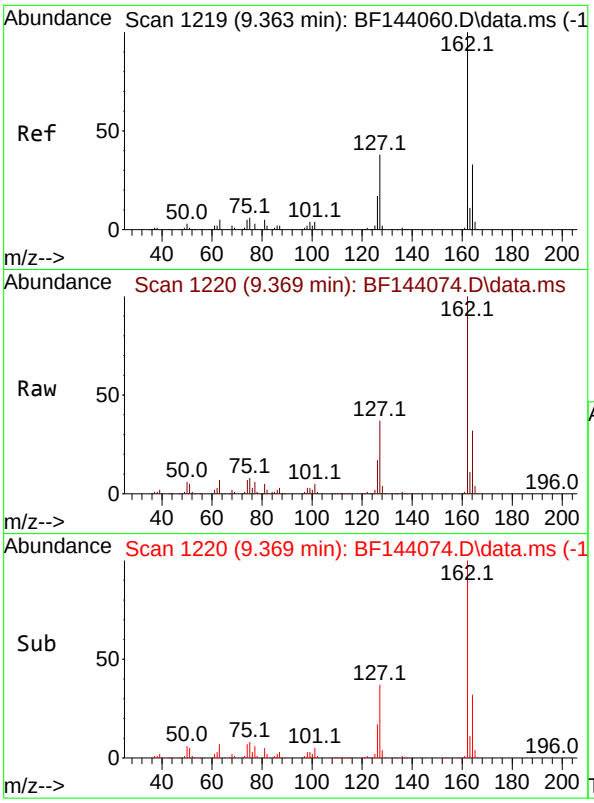


#46
1,1'-Biphenyl
Concen: 40.027 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:154 Resp: 324424

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.7	59.7
76	11.2	0.0	31.1



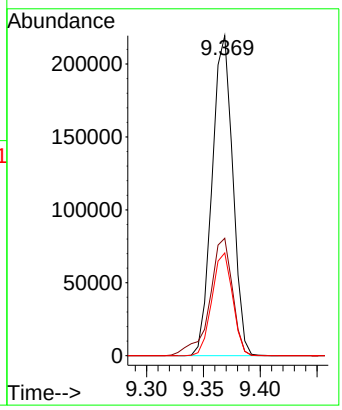


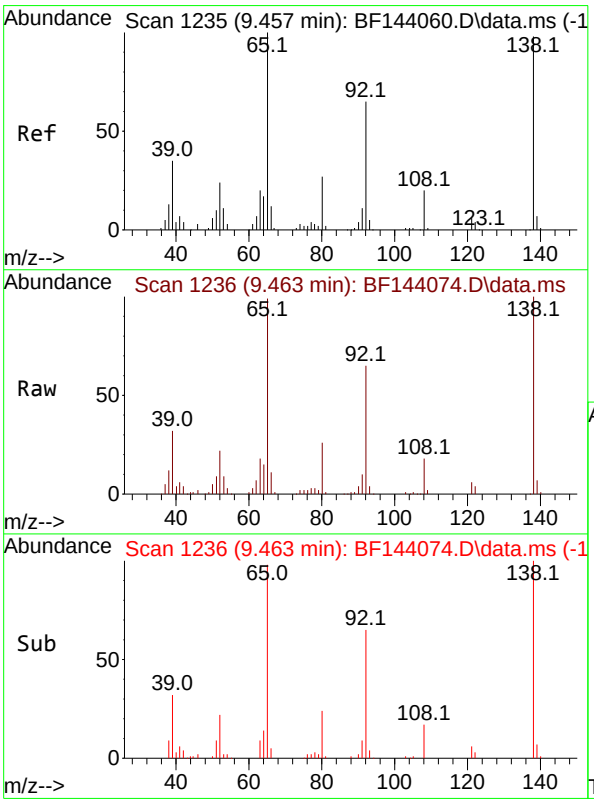
#47
2-Chloronaphthalene
Concen: 40.869 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 277516

Ion	Ratio	Lower	Upper
162	100		
127	36.7	31.6	47.4
164	32.1	26.5	39.7

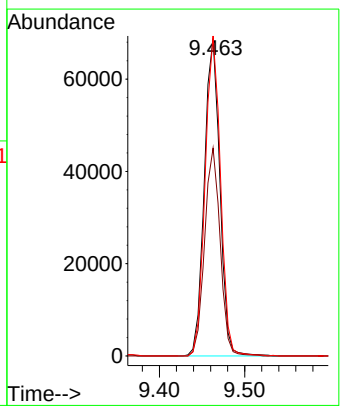


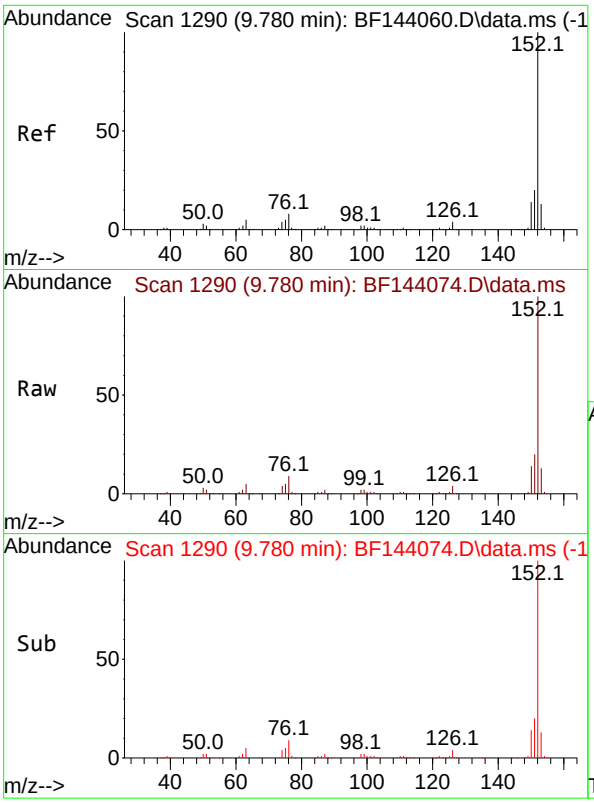


#48
2-Nitroaniline
Concen: 43.173 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 65 Resp: 87054

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.3	78.5
138	100.8	78.3	117.5



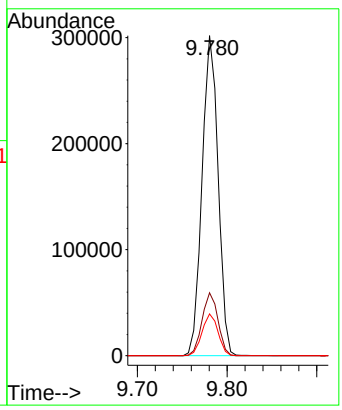


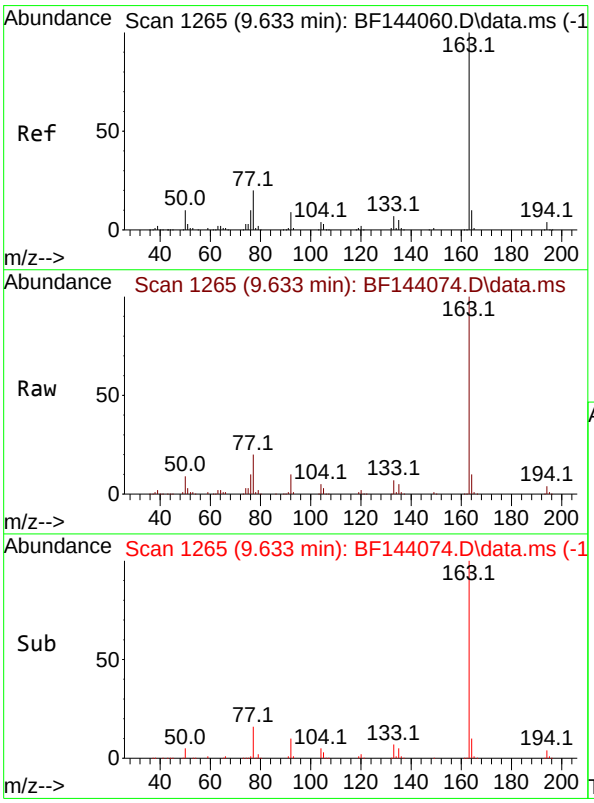
#49
Acenaphthylene
Concen: 40.908 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 374544

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.4	15.6

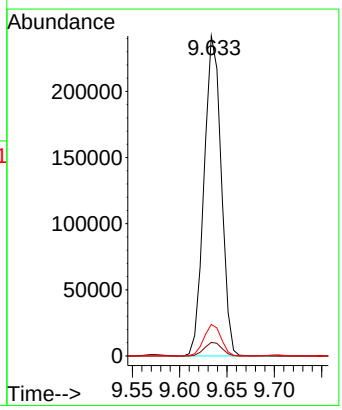


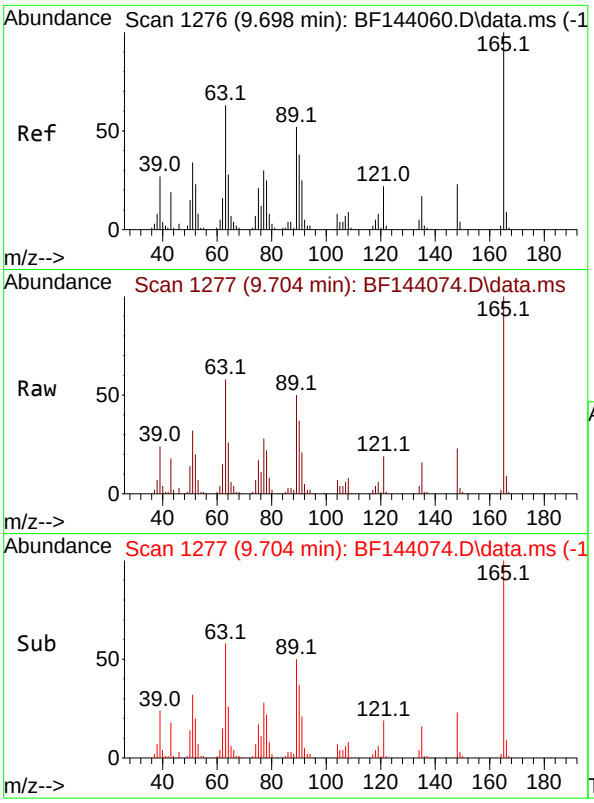


#50
Dimethylphthalate
Concen: 41.020 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:163 Resp: 304442

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	7.8	11.8



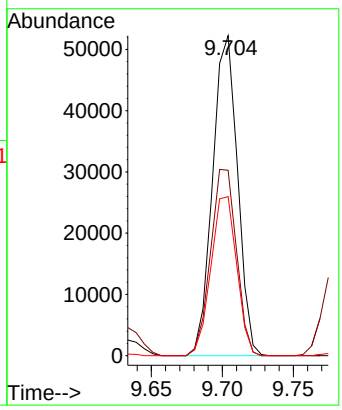


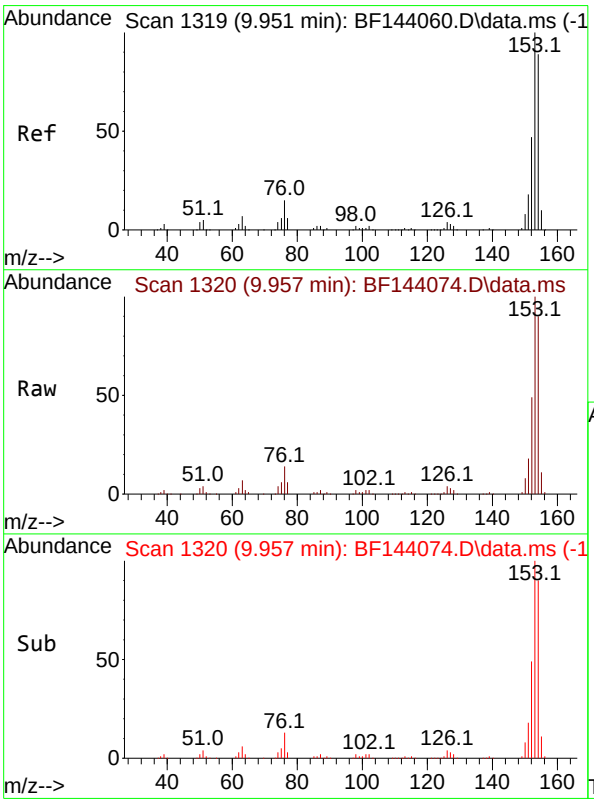
#51
2,6-Dinitrotoluene
Concen: 43.531 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 63869

