Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143246.D
Acq On : 25 Jul 2025 12:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 25 13:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	115096	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	443616	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	235333	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	408518	20.000	ng		0.00
76) Chrysene-d12	14.133	240	235891	20.000	ng		0.01
86) Perylene-d12	15.639	264	228396	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	499657	68.698	ng		0.00
7) Phenol-d6	6.593	99	630005	68.818	ng		0.00
23) Nitrobenzene-d5	7.522	82	655640	73.671	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	187419	77.092	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1216459	70.694	ng		0.00
79) Terphenyl-d14	13.074	244	1179358	74.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	111888	32.511	ng		98
3) Pyridine	3.581	79	294625	32.983	ng		99
4) n-Nitrosodimethylamine	3.522	42	158698	34.410	ng		97
6) Aniline	6.622	93	437543	34.294	ng		97
8) 2-Chlorophenol	6.751	128	272751	35.776	ng		97
9) Benzaldehyde	6.516	77	239260	34.854	ng		99
10) Phenol	6.604	94	359225	36.019	ng		95
11) bis(2-Chloroethyl)ether	6.693	93	262125	34.327	ng		99
12) 1,3-Dichlorobenzene	6.910	146	294050	35.505	ng		98
13) 1,4-Dichlorobenzene	6.981	146	296708	35.575	ng		99
14) 1,2-Dichlorobenzene	7.134	146	285764	36.024	ng		99
15) Benzyl Alcohol	7.098	79	256234	36.657	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	487707	34.430	ng		99
17) 2-Methylphenol	7.210	107	225774	35.221	ng		98
18) Hexachloroethane	7.481	117	105382	36.498	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	204098	34.750	ng		99
20) 3+4-Methylphenols	7.363	107	278484	35.807	ng	#	81
22) Acetophenone	7.369	105	371749	35.396	ng		97
24) Nitrobenzene	7.540	77	300970	36.274	ng		99
25) Isophorone	7.781	82	557973	35.516	ng		99
26) 2-Nitrophenol	7.857	139	146315	40.632	ng		98
27) 2,4-Dimethylphenol	7.892	122	253720	34.566	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	328705	34.896	ng		98
29) 2,4-Dichlorophenol	8.098	162	225086	36.362	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	241735	36.147	ng		99
31) Naphthalene	8.269	128	784110	35.890	ng		100
32) Benzoic acid	7.992	122	126220	32.412	ng		98
33) 4-Chloroaniline	8.310	127	319885	35.858	ng		100
34) Hexachlorobutadiene	8.387	225	151515	37.088	ng		99
35) Caprolactam	8.675	113	73711	39.406	ng		97
36) 4-Chloro-3-methylphenol	8.787	107	251065	37.316	ng		99
37) 2-Methylnaphthalene	8.957	142	484054	36.410	ng		99
38) 1-Methylnaphthalene	9.057	142	496100	36.238	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	246094	36.221	ng		99
41) Hexachlorocyclopentadiene	9.116	237	159894	36.168	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	166283	35.362	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143246.D
Acq On : 25 Jul 2025 12:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 25 13:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

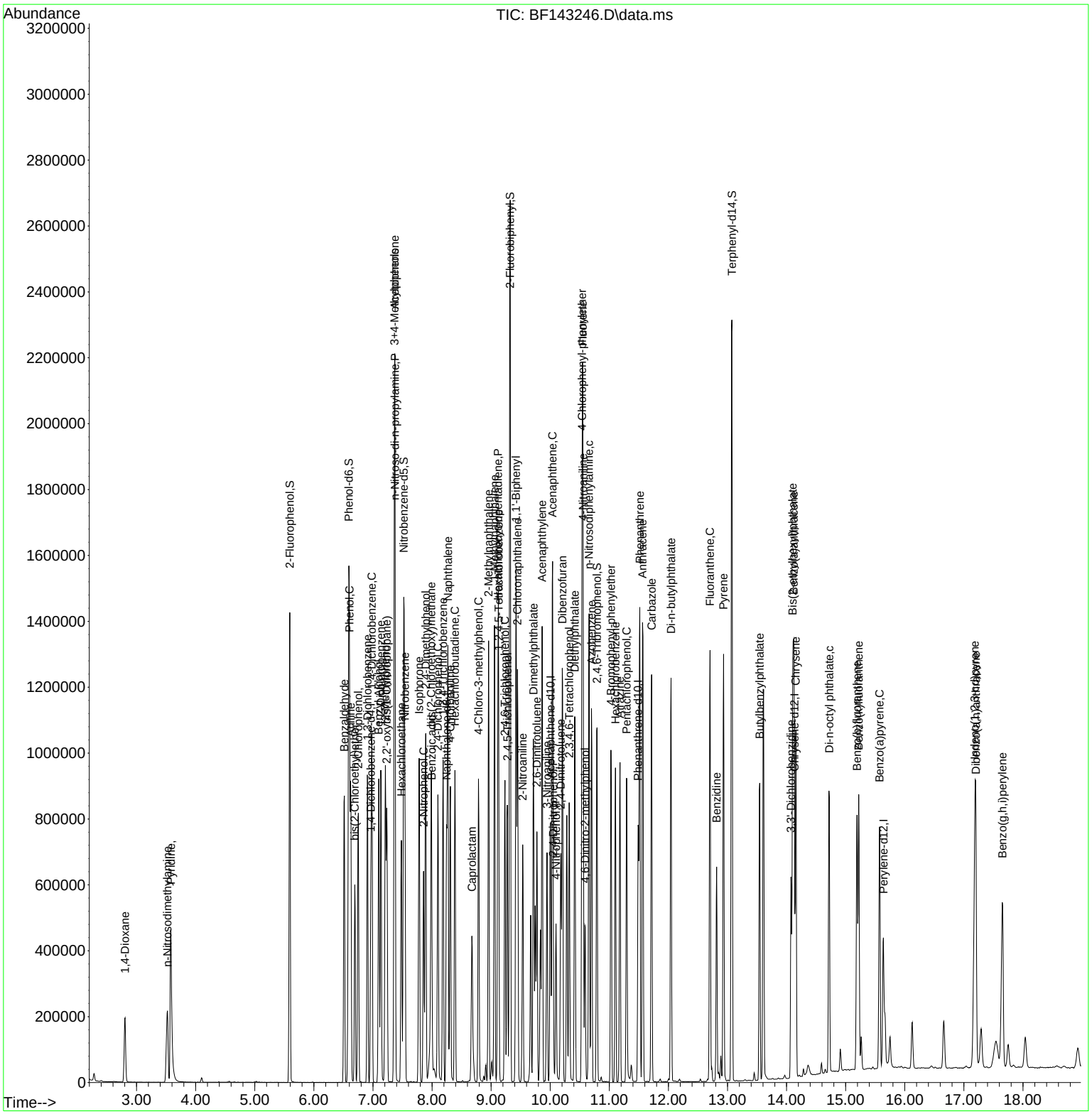
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	175318	37.273	ng		99
46) 1,1'-Biphenyl	9.422	154	658681	35.875	ng		99
47) 2-Chloronaphthalene	9.445	162	482479	35.514	ng		100
48) 2-Nitroaniline	9.534	65	168138	39.465	ng		98
49) Acenaphthylene	9.863	152	816856	35.879	ng		100
50) Dimethylphthalate	9.716	163	567491	36.995	ng		100
51) 2,6-Dinitrotoluene	9.775	165	125086	40.085	ng		99
52) Acenaphthene	10.039	154	495770	36.842	ng		98
53) 3-Nitroaniline	9.945	138	141707	38.824	ng		98
54) 2,4-Dinitrophenol	10.051	184	57068	43.653	ng	#	3
55) Dibenzofuran	10.204	168	712751	35.676	ng		99
56) 4-Nitrophenol	10.098	139	98166	36.016	ng		98
57) 2,4-Dinitrotoluene	10.181	165	165180	42.191	ng		94
58) Fluorene	10.551	166	547987	36.546	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	144333	37.043	ng		99
60) Diethylphthalate	10.416	149	576460	38.021	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	276044	36.972	ng		99
62) 4-Nitroaniline	10.557	138	128253	40.999	ng		98
63) Azobenzene	10.698	77	566452	35.847	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	85197	40.709	ng		97
66) n-Nitrosodiphenylamine	10.657	169	488103	33.931	ng		98
67) 4-Bromophenyl-phenylether	11.028	248	170865	35.096	ng		98
68) Hexachlorobenzene	11.104	284	176446	34.675	ng		98
69) Atrazine	11.180	200	150987	38.072	ng		100
70) Pentachlorophenol	11.292	266	150859	50.413	ng		98
71) Phenanthrene	11.516	178	755968	34.852	ng		100
72) Anthracene	11.563	178	772558	34.922	ng		100
73) Carbazole	11.716	167	700432	36.259	ng		100
74) Di-n-butylphthalate	12.045	149	858061	39.257	ng		100
75) Fluoranthene	12.704	202	758999	38.122	ng		99
77) Benzidine	12.816	184	342804	37.719	ng		99
78) Pyrene	12.933	202	746974	37.104	ng		100
80) Butylbenzylphthalate	13.545	149	293433	47.599	ng		97
81) Benzo(a)anthracene	14.121	228	568068	35.970	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	177927	33.803	ng		99
83) Chrysene	14.157	228	504391	35.522	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	380963	40.828	ng		100
85) Di-n-octyl phthalate	14.721	149	573476	33.907	ng		99
87) Indeno(1,2,3-cd)pyrene	17.186	276	585841	36.376	ng		98
88) Benzo(b)fluoranthene	15.192	252	472520	33.865	ng		99
89) Benzo(k)fluoranthene	15.221	252	472515	37.950	ng		99
90) Benzo(a)pyrene	15.574	252	462725	35.994	ng		99
91) Dibenzo(a,h)anthracene	17.204	278	480508	36.656	ng		98
92) Benzo(g,h,i)perylene	17.651	276	476723	37.596	ng		98

