Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141736.D
Acq On : 24 Feb 2025 10:51
Operator : RC/JU
Sample : PB166821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Quant Time: Feb 24 11:36:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	88378	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	351639	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	189657	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	317883	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	177373	20.000	ng		-0.02
86) Perylene-d12	15.380	264	170304	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	797295	141.433	ng		0.00
7) Phenol-d6	6.428	99	975957	136.975	ng		-0.01
23) Nitrobenzene-d5	7.345	82	637533	94.565	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	272092	142.816	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1222043	99.270	ng		-0.01
79) Terphenyl-d14	12.886	244	1228188	116.895	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	95823	42.234	ng		94
3) Pyridine	3.310	79	216295	40.062	ng		94
4) n-Nitrosodimethylamine	3.252	42	137139	38.361	ng		91
6) Aniline	6.446	93	236429	35.374	ng	#	80
8) 2-Chlorophenol	6.569	128	276517	45.395	ng		99
9) Benzaldehyde	6.334	77	111813	29.531	ng		95
10) Phenol	6.440	94	321873	43.404	ng		96
11) bis(2-Chloroethyl)ether	6.516	93	254694	45.725	ng		99
12) 1,3-Dichlorobenzene	6.722	146	283733	44.121	ng		97
13) 1,4-Dichlorobenzene	6.798	146	290953	44.283	ng		98
14) 1,2-Dichlorobenzene	6.951	146	279546	45.842	ng		98
15) Benzyl Alcohol	6.928	79	226881	41.524	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	390677	40.973	ng		75
17) 2-Methylphenol	7.045	107	213098	44.705	ng		98
18) Hexachloroethane	7.287	117	107799	44.333	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	185793	43.594	ng		94
20) 3+4-Methylphenols	7.198	107	271630	44.839	ng		96
22) Acetophenone	7.193	105	415750	47.529	ng		93
24) Nitrobenzene	7.369	77	279284	42.483	ng		97
25) Isophorone	7.604	82	501543	46.657	ng		98
26) 2-Nitrophenol	7.681	139	146299	44.730	ng		93
27) 2,4-Dimethylphenol	7.722	122	216779	56.735	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	309281	44.901	ng		100
29) 2,4-Dichlorophenol	7.928	162	228684	44.296	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	247120	43.957	ng		99
31) Naphthalene	8.087	128	779107	42.565	ng		100
32) Benzoic acid	7.869	122	150888	38.018	ng		98
33) 4-Chloroaniline	8.140	127	98498	15.413	ng		99
34) Hexachlorobutadiene	8.198	225	152020	45.043	ng		100
35) Caprolactam	8.551	113	27419	17.444	ng		87
36) 4-Chloro-3-methylphenol	8.634	107	240098	41.985	ng		97
37) 2-Methylnaphthalene	8.775	142	501872	42.135	ng		100
38) 1-Methylnaphthalene	8.875	142	486703	42.189	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	276726	50.433	ng		99
41) Hexachlorocyclopentadiene	8.928	237	261830	143.467	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	153510	43.287	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141736.D
Acq On : 24 Feb 2025 10:51
Operator : RC/JU
Sample : PB166821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Quant Time: Feb 24 11:36:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	166600	43.347	ng	99
46) 1,1'-Biphenyl	9.239	154	724347	49.263	ng	100
47) 2-Chloronaphthalene	9.263	162	491130	45.170	ng	99
48) 2-Nitroaniline	9.363	65	155591	42.639	ng	98
49) Acenaphthylene	9.675	152	755581	46.721	ng	99
50) Dimethylphthalate	9.539	163	576555	44.780	ng	100
51) 2,6-Dinitrotoluene	9.604	165	127409	45.267	ng	98
52) Acenaphthene	9.851	154	470618	43.285	ng	99
53) 3-Nitroaniline	9.775	138	72738	24.011	ng	97
54) 2,4-Dinitrophenol	9.892	184	142970	85.467	ng	90
55) Dibenzofuran	10.022	168	677271	42.439	ng	99
56) 4-Nitrophenol	9.957	139	163259	72.598	ng	94
57) 2,4-Dinitrotoluene	10.016	165	165419	44.147	ng	96
58) Fluorene	10.363	166	542919	43.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	143840	43.470	ng	95
60) Diethylphthalate	10.239	149	549569	43.383	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	268517	45.233	ng	97
62) 4-Nitroaniline	10.392	138	122937	39.966	ng	97
63) Azobenzene	10.516	77	523669	41.583	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	91639	41.500	ng	95
66) n-Nitrosodiphenylamine	10.475	169	473503	46.533	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	164507	46.304	ng	99
68) Hexachlorobenzene	10.910	284	173880	47.529	ng	99
69) Atrazine	11.004	200	177302	58.080	ng	99
70) Pentachlorophenol	11.116	266	170587	72.924	ng	99
71) Phenanthrene	11.328	178	778692	44.502	ng	100
72) Anthracene	11.375	178	809814	46.039	ng	100
73) Carbazole	11.533	167	673754	42.570	ng	99
74) Di-n-butylphthalate	11.863	149	811133	44.385	ng	100
75) Fluoranthene	12.510	202	756379	40.772	ng	99
77) Benzidine	12.639	184	185971	47.540	ng	99
78) Pyrene	12.739	202	752211	49.818	ng	100
80) Butylbenzylphthalate	13.357	149	257579	49.251	ng	99
81) Benzo(a)anthracene	13.927	228	530233	44.971	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	101741	30.123	ng	99
83) Chrysene	13.963	228	502163	46.126	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	310125	52.576	ng	99
85) Di-n-octyl phthalate	14.521	149	470518	55.916	ng	97
87) Indeno(1,2,3-cd)pyrene	16.821	276	561382	53.349	ng	98
88) Benzo(b)fluoranthene	14.963	252	505746	44.228	ng	99
89) Benzo(k)fluoranthene	14.992	252	387388	39.673	ng	99
90) Benzo(a)pyrene	15.321	252	435973	47.117	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	458564	53.781	ng	99
92) Benzo(g,h,i)perylene	17.251	276	446056	49.991	ng	99

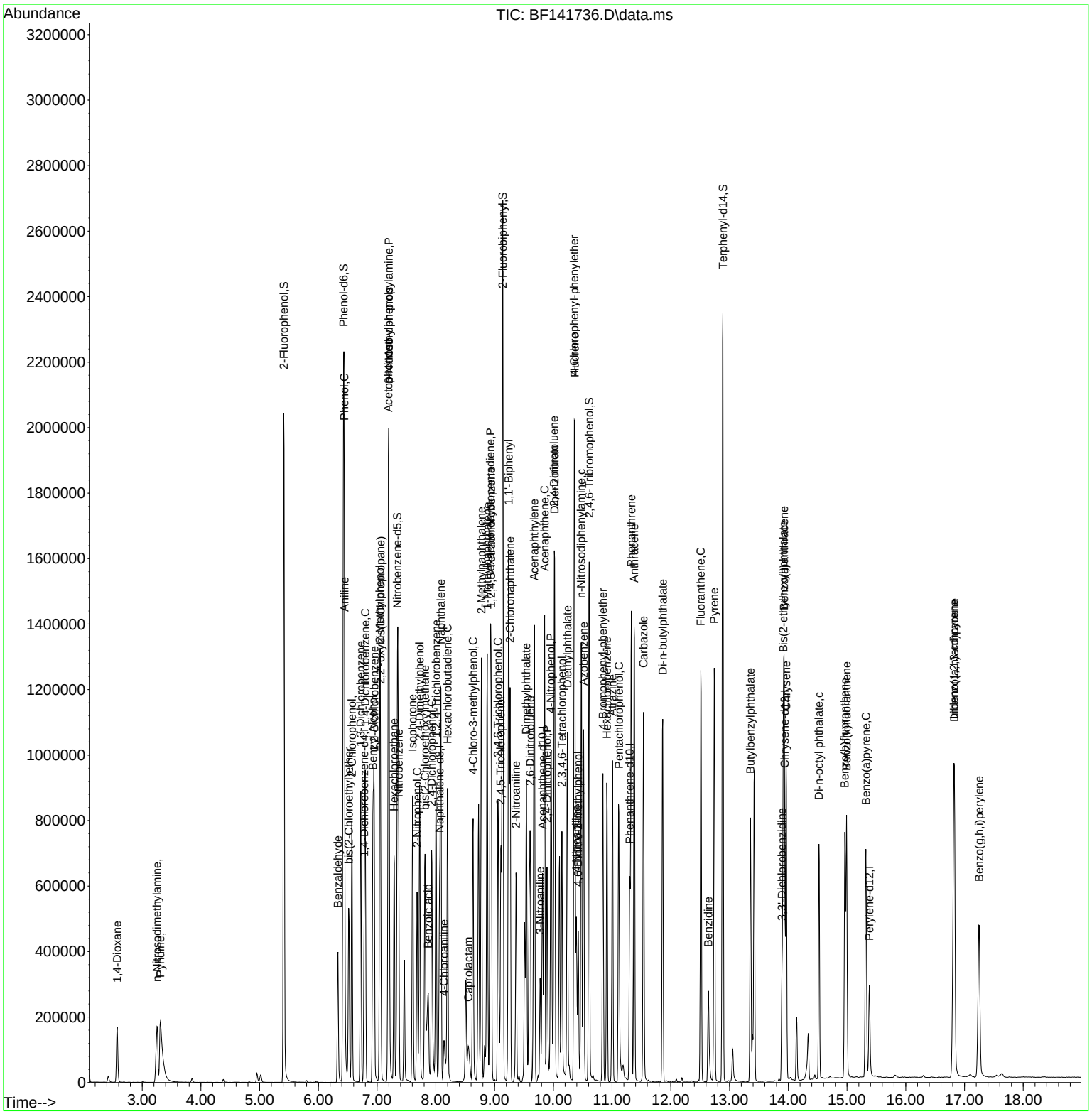
(#) = qualifier out of range (m) = manual integration (+) = signals summed

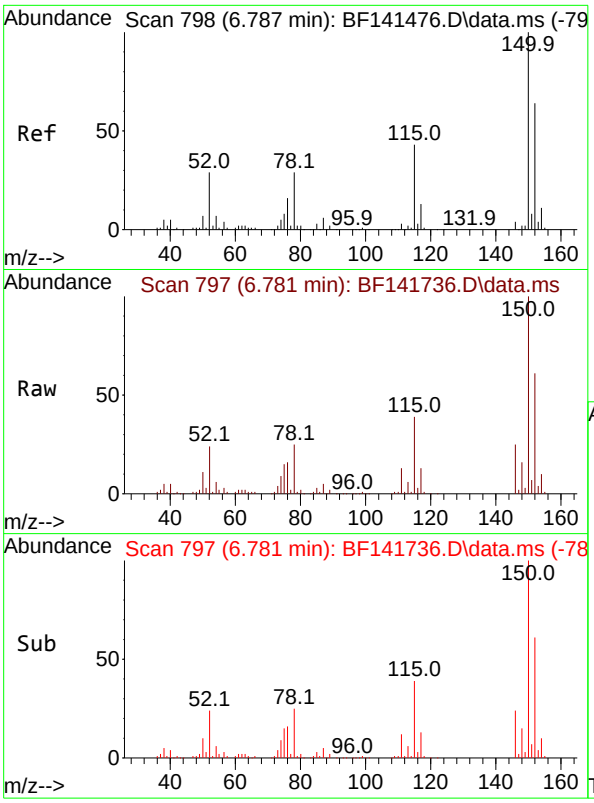
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141736.D
Acq On : 24 Feb 2025 10:51
Operator : RC/JU
Sample : PB166821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Quant Time: Feb 24 11:36:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



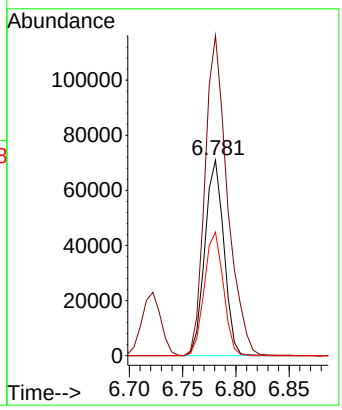


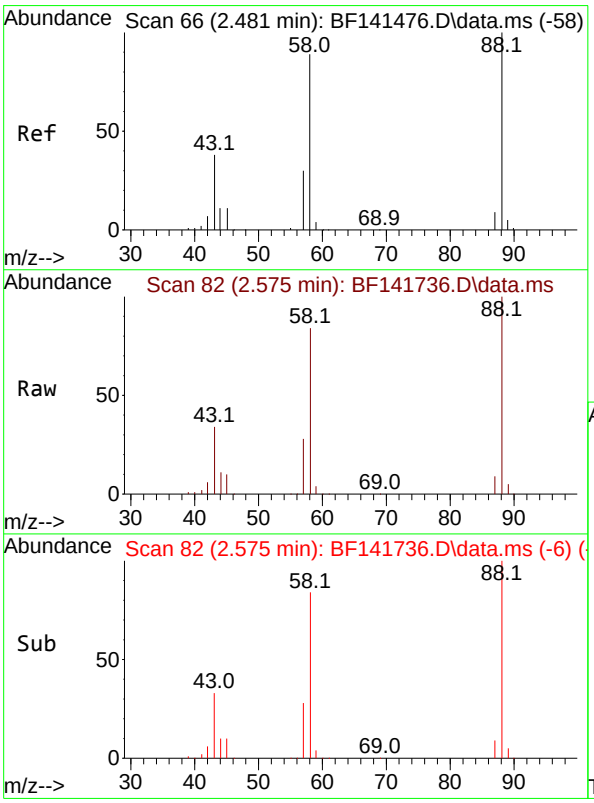
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:152 Resp: 88378

Ion	Ratio	Lower	Upper
152	100		
150	163.7	125.0	187.4
115	63.2	53.6	80.4

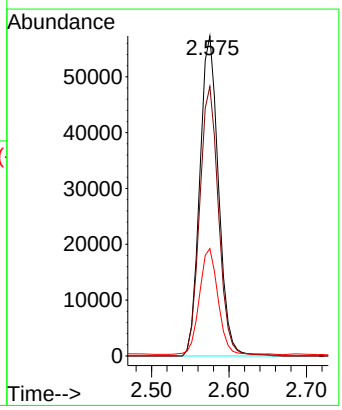


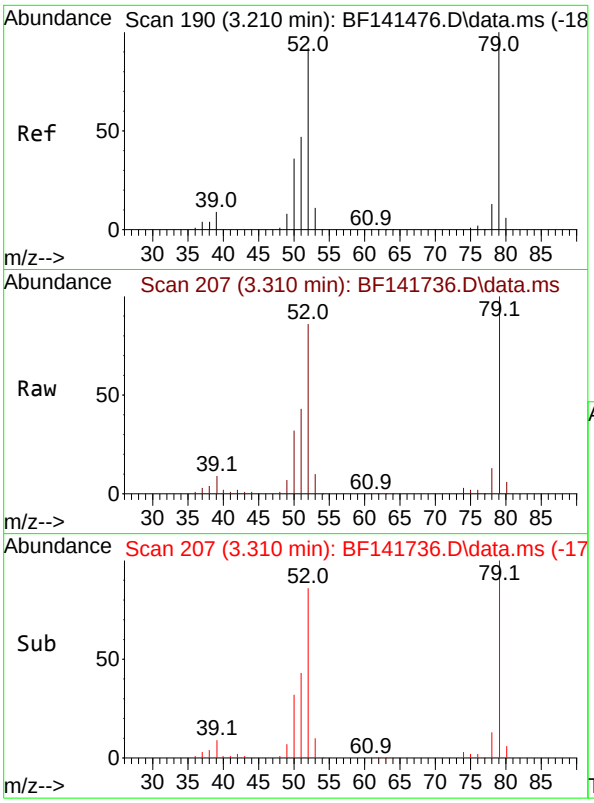


#2
1,4-Dioxane
Concen: 42.234 ng
RT: 2.575 min Scan# 82
Delta R.T. 0.094 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 88 Resp: 95823

Ion	Ratio	Lower	Upper
88	100		
58	85.2	71.1	106.7
43	32.8	30.6	46.0



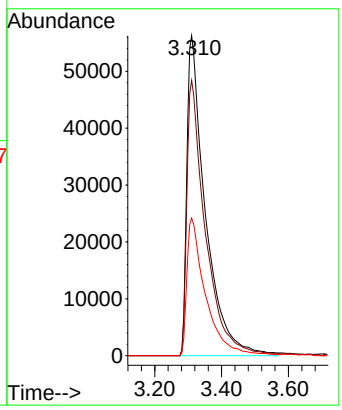


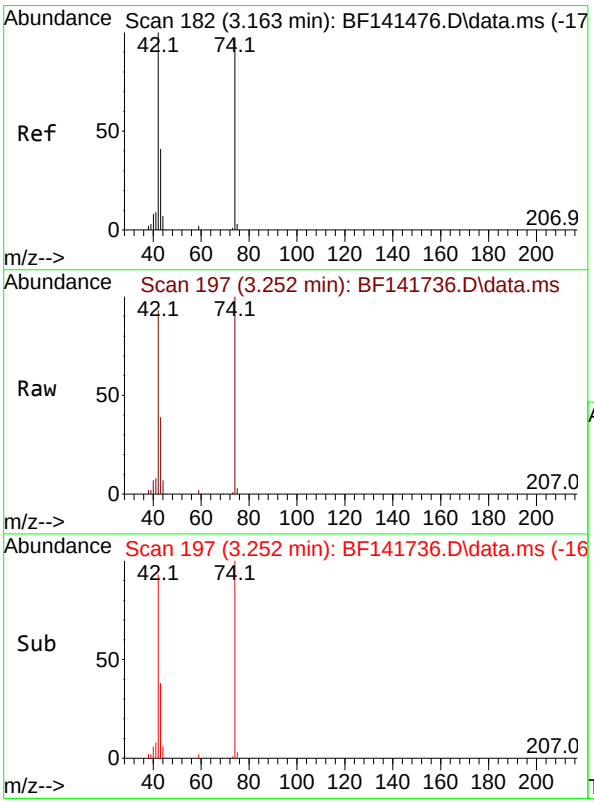
#3
Pyridine
Concen: 40.062 ng
RT: 3.310 min Scan# 2
Delta R.T. 0.094 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 79 Resp: 216295

Ion	Ratio	Lower	Upper
79	100		
52	86.0	73.7	110.5
51	43.0	37.5	56.3

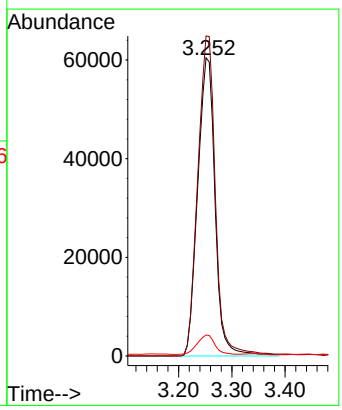


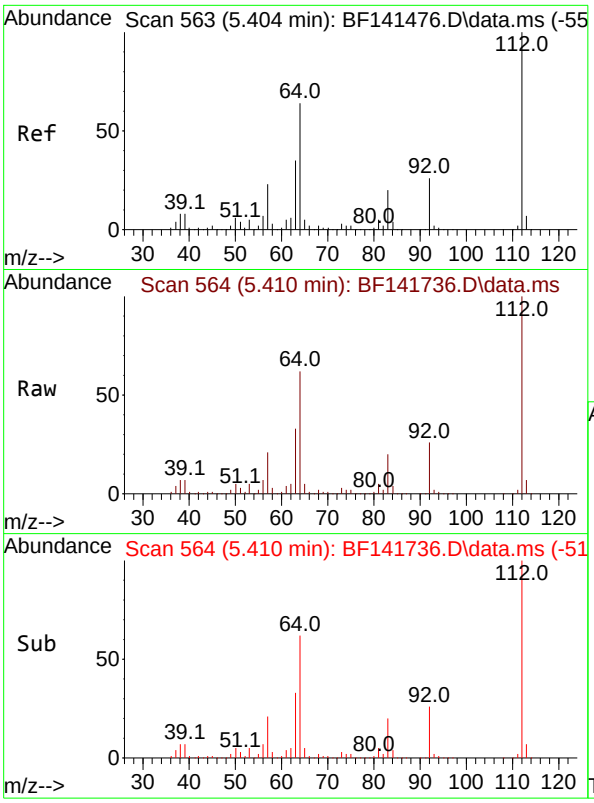


#4
n-Nitrosodimethylamine
Concen: 38.361 ng
RT: 3.252 min Scan# 197
Delta R.T. 0.065 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 42 Resp: 137139

Ion	Ratio	Lower	Upper
42	100		
74	107.4	78.0	117.0
44	7.0	5.4	8.2



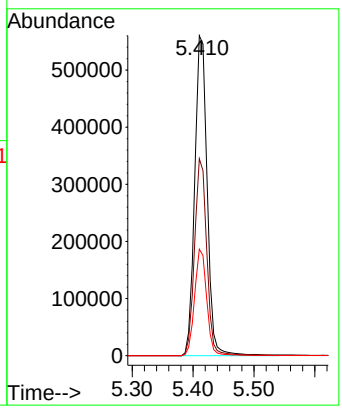


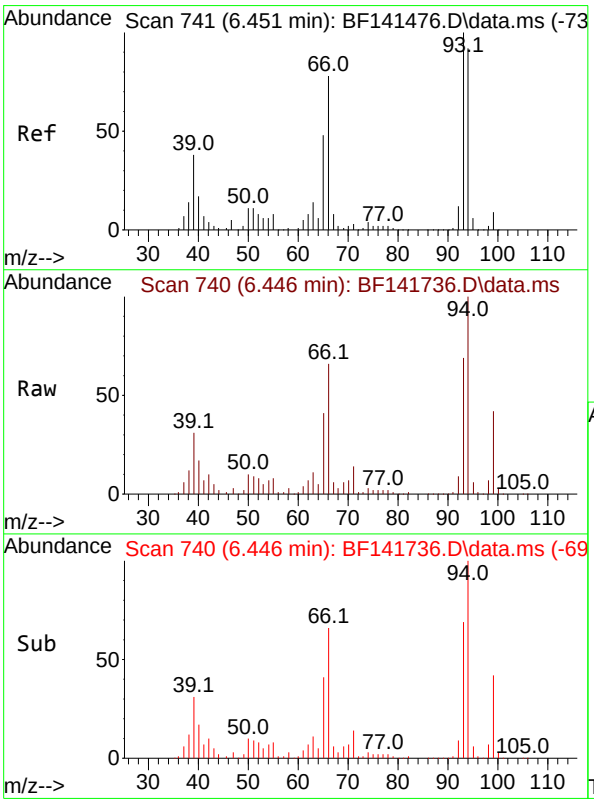
#5
2-Fluorophenol
Concen: 141.433 ng
RT: 5.410 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:112 Resp: 797295

Ion	Ratio	Lower	Upper
112	100		
64	61.5	51.1	76.7
63	33.3	28.4	42.6

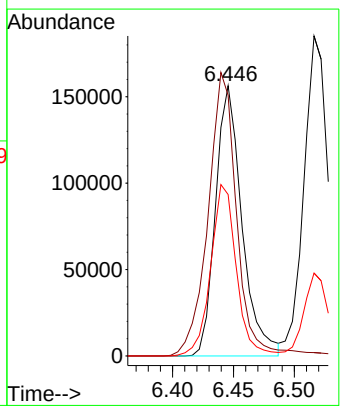


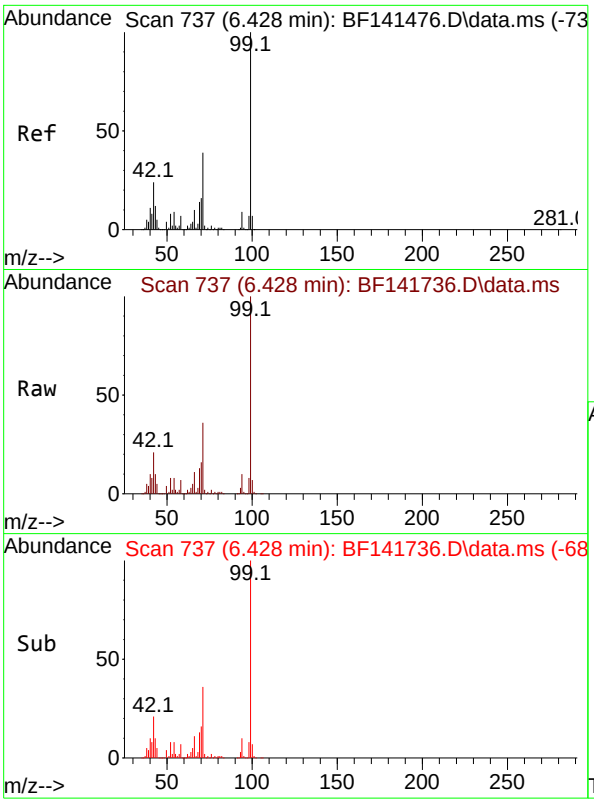


#6
Aniline
Concen: 35.374 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 93 Resp: 236429

Ion	Ratio	Lower	Upper
93	100		
66	96.5	62.6	94.0#
65	59.7	38.3	57.5#



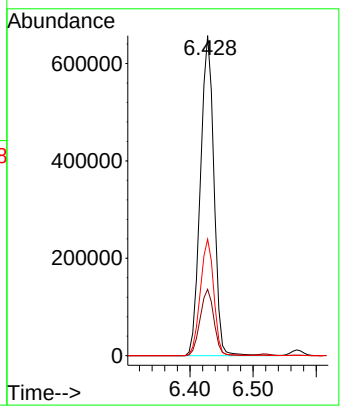


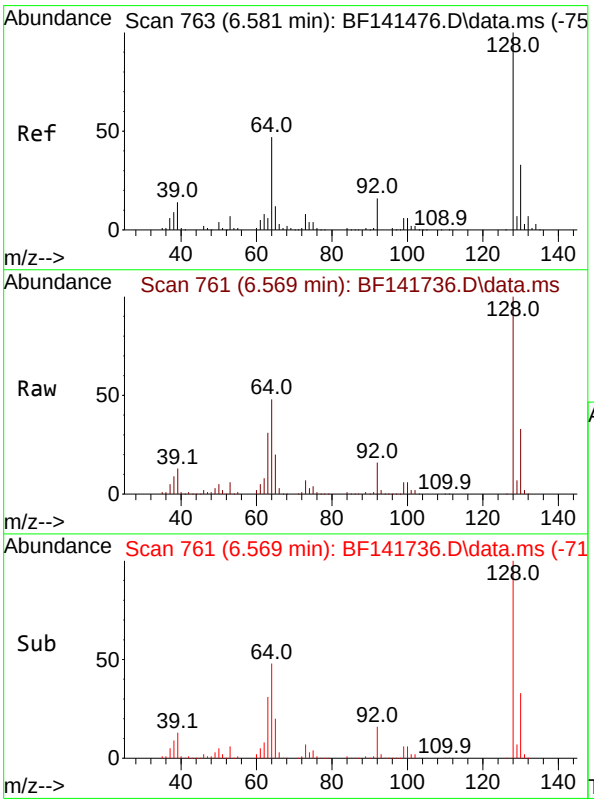
#7
Phenol-d6
Concen: 136.975 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 99 Resp: 975957