Ion	Ratio	Lower	Upper
165	100		
63	58.0	50.4	75.6
89	49.7	41.4	62.2

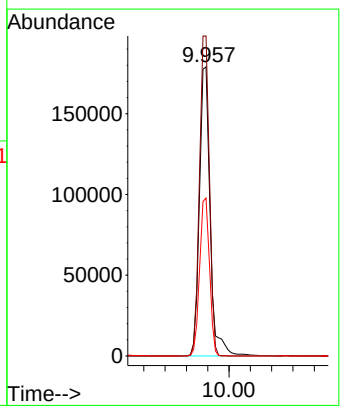


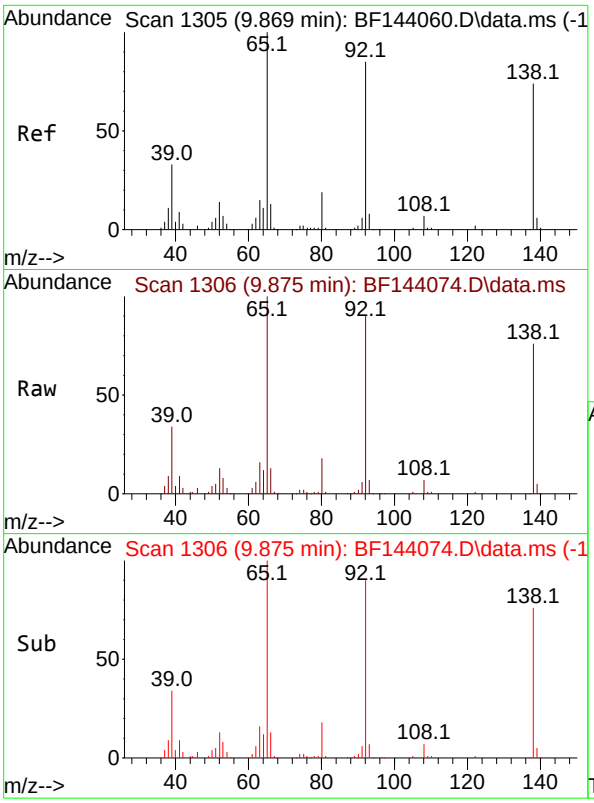


#52
Acenaphthene
Concen: 40.938 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:154 Resp: 250322

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.9	134.9
152	54.6	42.0	63.0



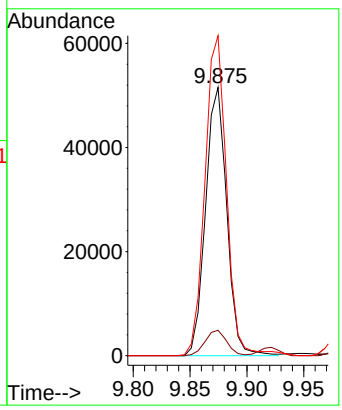


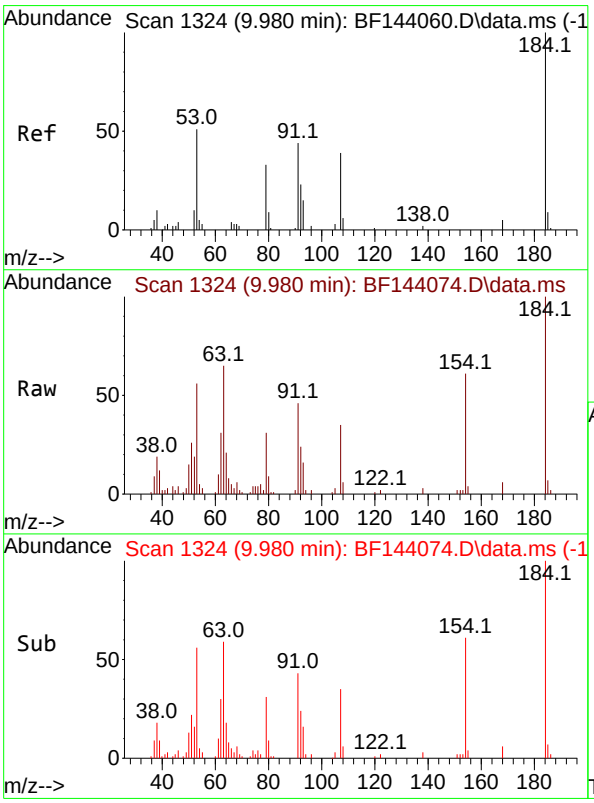
#53
3-Nitroaniline
Concen: 41.061 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 66981

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	119.3	92.0	138.0

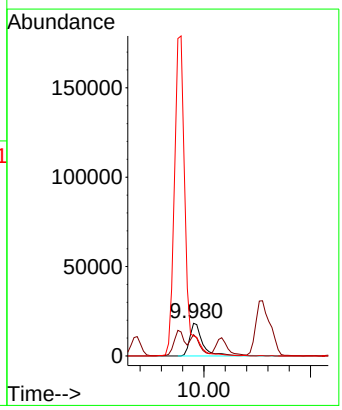


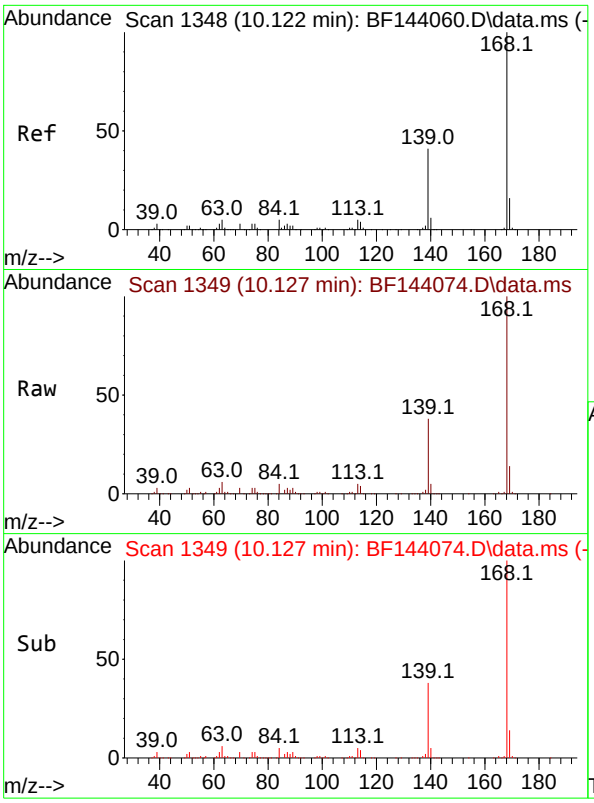


#54
2,4-Dinitrophenol
Concen: 38.960 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:184 Resp: 30917

Ion	Ratio	Lower	Upper
184	100		
63	65.0	52.1	78.1
154	61.3	47.9	71.9



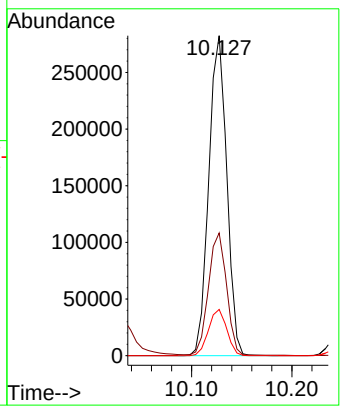


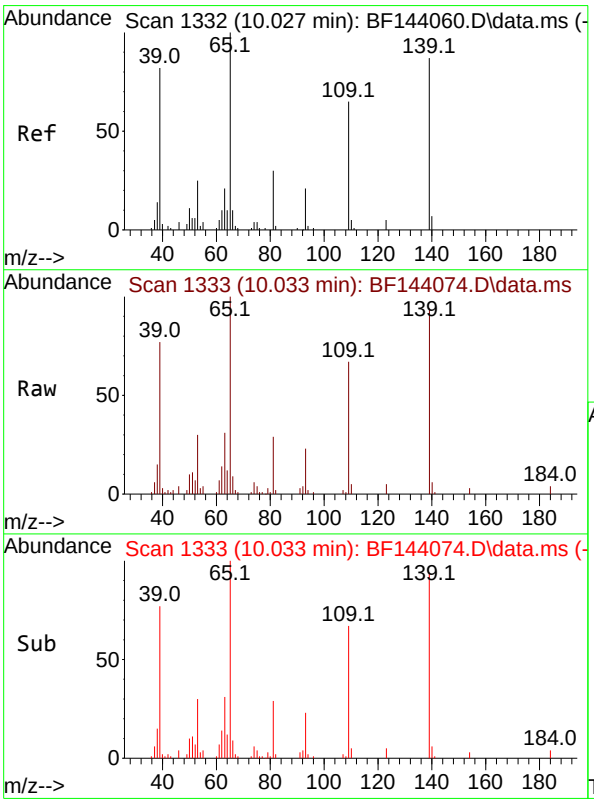
#55
Dibenzofuran
Concen: 41.318 ng
RT: 10.127 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 350742

Ion	Ratio	Lower	Upper
168	100		
139	38.4	33.2	49.8
169	14.4	12.6	19.0

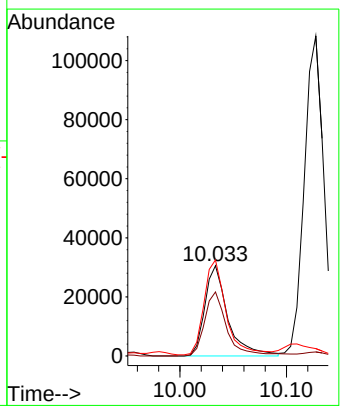


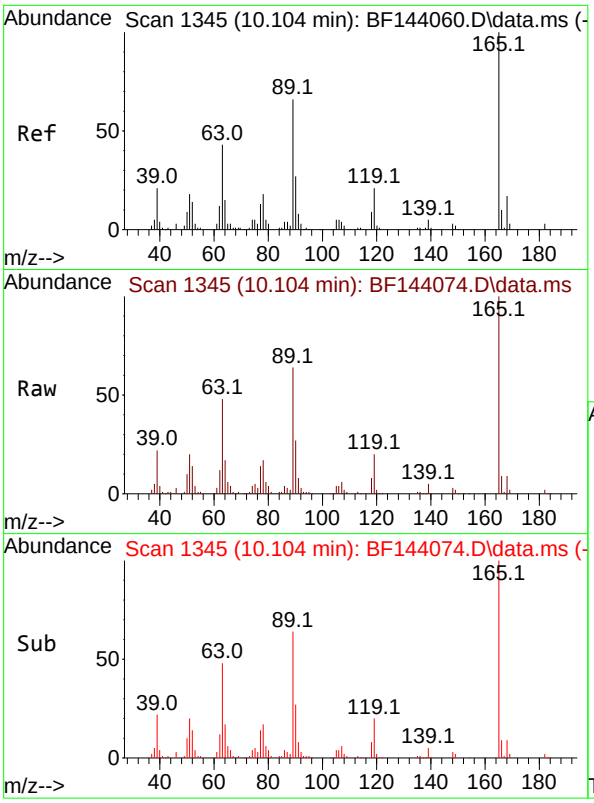


#56
4-Nitrophenol
Concen: 41.527 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:139 Resp: 45872

Ion	Ratio	Lower	Upper
139	100		
109	70.8	53.8	93.8
65	106.4	95.9	135.9



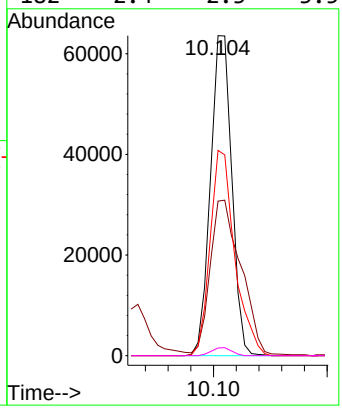


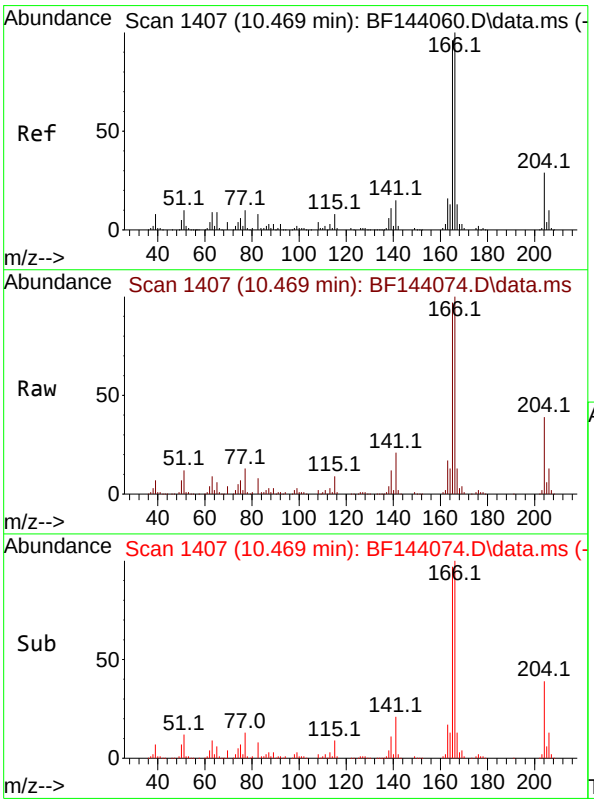
#57
2,4-Dinitrotoluene
Concen: 41.918 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 83007