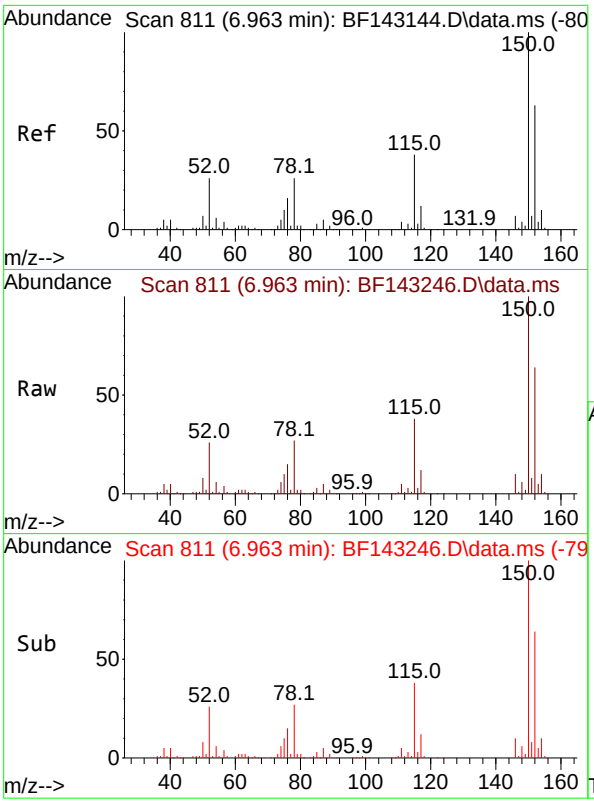
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143246.D
Acq On : 25 Jul 2025 12:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 25 13:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



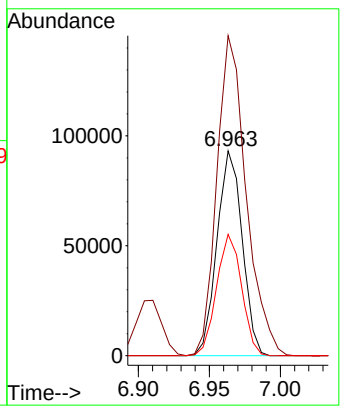


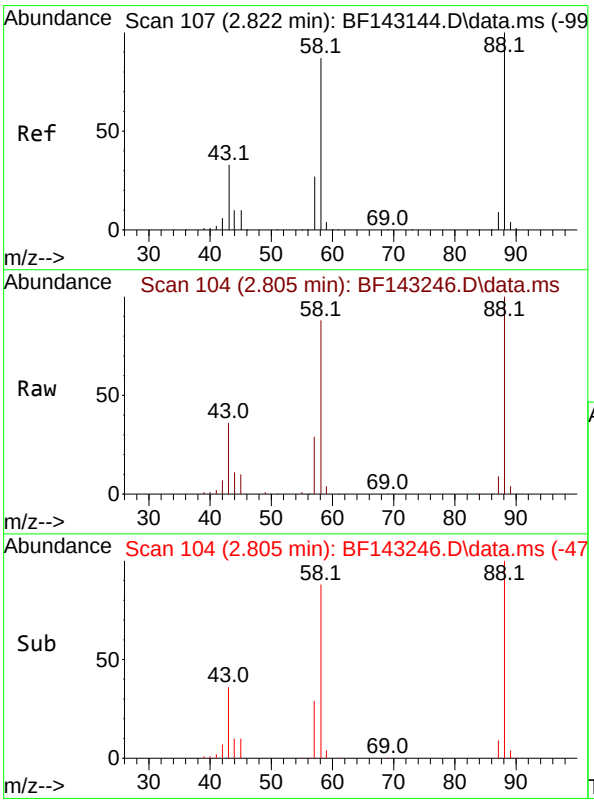
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 115096

Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.2	192.4
115	59.2	47.9	71.9

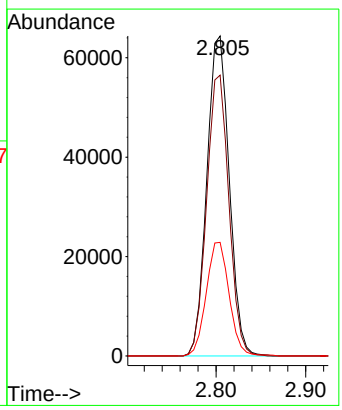


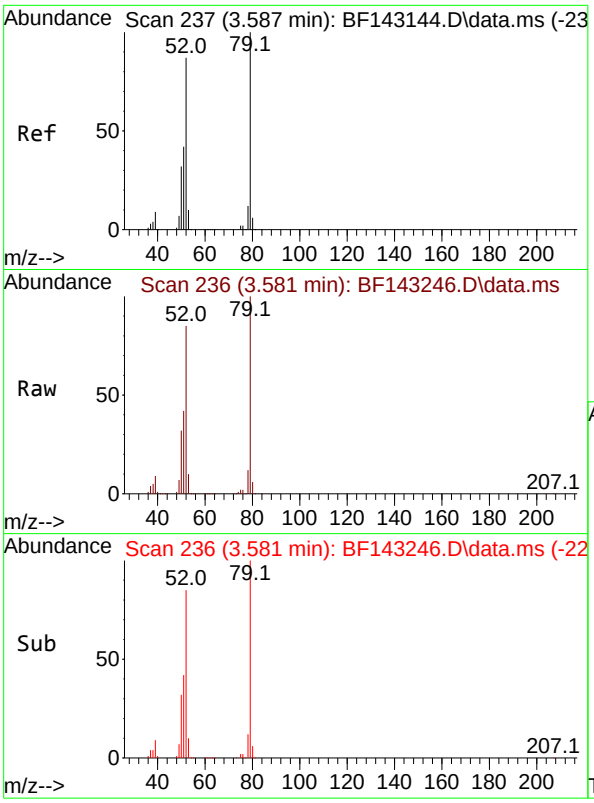


#2
1,4-Dioxane
Concen: 32.511 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 88 Resp: 111888

Ion	Ratio	Lower	Upper
88	100		
58	87.1	70.2	105.2
43	36.3	27.1	40.7



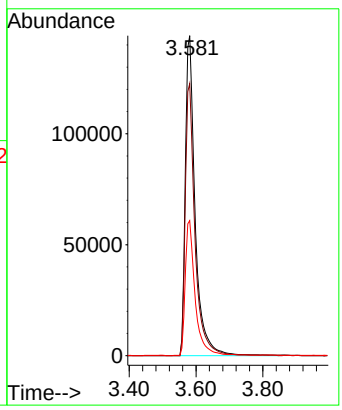


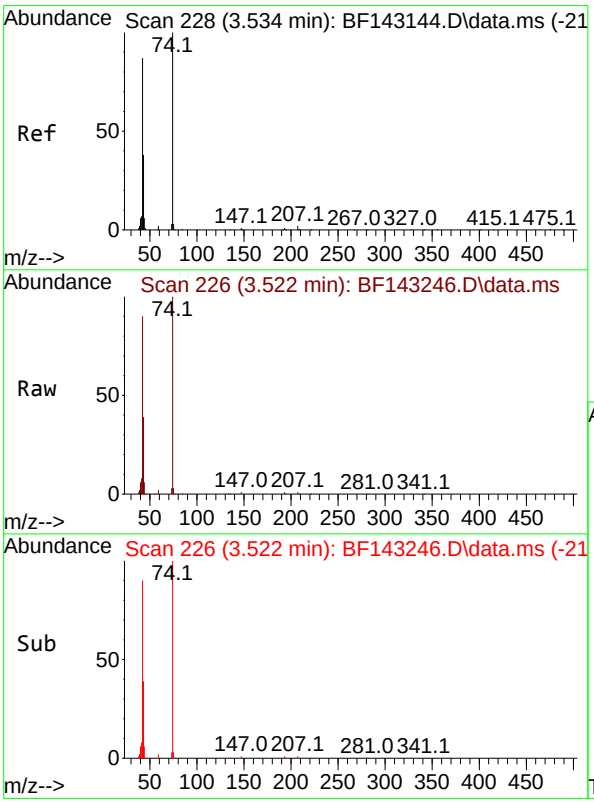
#3
Pyridine
Concen: 32.983 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 294625

Ion	Ratio	Lower	Upper
79	100		
52	85.0	69.4	104.2
51	42.2	33.5	50.3

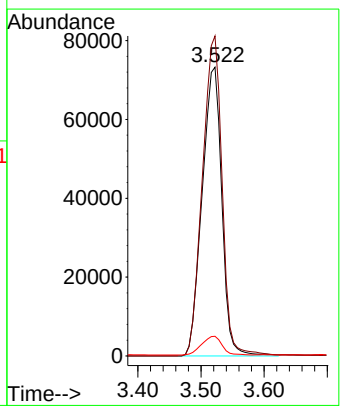


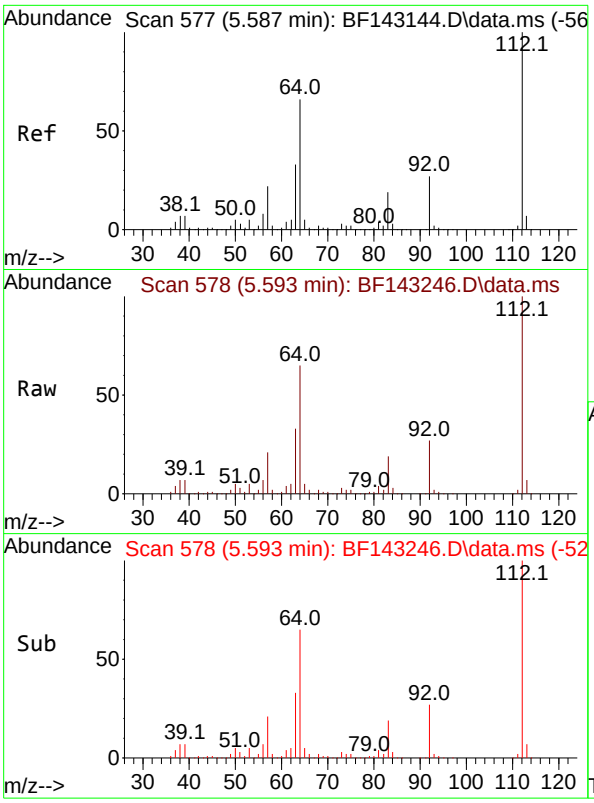


#4
n-Nitrosodimethylamine
Concen: 34.410 ng
RT: 3.522 min Scan# 226
Delta R.T. -0.012 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 42 Resp: 158698