Ion	Ratio	Lower	Upper
99	100		
42	20.8	19.1	28.7
71	36.4	31.1	46.7

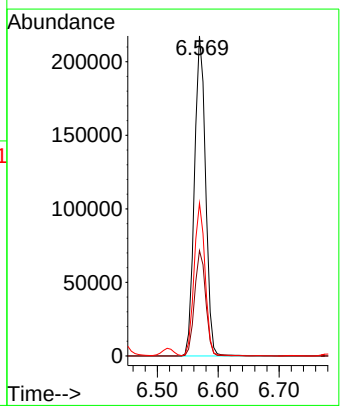


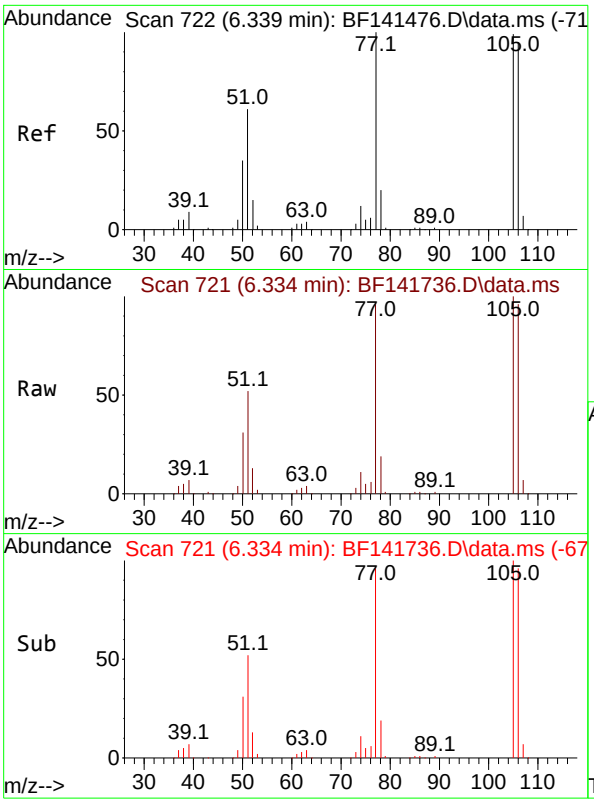


#8
2-Chlorophenol
Concen: 45.395 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:128 Resp: 276517

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	47.8	28.3	68.3



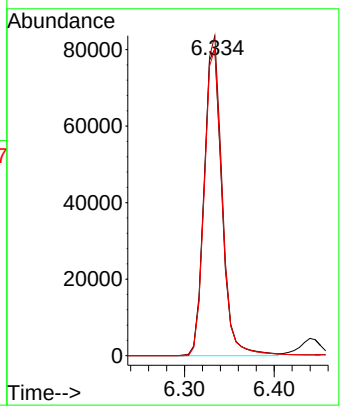


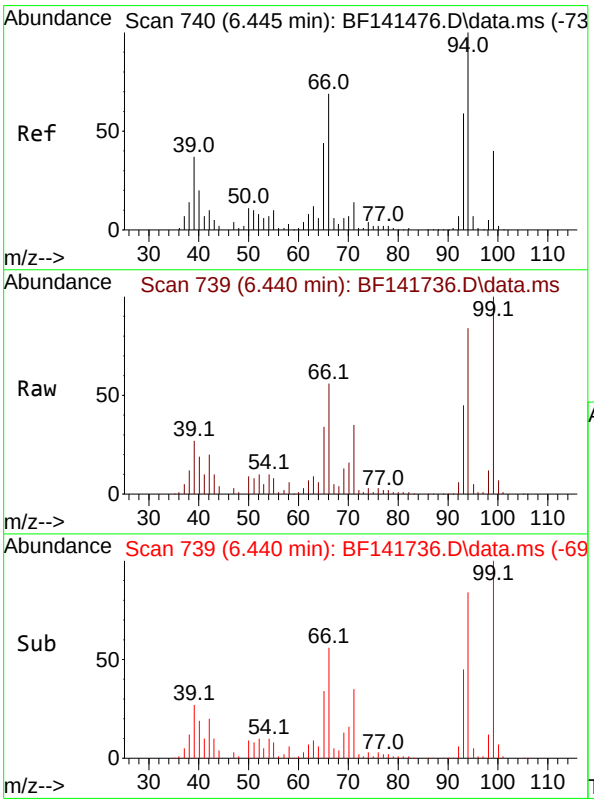
#9
Benzaldehyde
Concen: 29.531 ng
RT: 6.334 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 77 Resp: 111813

Ion	Ratio	Lower	Upper
77	100		
105	104.2	79.4	119.4
106	99.9	75.1	115.1

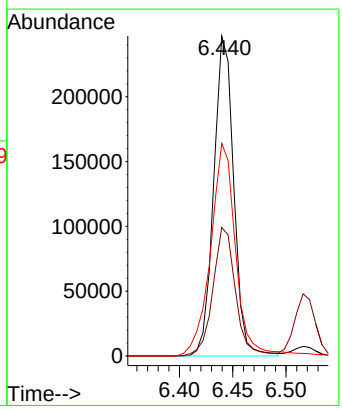


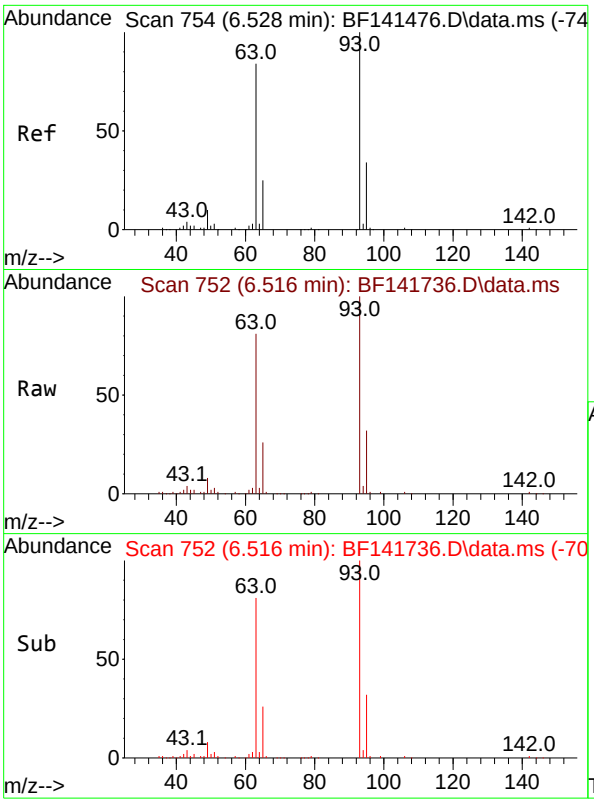


#10
Phenol
Concen: 43.404 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 94 Resp: 321873

Ion	Ratio	Lower	Upper
94	100		
65	40.2	23.7	63.7
66	66.4	49.3	89.3



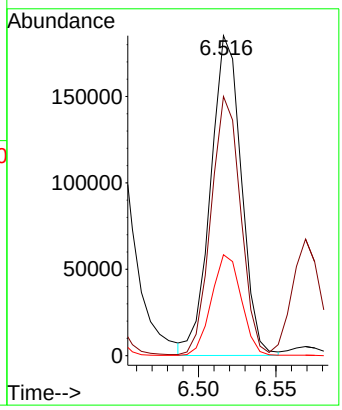


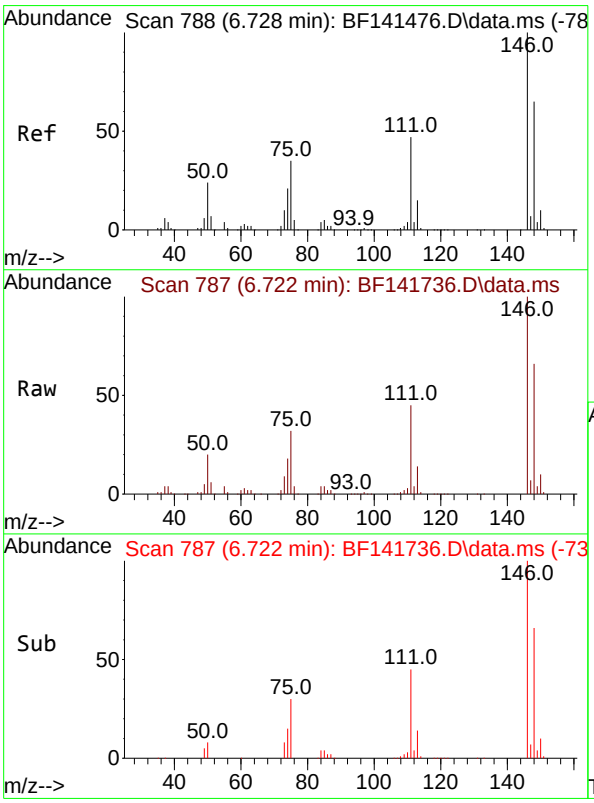
#11
bis(2-Chloroethyl)ether
Concen: 45.725 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 93 Resp: 254694

Ion	Ratio	Lower	Upper
93	100		
63	81.0	62.0	102.0
95	31.6	12.6	52.6

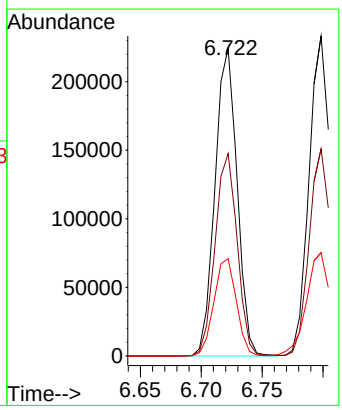


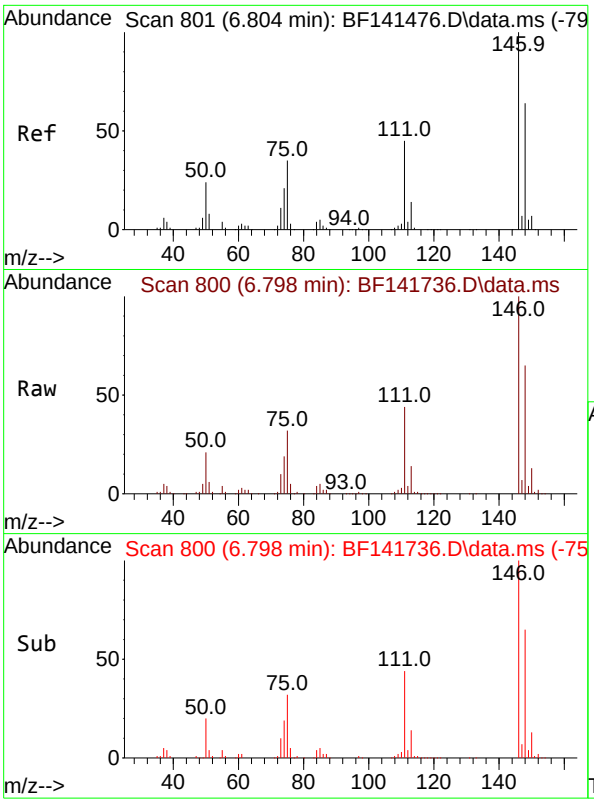


#12
1,3-Dichlorobenzene
Concen: 44.121 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:146 Resp: 283733

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
75	31.6	28.2	42.2



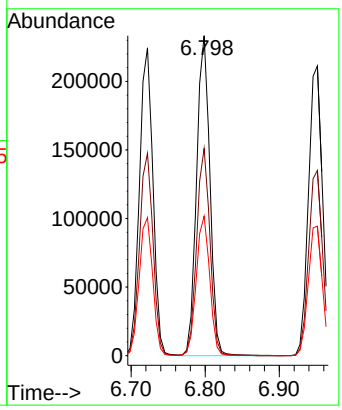


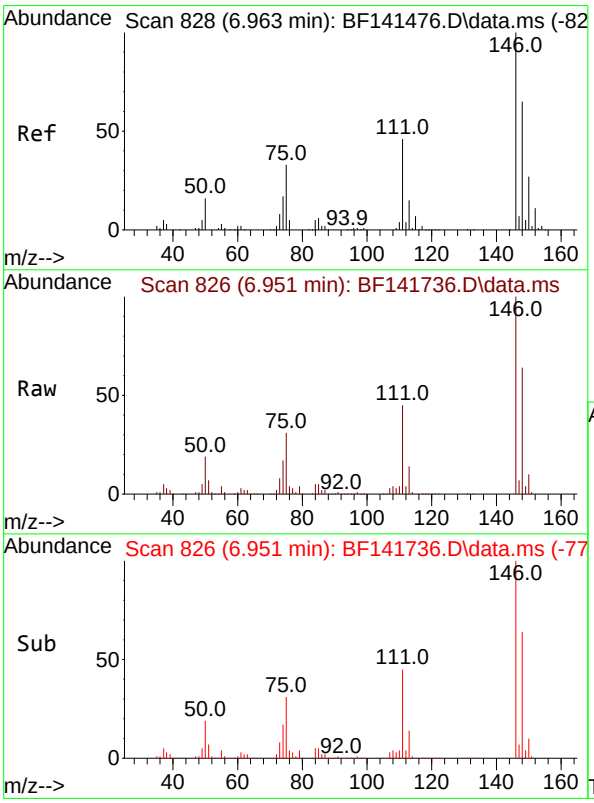
#13
1,4-Dichlorobenzene
Concen: 44.283 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:146 Resp: 290953

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
111	43.6	35.9	53.9

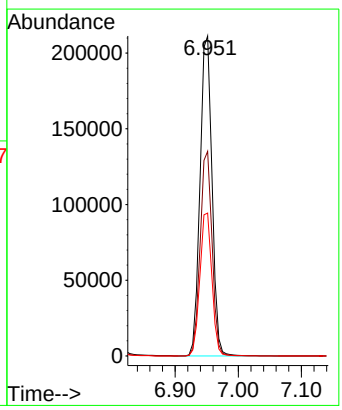


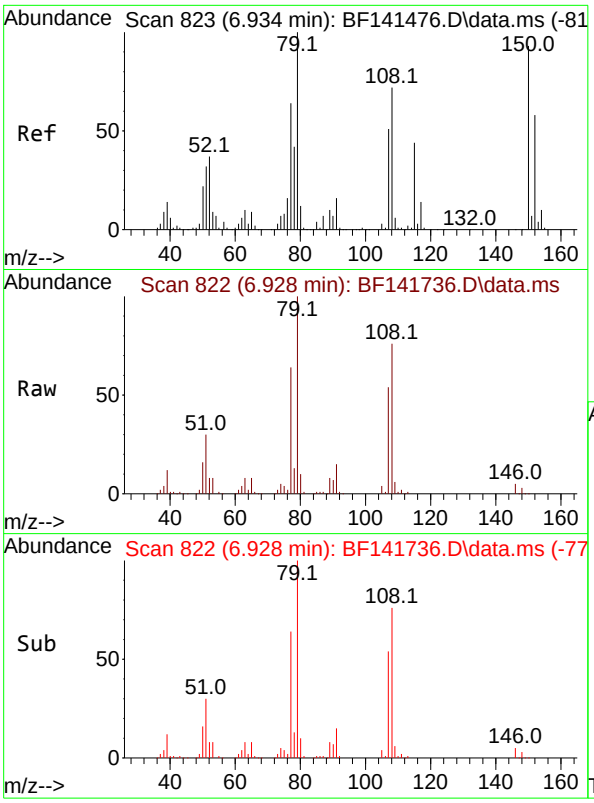


#14
1,2-Dichlorobenzene
Concen: 45.842 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:146 Resp: 279546

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	44.7	37.0	55.4



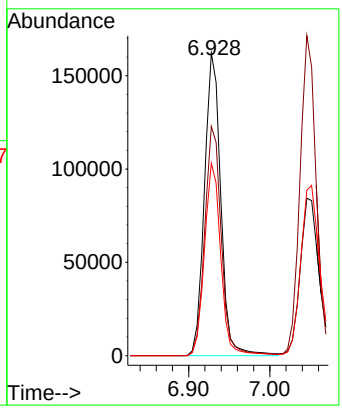


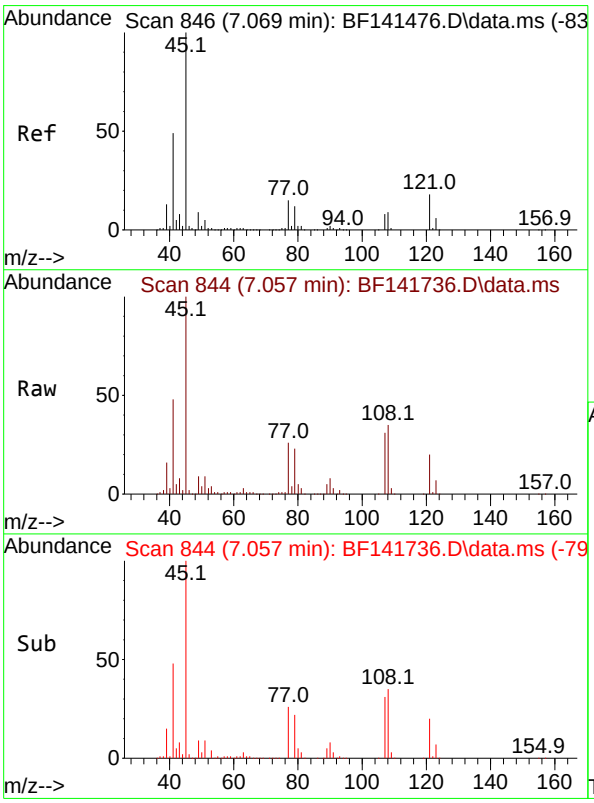
#15
Benzyl Alcohol
Concen: 41.524 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 79 Resp: 226881

Ion	Ratio	Lower	Upper
79	100		
108	75.7	57.4	86.2
77	63.6	50.9	76.3

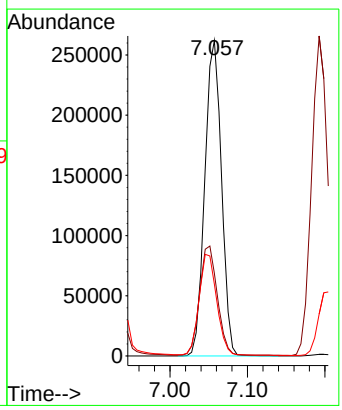


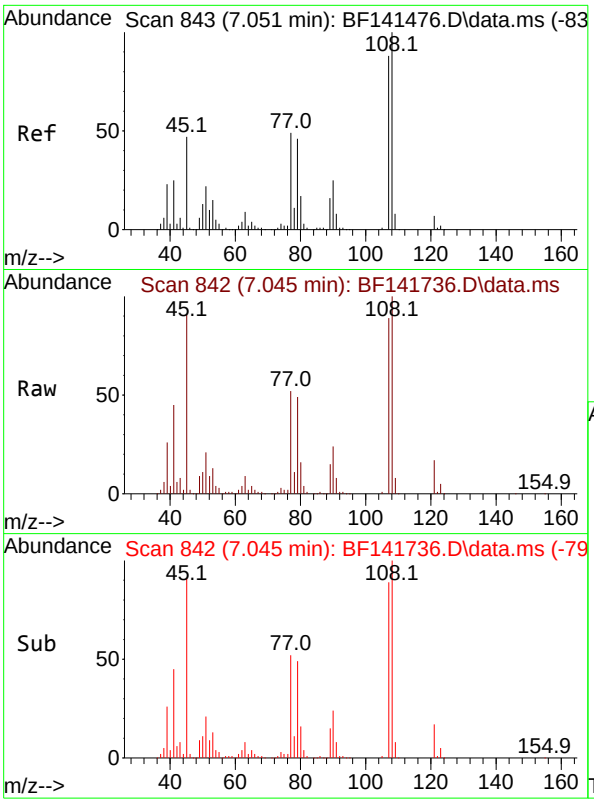


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.973 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 45 Resp: 390677

Ion	Ratio	Lower	Upper
45	100		
77	26.2	0.0	35.8
79	22.8	0.0	32.7



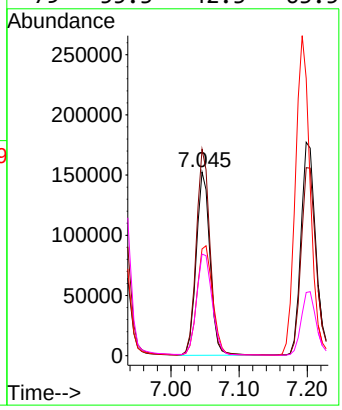


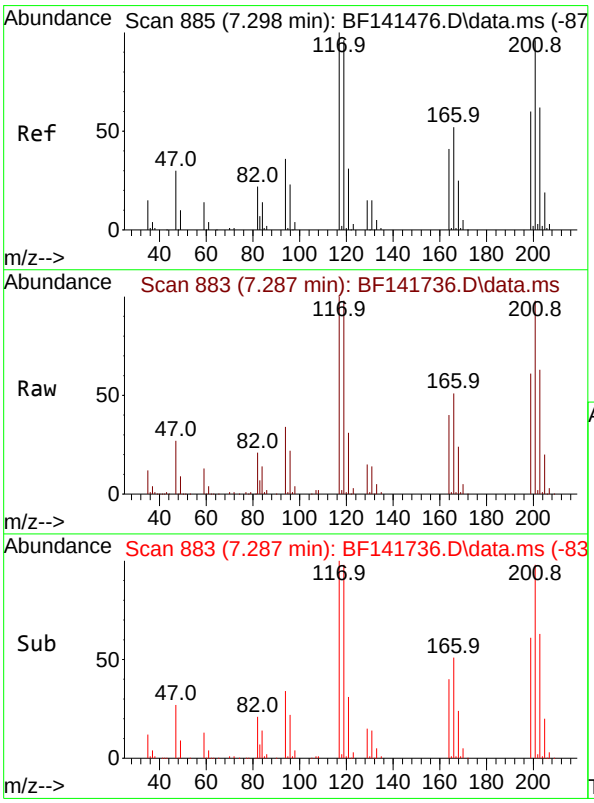
#17
2-Methylphenol
Concen: 44.705 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:107 Resp: 213098

Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.6	136.0
77	58.1	44.4	66.6
79	55.3	42.3	63.5

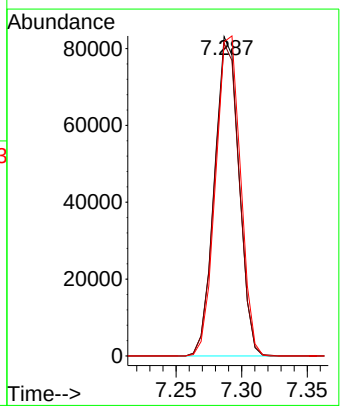


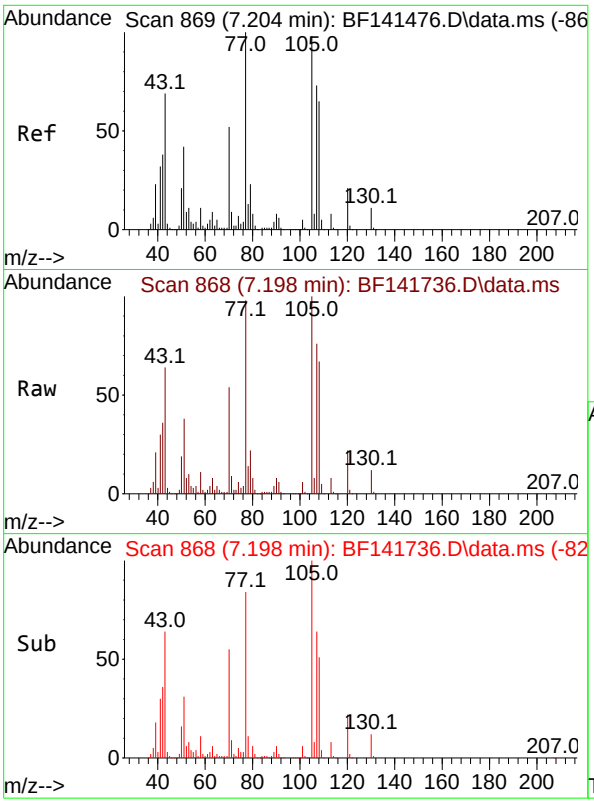


#18
Hexachloroethane
Concen: 44.333 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:117 Resp: 107799

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.5	114.7
201	98.4	76.7	115.1



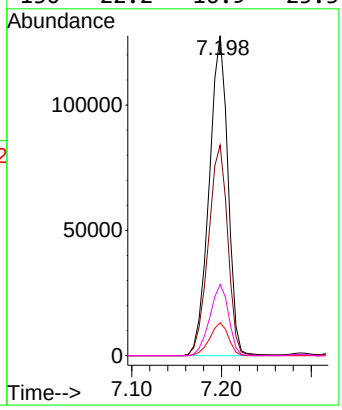


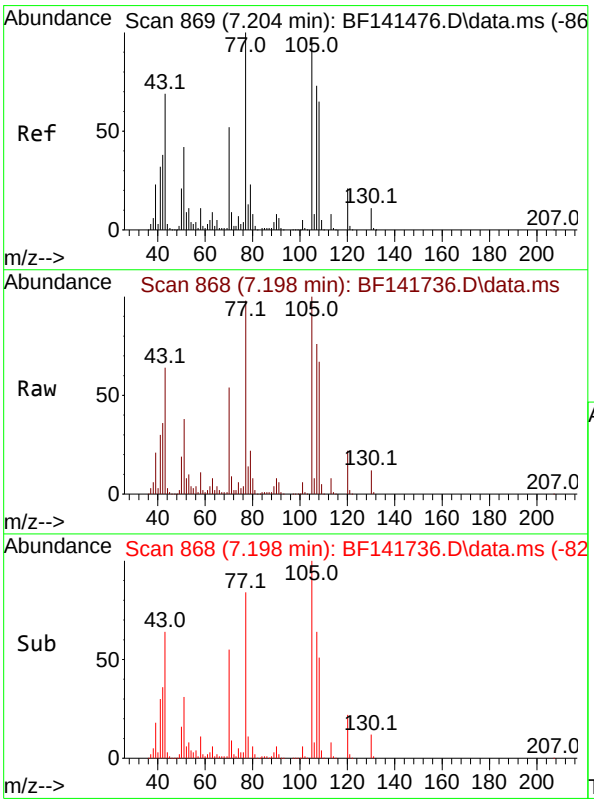
#19
n-Nitroso-di-n-propylamine
Concen: 43.594 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 70 Resp: 185793