Ion	Ratio	Lower	Upper
165	100		
63	48.3	35.4	53.2
89	64.2	52.7	79.1
182	2.4	2.3	3.5

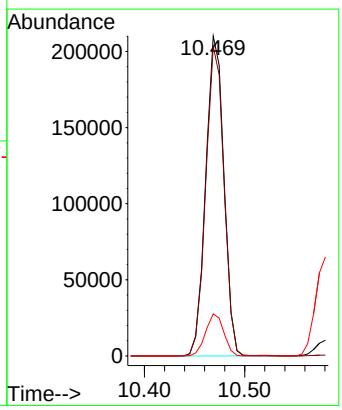


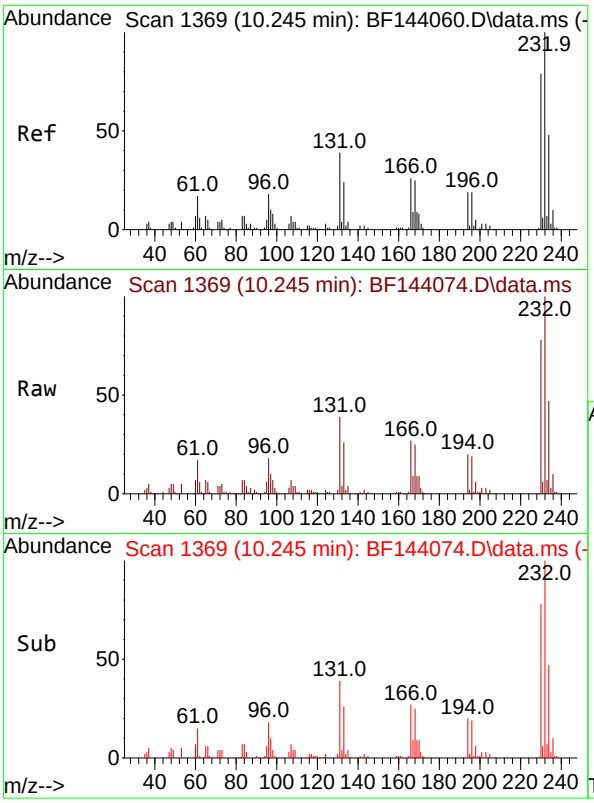


#58
Fluorene
Concen: 40.866 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:166 Resp: 264329

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.0	115.4
167	13.1	10.2	15.4



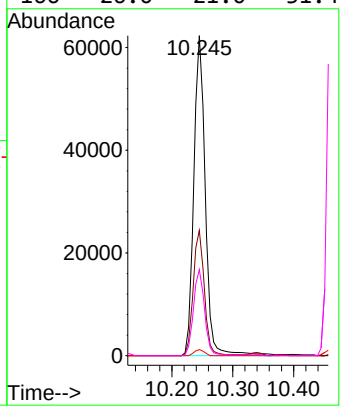


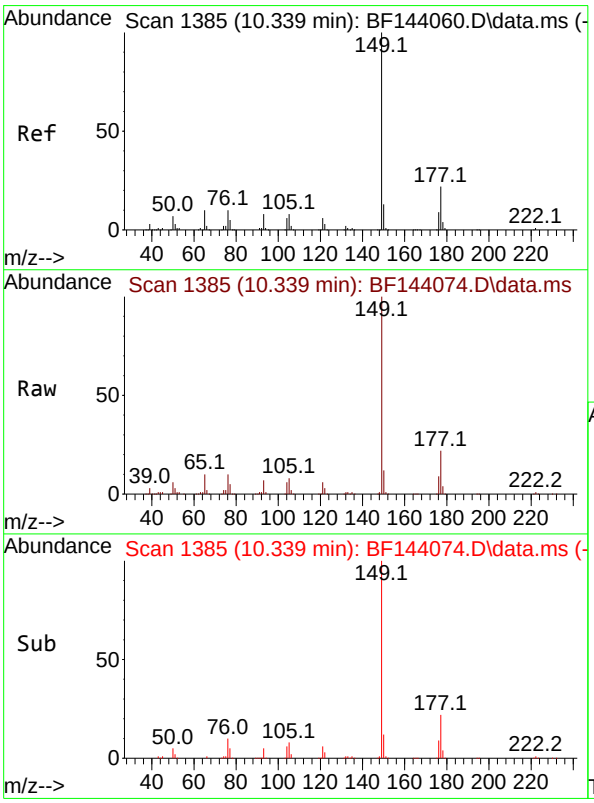
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.817 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 81964

Ion	Ratio	Lower	Upper
232	100		
131	37.7	31.9	47.9
130	1.6	1.1	1.7
166	26.0	21.0	31.4

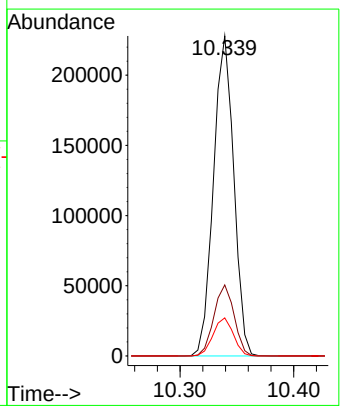


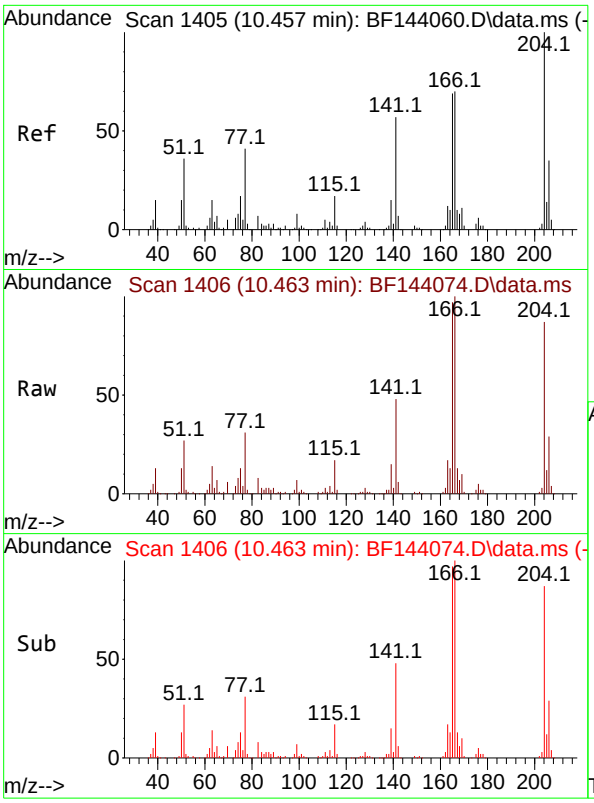


#60
Diethylphthalate
Concen: 40.457 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 282370

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.6
150	11.9	10.1	15.1



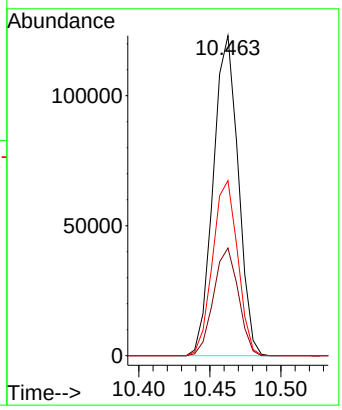


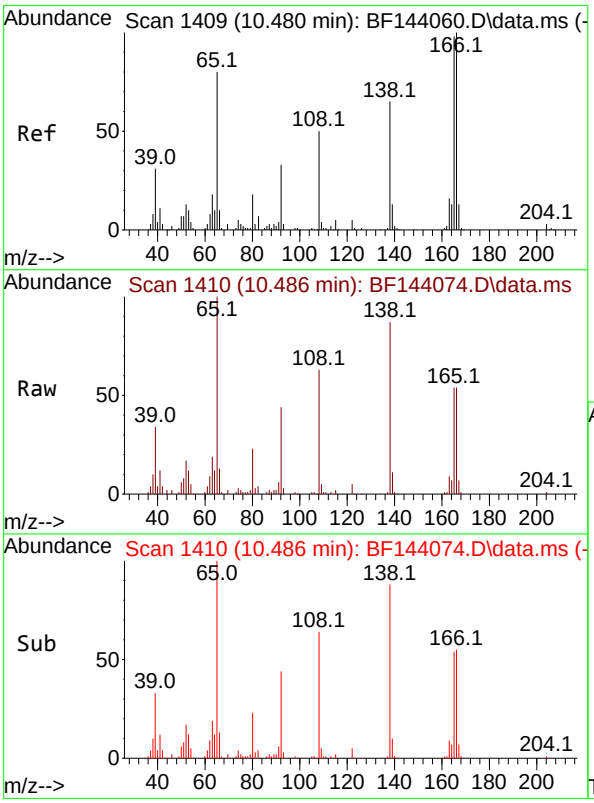
#61
4-Chlorophenyl-phenylether
Concen: 41.424 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 150675

Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.8	41.6
141	54.7	45.4	68.2

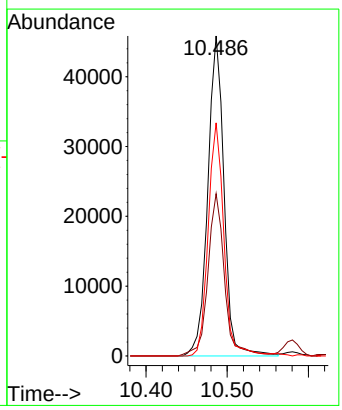


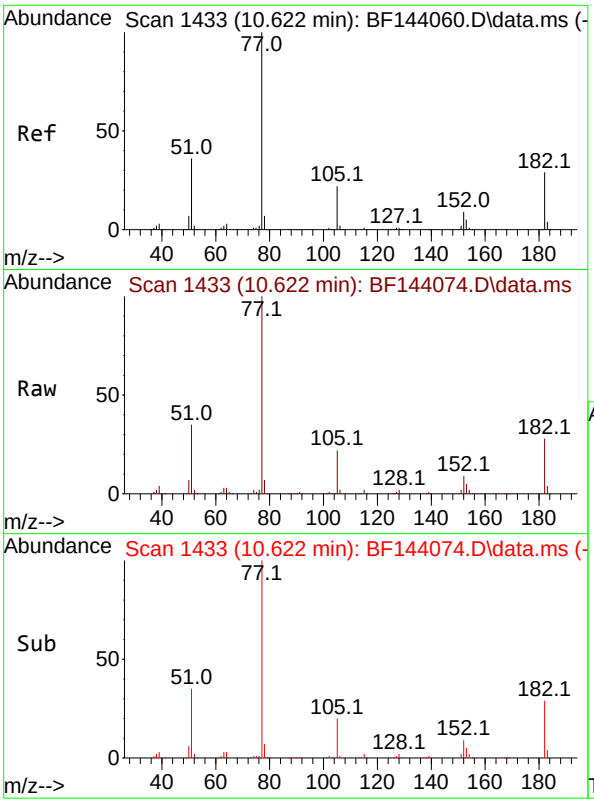


#62
4-Nitroaniline
Concen: 41.182 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:138 Resp: 63652

Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.5	70.5
108	72.8	56.2	96.2



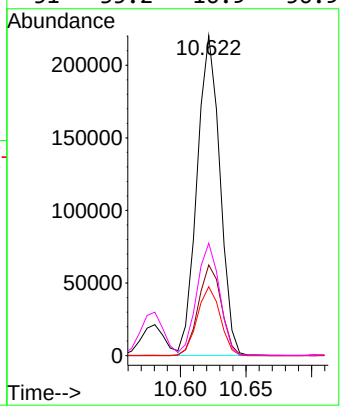


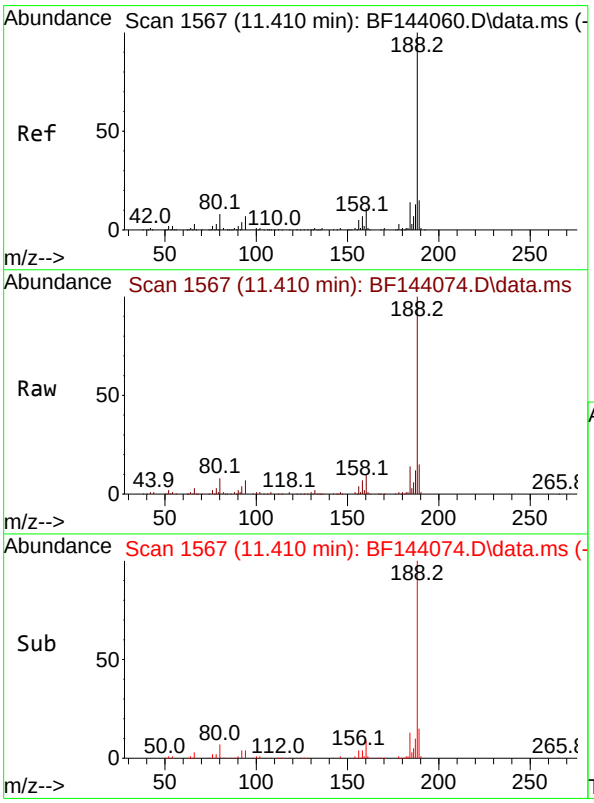
#63
Azobenzene
Concen: 40.465 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 267316

Ion	Ratio	Lower	Upper
77	100		
182	28.3	9.0	49.0
105	21.5	1.4	41.4
51	35.2	16.9	56.9

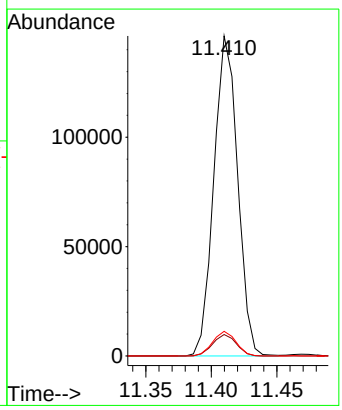


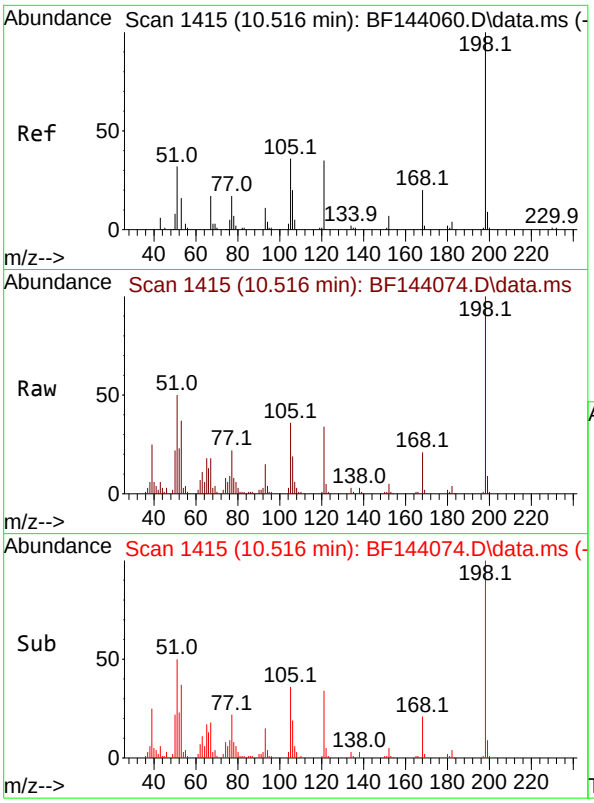


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:188 Resp: 184414

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.0
80	7.7	6.0	9.0



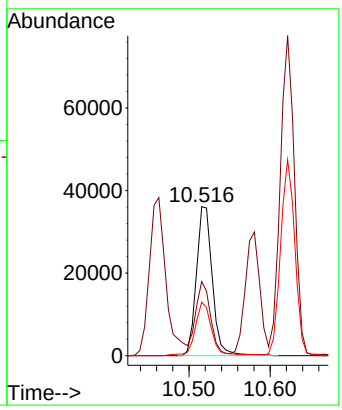


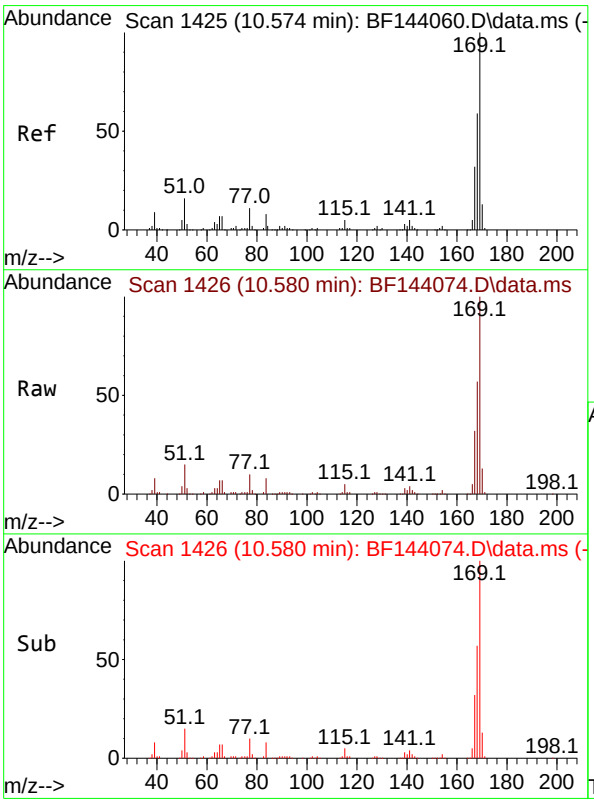
#65
4,6-Dinitro-2-methylphenol
Concen: 41.715 ng
RT: 10.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 49356

Ion	Ratio	Lower	Upper
198	100		
51	49.8	25.8	65.8
105	35.9	17.2	57.2

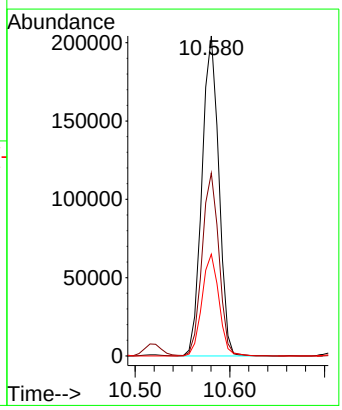


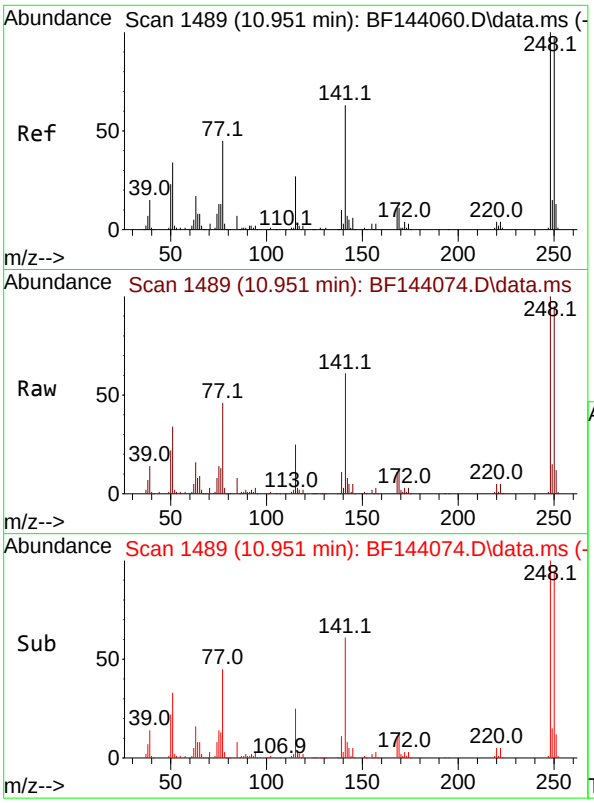


#66
n-Nitrosodiphenylamine
Concen: 42.907 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:169 Resp: 252814

Ion	Ratio	Lower	Upper
169	100		
168	57.2	47.4	71.2
167	31.8	25.5	38.3



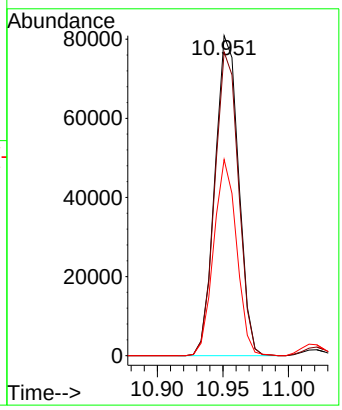


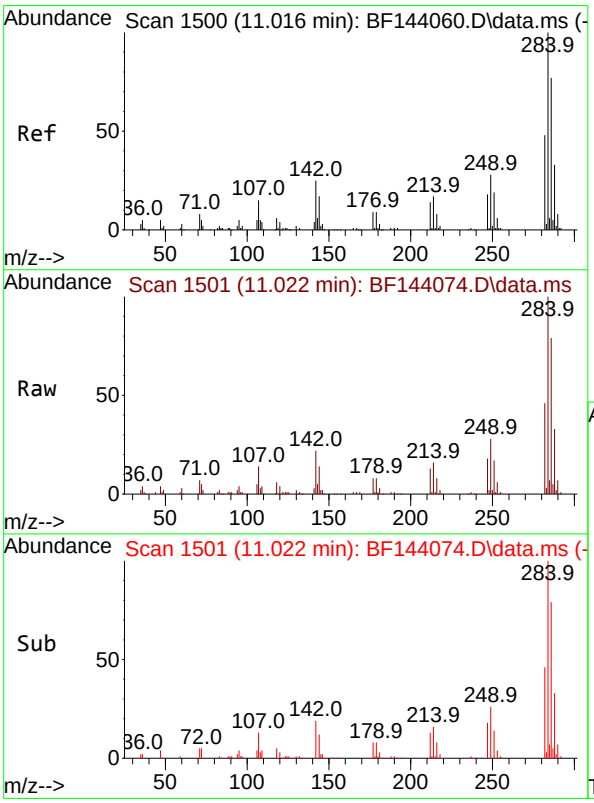
#67
4-Bromophenyl-phenylether
Concen: 43.947 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 101473

Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.8	116.6
141	61.3	50.5	75.7

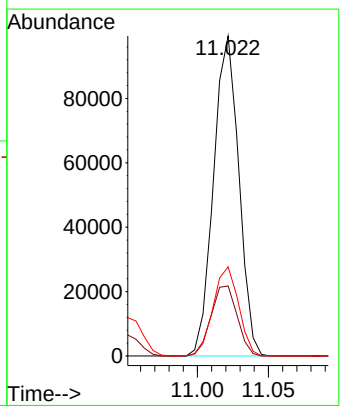


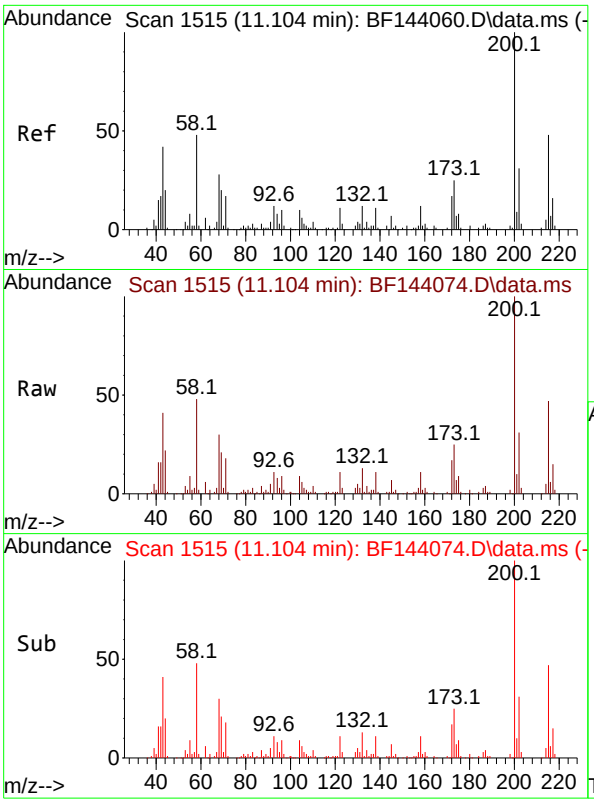


#68
Hexachlorobenzene
Concen: 43.436 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:284 Resp: 123002