Ion	Ratio	Lower	Upper
42	100		
74	110.8	91.7	137.5
44	6.8	5.6	8.4



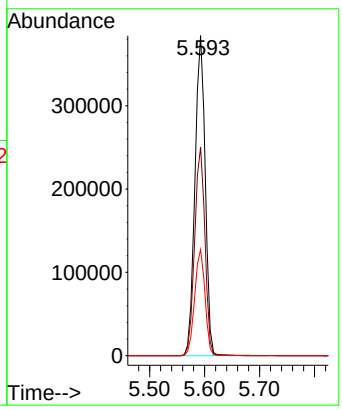


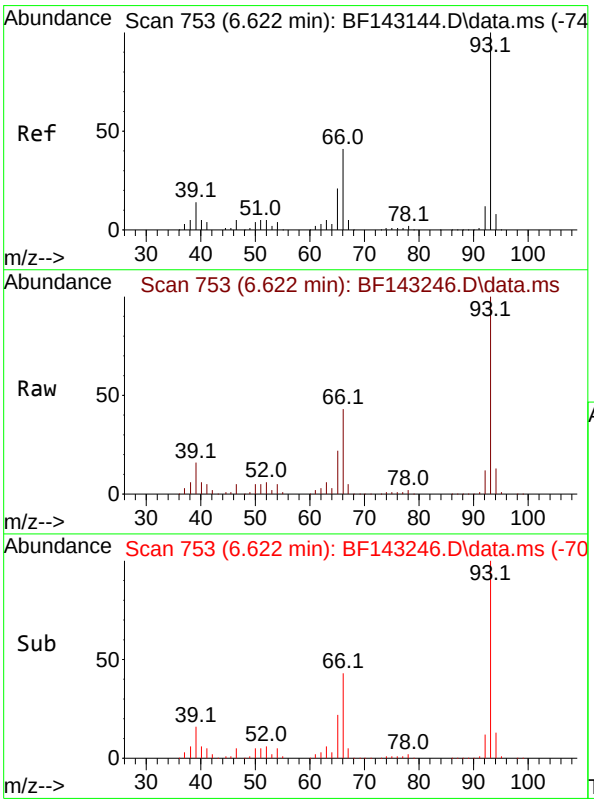
#5
2-Fluorophenol
Concen: 68.698 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 499657

Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.1	79.7
63	33.2	26.6	40.0

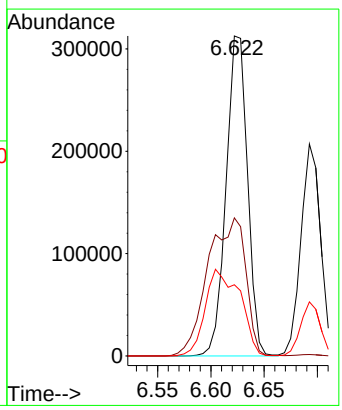


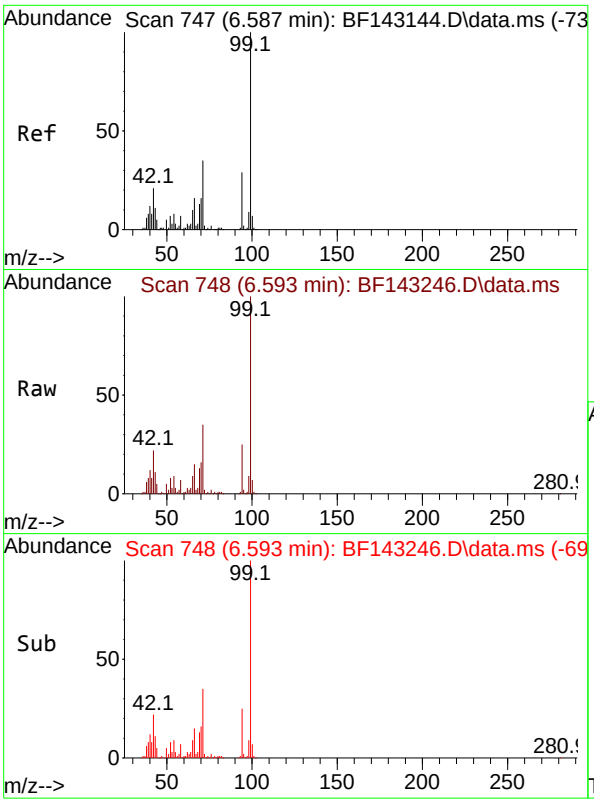


#6
Aniline
Concen: 34.294 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 93 Resp: 437543

Ion	Ratio	Lower	Upper
93	100		
66	43.2	33.2	49.8
65	22.3	16.9	25.3



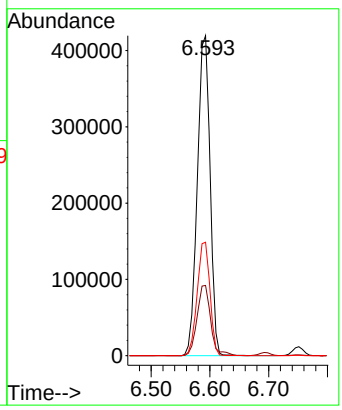


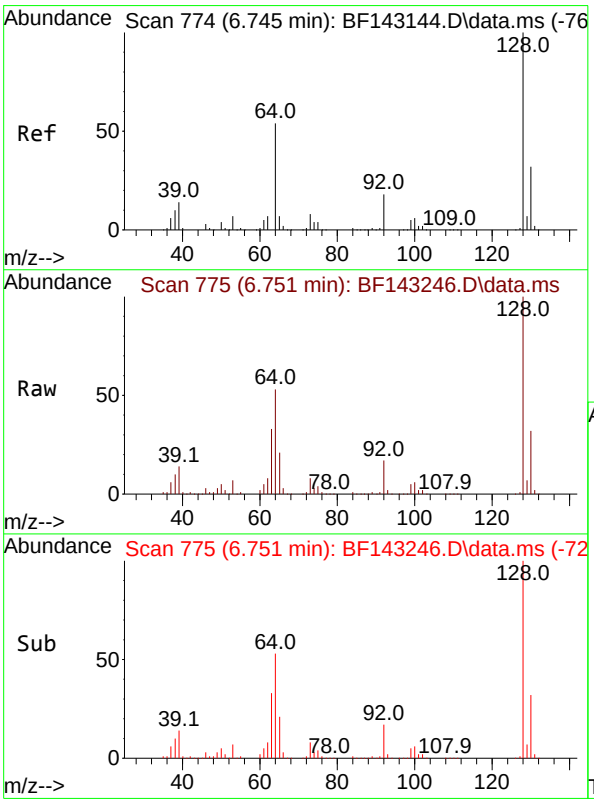
#7
Phenol-d6
Concen: 68.818 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 630005

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.0	25.6
71	35.5	27.7	41.5

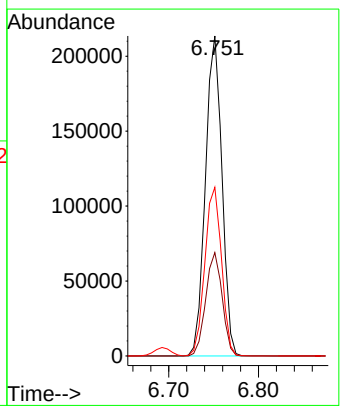


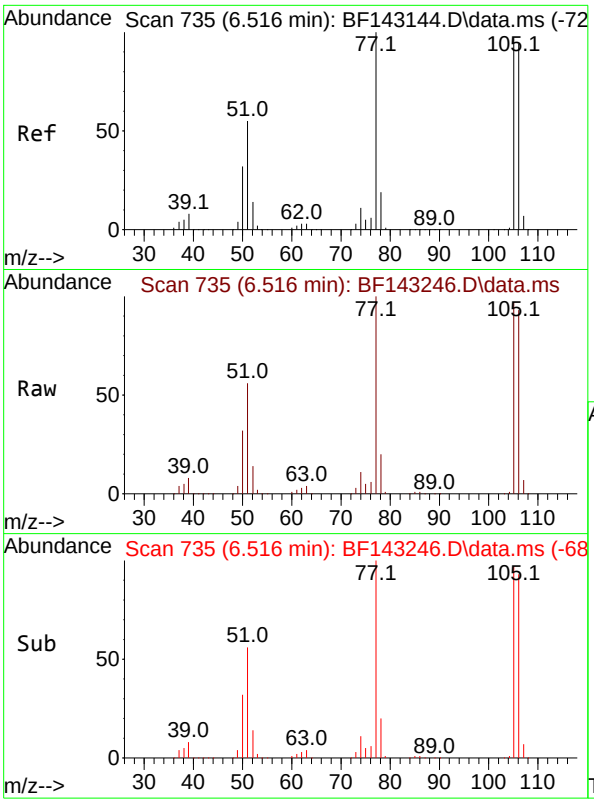


#8
2-Chlorophenol
Concen: 35.776 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:128 Resp: 272751