Ion	Ratio	Lower	Upper
70	100		
42	65.8	57.4	86.2
101	10.3	8.0	12.0
130	22.2	16.9	25.3

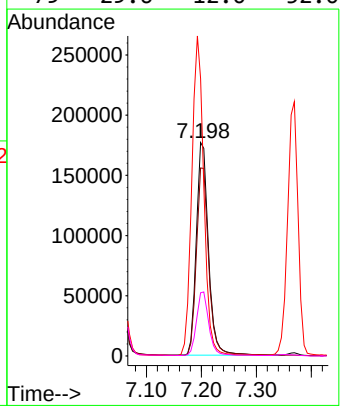


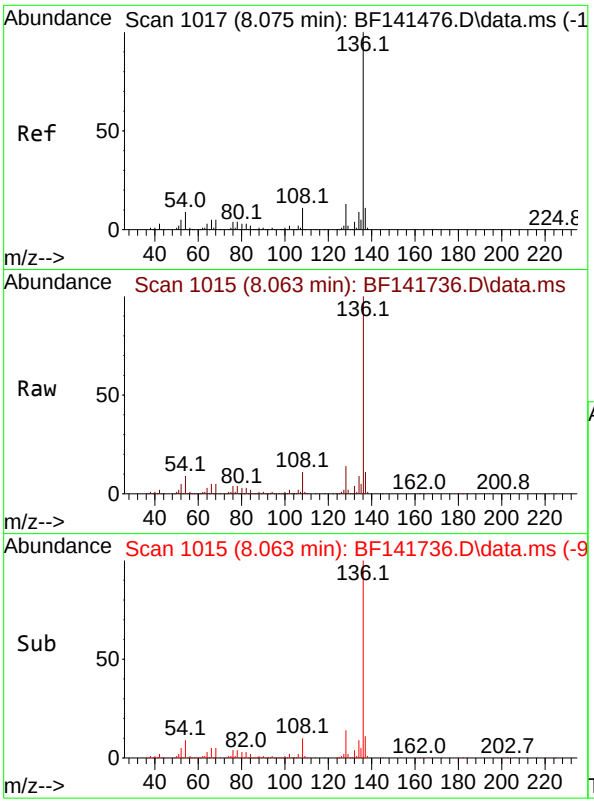


#20
3+4-Methylphenols
Concen: 44.839 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:107 Resp: 271630

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.5	108.5
77	129.9	116.5	156.5
79	29.6	12.0	52.0



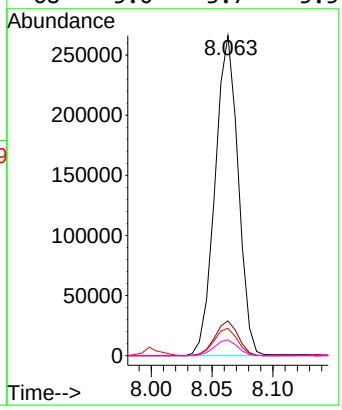


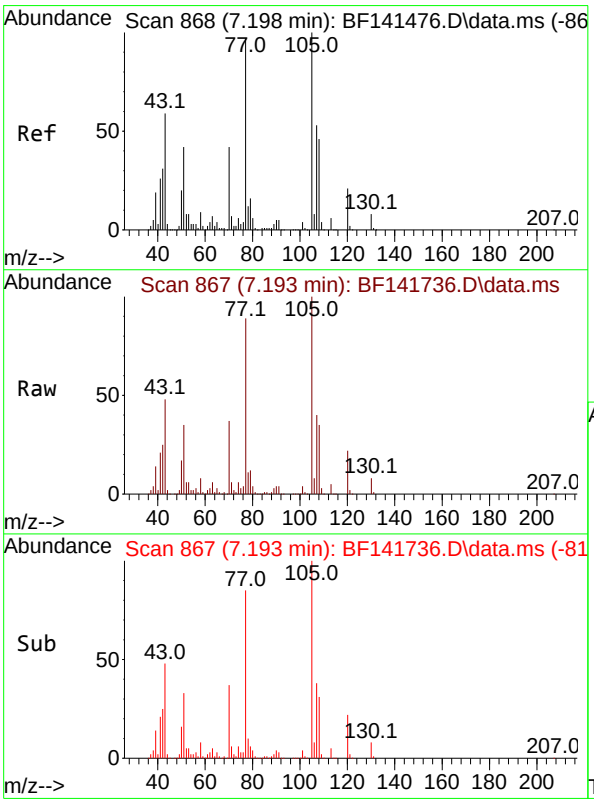
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:136 Resp: 351639

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	7.2	10.8
68	5.0	3.7	5.5

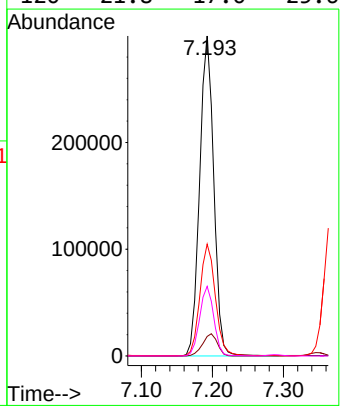


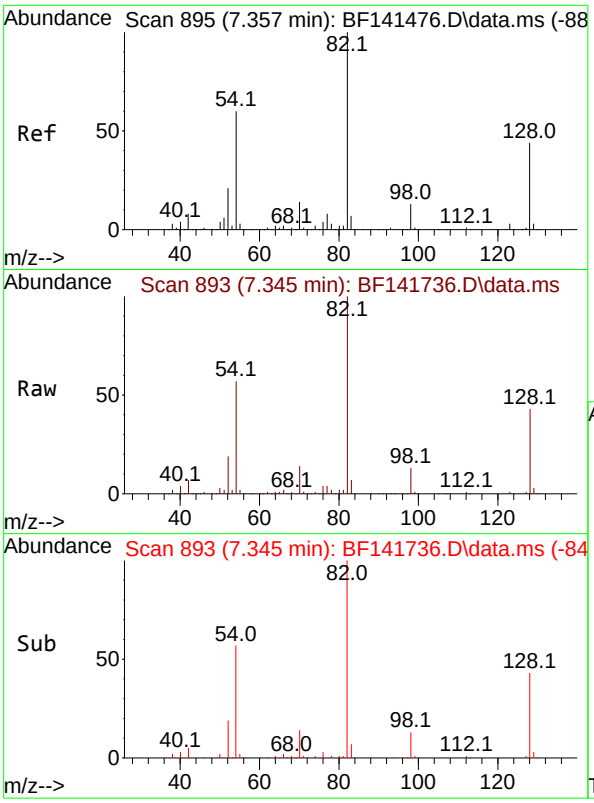


#22
Acetophenone
Concen: 47.529 ng
RT: 7.193 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:105 Resp: 415750

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.7	8.5
51	35.0	33.7	50.5
120	21.8	17.0	25.6



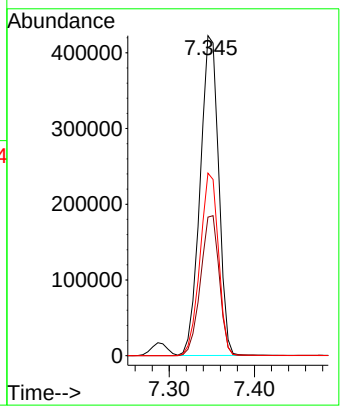


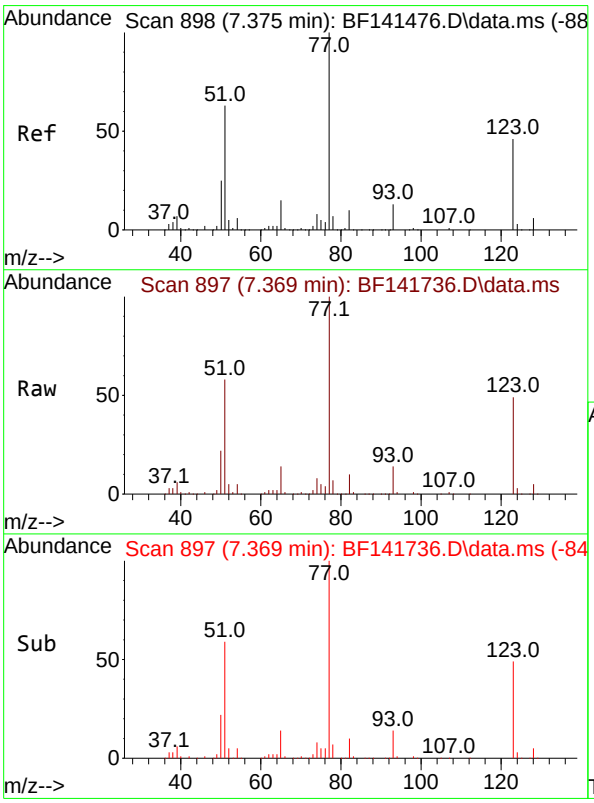
#23
Nitrobenzene-d5
Concen: 94.565 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 82 Resp: 637533

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.8	52.2
54	57.1	48.2	72.4

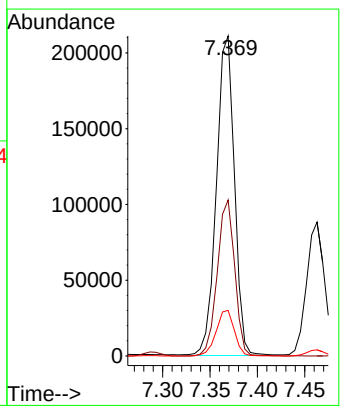


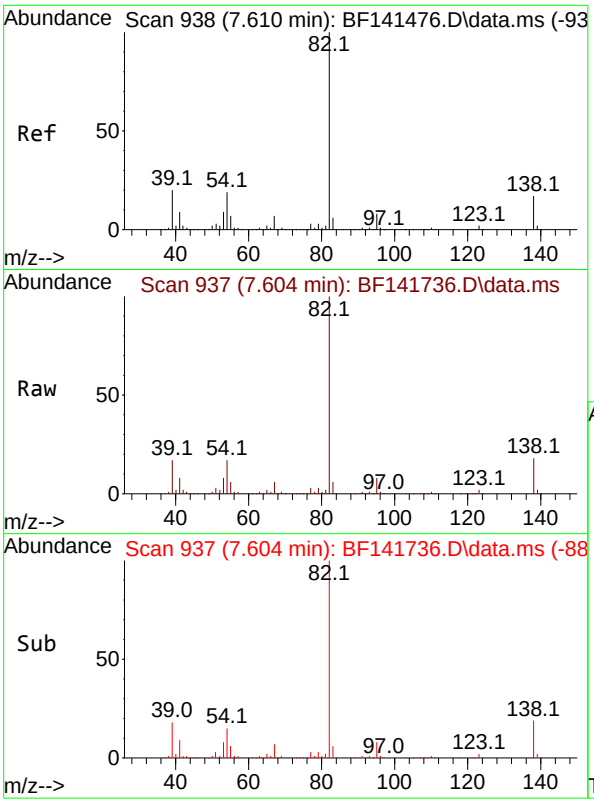


#24
Nitrobenzene
Concen: 42.483 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 77 Resp: 279284

Ion	Ratio	Lower	Upper
77	100		
123	48.8	36.9	55.3
65	14.2	11.9	17.9



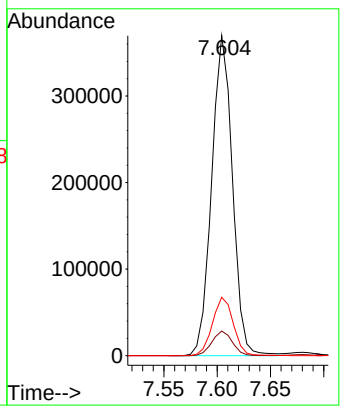


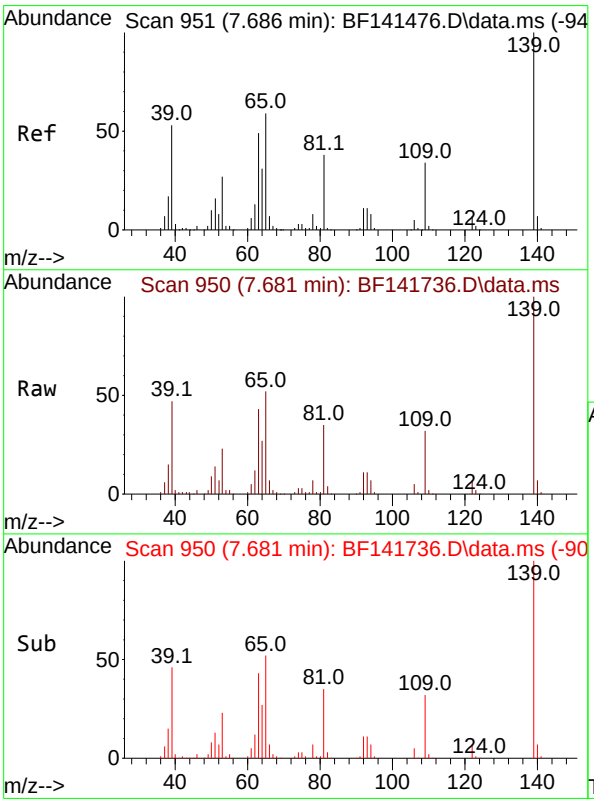
#25
Isophorone
Concen: 46.657 ng
RT: 7.604 min Scan# 9
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 82 Resp: 501543

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.2	13.9	20.9

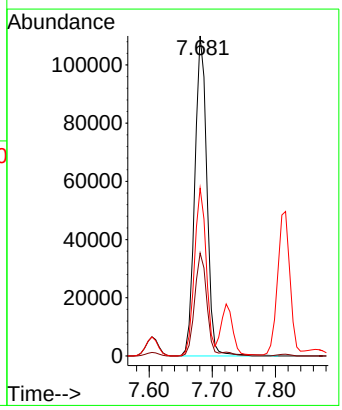


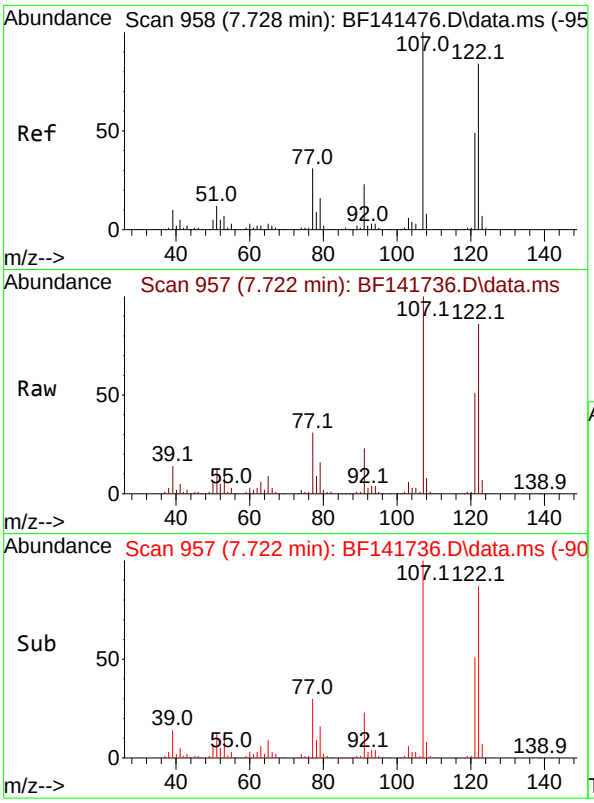


#26
2-Nitrophenol
Concen: 44.730 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:139 Resp: 146299

Ion	Ratio	Lower	Upper
139	100		
109	32.2	27.0	40.6
65	52.4	47.1	70.7



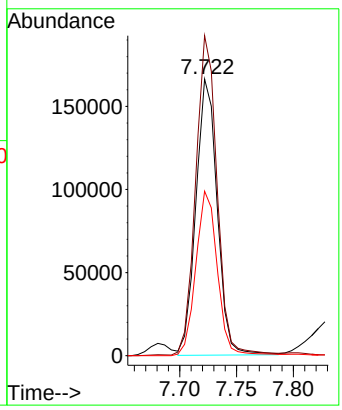


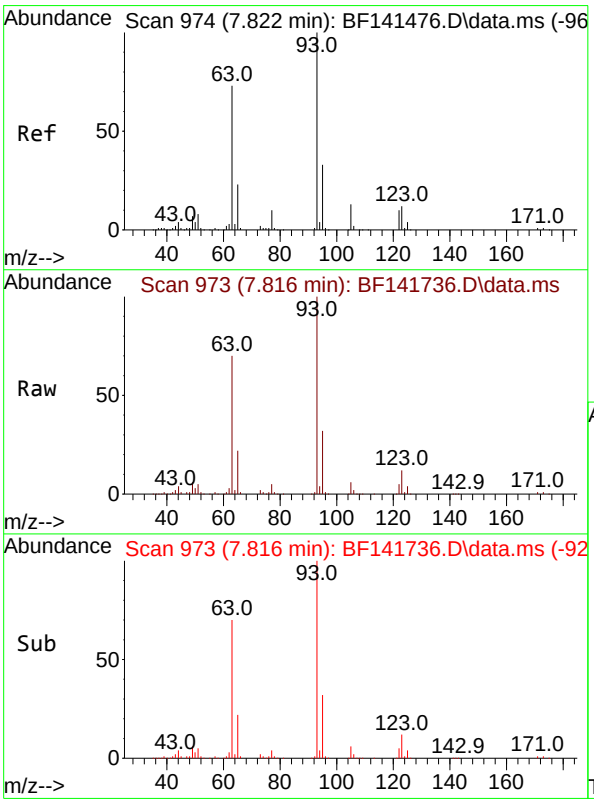
#27
2,4-Dimethylphenol
Concen: 56.735 ng
RT: 7.722 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:122 Resp: 216779

Ion	Ratio	Lower	Upper
122	100		
107	115.7	94.3	141.5
121	59.5	46.0	69.0

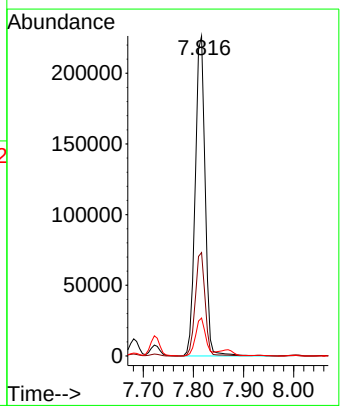


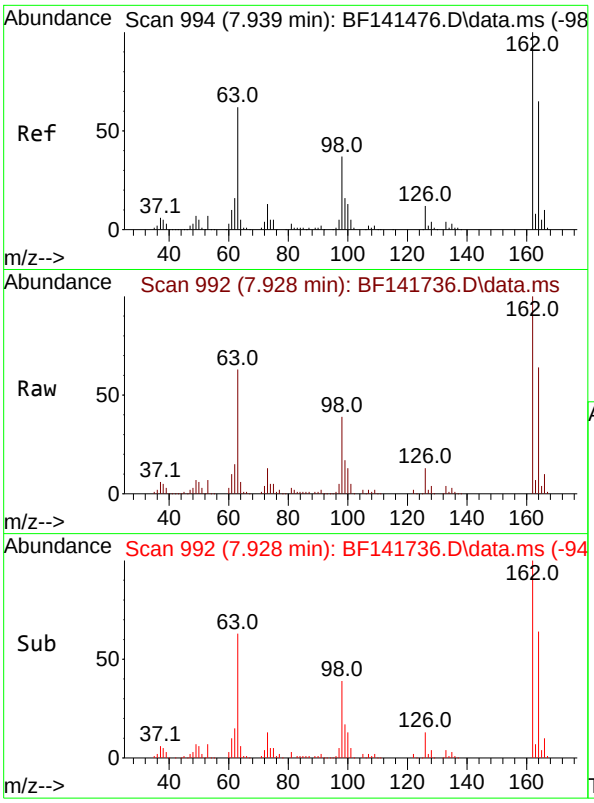


#28
bis(2-Chloroethoxy)methane
Concen: 44.901 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 93 Resp: 309281

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	11.9	9.5	14.3



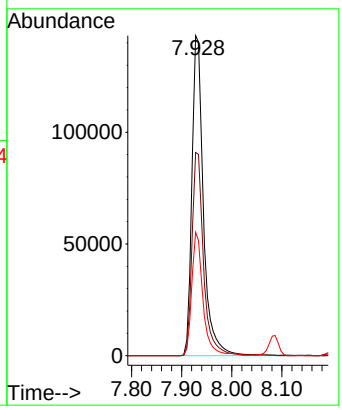


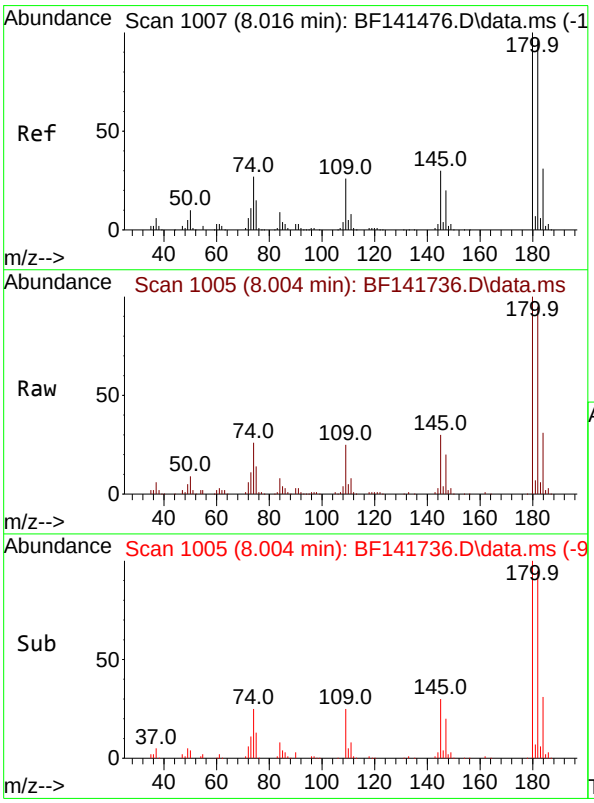
#29
2,4-Dichlorophenol
Concen: 44.296 ng
RT: 7.928 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:162 Resp: 228684

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	38.6	17.2	57.2

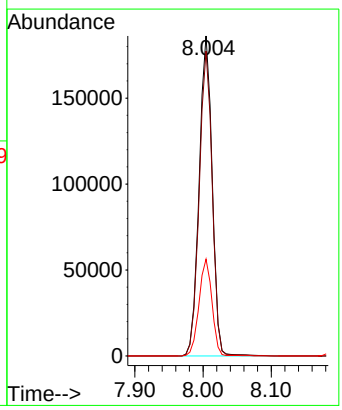


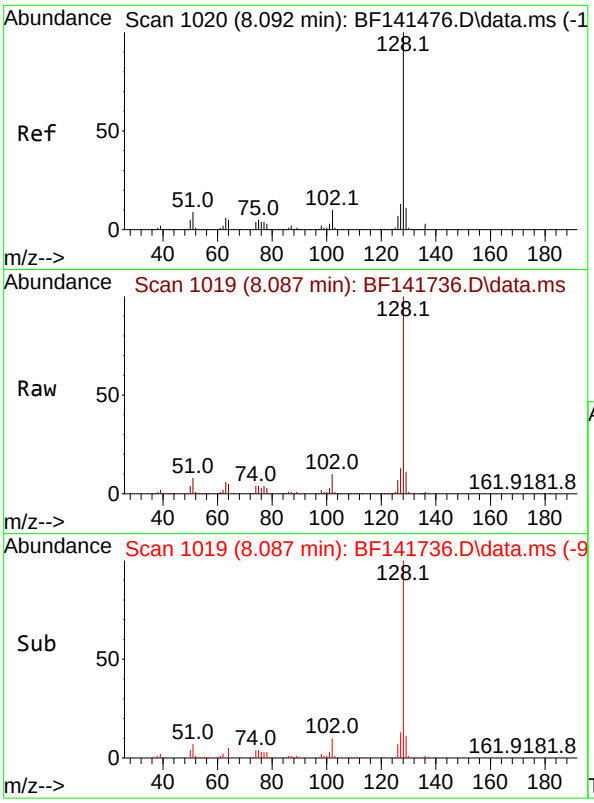


#30
1,2,4-Trichlorobenzene
Concen: 43.957 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:180 Resp: 247120

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	30.3	24.2	36.4



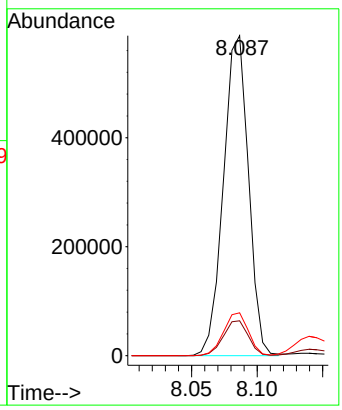


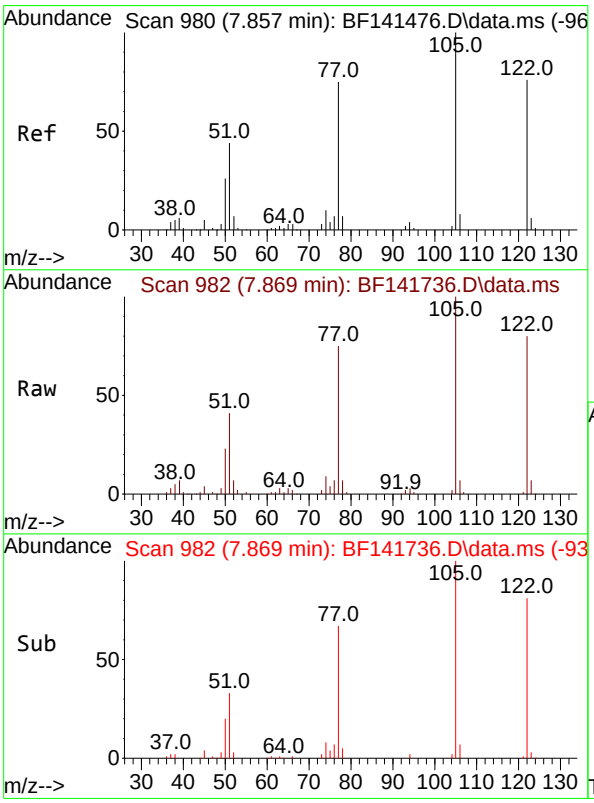
#31
Naphthalene
Concen: 42.565 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:128 Resp: 779107