Ion	Ratio	Lower	Upper
284	100		
142	21.9	20.0	30.0
249	27.8	22.2	33.2



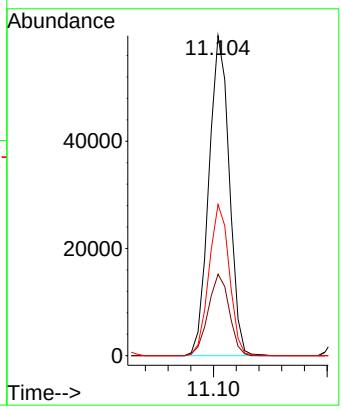


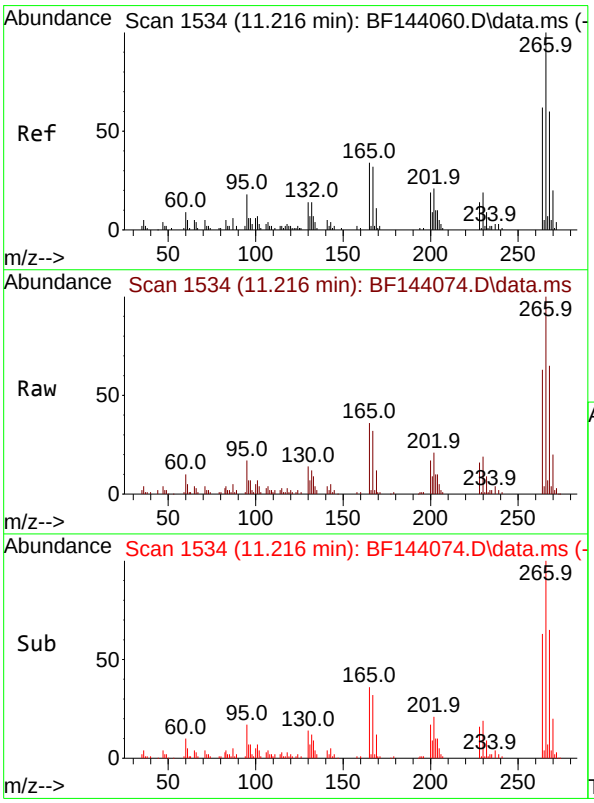
#69
Atrazine
Concen: 38.475 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 74391

Ion	Ratio	Lower	Upper
200	100		
173	25.4	4.9	44.9
215	47.2	28.2	68.2

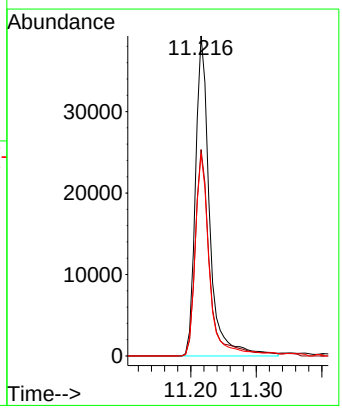


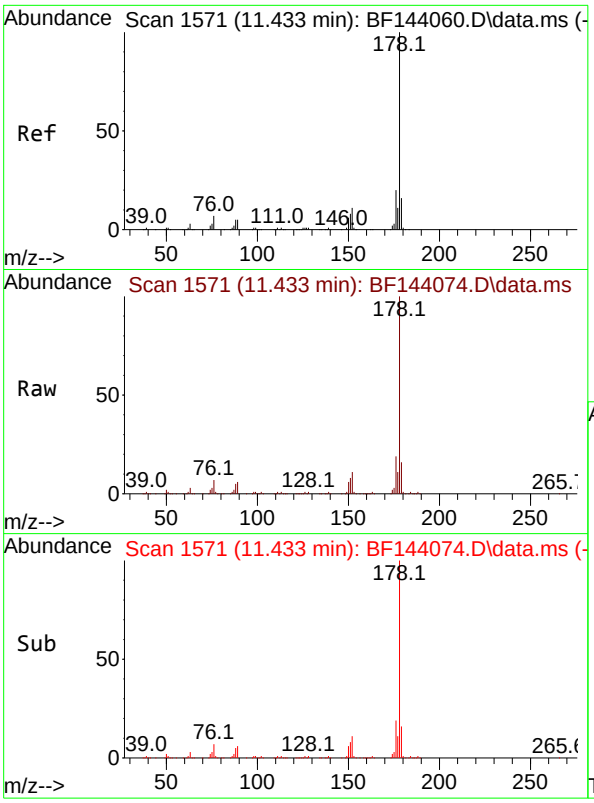


#70
Pentachlorophenol
Concen: 43.784 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:266 Resp: 59017

Ion	Ratio	Lower	Upper
266	100		
268	64.5	48.2	72.4
264	63.2	49.4	74.0



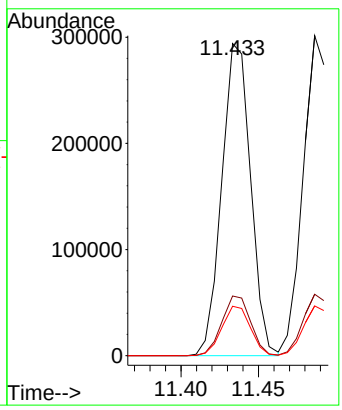


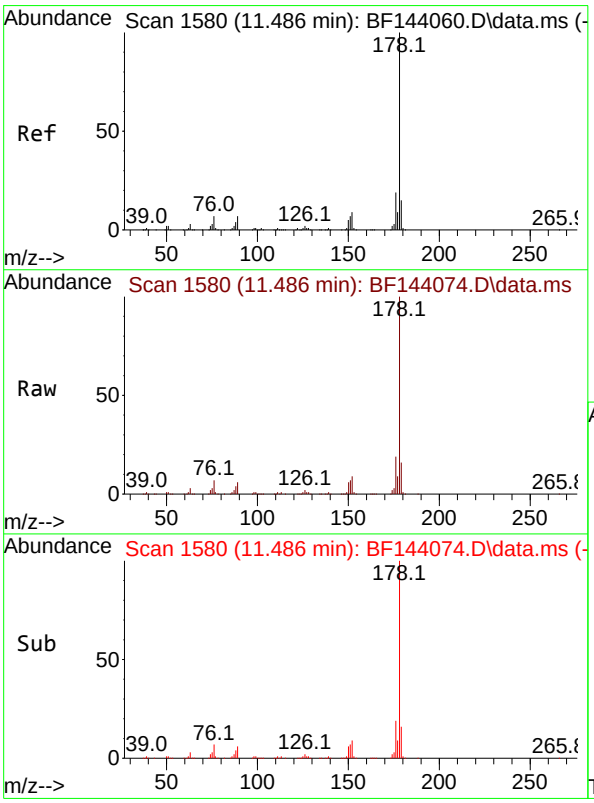
#71
Phenanthrene
Concen: 41.610 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 381184

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.8	12.6	18.8

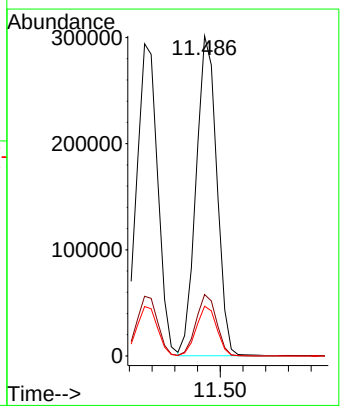


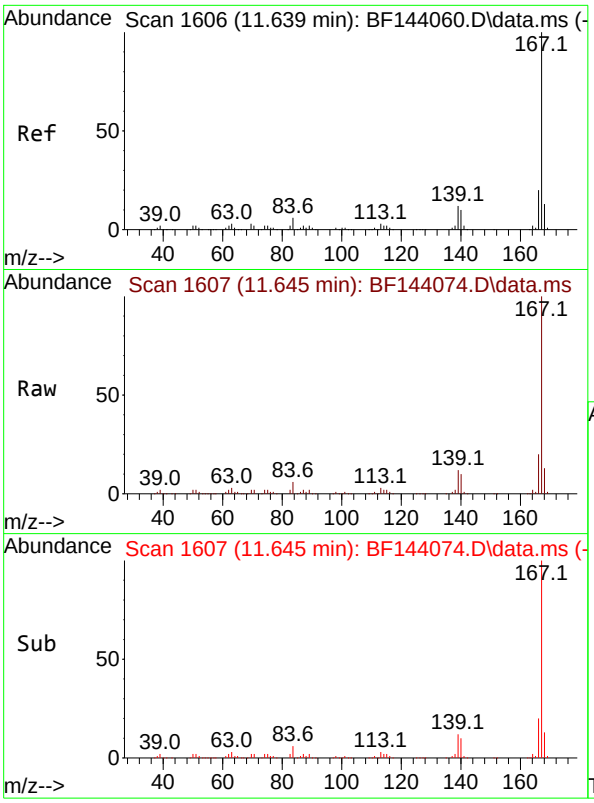


#72
Anthracene
Concen: 40.239 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:178 Resp: 380792

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.6	11.8	17.6



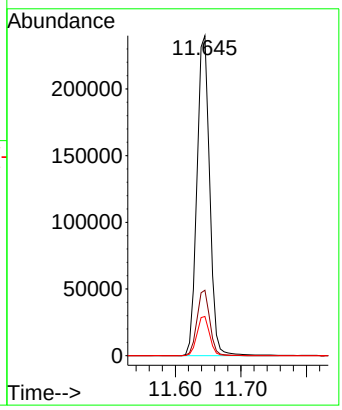


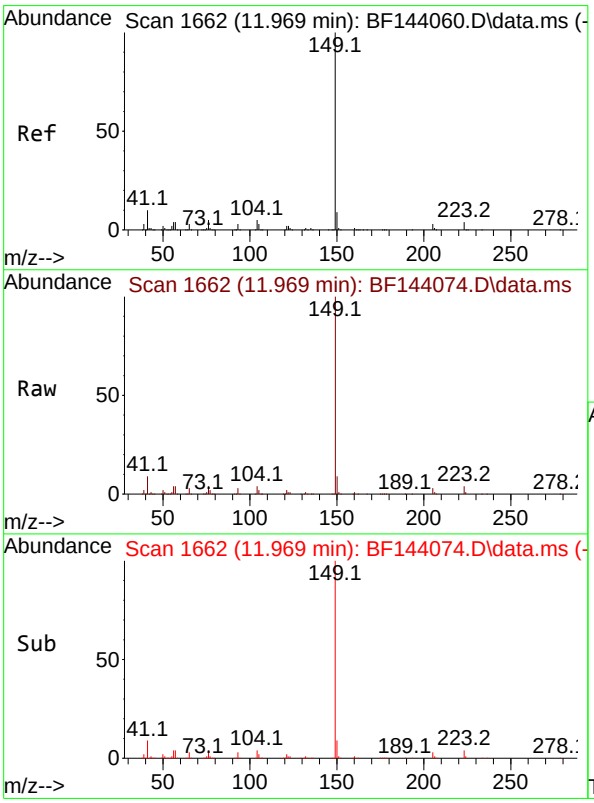
#73
Carbazole
Concen: 40.288 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 324513

Ion	Ratio	Lower	Upper
167	100		
166	20.5	16.1	24.1
139	12.2	9.8	14.6

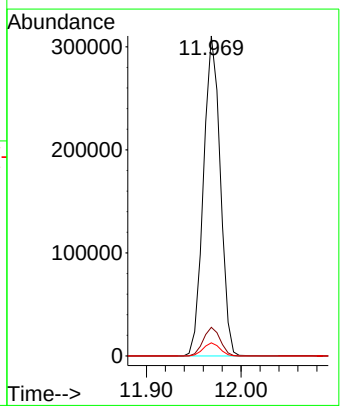


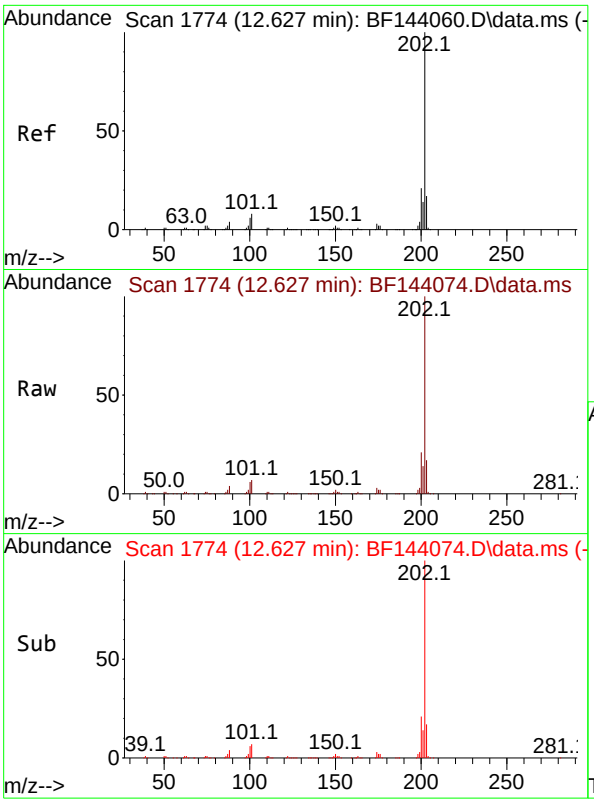


#74
Di-n-butylphthalate
Concen: 38.793 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 383099