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	52.7	35.9	75.9



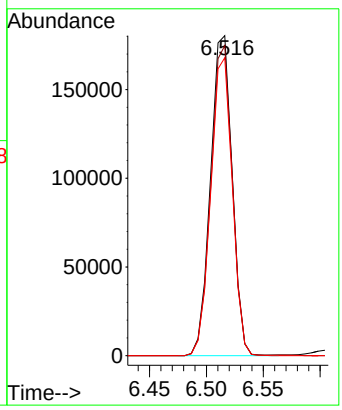


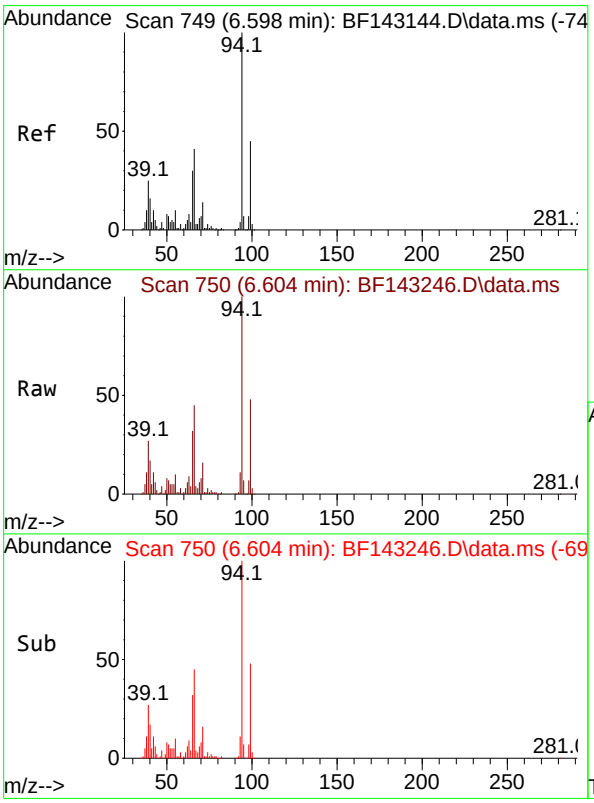
#9
Benzaldehyde
Concen: 34.854 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 239260

Ion	Ratio	Lower	Upper
77	100		
105	96.9	76.8	116.8
106	93.1	74.4	114.4

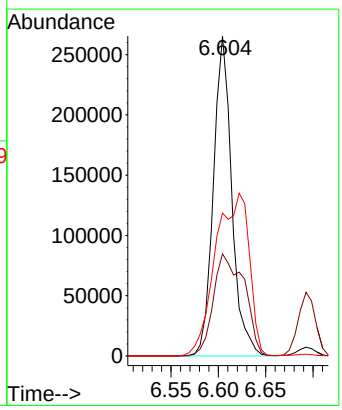


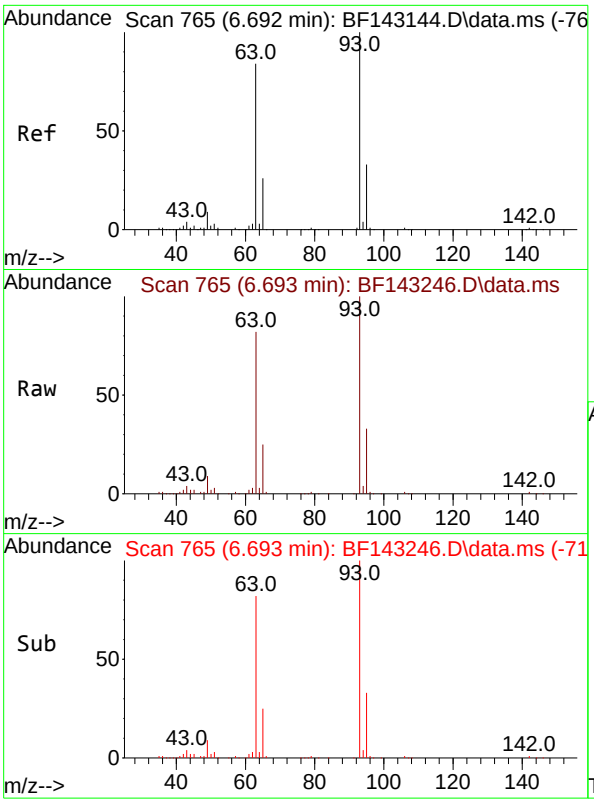


#10
Phenol
Concen: 36.019 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 94 Resp: 359225

Ion	Ratio	Lower	Upper
94	100		
65	31.9	10.0	50.0
66	44.7	20.8	60.8



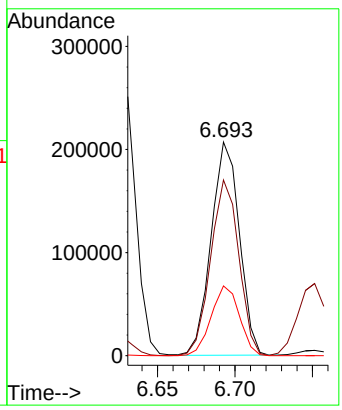


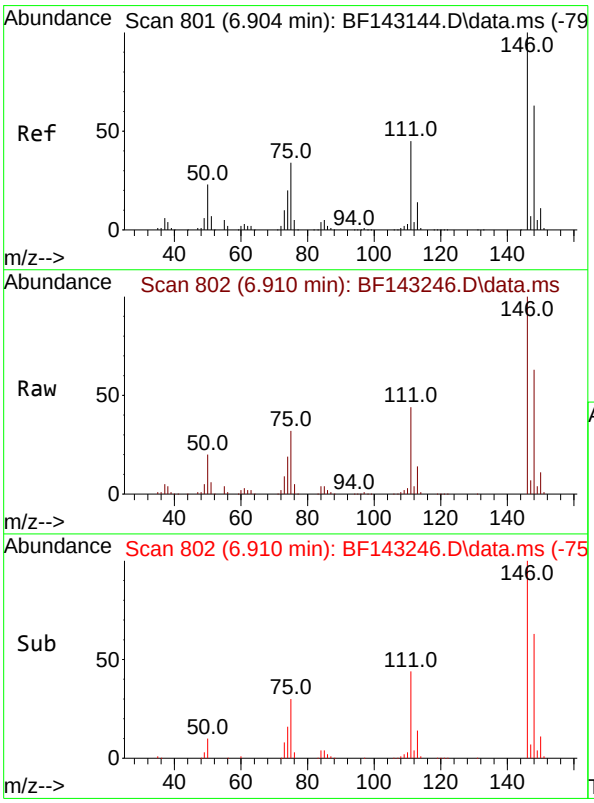
#11
bis(2-Chloroethyl)ether
Concen: 34.327 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 262125

Ion	Ratio	Lower	Upper
93	100		
63	82.2	63.4	103.4
95	32.7	12.4	52.4

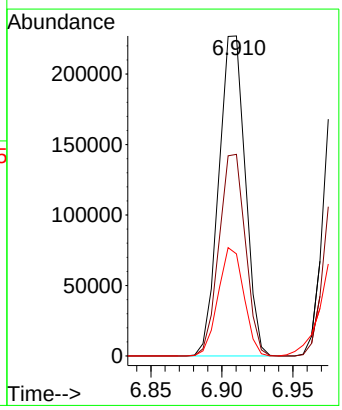


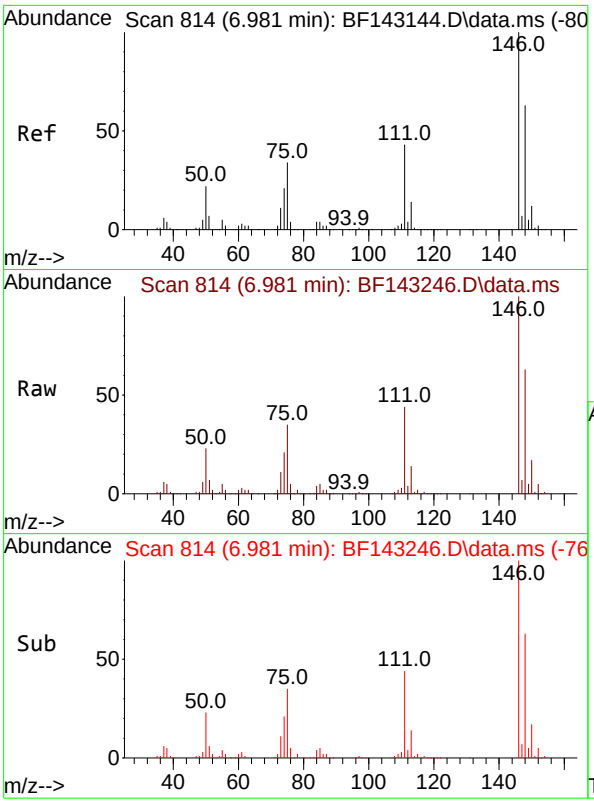


#12
1,3-Dichlorobenzene
Concen: 35.505 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:146 Resp: 294050

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
75	31.9	27.4	41.2



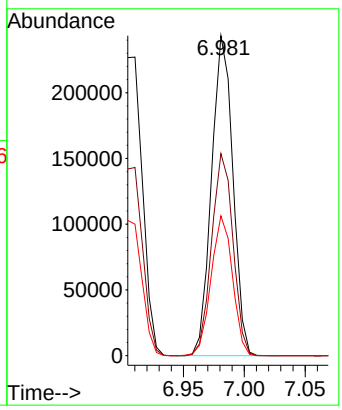


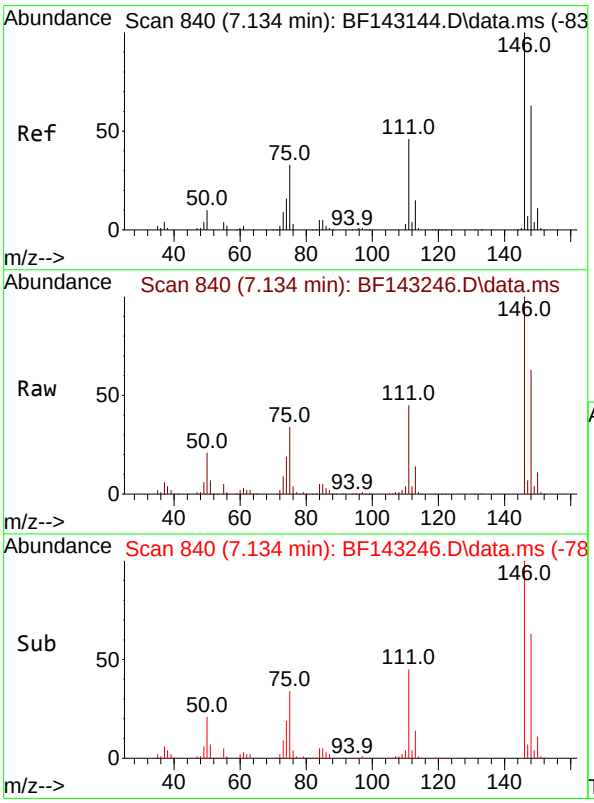
#13
1,4-Dichlorobenzene
Concen: 35.575 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 296708