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.4	10.7	16.1

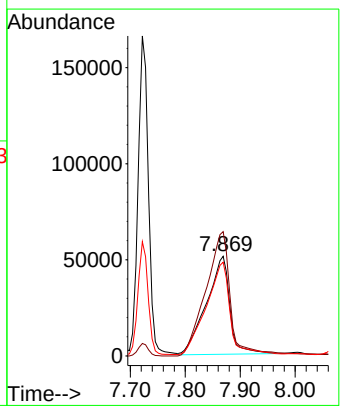


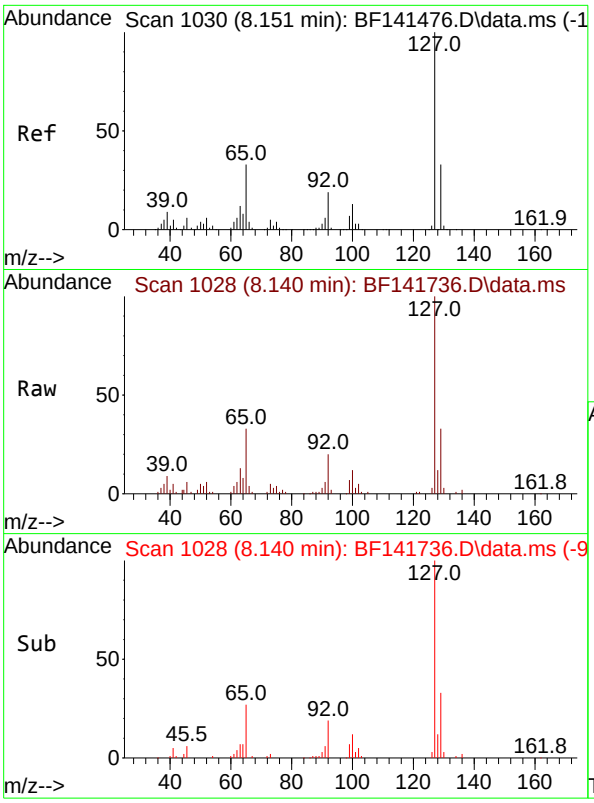


#32
Benzoic acid
Concen: 38.018 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:122 Resp: 150888

Ion	Ratio	Lower	Upper
122	100		
105	124.7	106.5	146.5
77	94.1	76.3	116.3



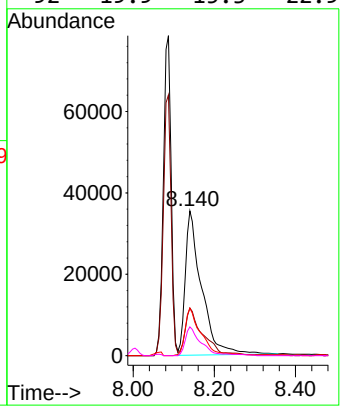


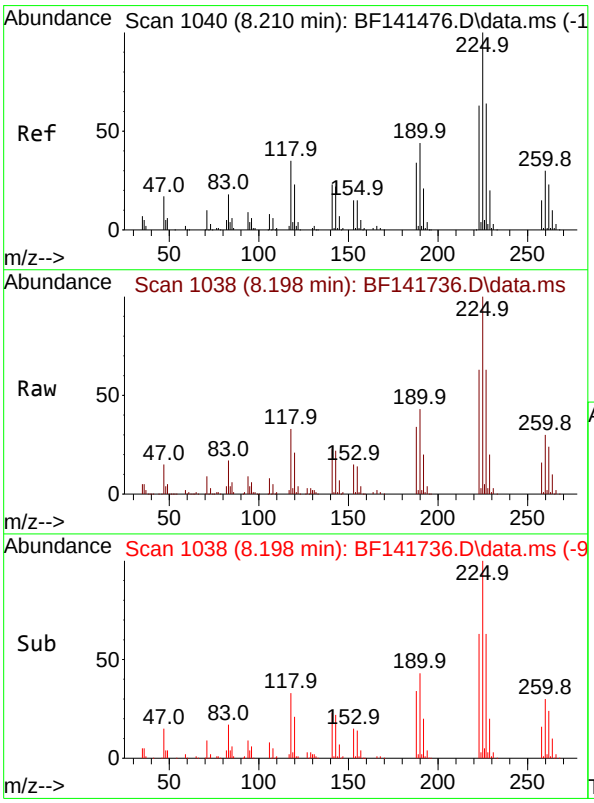
#33
4-Chloroaniline
Concen: 15.413 ng
RT: 8.140 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:127 Resp: 98498

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	32.8	26.4	39.6
92	19.9	15.3	22.9

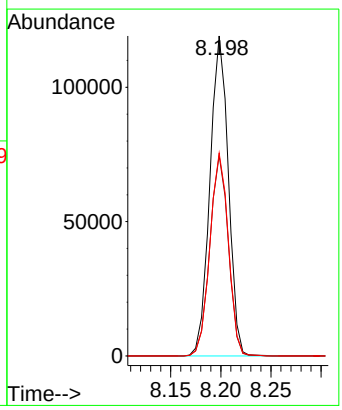


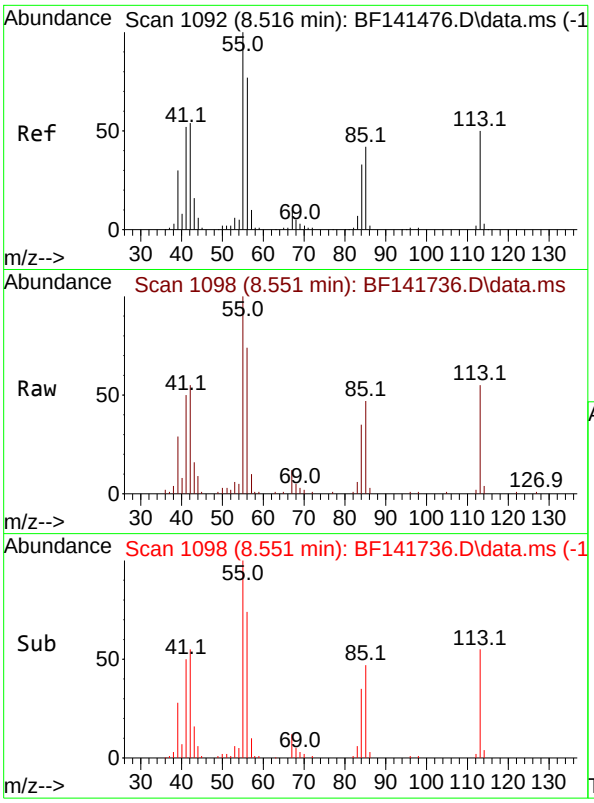


#34
Hexachlorobutadiene
Concen: 45.043 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:225 Resp: 152020

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	63.4	51.0	76.6



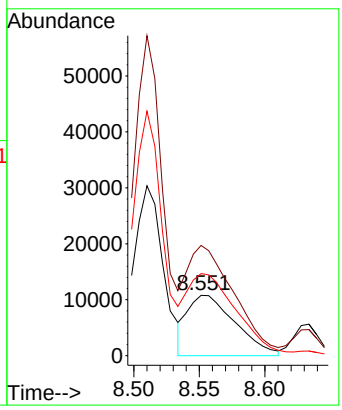


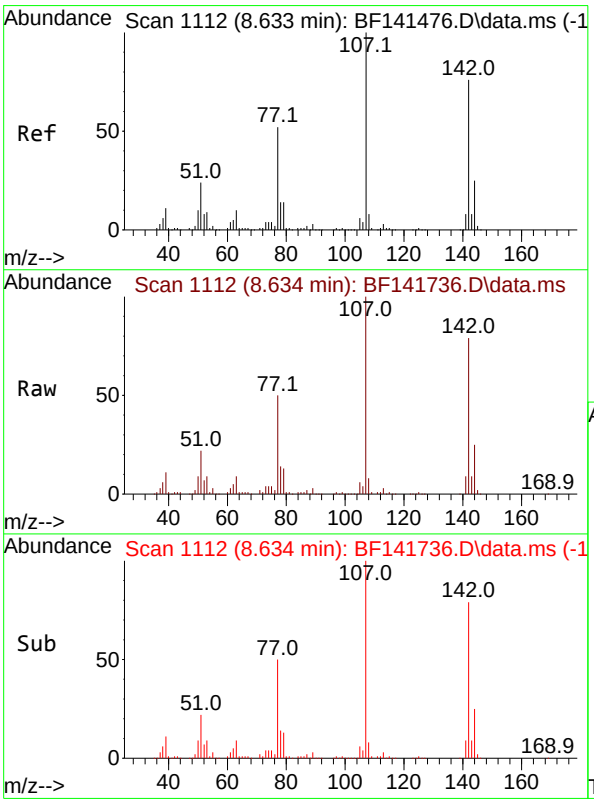
#35
Caprolactam
Concen: 17.444 ng
RT: 8.551 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:113 Resp: 27419

Ion	Ratio	Lower	Upper
113	100		
55	182.7	180.8	220.8
56	135.9	133.6	173.6

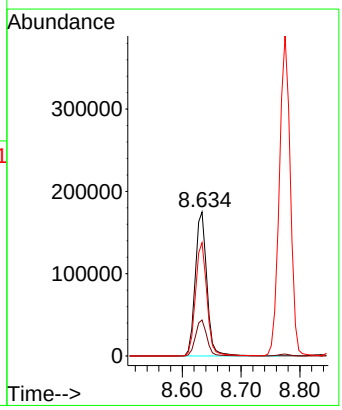


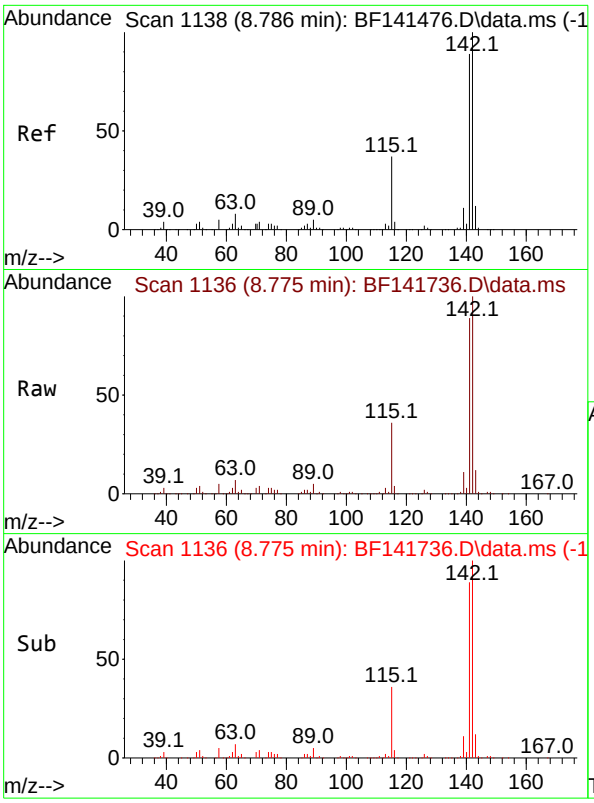


#36
4-Chloro-3-methylphenol
Concen: 41.985 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:107 Resp: 240098

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.7	29.5
142	78.7	60.8	91.2



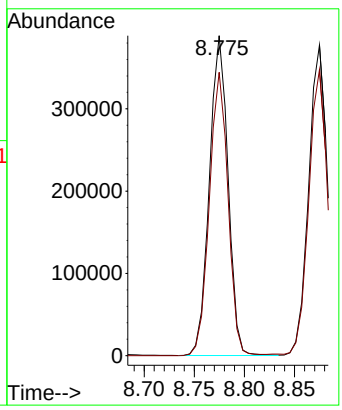


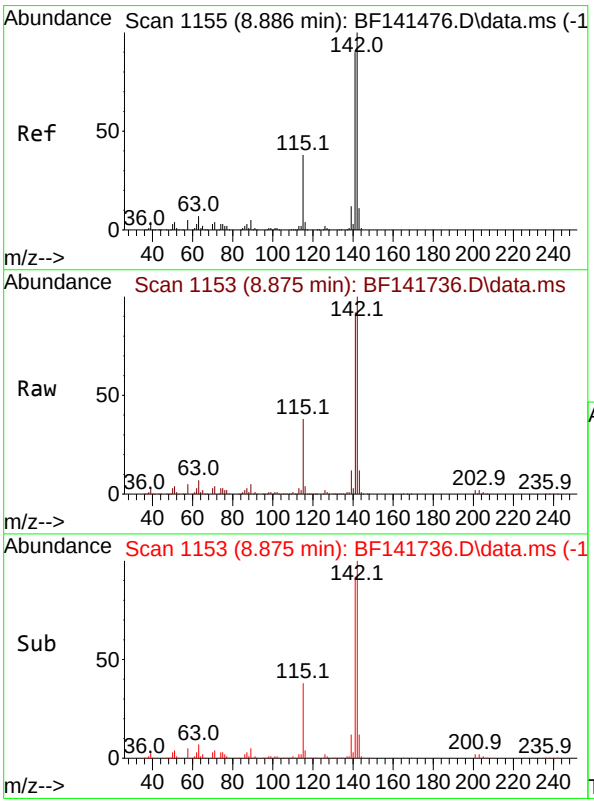
#37
2-Methylnaphthalene
Concen: 42.135 ng
RT: 8.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:142 Resp: 501872

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8

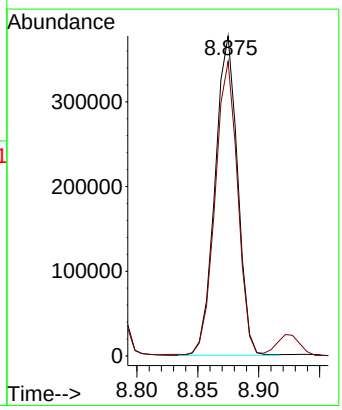


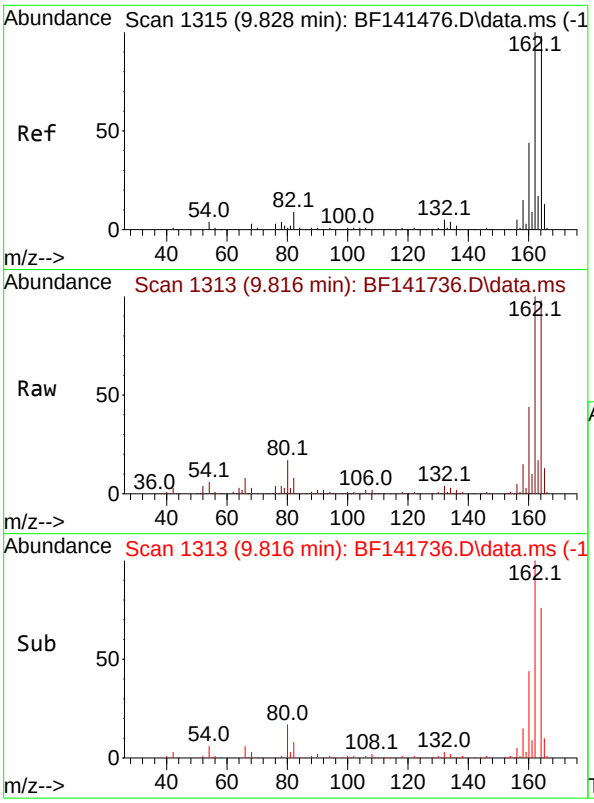


#38
1-Methylnaphthalene
Concen: 42.189 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:142 Resp: 486703

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.1	108.1



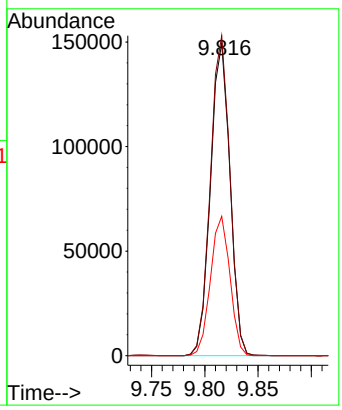


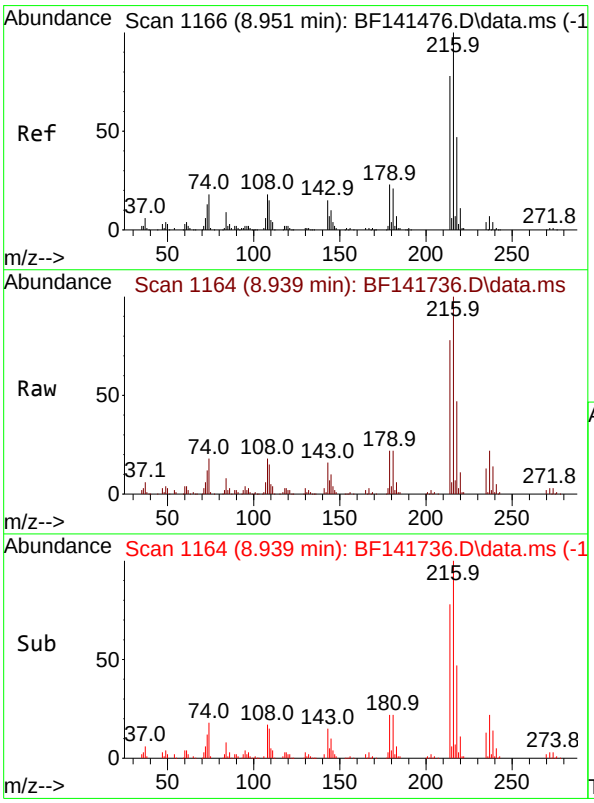
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:164 Resp: 189657

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	44.6	35.9	53.9

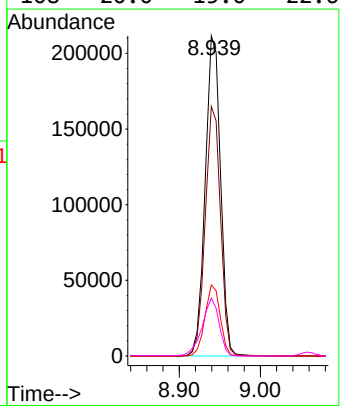


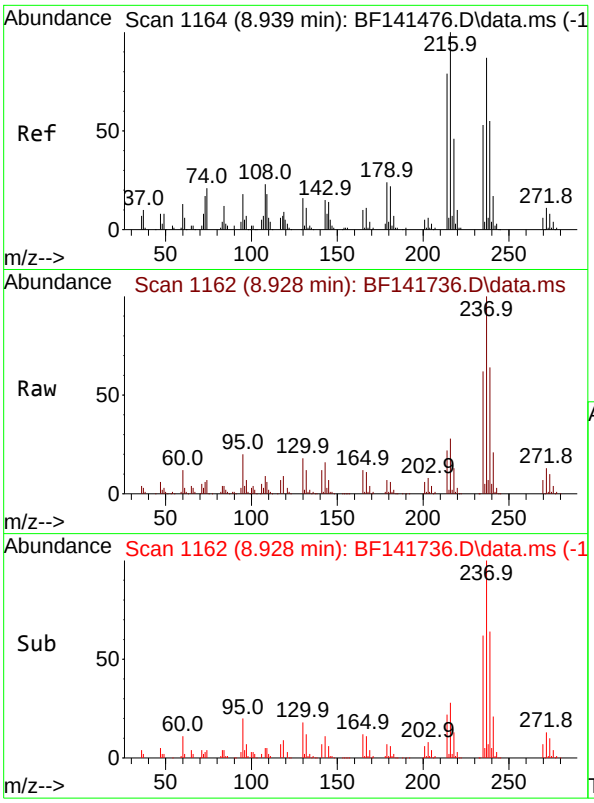


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.433 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:216 Resp: 276726

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	22.0	18.0	27.0
108	20.0	15.0	22.6



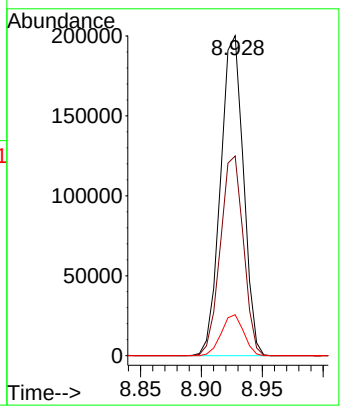


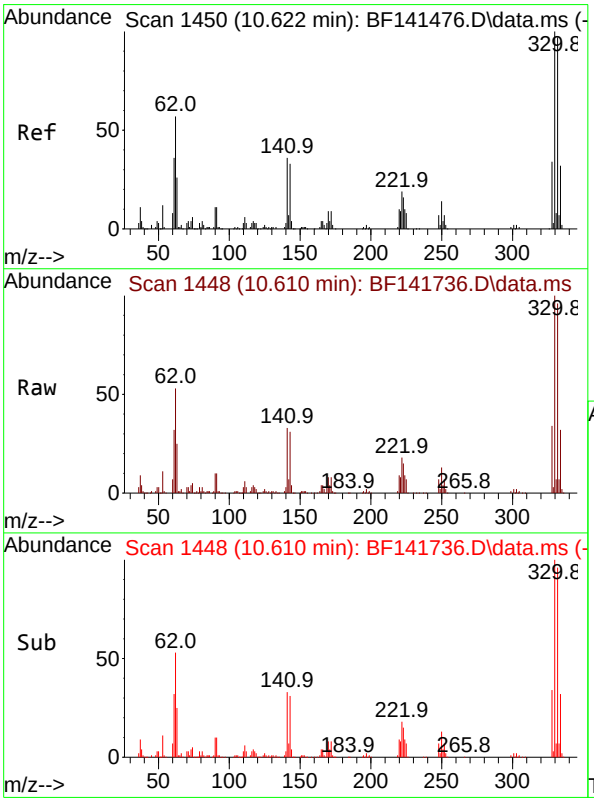
#41
Hexachlorocyclopentadiene
Concen: 143.467 ng
RT: 8.928 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:237 Resp: 261830

Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.4	81.4
272	12.8	0.0	32.4

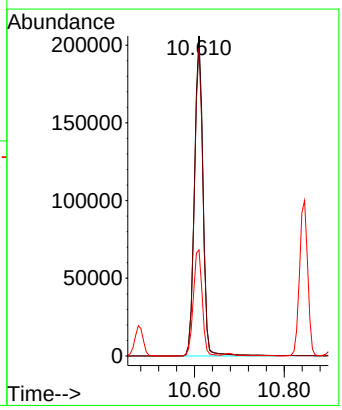


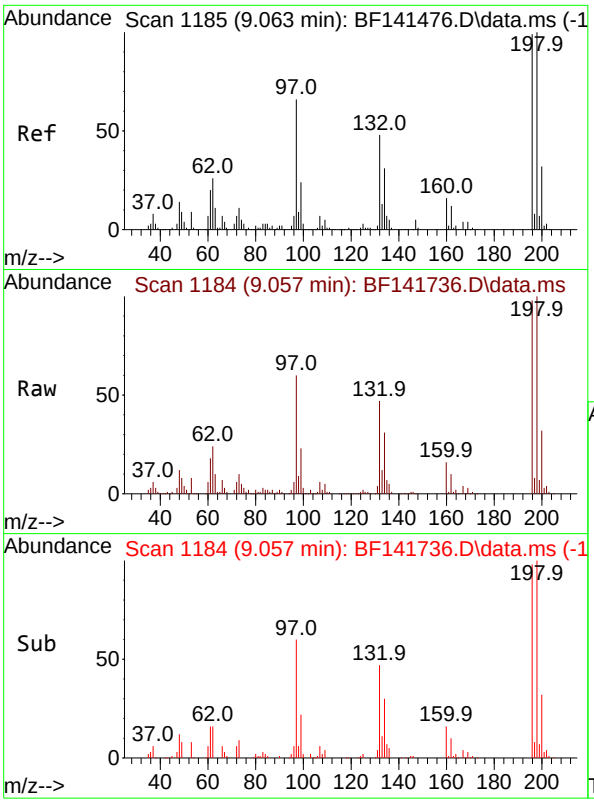


#42
2,4,6-Tribromophenol
Concen: 142.816 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:330 Resp: 272092

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	34.4	31.0	46.4



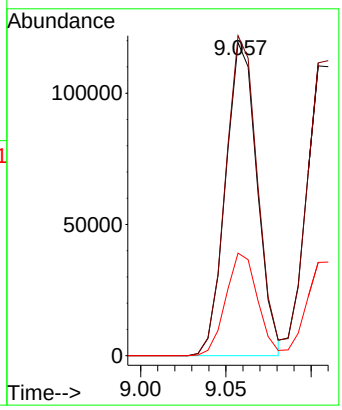


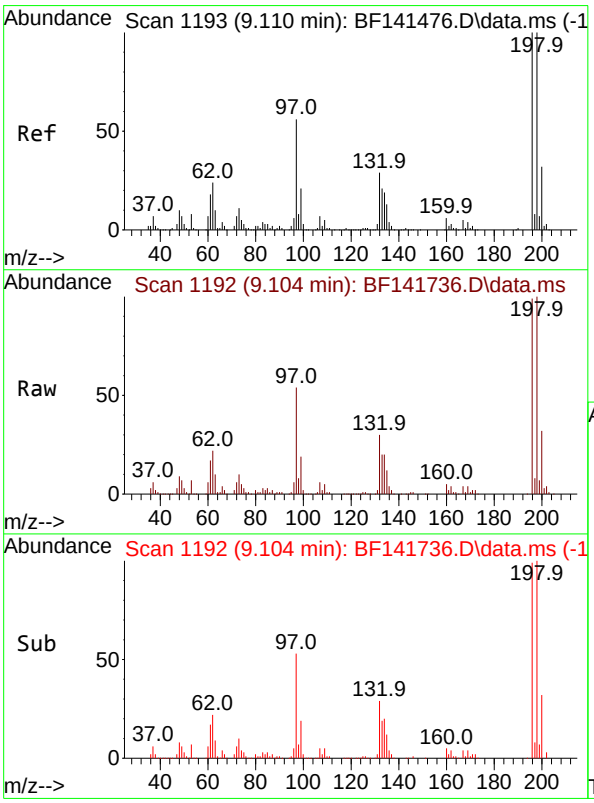
#43
2,4,6-Trichlorophenol
Concen: 43.287 ng
RT: 9.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:196 Resp: 153510