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.1	3.6	5.4



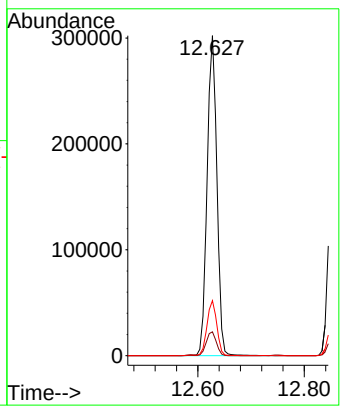


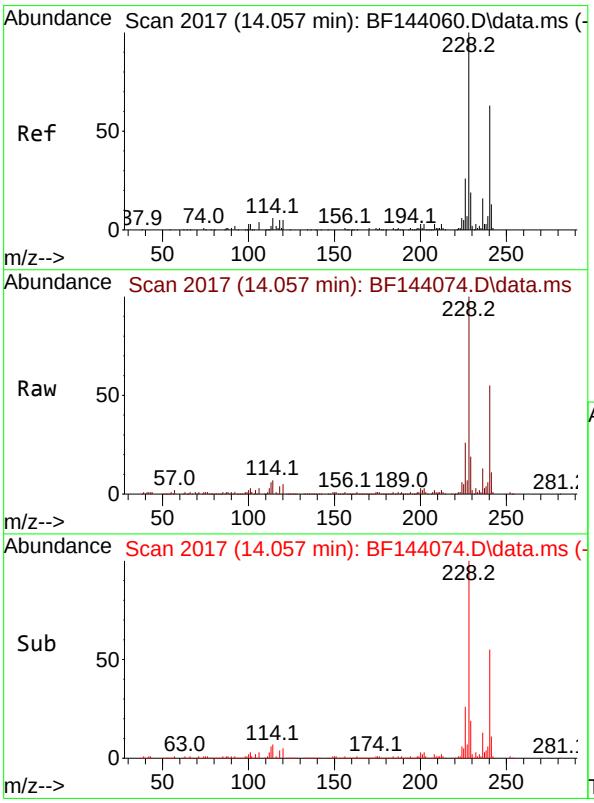
#75
Fluoranthene
Concen: 37.938 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 383968

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.7
203	17.2	0.0	37.3

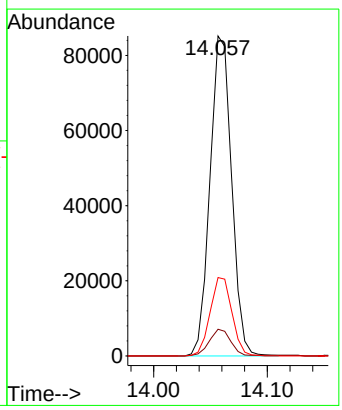


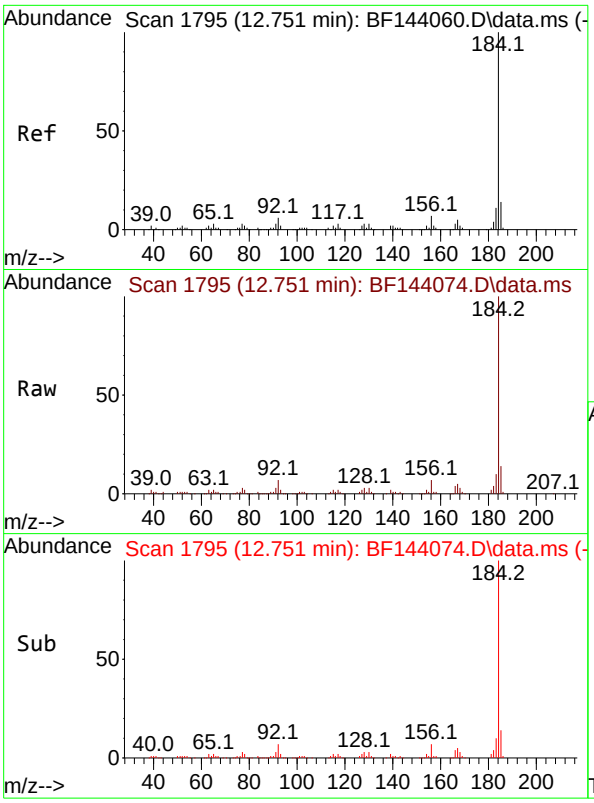


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:240 Resp: 112717

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	24.5	20.1	30.1



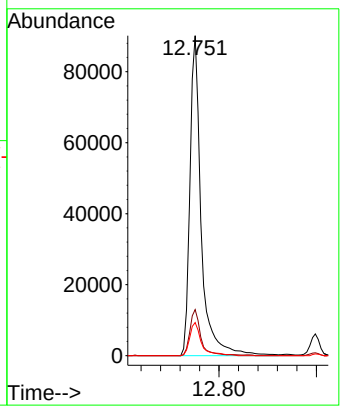


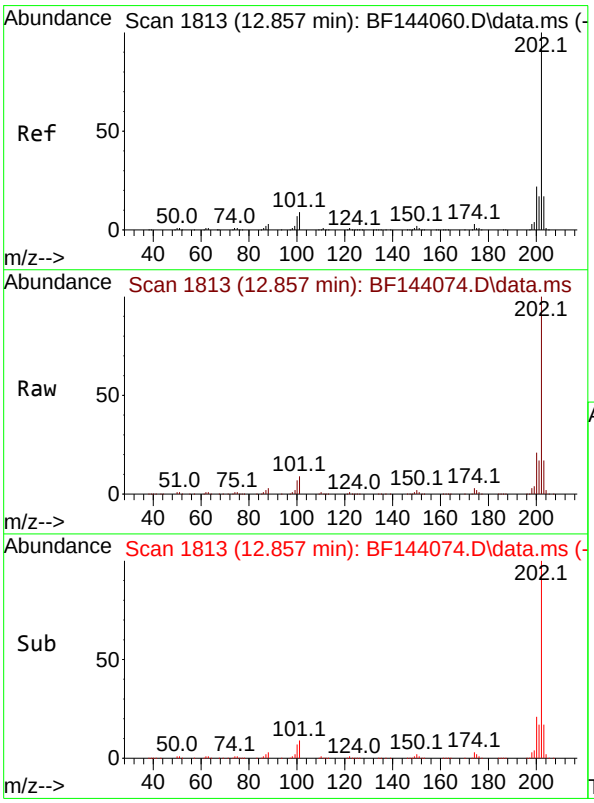
#77
Benzidine
Concen: 41.457 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 145430

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.6	17.4
183	10.3	8.5	12.7

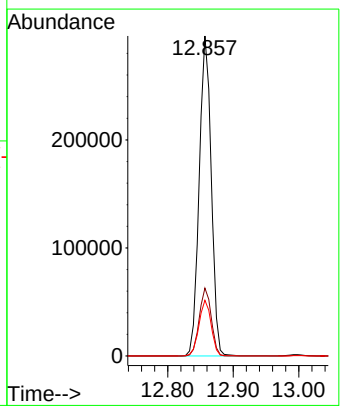


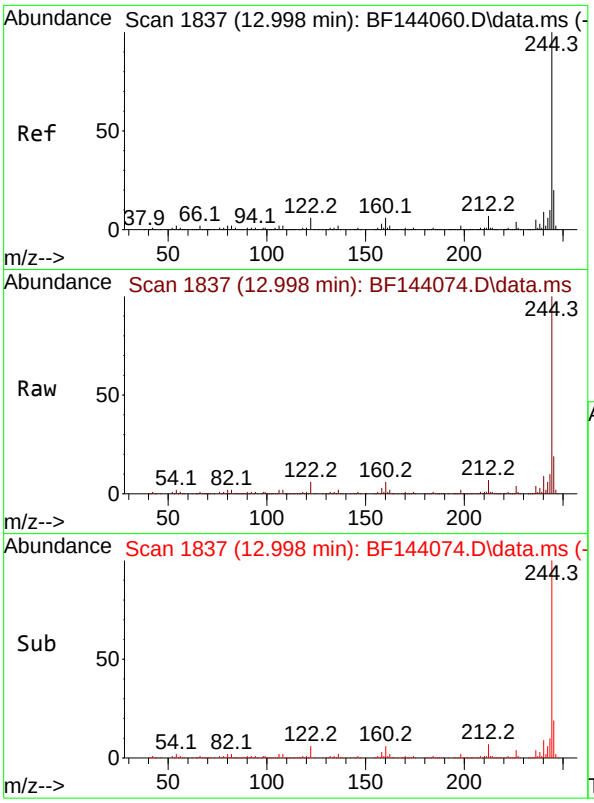


#78
Pyrene
Concen: 46.872 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:202 Resp: 379834

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.4	13.5	20.3



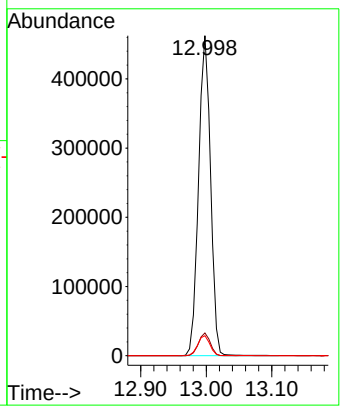


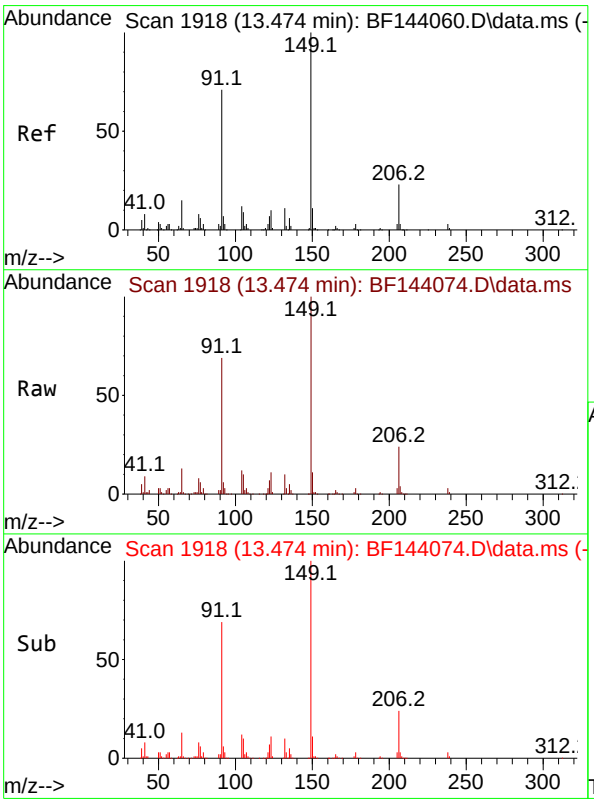
#79
Terphenyl-d14
Concen: 91.306 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 588700

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.2	4.9	7.3

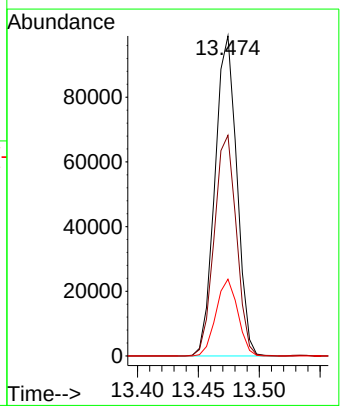


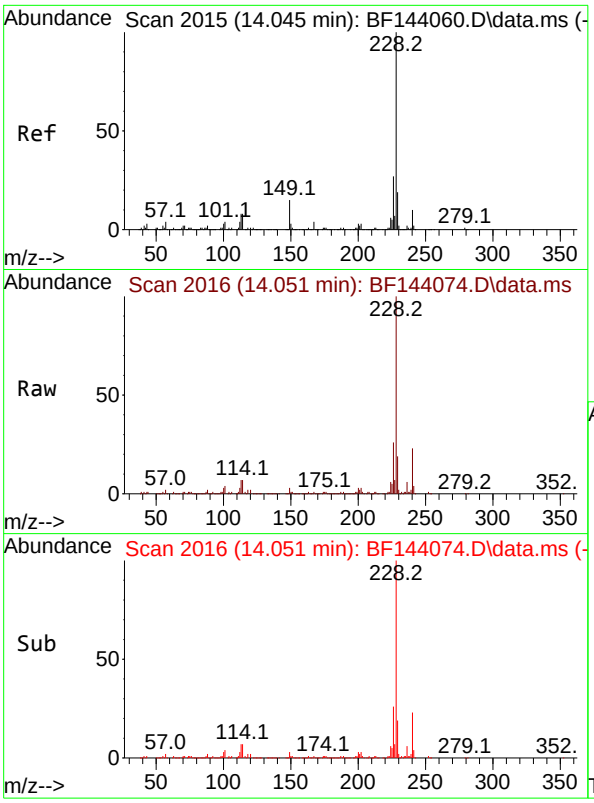


#80
Butylbenzylphthalate
Concen: 40.484 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 124111

Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.6	84.8
206	24.0	18.3	27.5



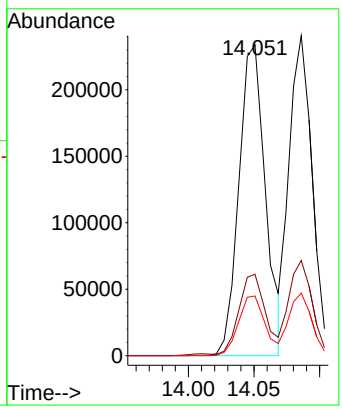


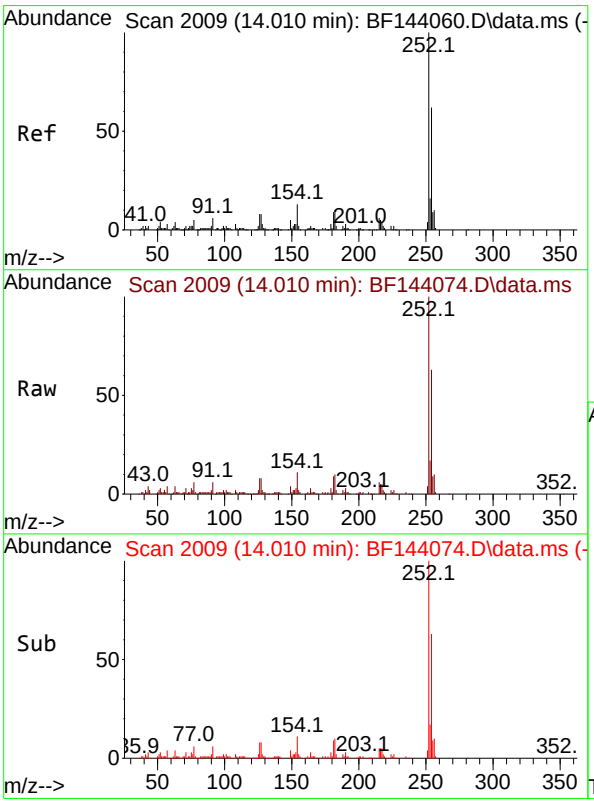
#81
Benzo(a)anthracene
Concen: 43.272 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 329626

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.4	32.2
229	19.2	15.3	22.9

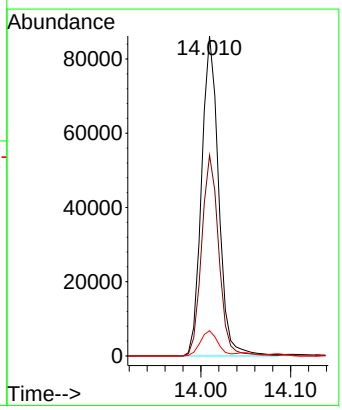


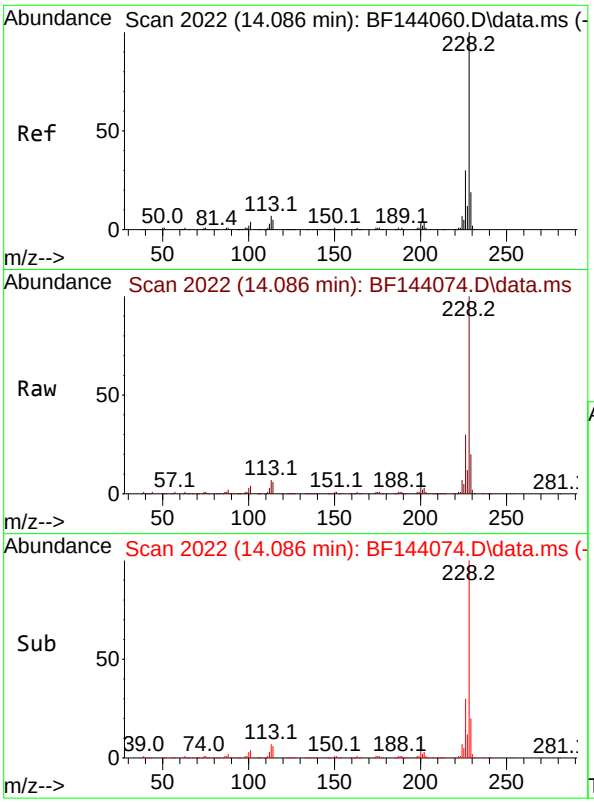


#82
3,3'-Dichlorobenzidine
Concen: 42.969 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:252 Resp: 113938

Ion	Ratio	Lower	Upper
252	100		
254	62.7	49.9	74.9
126	7.9	6.5	9.7



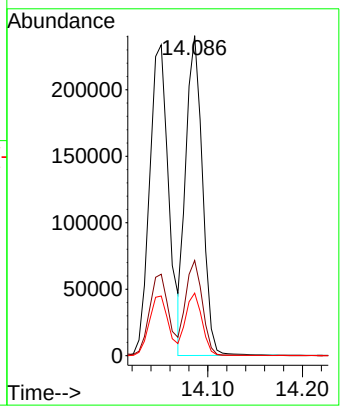


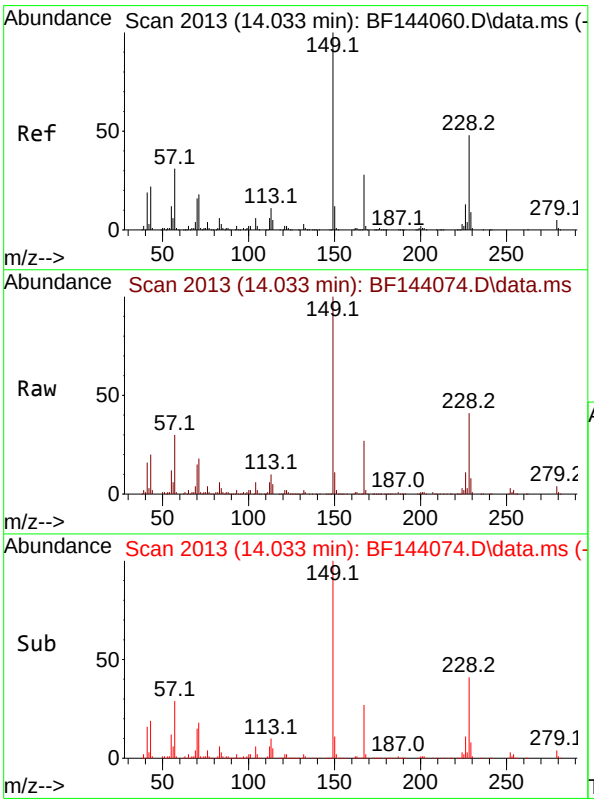
#83
Chrysene
Concen: 41.319 ng
RT: 14.086 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 295359

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.5	15.6	23.4

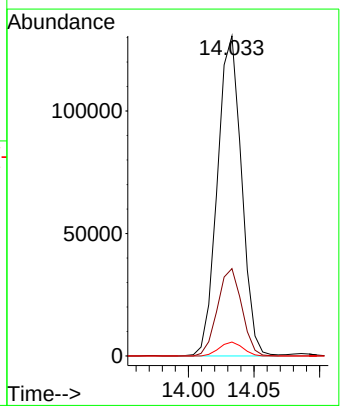


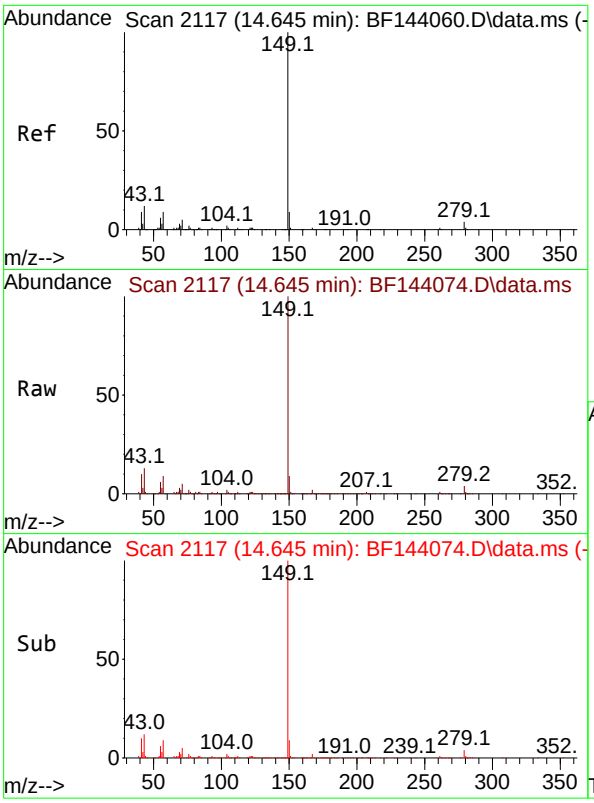


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.991 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 167373

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	4.4	3.6	5.4



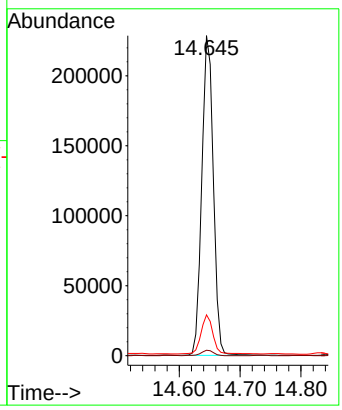


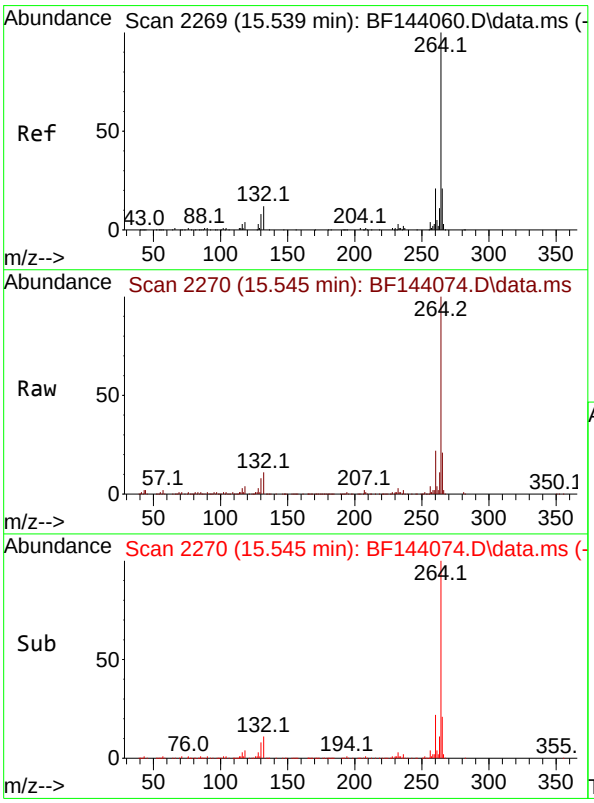
#85
Di-n-octyl phthalate
Concen: 41.585 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 299304