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
111	43.7	34.4	51.6

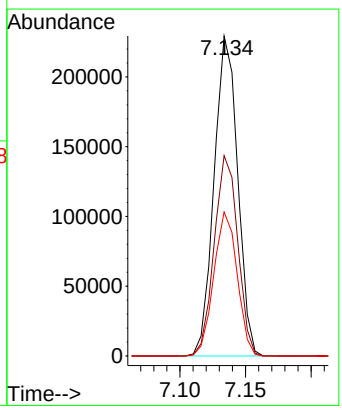


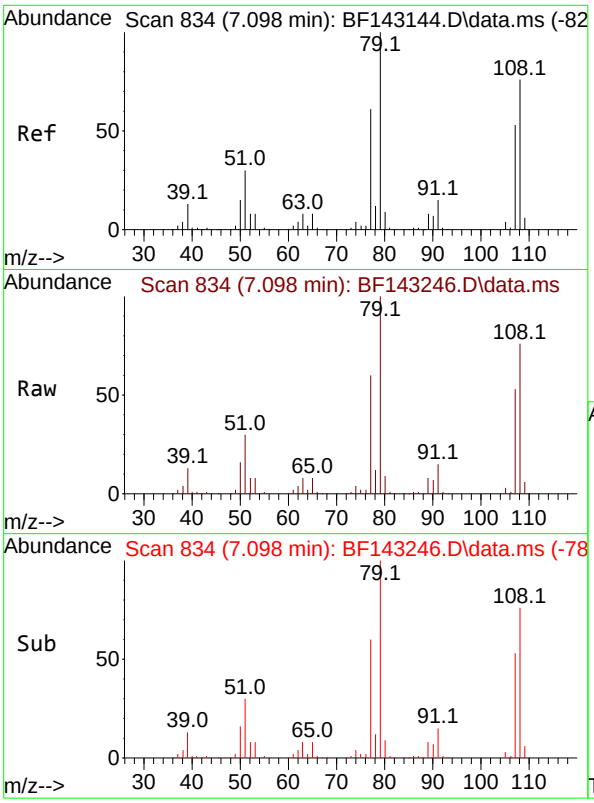


#14
1,2-Dichlorobenzene
Concen: 36.024 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:146 Resp: 285764

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.7	76.1
111	45.0	36.6	54.8



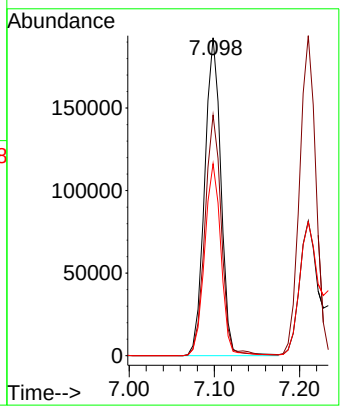


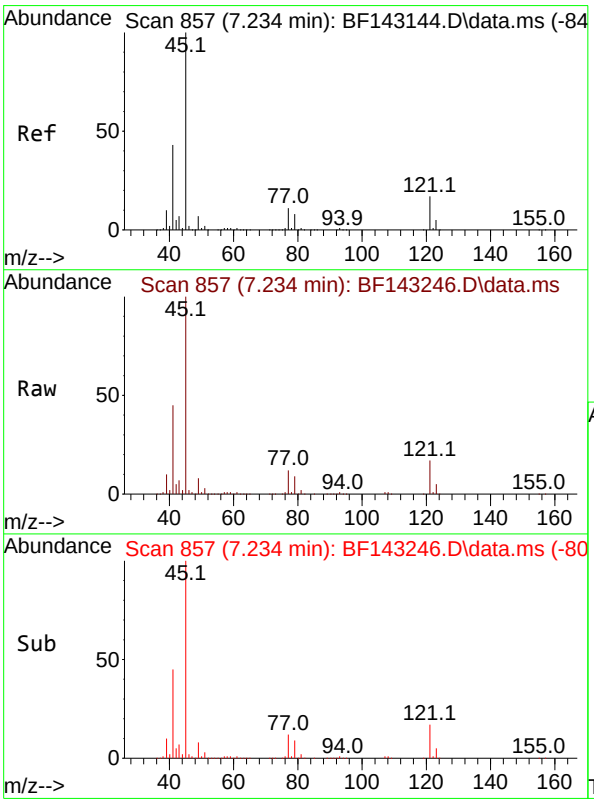
#15
Benzyl Alcohol
Concen: 36.657 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 256234

Ion	Ratio	Lower	Upper
79	100		
108	75.7	61.1	91.7
77	60.4	48.9	73.3

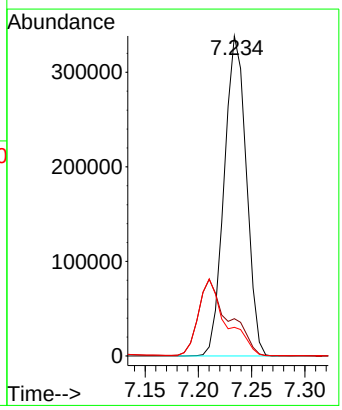


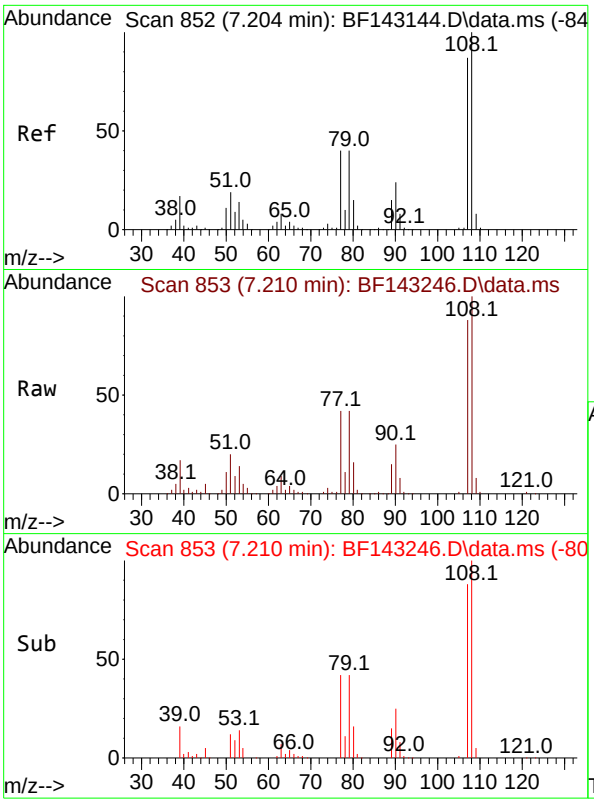


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.430 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 45 Resp: 487707

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.2
79	9.0	0.0	28.5



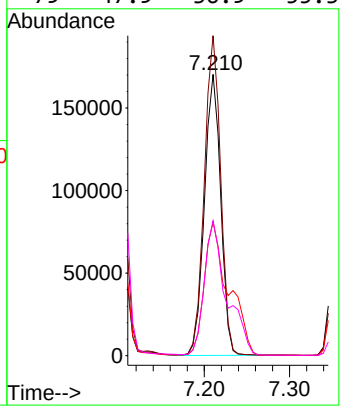


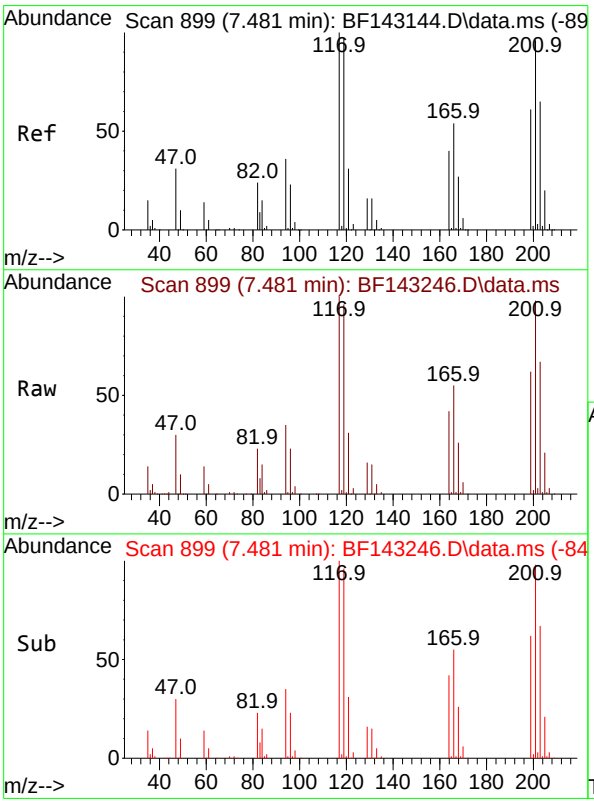
#17
2-Methylphenol
Concen: 35.221 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 225774

Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.8	137.6
77	47.6	37.0	55.6
79	47.9	36.9	55.3