Ion	Ratio	Lower	Upper
196	100		
198	102.2	80.6	121.0
200	32.8	25.5	38.3

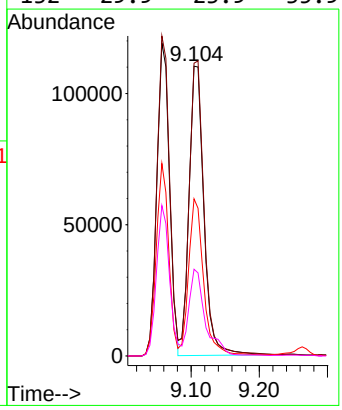


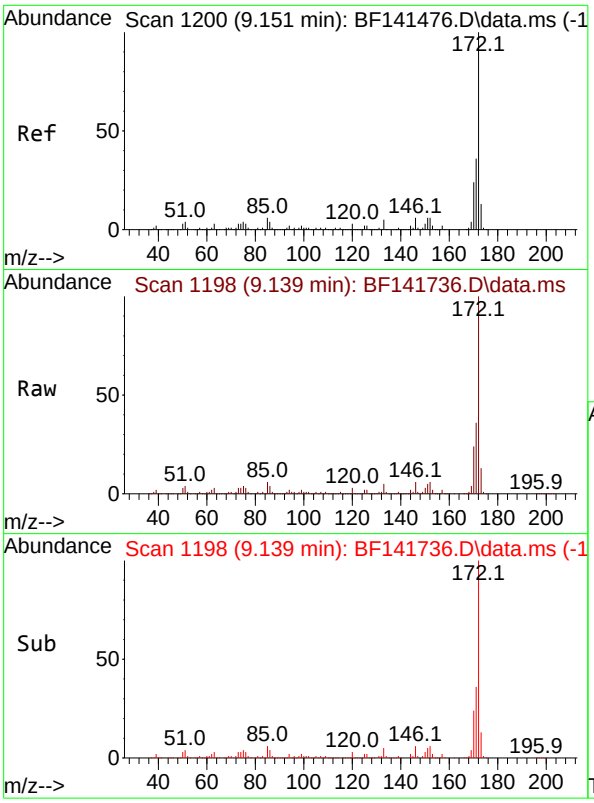


#44
2,4,5-Trichlorophenol
Concen: 43.347 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:196 Resp: 166600

Ion	Ratio	Lower	Upper
196	100		
198	101.1	79.8	119.8
97	54.2	44.8	67.2
132	29.9	23.9	35.9



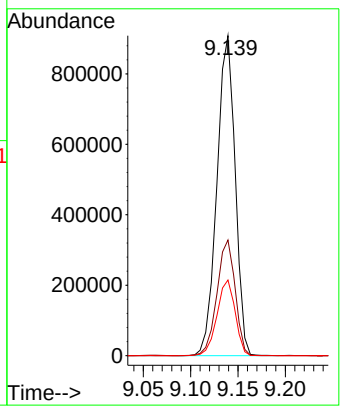


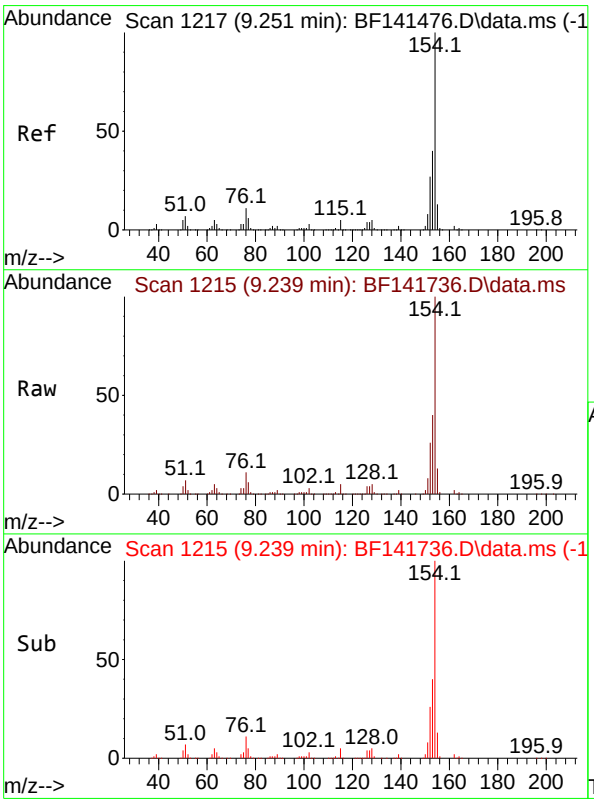
#45
2-Fluorobiphenyl
Concen: 99.270 ng
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:172 Resp: 1222043

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	23.7	18.9	28.3

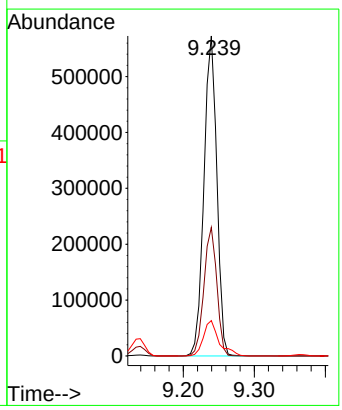


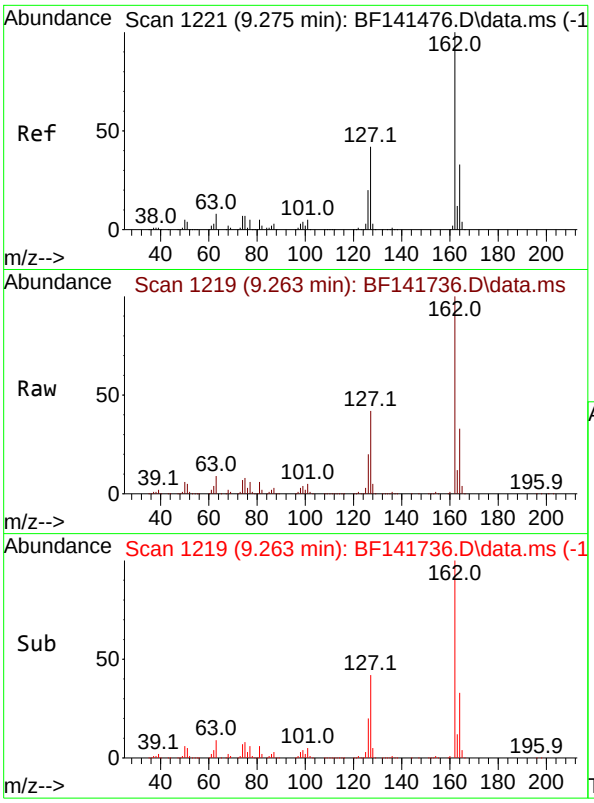


#46
1,1'-Biphenyl
Concen: 49.263 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:154 Resp: 724347

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	11.0	0.0	30.8



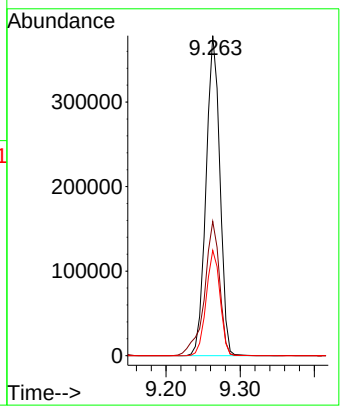


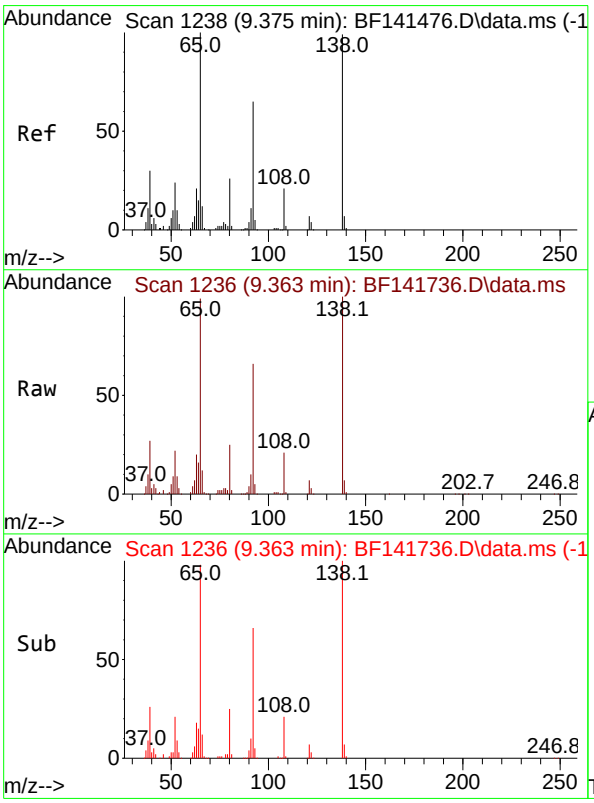
#47
2-Chloronaphthalene
Concen: 45.170 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:162 Resp: 491130

Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.1	51.1
164	32.9	26.3	39.5

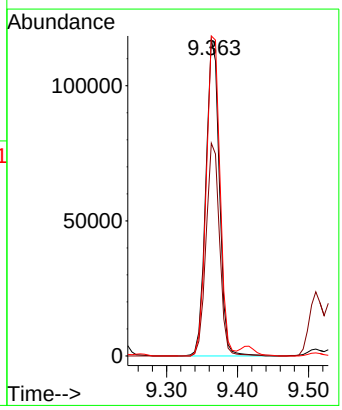


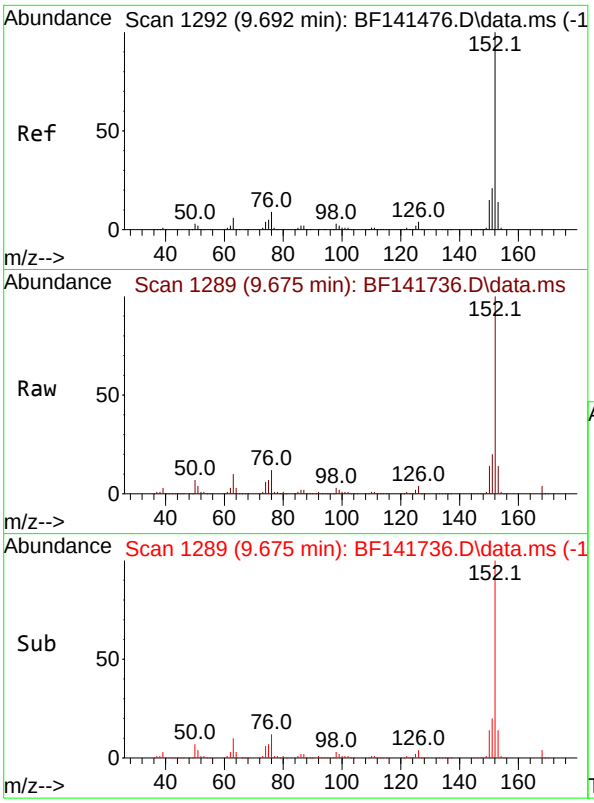


#48
2-Nitroaniline
Concen: 42.639 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 65 Resp: 155591

Ion	Ratio	Lower	Upper
65	100		
92	67.2	52.2	78.2
138	101.0	79.5	119.3



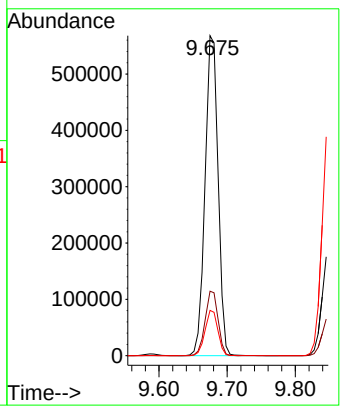


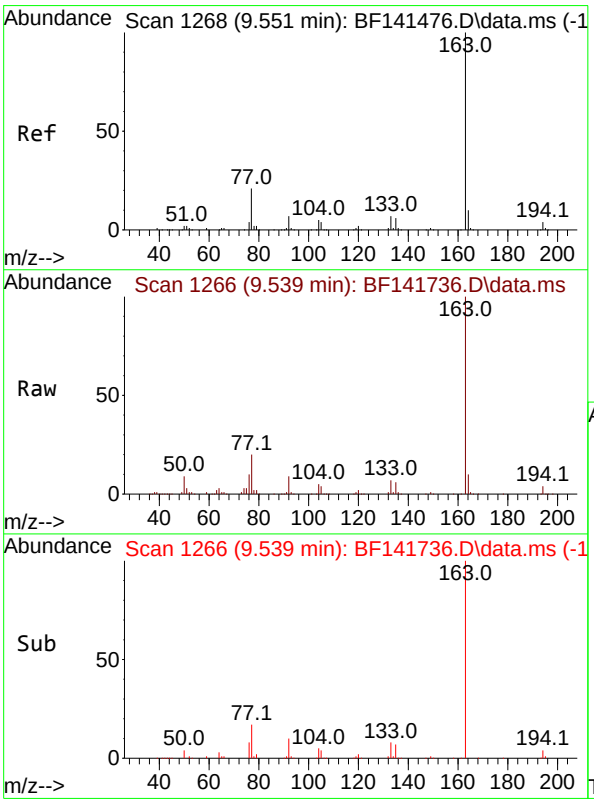
#49
Acenaphthylene
Concen: 46.721 ng
RT: 9.675 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:152 Resp: 755581

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	14.2	10.9	16.3

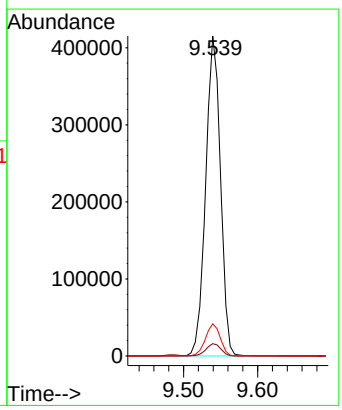


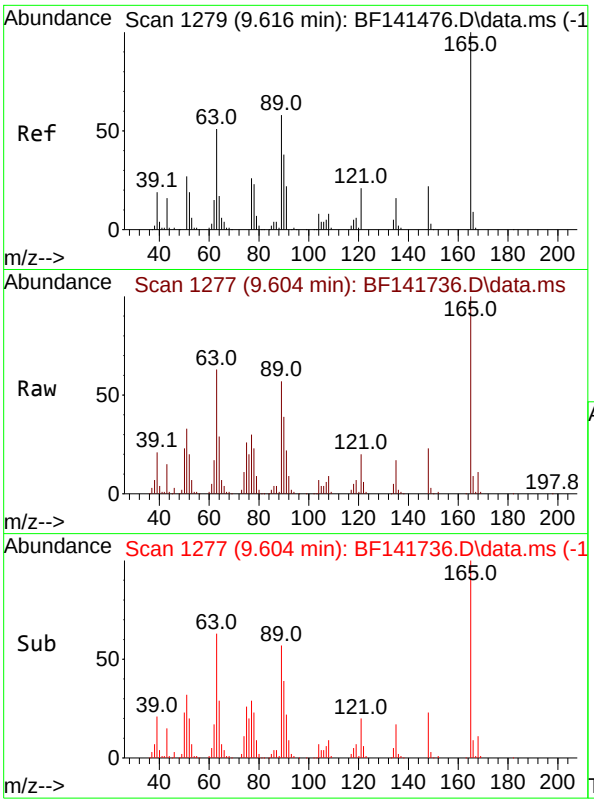


#50
Dimethylphthalate
Concen: 44.780 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:163 Resp: 576555

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.0	7.9	11.9



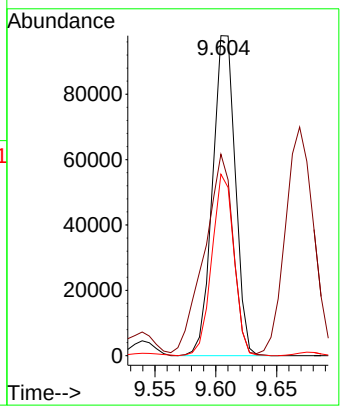


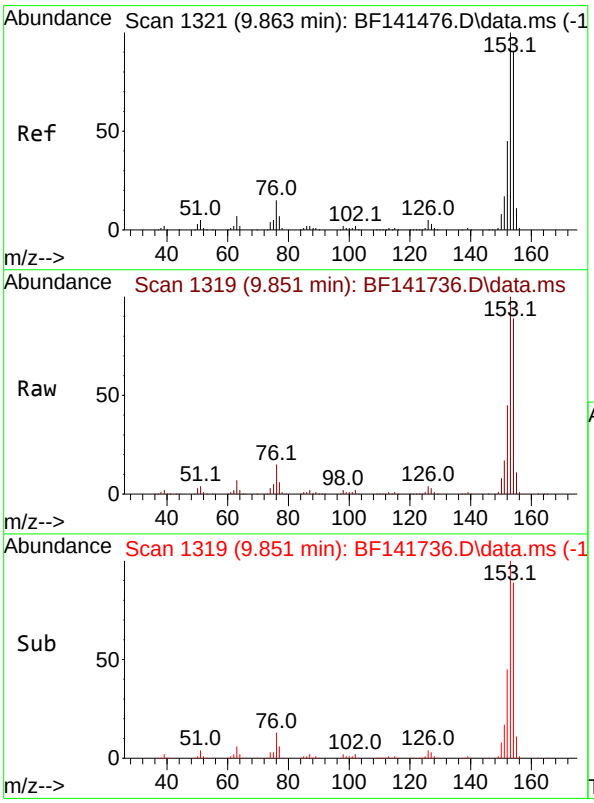
#51
2,6-Dinitrotoluene
Concen: 45.267 ng
RT: 9.604 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:165 Resp: 127409

Ion	Ratio	Lower	Upper
165	100		
63	63.0	49.4	74.0
89	56.7	46.5	69.7

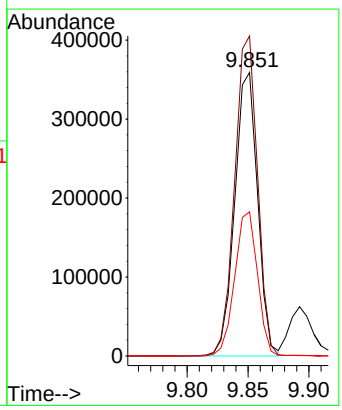


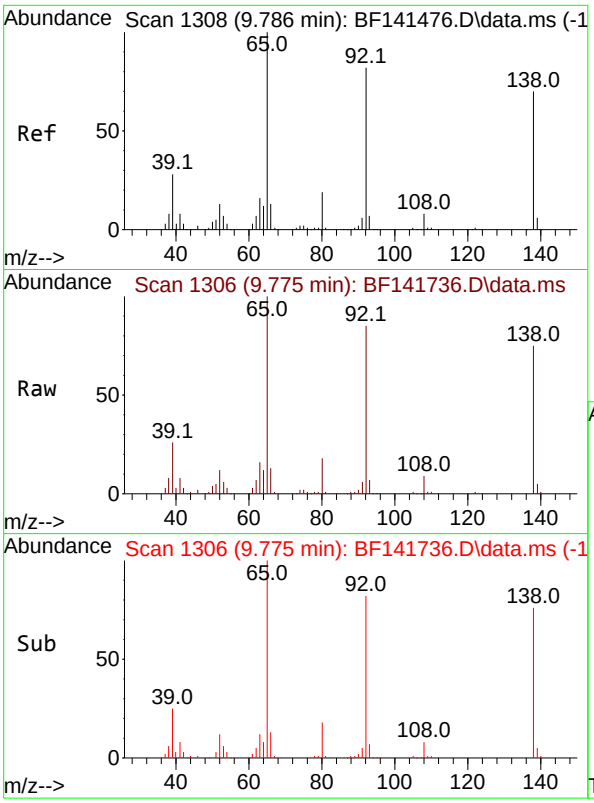


#52
Acenaphthene
Concen: 43.285 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:154 Resp: 470618

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.2	133.8
152	50.9	39.8	59.8



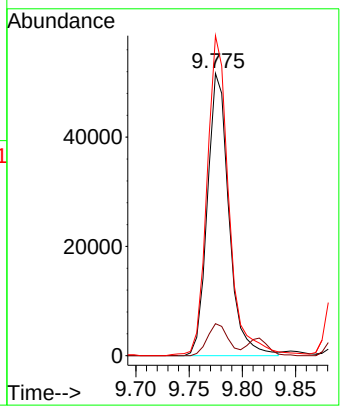


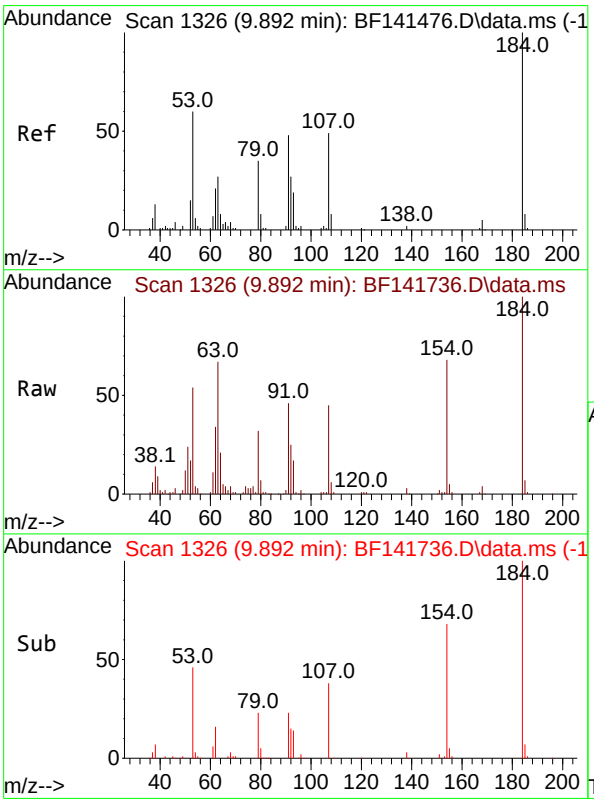
#53
3-Nitroaniline
Concen: 24.011 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:138 Resp: 72738

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.4
92	113.4	93.7	140.5

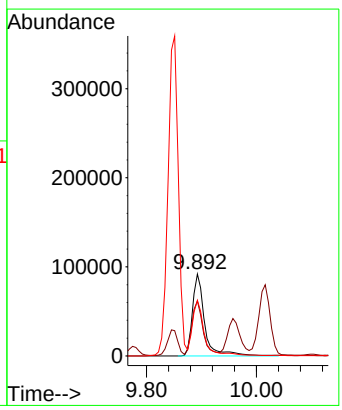


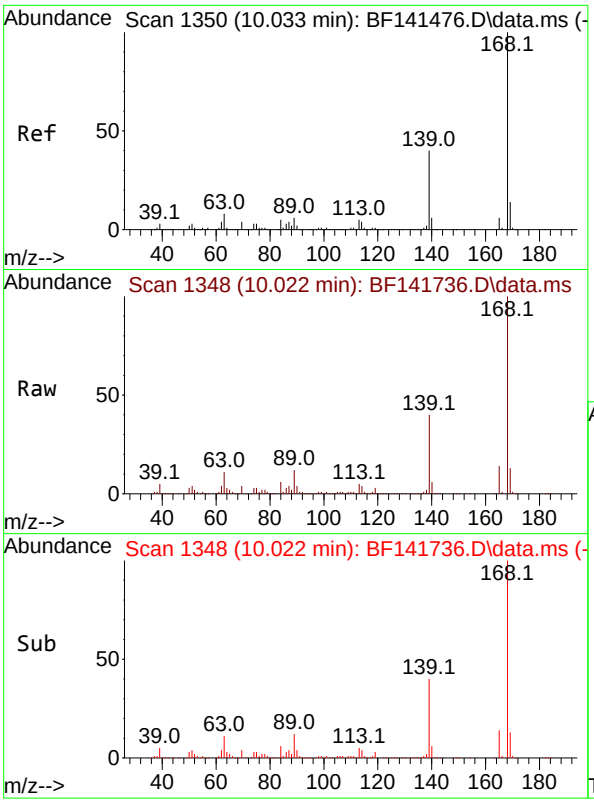


#54
2,4-Dinitrophenol
Concen: 85.467 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:184 Resp: 142970

Ion	Ratio	Lower	Upper
184	100		
63	66.9	61.0	91.6
154	67.9	59.9	89.9



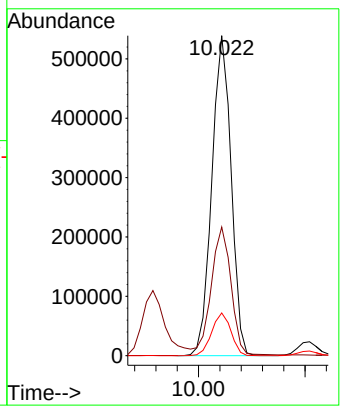


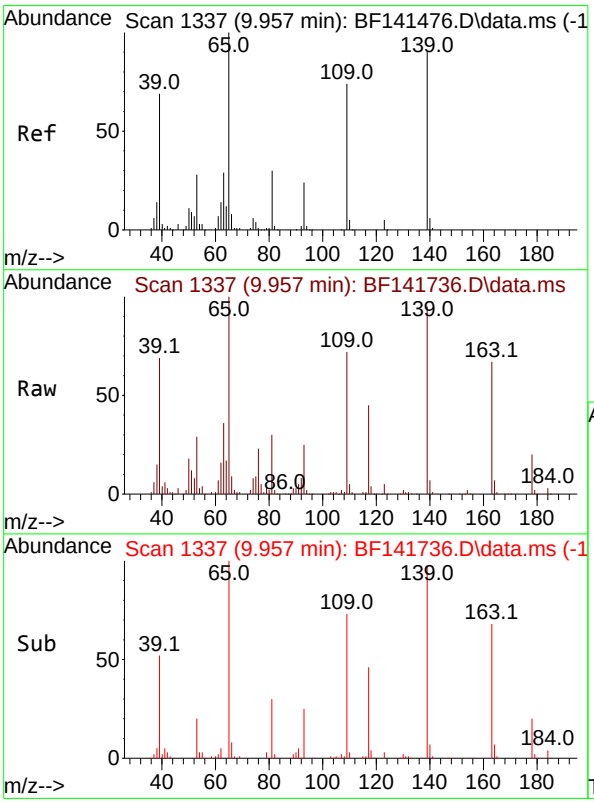
#55
Dibenzofuran
Concen: 42.439 ng
RT: 10.022 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:168 Resp: 677271

Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.7	49.1
169	13.4	10.8	16.2

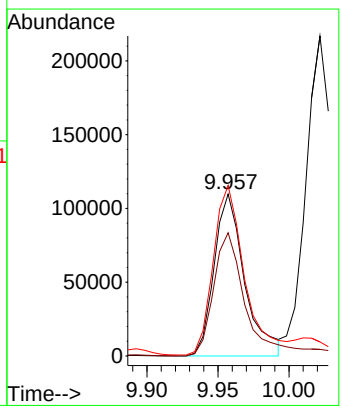


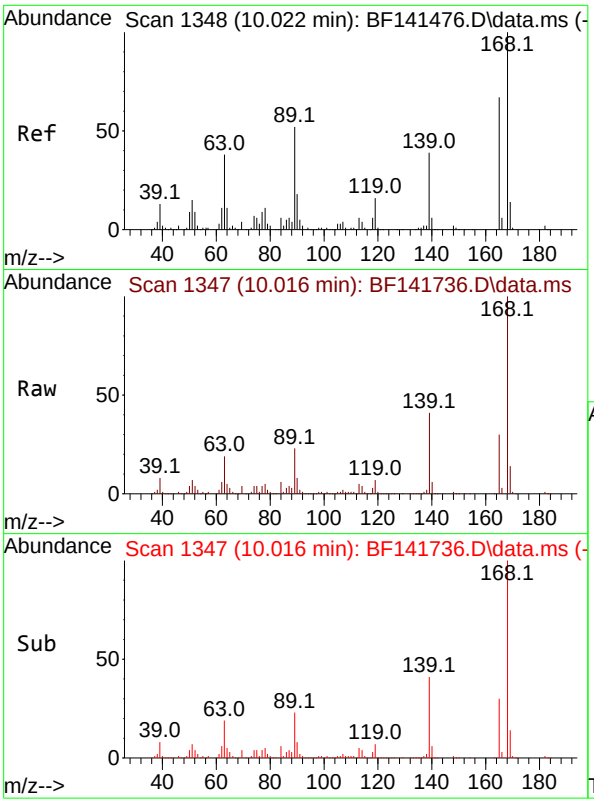


#56
4-Nitrophenol
Concen: 72.598 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:139 Resp: 163259

Ion	Ratio	Lower	Upper
139	100		
109	76.1	62.0	102.0
65	105.3	91.2	131.2



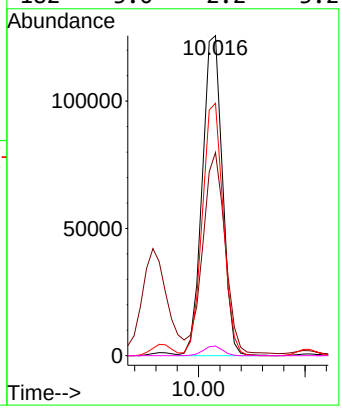


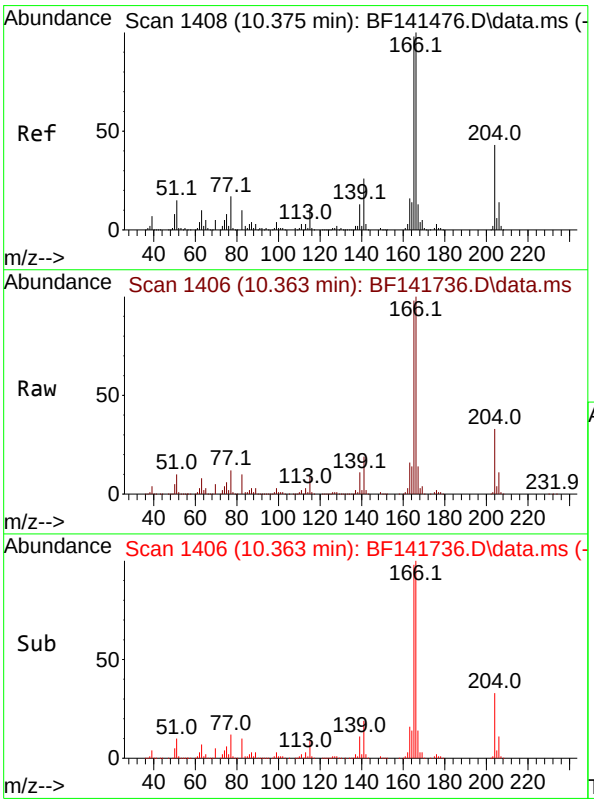
#57
2,4-Dinitrotoluene
Concen: 44.147 ng
RT: 10.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:165 Resp: 165419

Ion	Ratio	Lower	Upper
165	100		
63	63.5	46.4	69.6
89	78.9	61.8	92.6
182	3.0	2.2	3.2

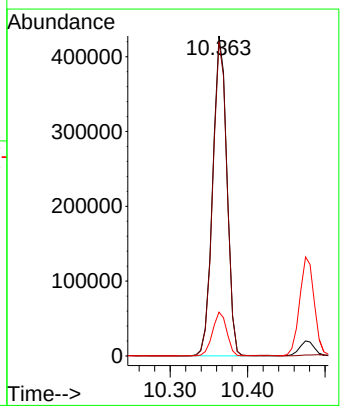


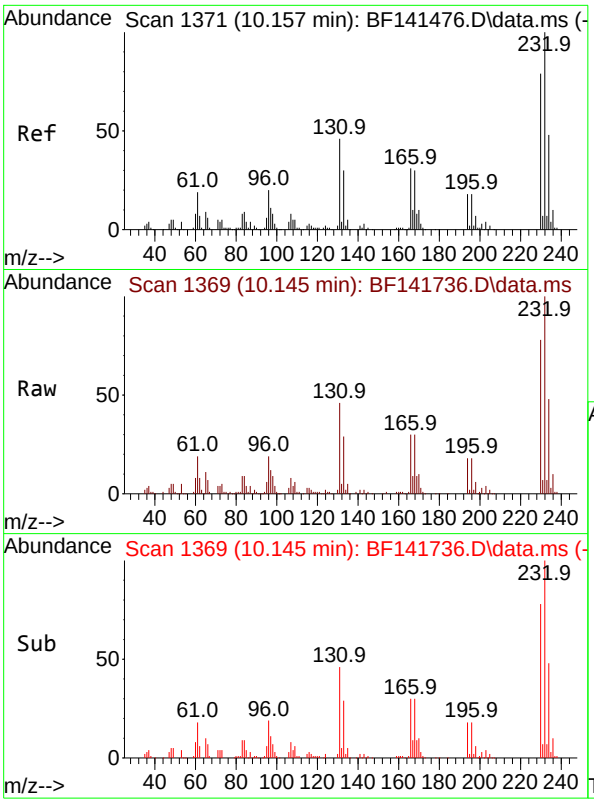


#58
Fluorene
Concen: 43.999 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:166 Resp: 542919

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.2
167	13.7	10.7	16.1



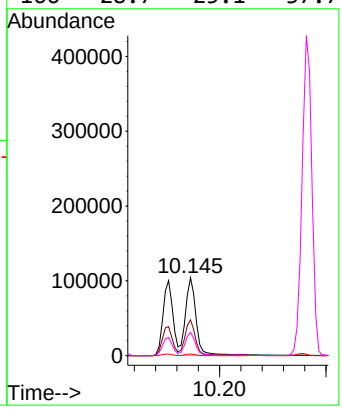


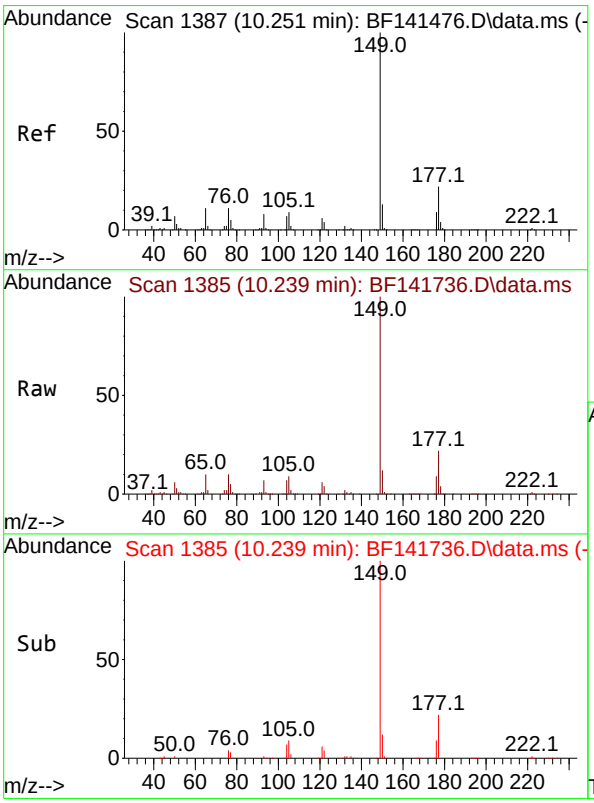
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.470 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:232 Resp: 143840

Ion	Ratio	Lower	Upper
232	100		
131	45.6	39.2	58.8
130	2.1	2.1	3.1
166	28.7	25.1	37.7

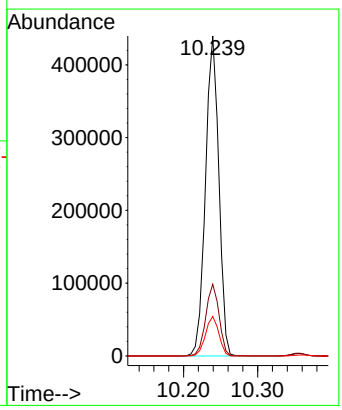


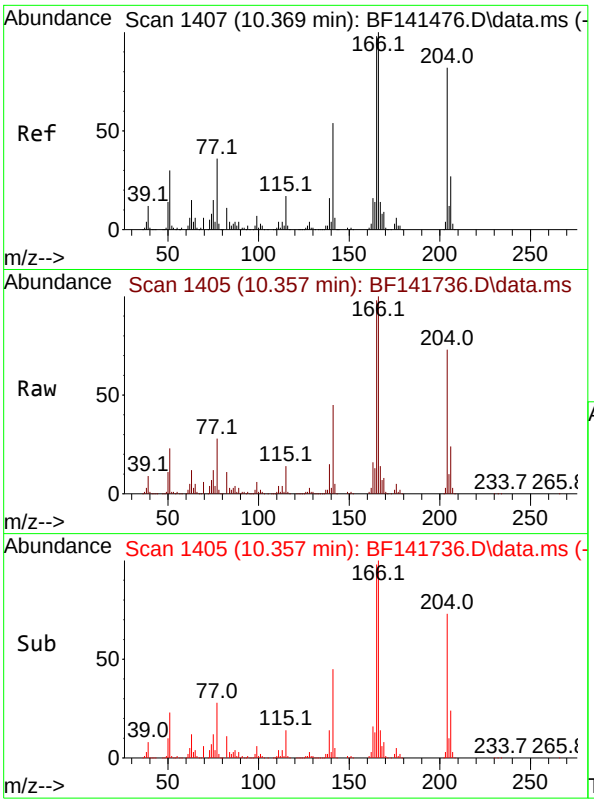


#60
Diethylphthalate
Concen: 43.383 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:149 Resp: 549569

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.8	26.6
150	12.4	10.1	15.1



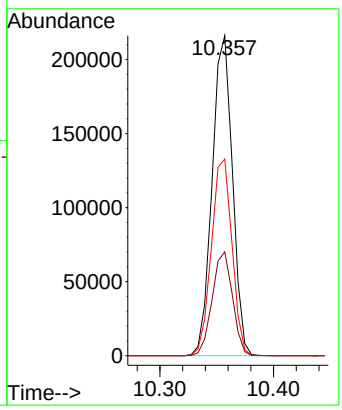


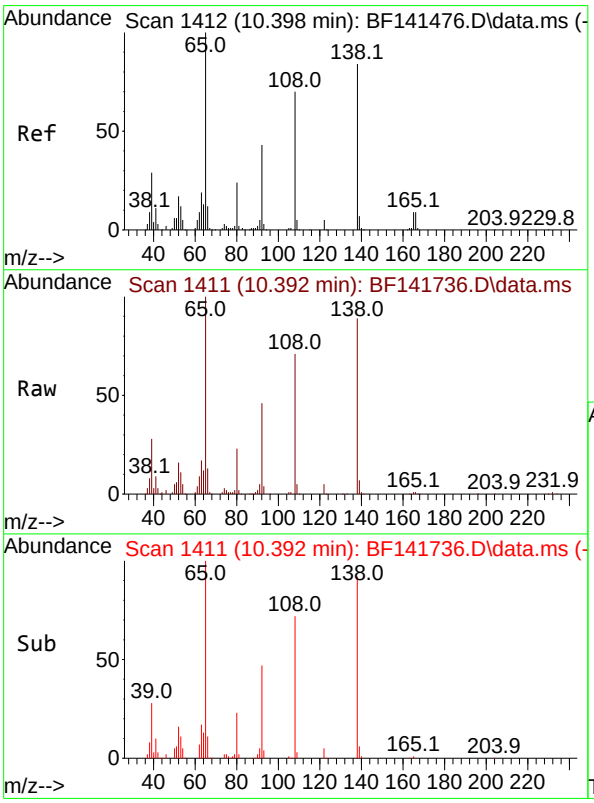
#61
4-Chlorophenyl-phenylether
Concen: 45.233 ng
RT: 10.357 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:204 Resp: 268517

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	40.0
141	61.4	51.9	77.9

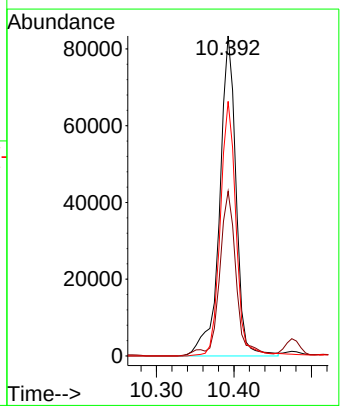


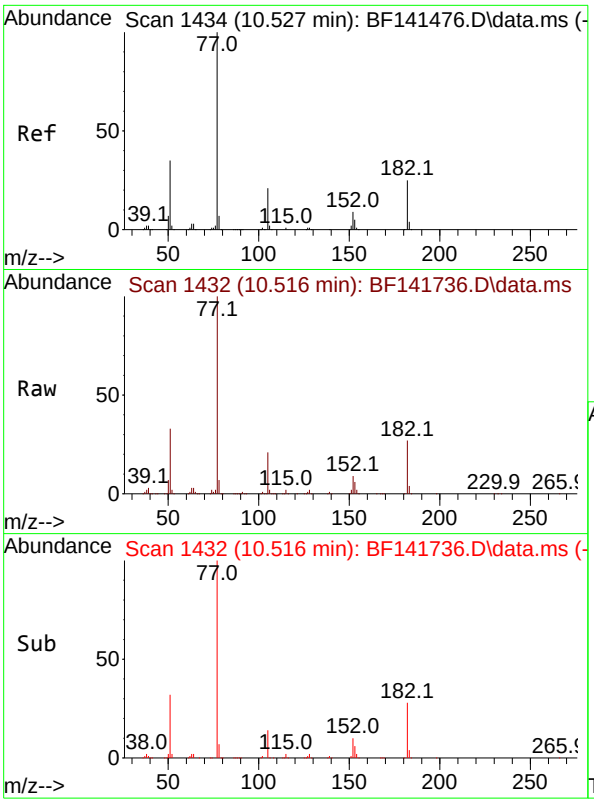


#62
4-Nitroaniline
Concen: 39.966 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:138 Resp: 122937

Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.3	71.3
108	79.5	63.7	103.7



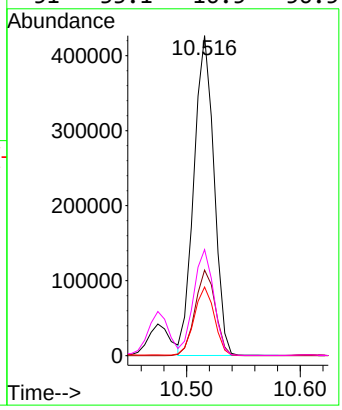


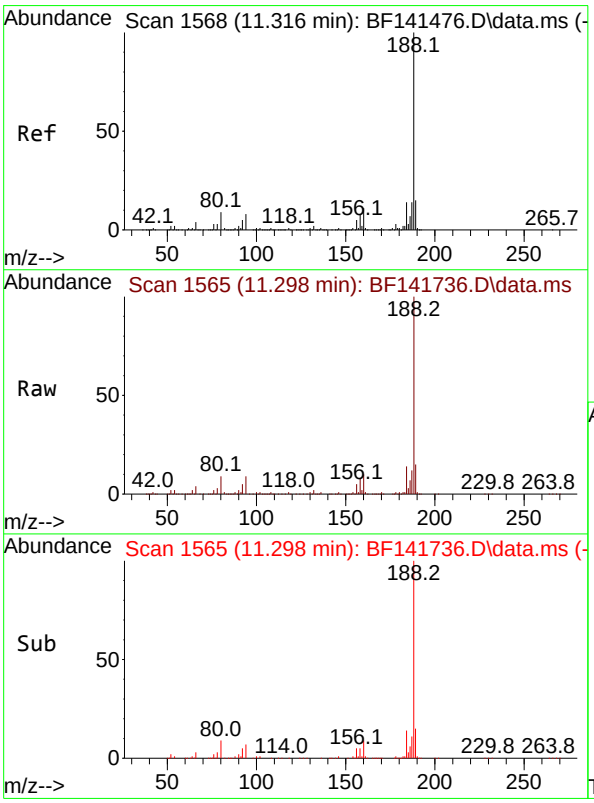
#63
Azobenzene
Concen: 41.583 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 77 Resp: 523669

Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.7	44.7
105	21.4	0.4	40.4
51	33.1	16.5	56.5

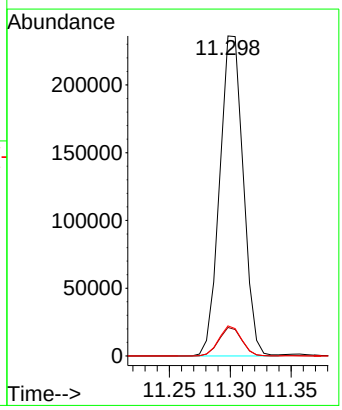


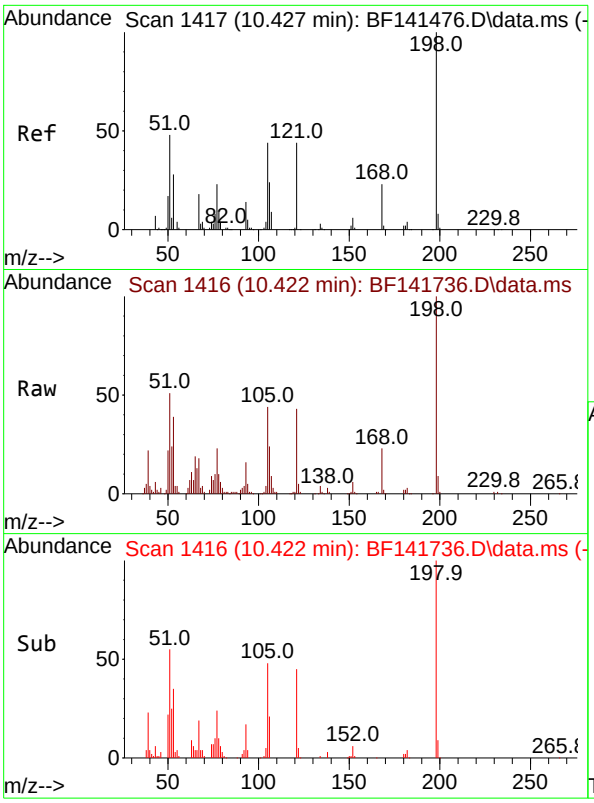


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:188 Resp: 317883

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.4	7.3	10.9



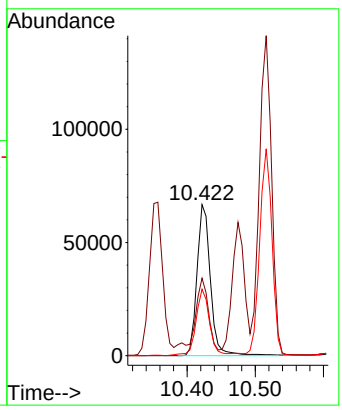


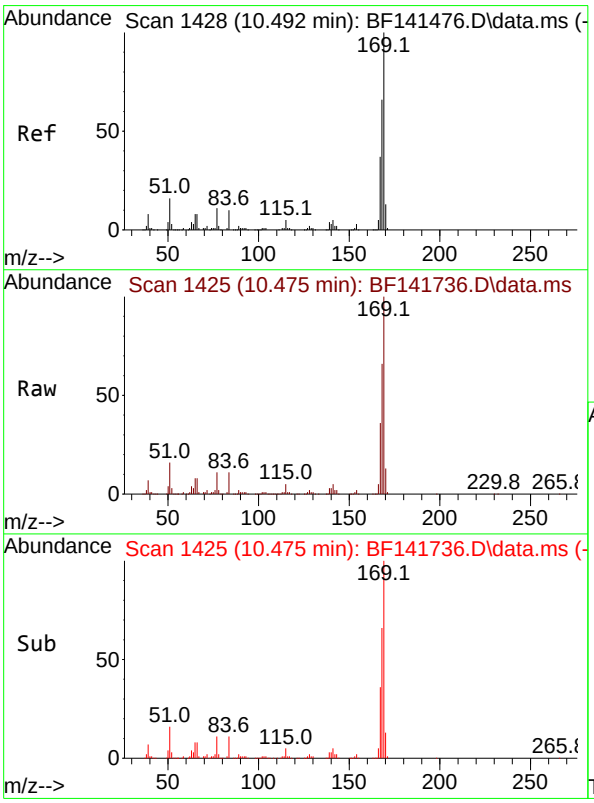
#65
4,6-Dinitro-2-methylphenol
Concen: 41.500 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:198 Resp: 91639

Ion	Ratio	Lower	Upper
198	100		
51	51.2	37.4	77.4
105	44.0	25.2	65.2

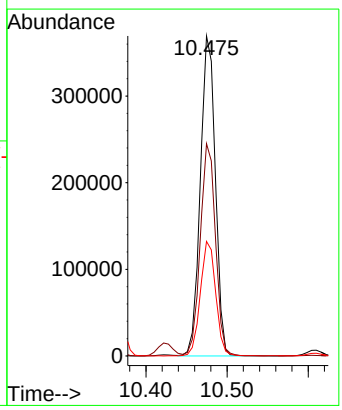


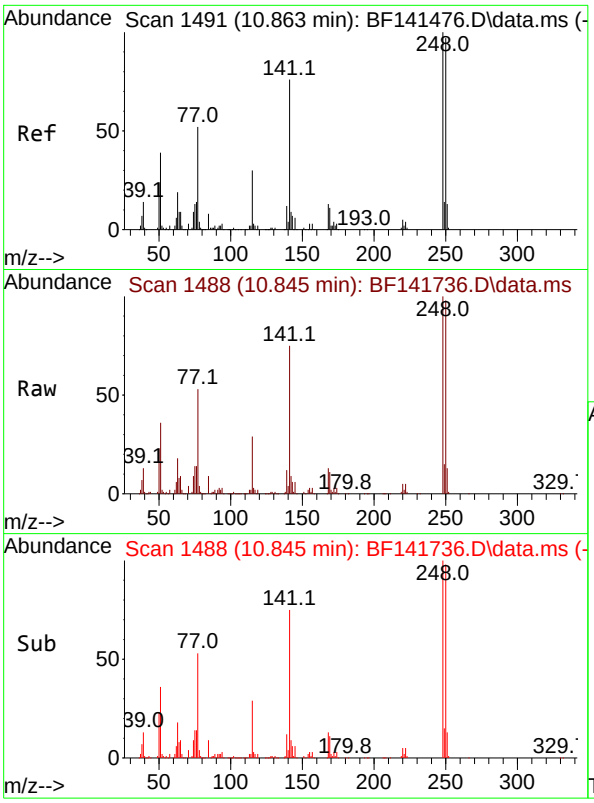


#66
n-Nitrosodiphenylamine
Concen: 46.533 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:169 Resp: 473503

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.3	79.9
167	35.8	29.4	44.2



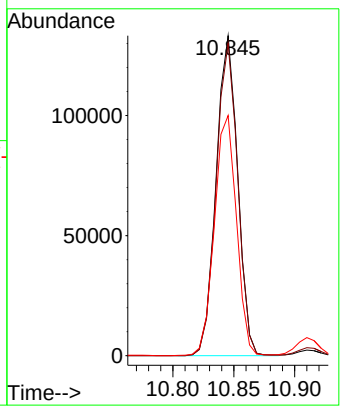


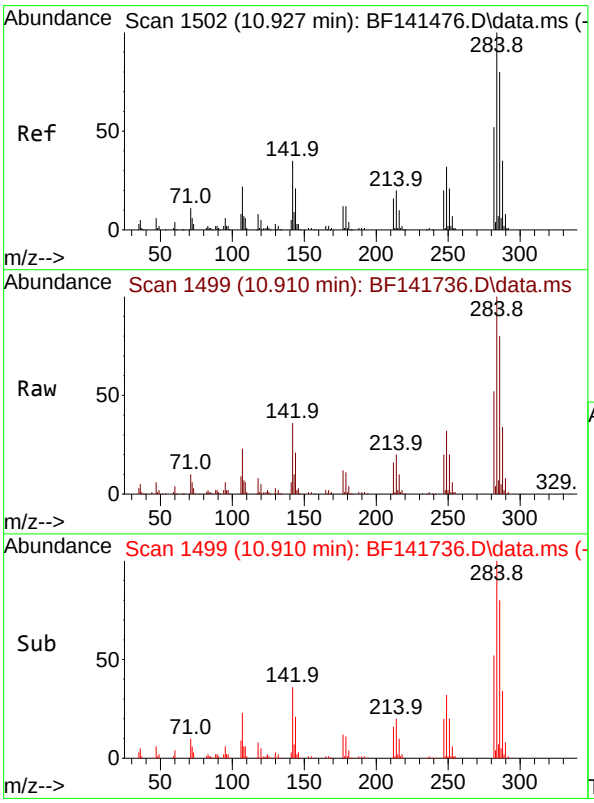
#67
4-Bromophenyl-phenylether
Concen: 46.304 ng
RT: 10.845 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:248 Resp: 164507