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	12.7	9.3	13.9

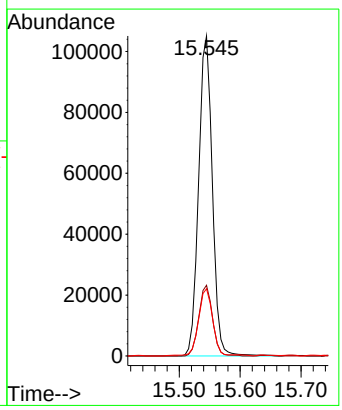


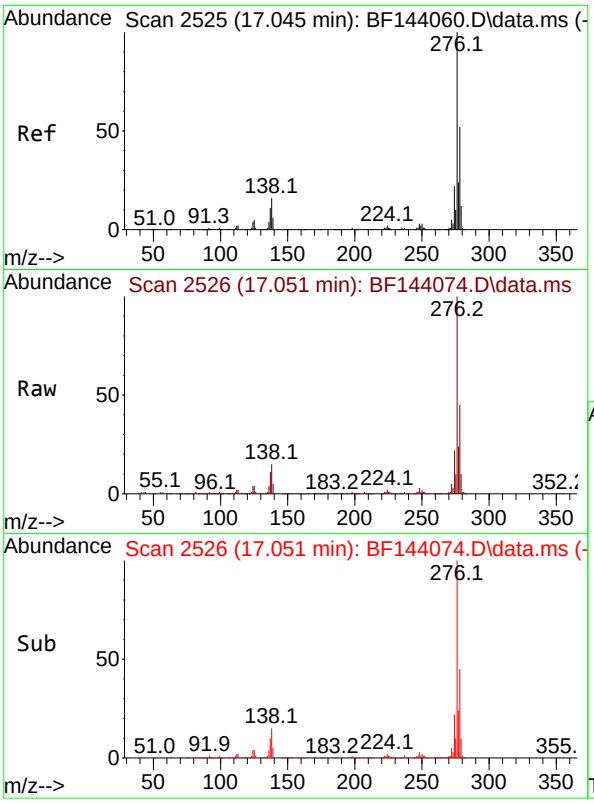


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:264 Resp: 164562

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.0	25.4
265	21.0	16.6	24.8



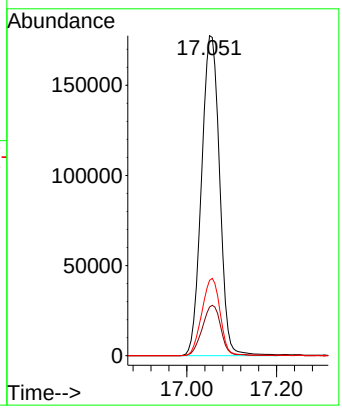


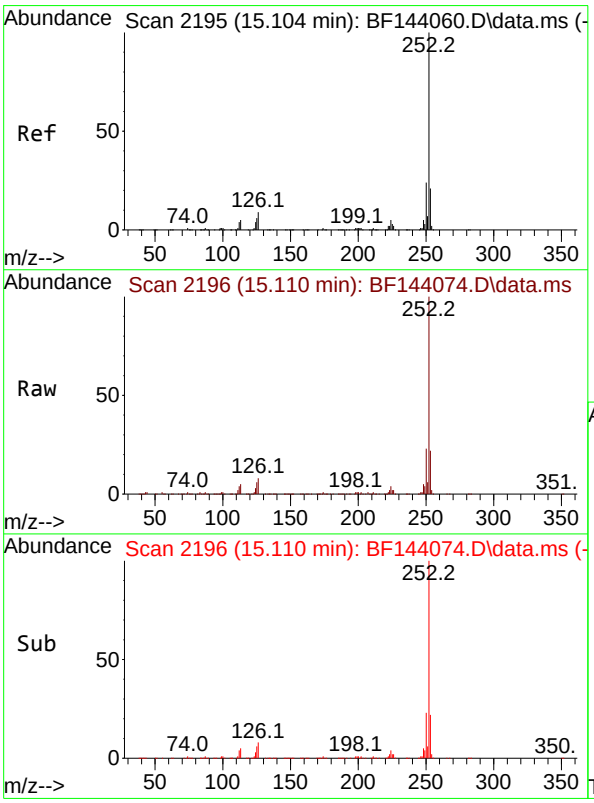
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.981 ng
RT: 17.051 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 496906

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.0	19.6
277	24.4	19.4	29.0

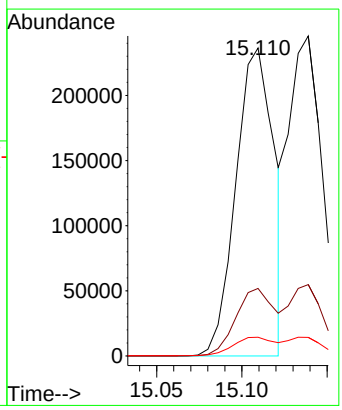


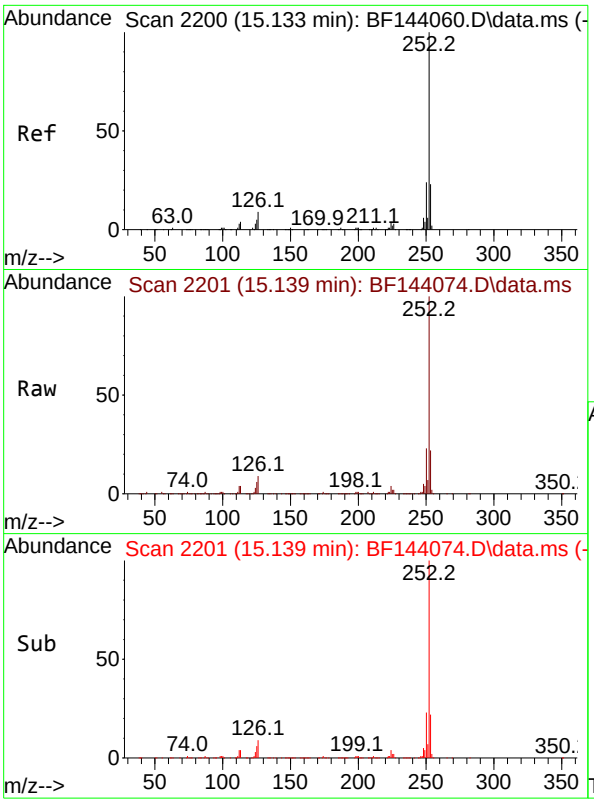


#88
Benzo(b)fluoranthene
Concen: 39.622 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:252 Resp: 368610

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	6.1	5.0	7.6



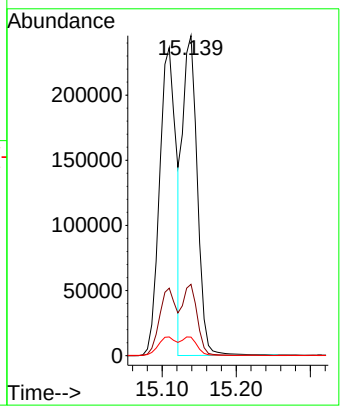


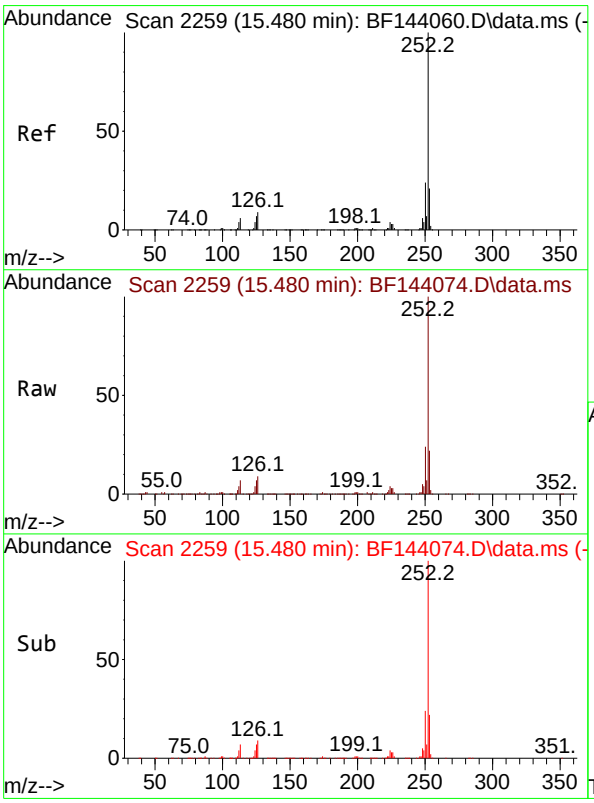
#89
Benzo(k)fluoranthene
Concen: 39.586 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 339785

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	5.8	4.9	7.3

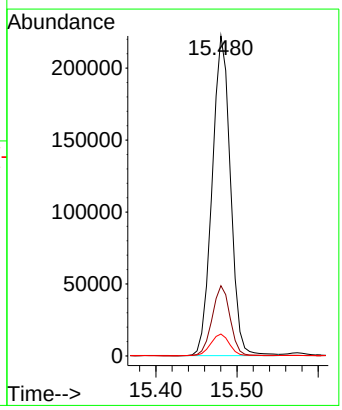


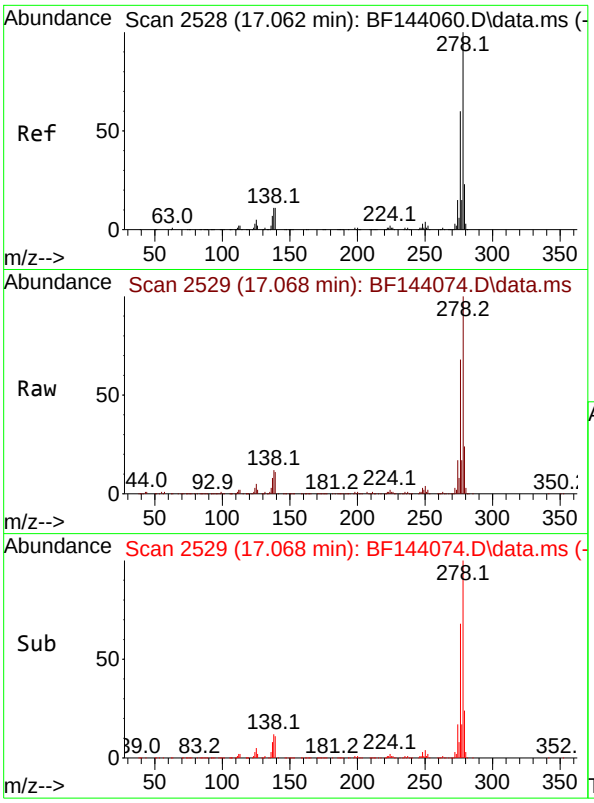


#90
Benzo(a)pyrene
Concen: 41.791 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:252 Resp: 348799

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	6.8	5.4	8.2



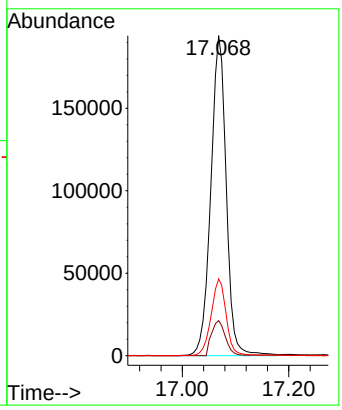


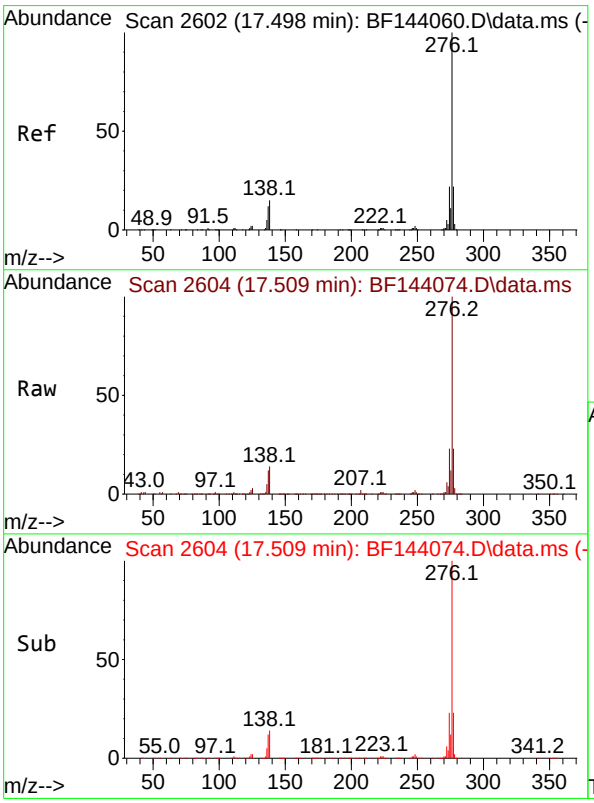
#91
Dibenzo(a,h)anthracene
Concen: 43.695 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

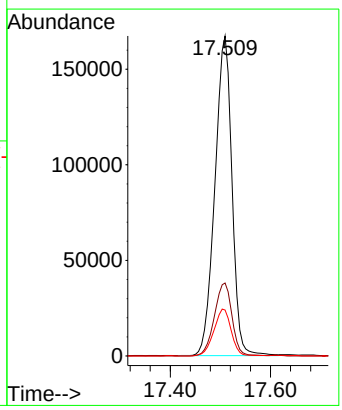
Tgt Ion:278 Resp: 390777

Ion	Ratio	Lower	Upper
278	100		
139	10.9	8.5	12.7
279	24.0	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 43.914 ng
RT: 17.509 min Scan# 2604
Delta R.T. 0.012 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:276 Resp: 394850

Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	14.3	12.0	18.0