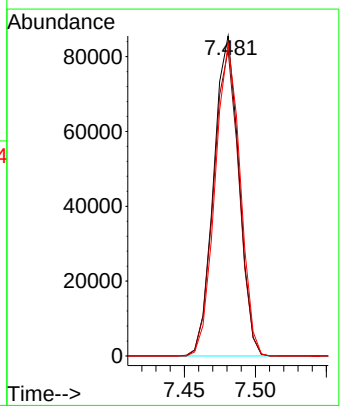


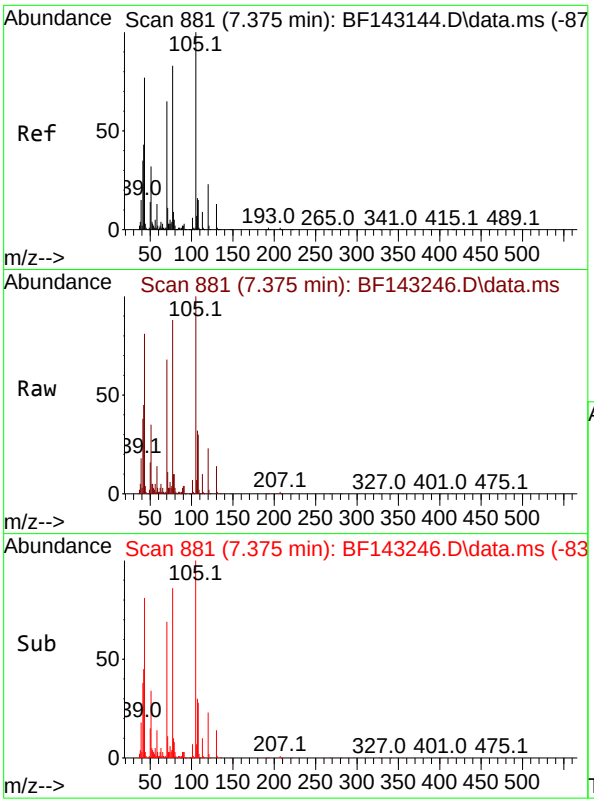


#18
Hexachloroethane
Concen: 36.498 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:117 Resp: 105382

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	97.7	77.0	115.4



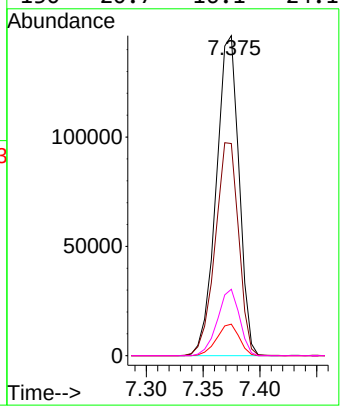


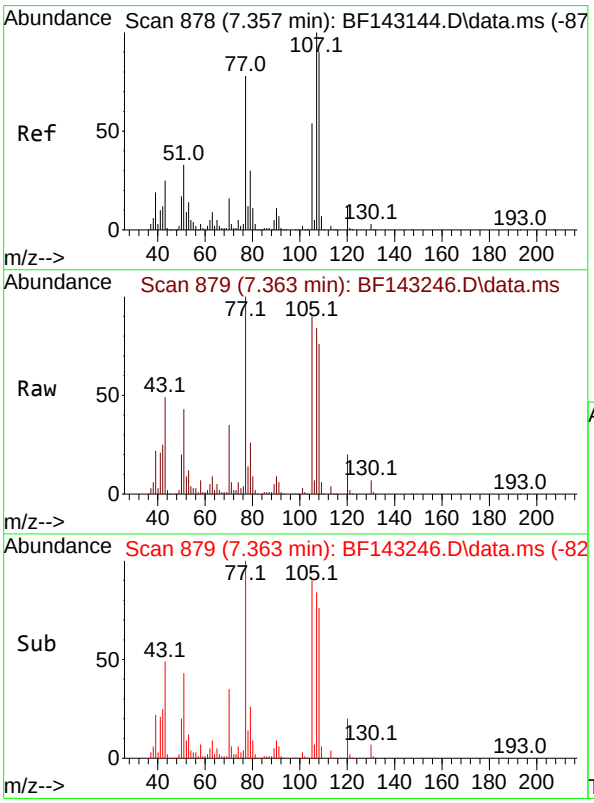
#19
n-Nitroso-di-n-propylamine
Concen: 34.750 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 204098

Ion	Ratio	Lower	Upper
70	100		
42	66.3	52.5	78.7
101	9.8	7.6	11.4
130	20.7	16.1	24.1

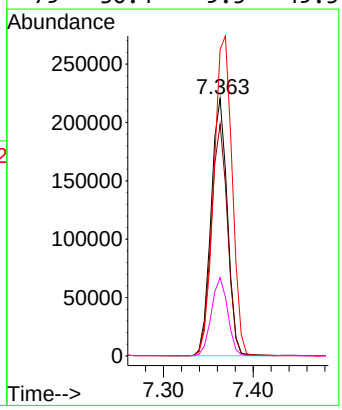


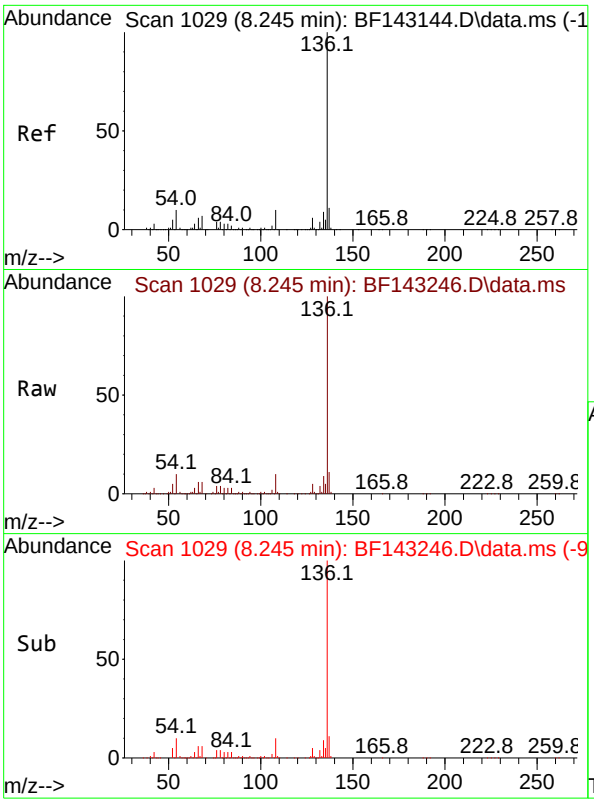


#20
3+4-Methylphenols
Concen: 35.807 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:107 Resp: 278484

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	119.0	57.8	97.8#
79	30.4	9.5	49.5



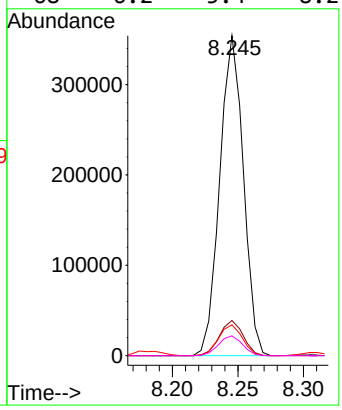


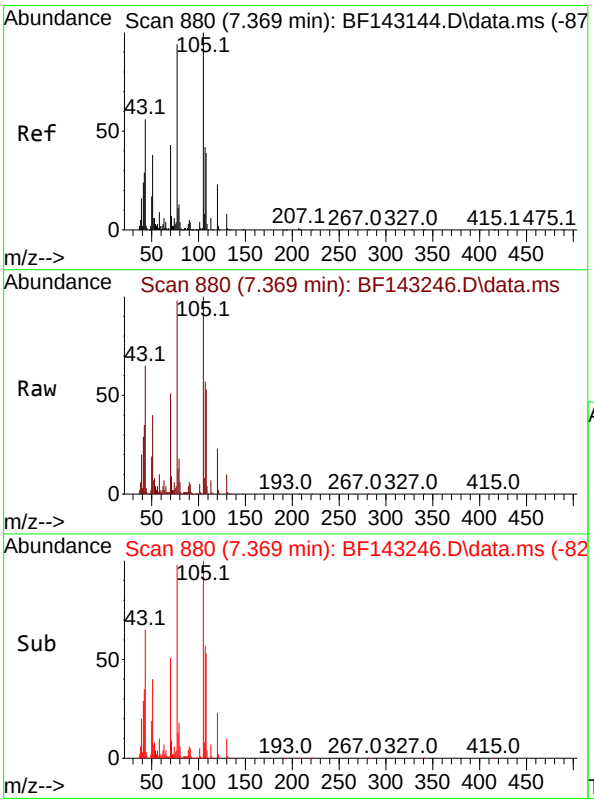
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 443616

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	8.2	12.2
68	6.2	5.4	8.2

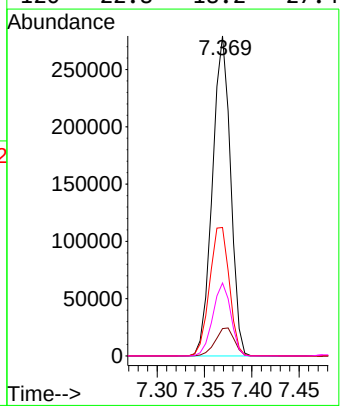


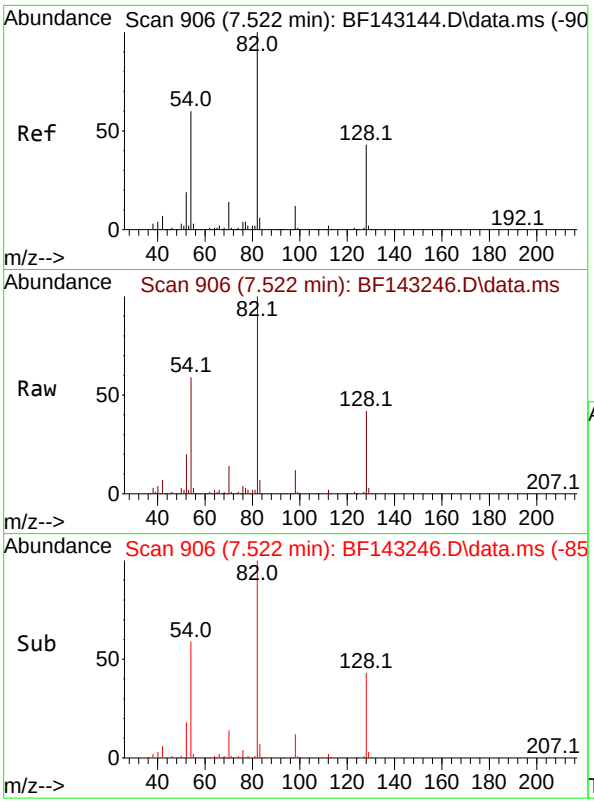


#22
Acetophenone
Concen: 35.396 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:105 Resp: 371749