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.6
141	75.1	60.6	90.8

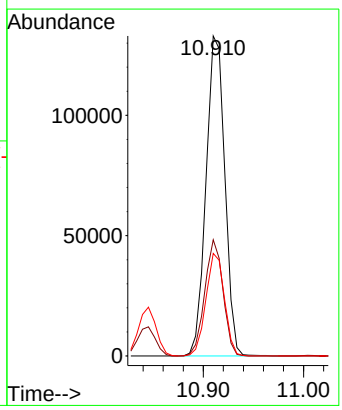


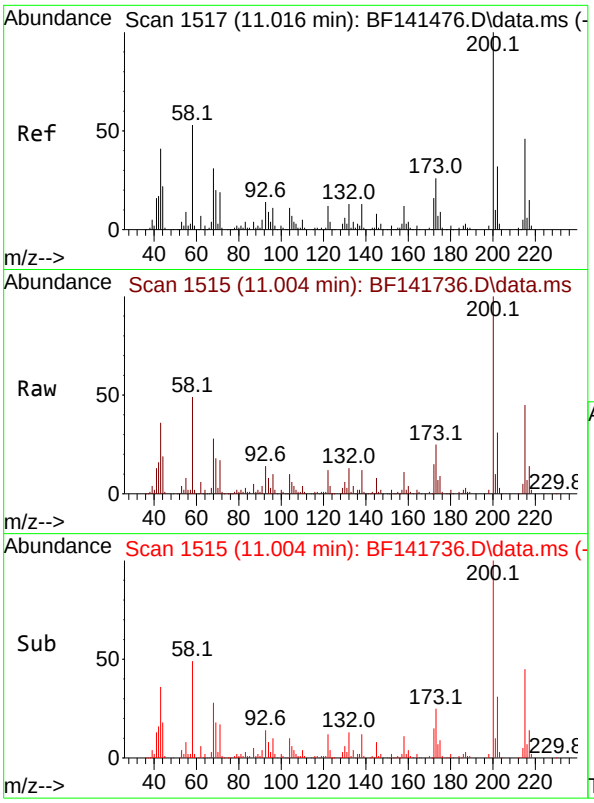


#68
Hexachlorobenzene
Concen: 47.529 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:284 Resp: 173880

Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.0	42.0
249	32.0	25.8	38.8



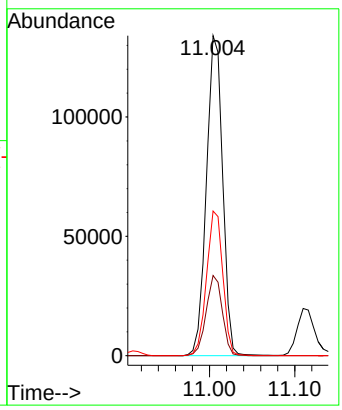


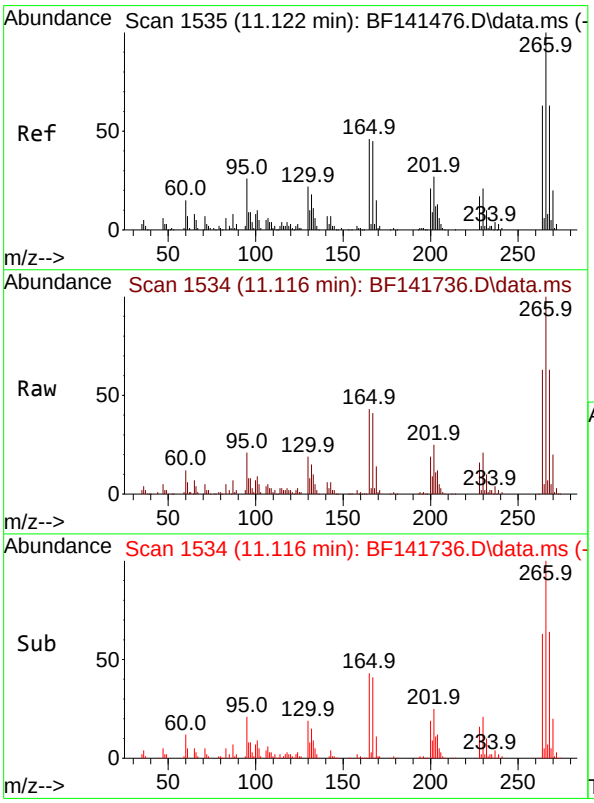
#69
Atrazine
Concen: 58.080 ng
RT: 11.004 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:200 Resp: 177302

Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.9	45.9
215	45.2	25.9	65.9

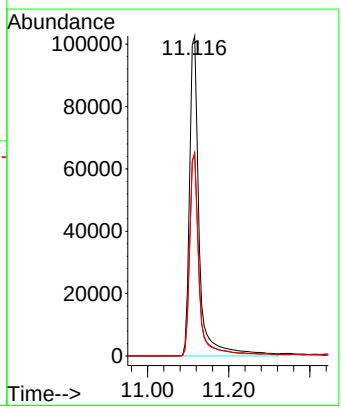


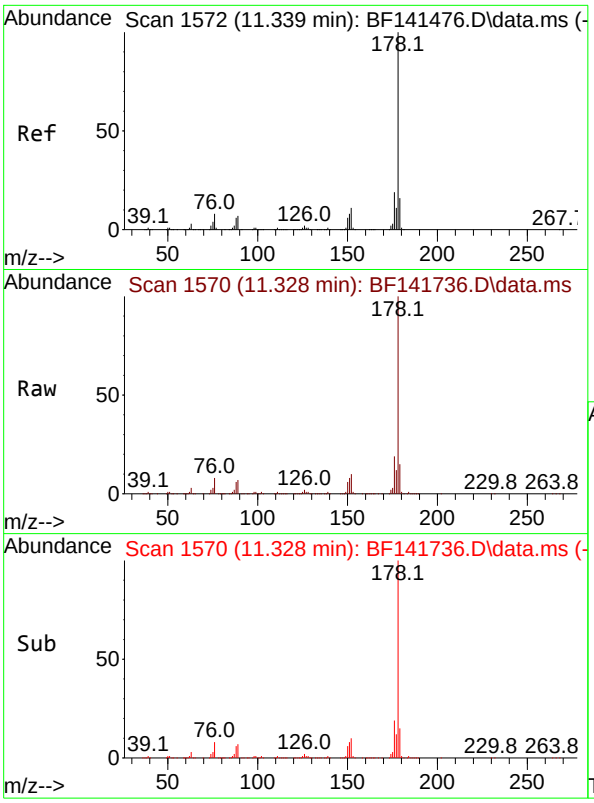


#70
Pentachlorophenol
Concen: 72.924 ng
RT: 11.116 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:266 Resp: 170587

Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.1	75.1
264	63.2	50.1	75.1



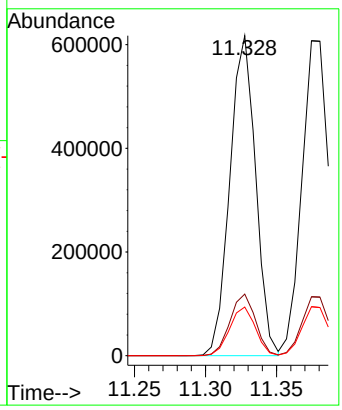


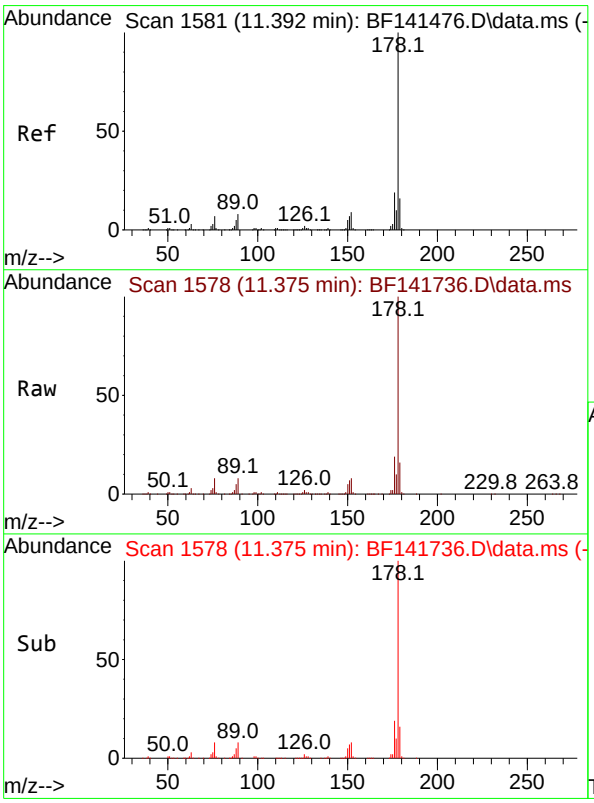
#71
Phenanthrene
Concen: 44.502 ng
RT: 11.328 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:178 Resp: 778692

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.4	18.6

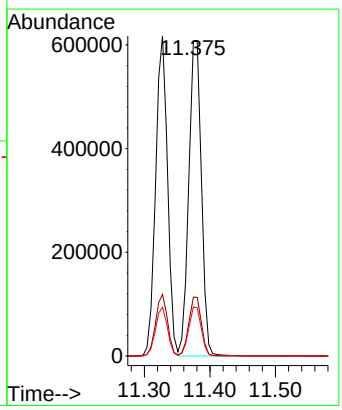


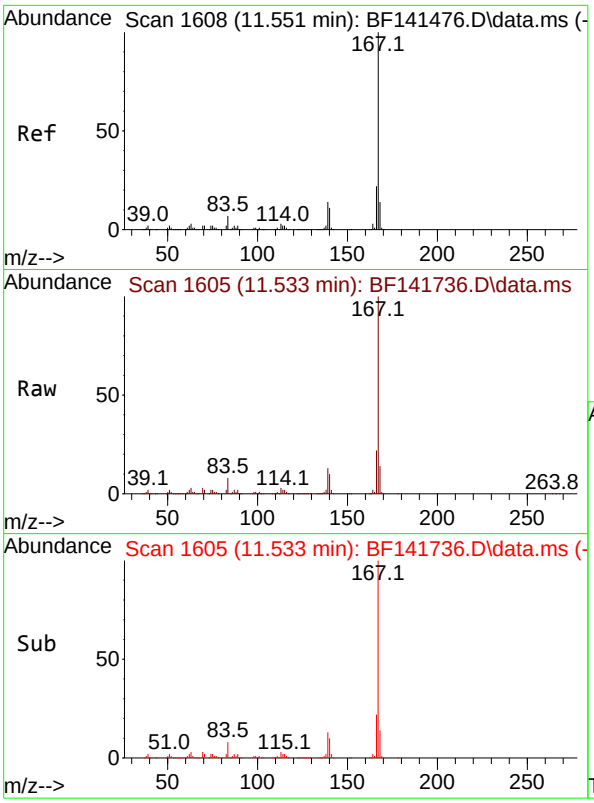


#72
Anthracene
Concen: 46.039 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:178 Resp: 809814

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.6	12.4	18.6



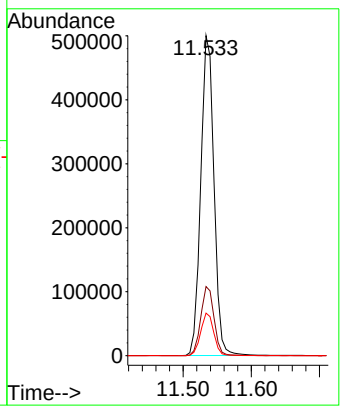


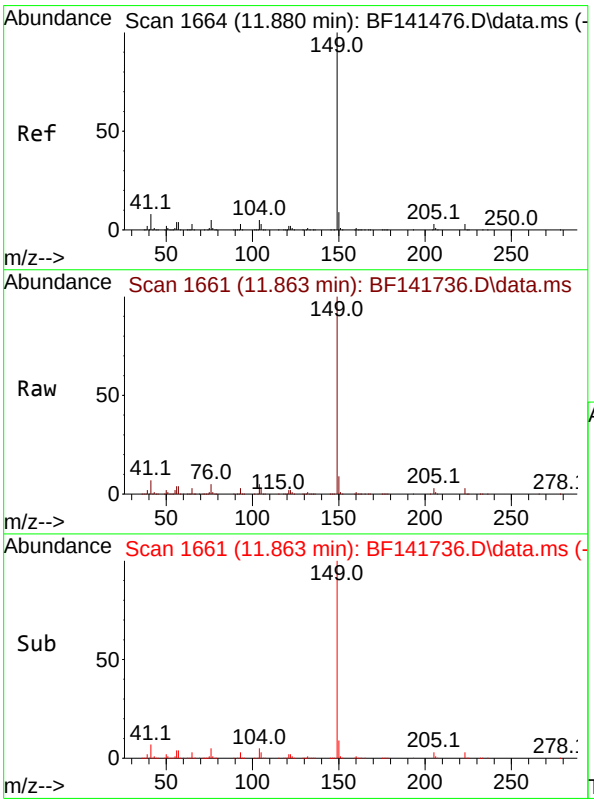
#73
Carbazole
Concen: 42.570 ng
RT: 11.533 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:167 Resp: 673754

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.3	10.9	16.3

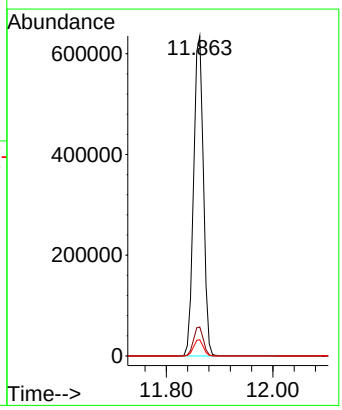


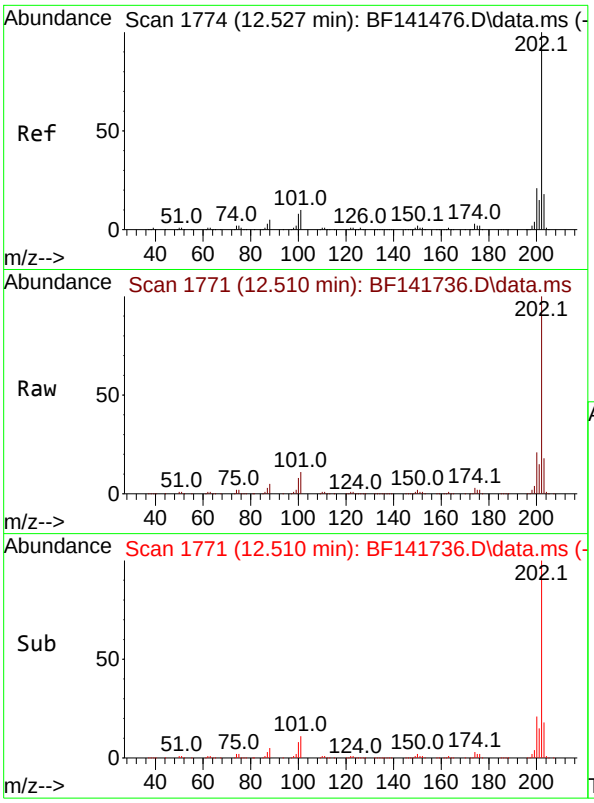


#74
Di-n-butylphthalate
Concen: 44.385 ng
RT: 11.863 min Scan# 1661
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:149 Resp: 811133

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.0	4.2	6.2



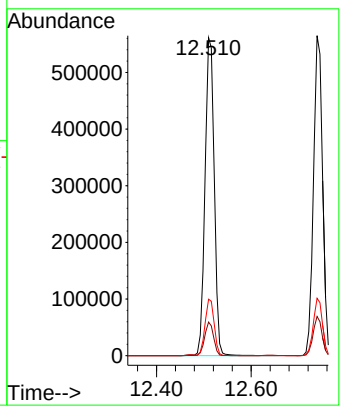


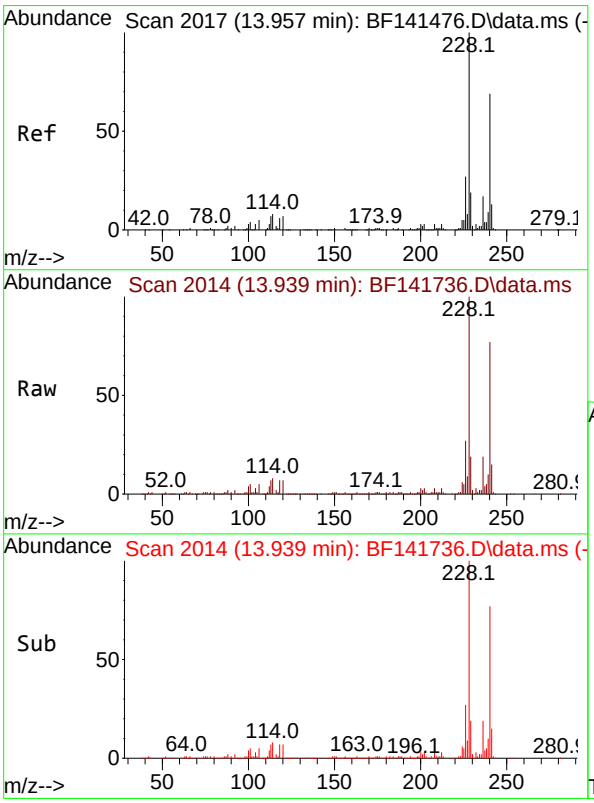
#75
Fluoranthene
Concen: 40.772 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:202 Resp: 756379

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.2
203	17.8	0.0	37.6

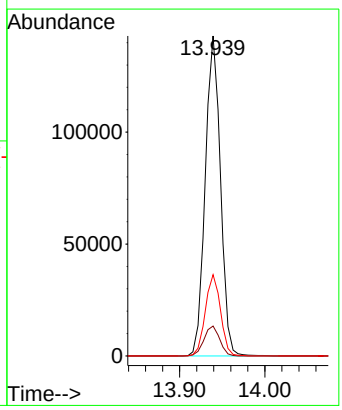


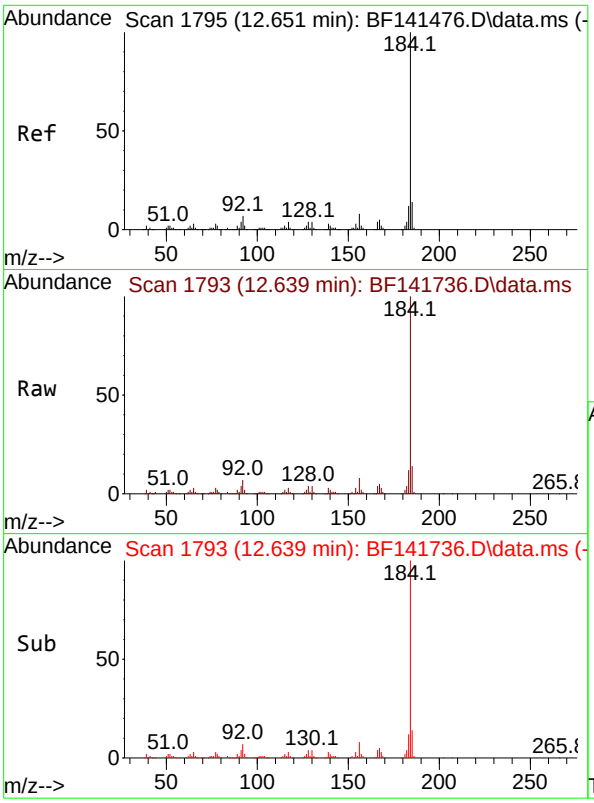


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:240 Resp: 177373

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.0	12.0
236	25.4	19.8	29.8



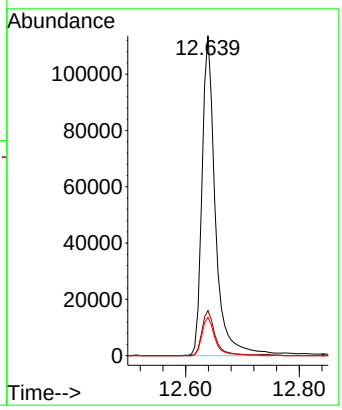


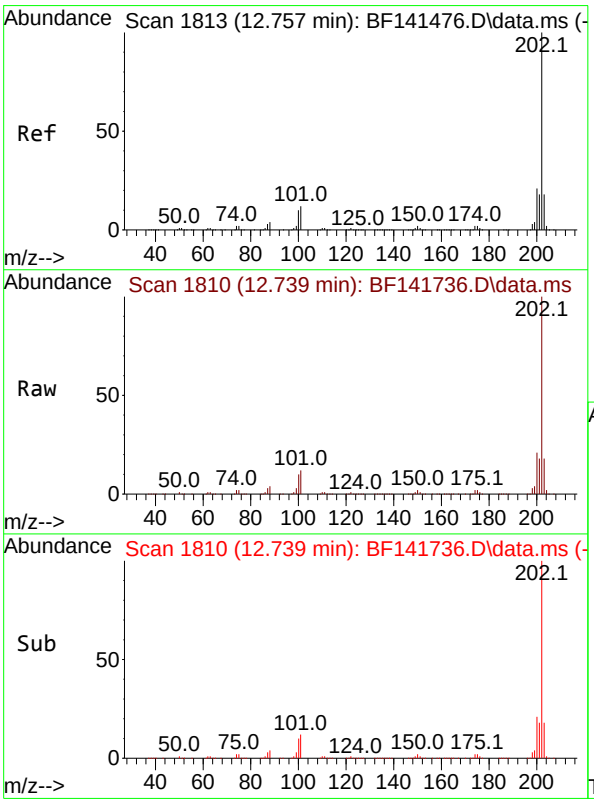
#77
Benzidine
Concen: 47.540 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:184 Resp: 185971

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	12.0	9.3	13.9

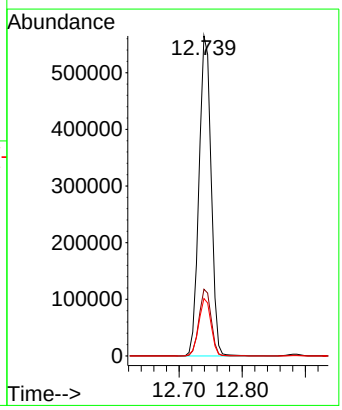


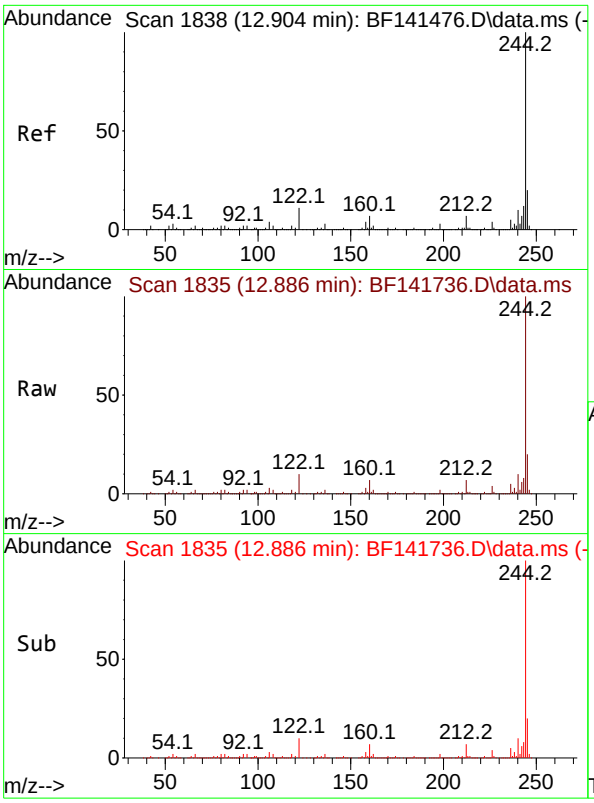


#78
Pyrene
Concen: 49.818 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:202 Resp: 752211

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.9	14.3	21.5



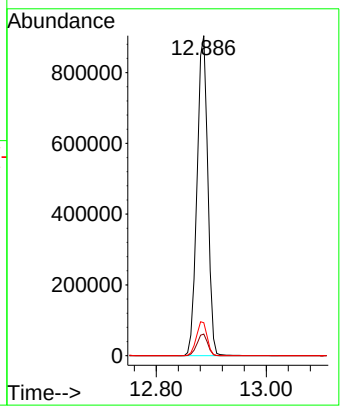


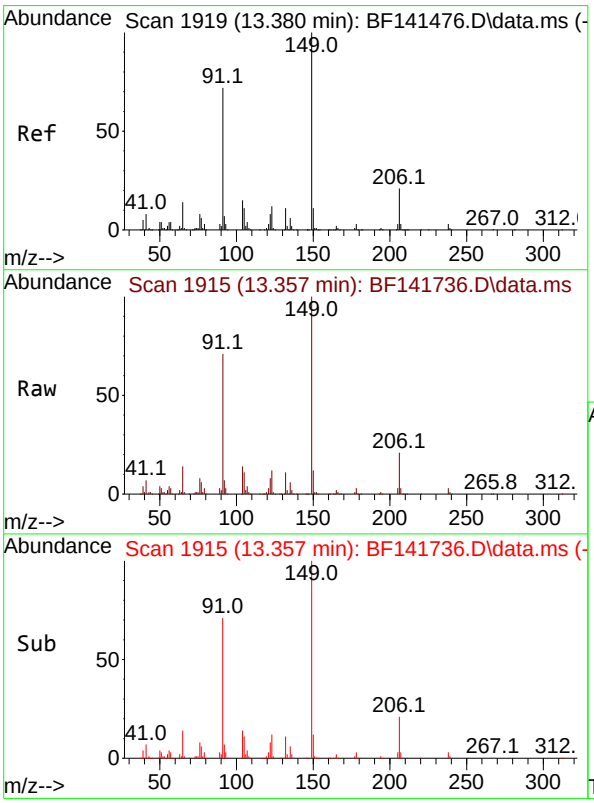
#79
Terphenyl-d14
Concen: 116.895 ng
RT: 12.886 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:244 Resp: 1228188

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.3	8.4	12.6

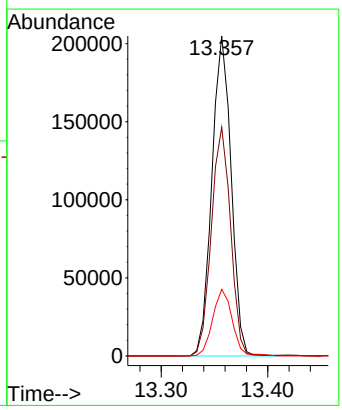


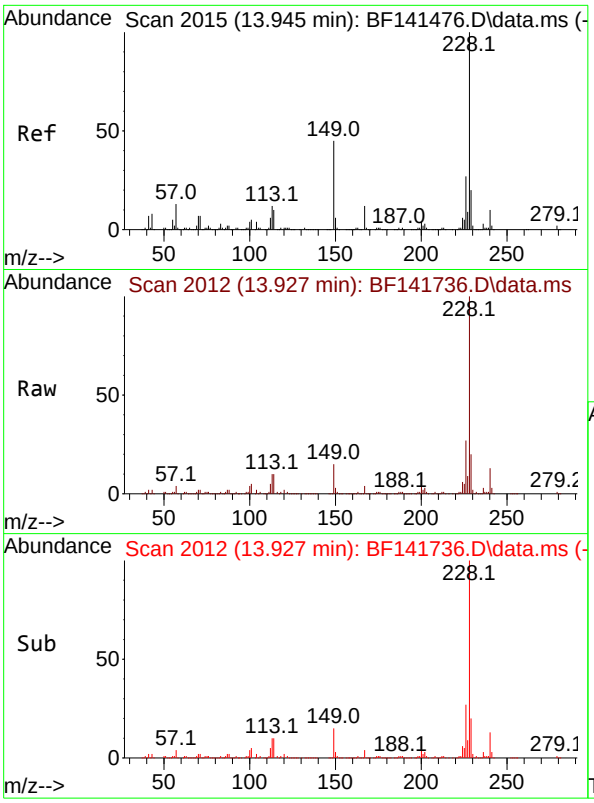


#80
Butylbenzylphthalate
Concen: 49.251 ng
RT: 13.357 min Scan# 1915
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:149 Resp: 257579

Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.8	86.8
206	20.8	16.7	25.1



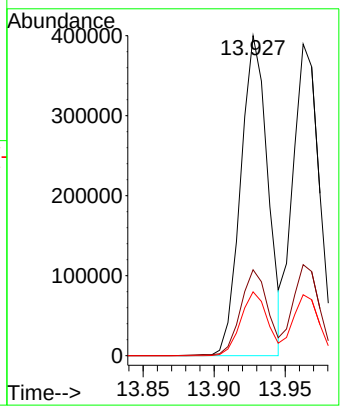


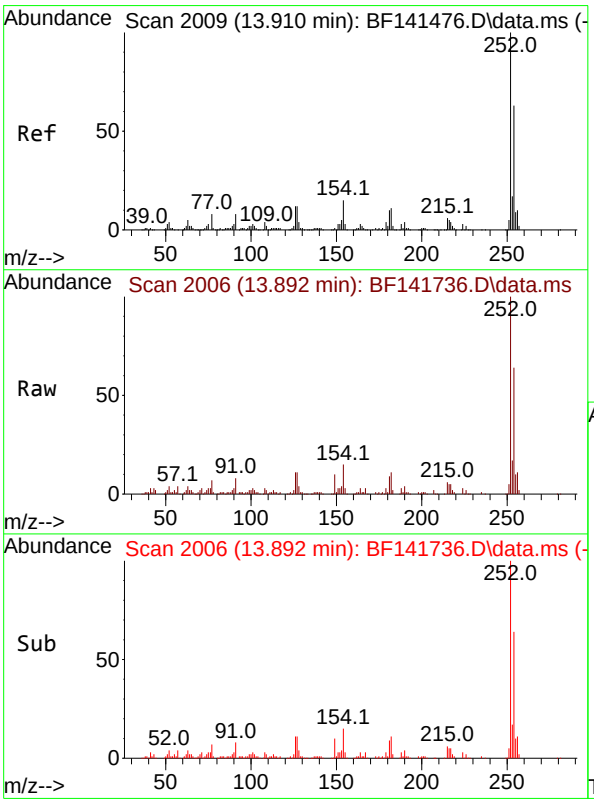
#81
Benzo(a)anthracene
Concen: 44.971 ng
RT: 13.927 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:228 Resp: 530233

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	20.0	15.8	23.6

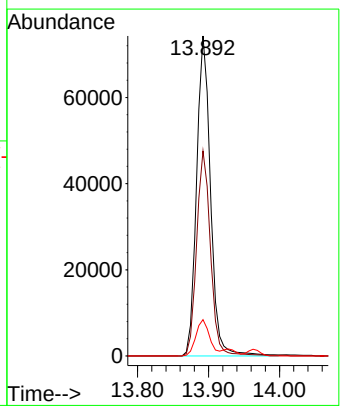


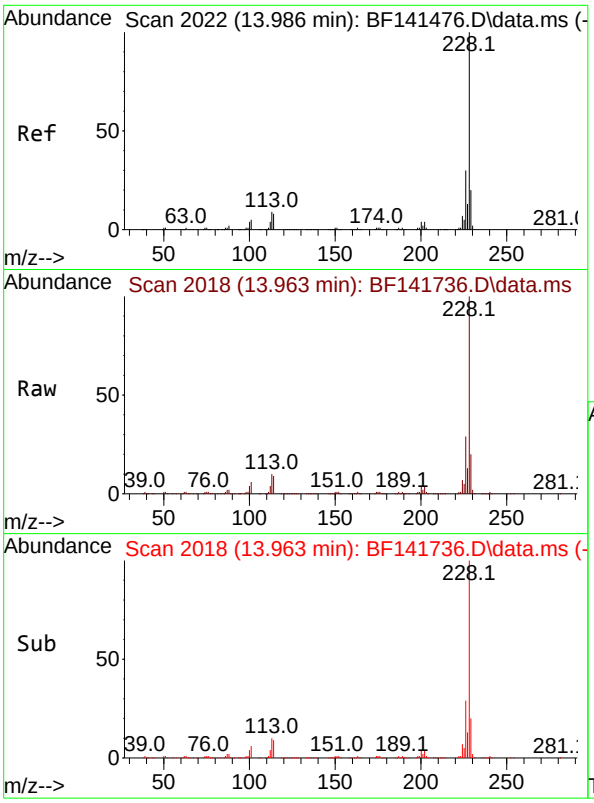


#82
3,3'-Dichlorobenzidine
Concen: 30.123 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:252 Resp: 101741

Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.6	76.0
126	11.3	9.3	13.9



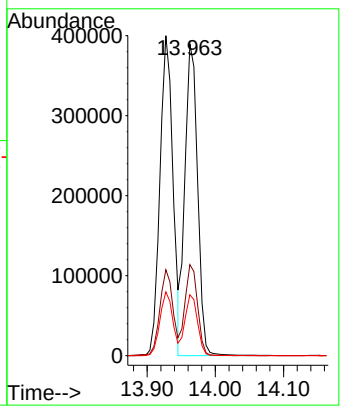


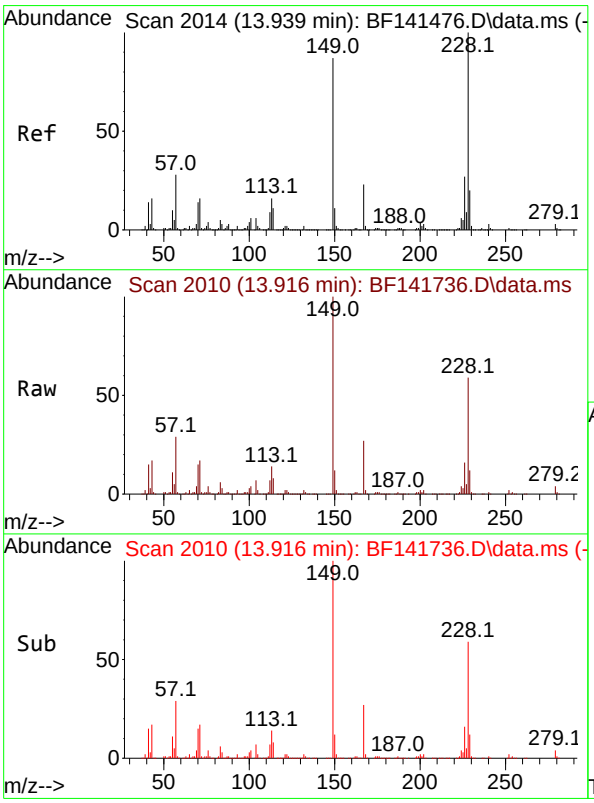
#83
Chrysene
Concen: 46.126 ng
RT: 13.963 min Scan# 2(
Delta R.T. -0.029 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:228 Resp: 502163

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.5	15.7	23.5

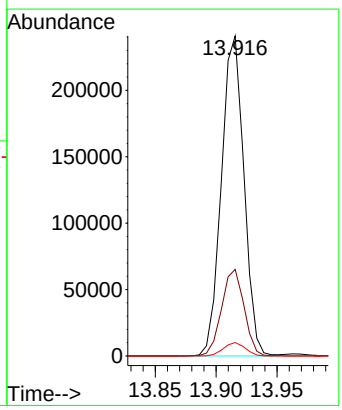


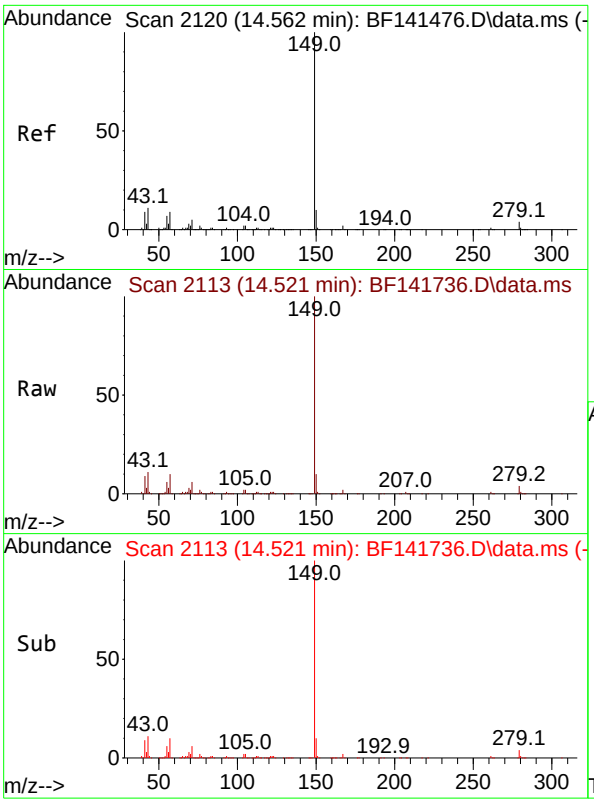


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.576 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:149 Resp: 310125

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.2	3.1	4.7



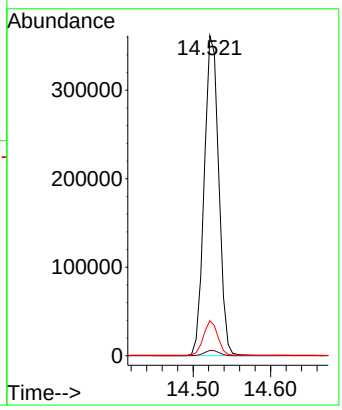


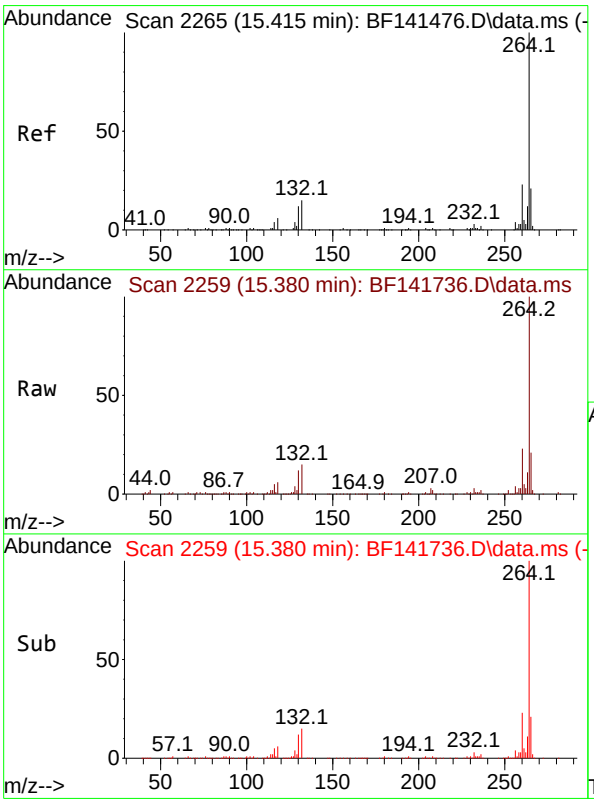
#85
Di-n-octyl phthalate
Concen: 55.916 ng
RT: 14.521 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:149 Resp: 470518

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.6	9.5	14.3

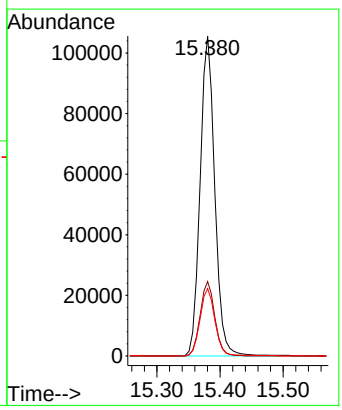


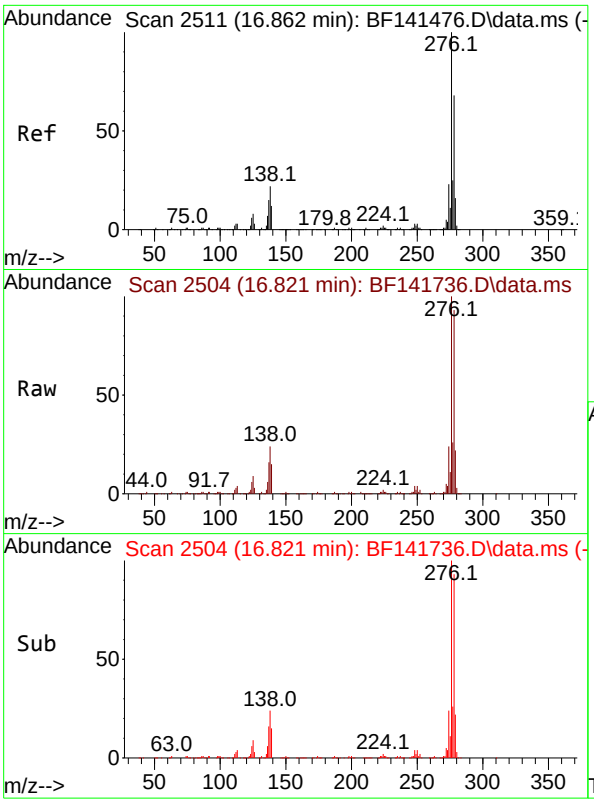


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:264 Resp: 170304

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.0	17.0	25.4



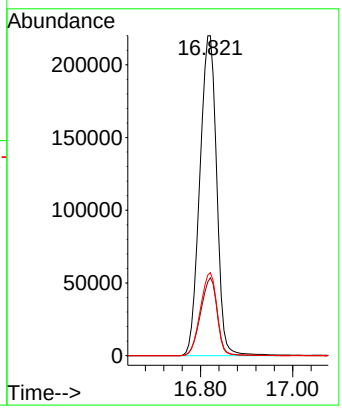


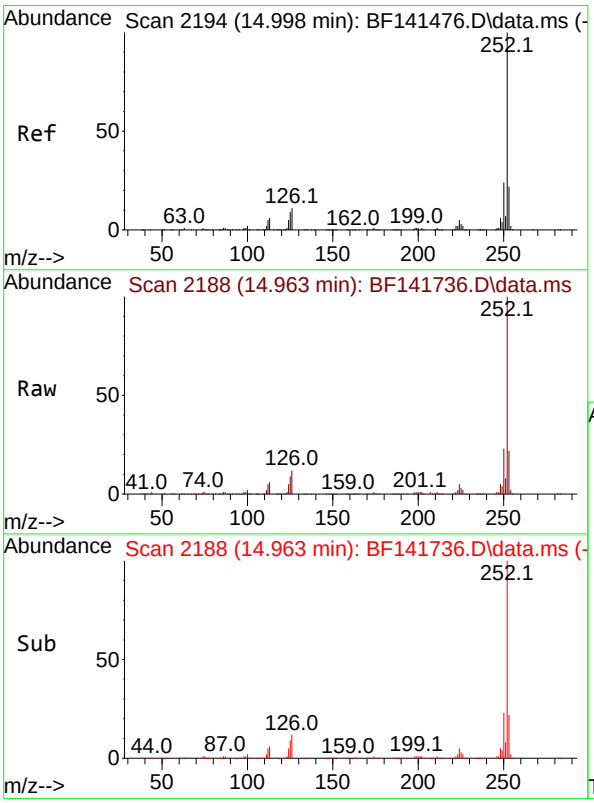
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.349 ng
RT: 16.821 min Scan# 2
Delta R.T. -0.053 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:276 Resp: 561382

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.0	27.0
277	25.7	20.4	30.6

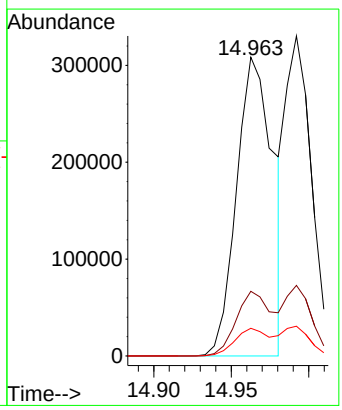


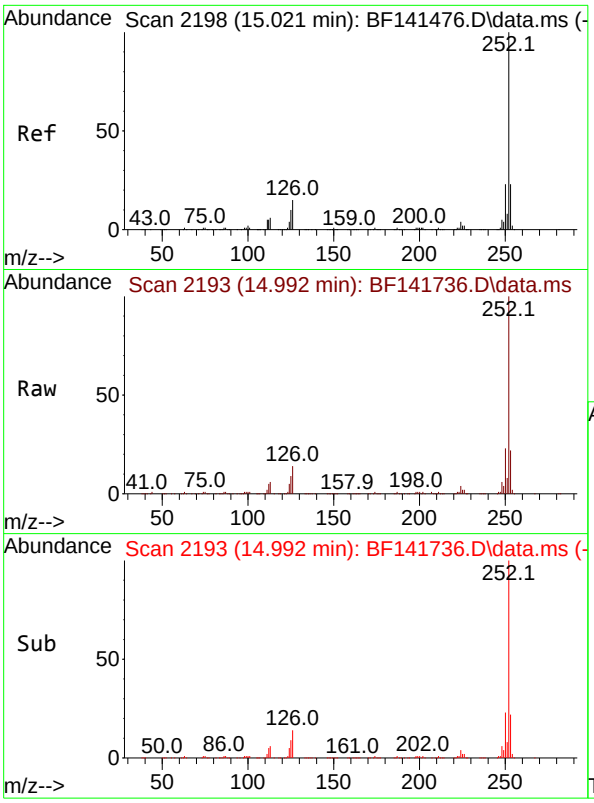


#88
Benzo(b)fluoranthene
Concen: 44.228 ng
RT: 14.963 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:252 Resp: 505746

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.3	7.0	10.6



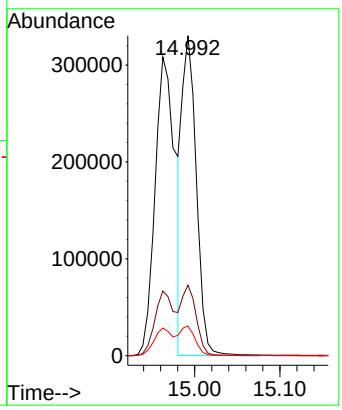


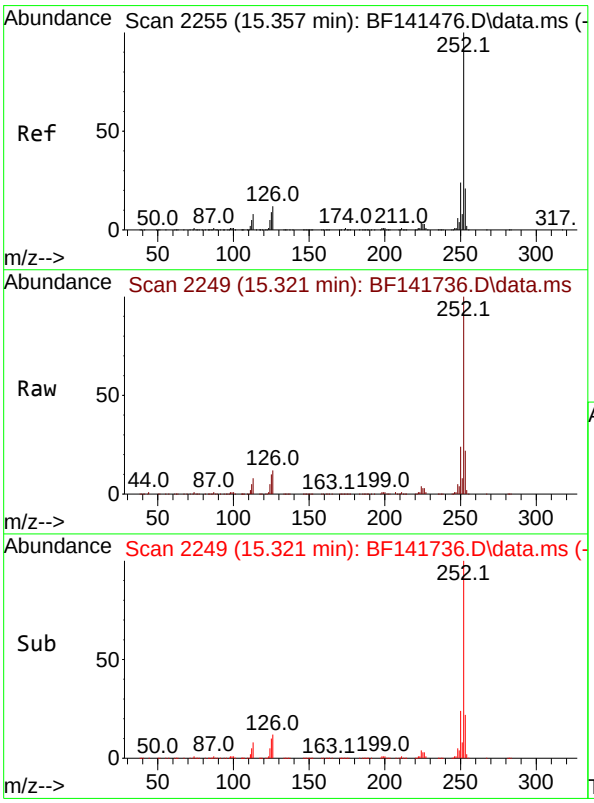
#89
Benzo(k)fluoranthene
Concen: 39.673 ng
RT: 14.992 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:252 Resp: 387388

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.3	7.4	11.0

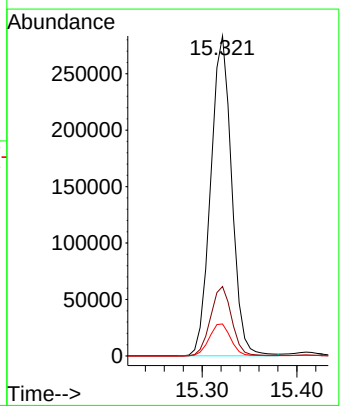


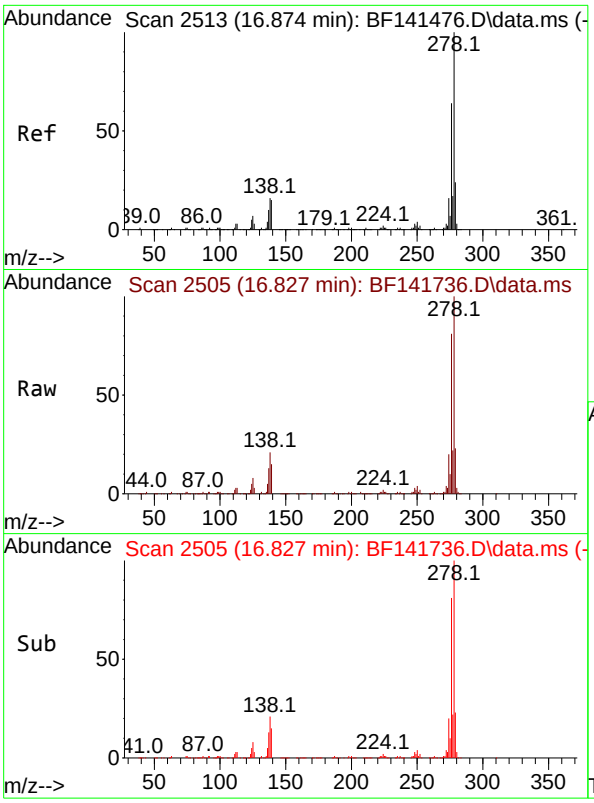


#90
Benzo(a)pyrene
Concen: 47.117 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:252 Resp: 435973

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.0	7.4	11.2



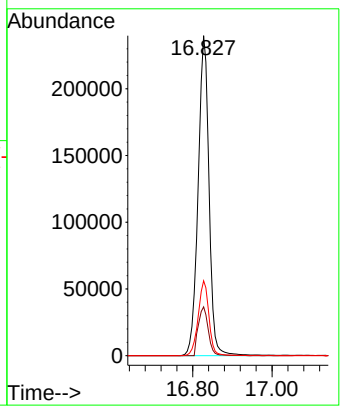


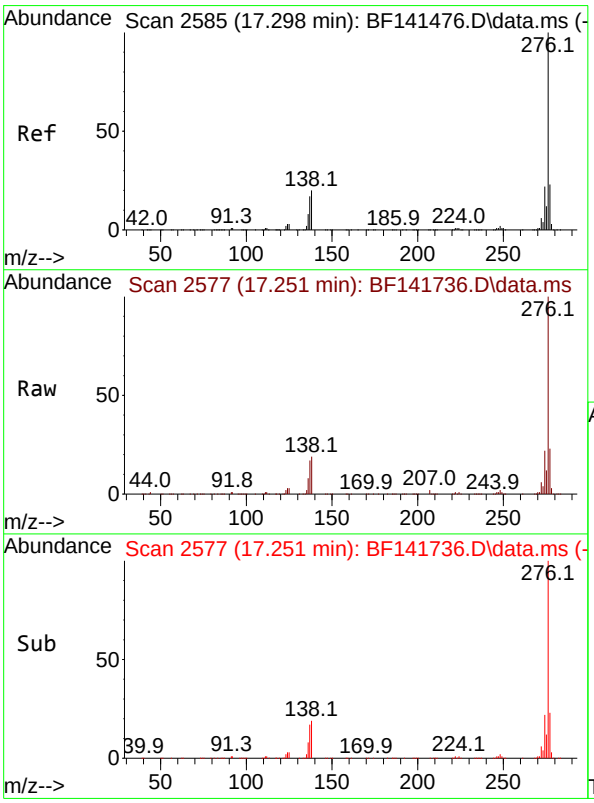
#91
Dibenzo(a,h)anthracene
Concen: 53.781 ng
RT: 16.827 min Scan# 2
Delta R.T. -0.064 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

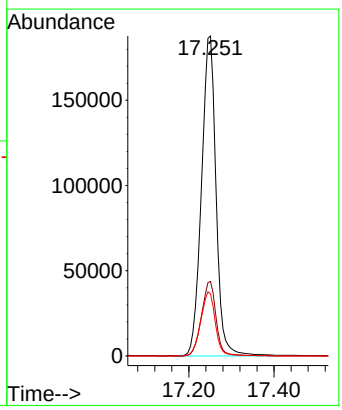
Tgt Ion:278 Resp: 458564

Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.8	17.6
279	23.4	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 49.991 ng
RT: 17.251 min Scan# 2577
Delta R.T. -0.064 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:276 Resp: 446056

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	19.4	15.9	23.9