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.8	8.6
51	40.2	30.2	45.2
120	22.8	18.2	27.4



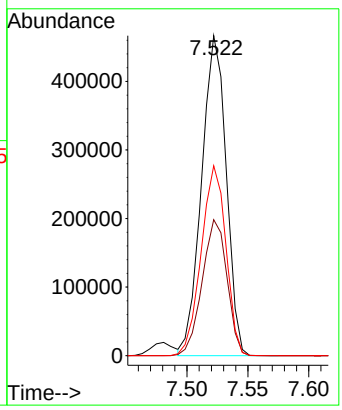


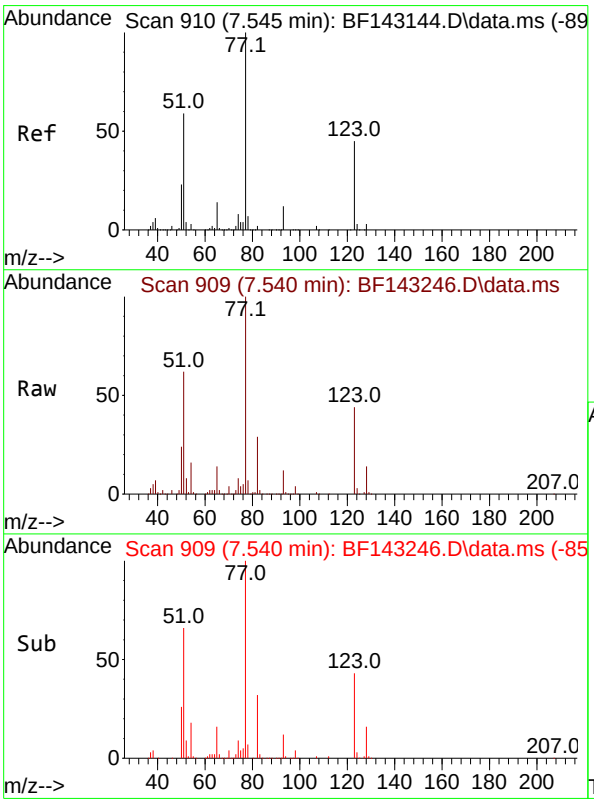
#23
Nitrobenzene-d5
Concen: 73.671 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 655640

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.6	50.4
54	59.3	47.1	70.7

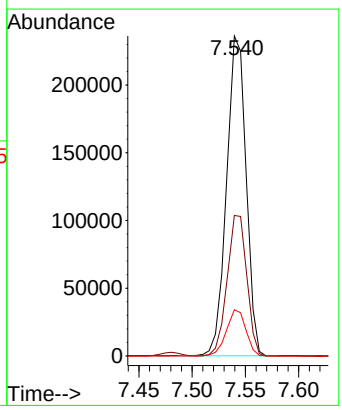


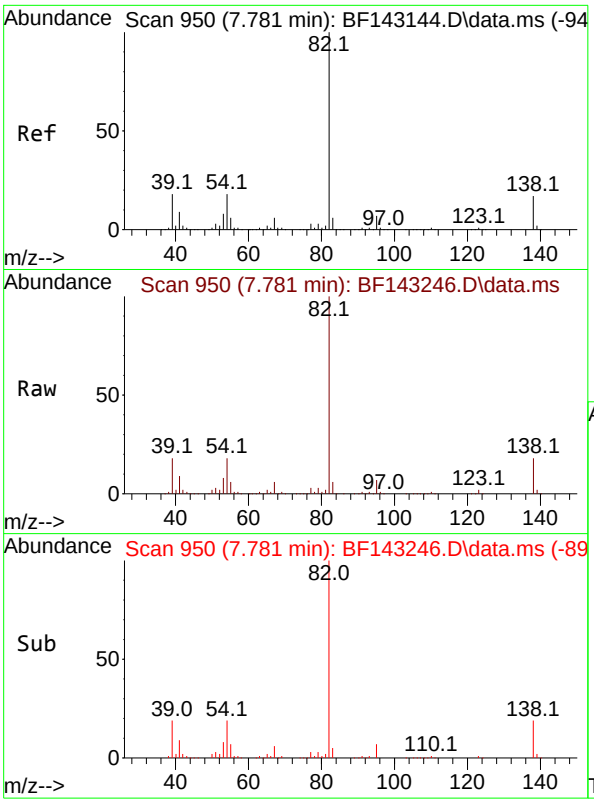


#24
Nitrobenzene
Concen: 36.274 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 77 Resp: 300970

Ion	Ratio	Lower	Upper
77	100		
123	43.9	36.1	54.1
65	14.4	11.4	17.2



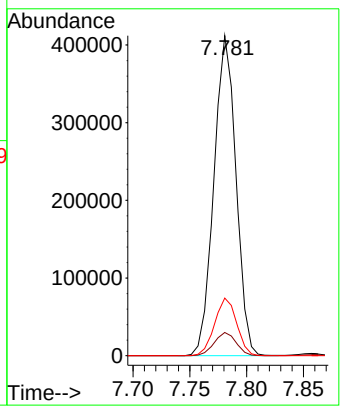


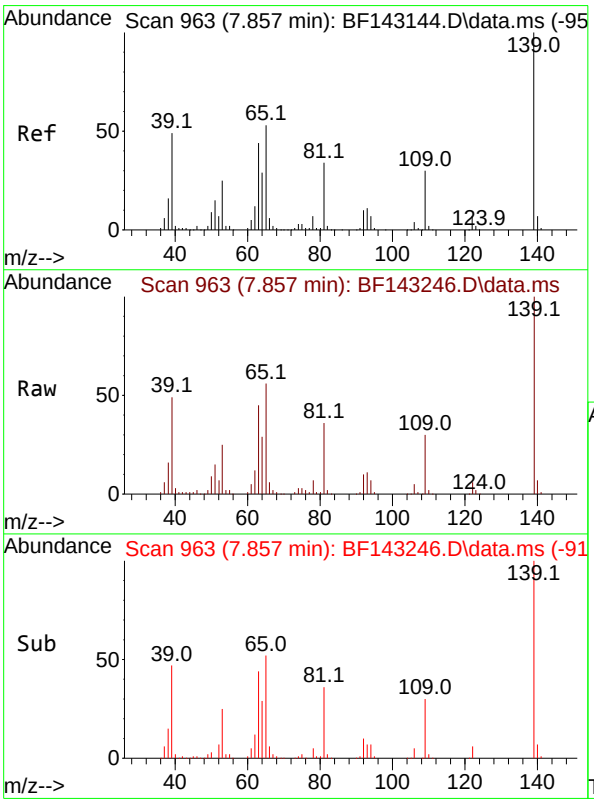
#25
Isophorone
Concen: 35.516 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 557973

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	18.0	13.8	20.8

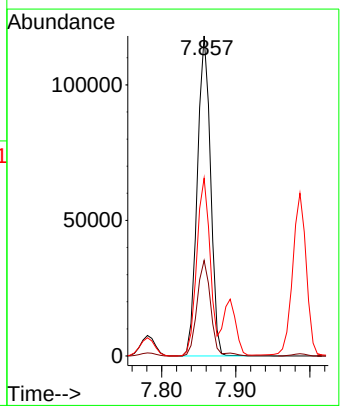


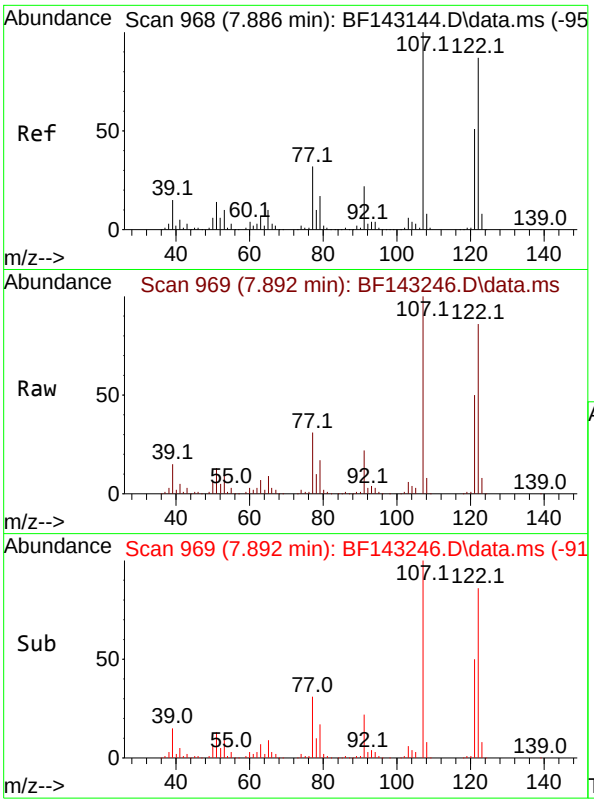


#26
2-Nitrophenol
Concen: 40.632 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:139 Resp: 146315

Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.6	35.4
65	55.5	42.6	64.0



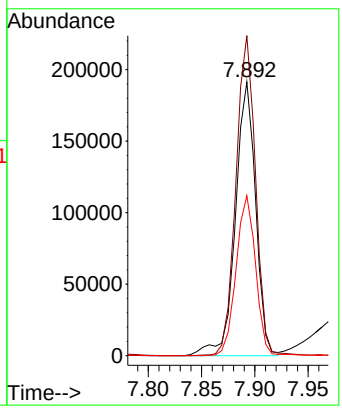


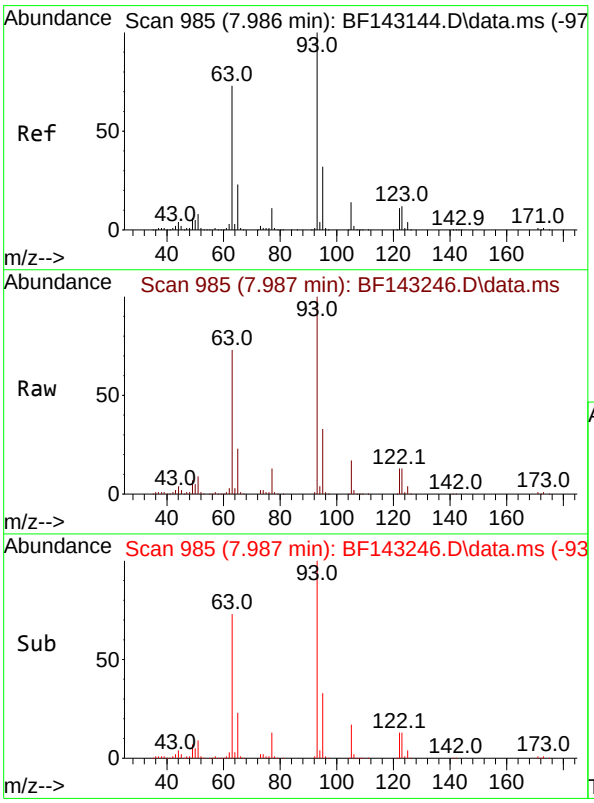
#27
2,4-Dimethylphenol
Concen: 34.566 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 253720

Ion	Ratio	Lower	Upper
122	100		
107	116.9	91.8	137.6
121	58.4	46.3	69.5

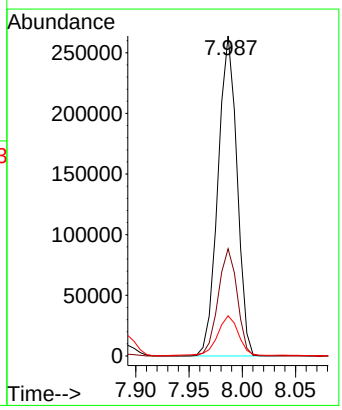


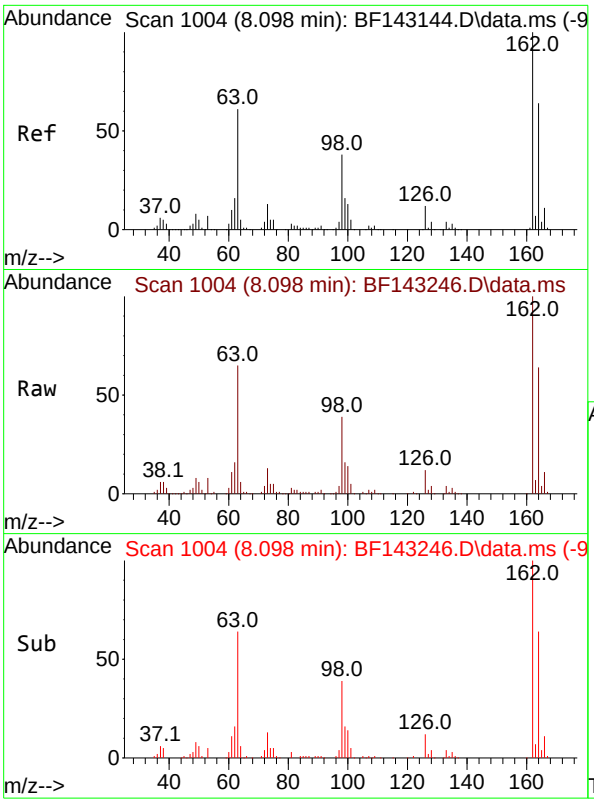


#28
bis(2-Chloroethoxy)methane
Concen: 34.896 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 93 Resp: 328705

Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.8	38.6
123	12.5	9.7	14.5



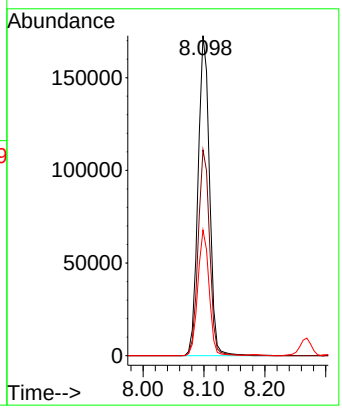


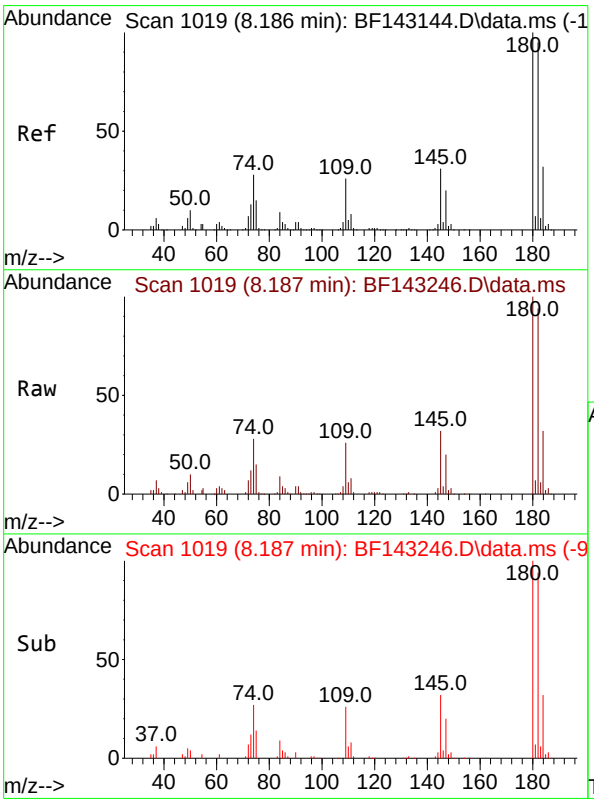
#29
2,4-Dichlorophenol
Concen: 36.362 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 225086

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	39.2	17.9	57.9

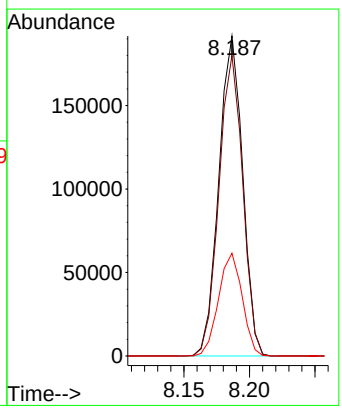


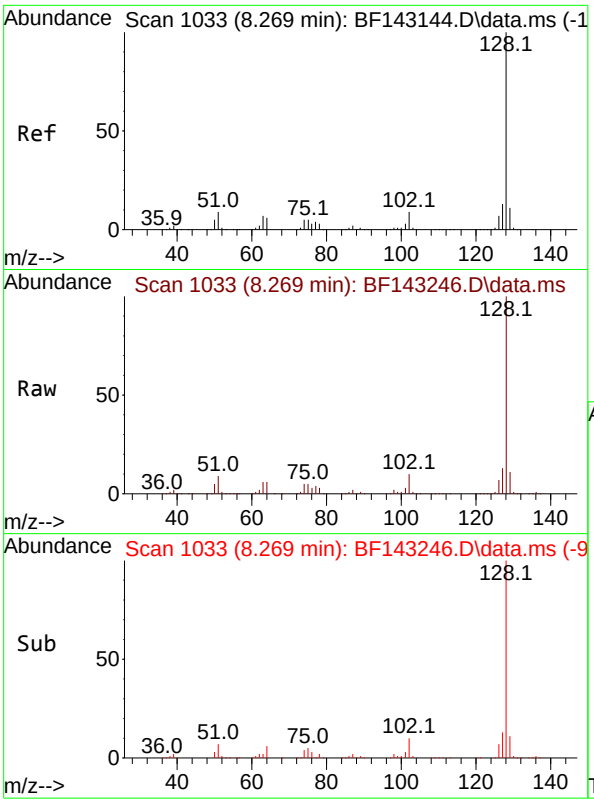


#30
1,2,4-Trichlorobenzene
Concen: 36.147 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:180 Resp: 241735

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	32.1	25.0	37.6



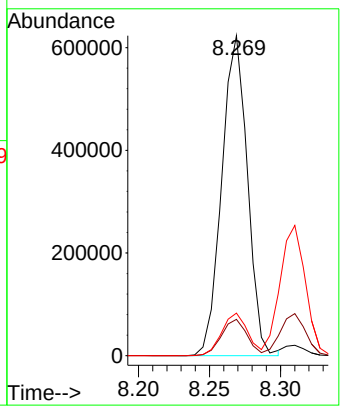


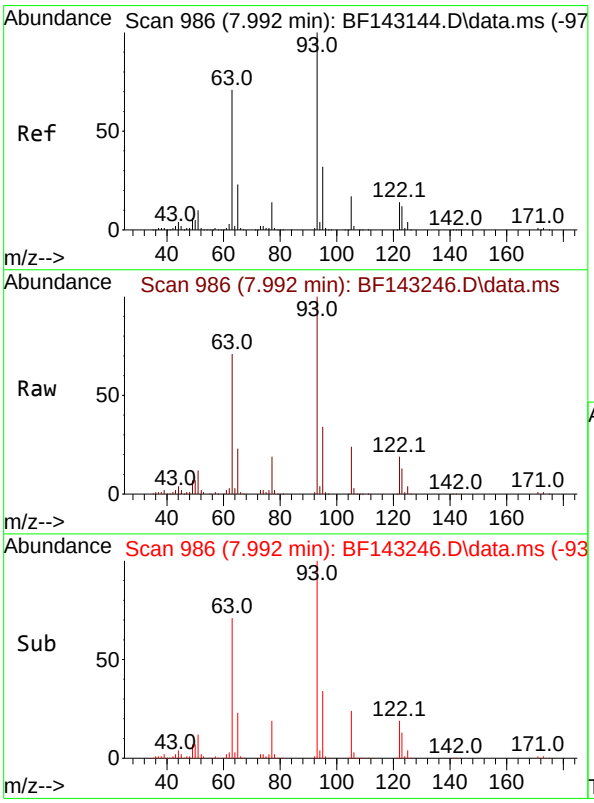
#31
Naphthalene
Concen: 35.890 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 784110

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.3	10.6	16.0

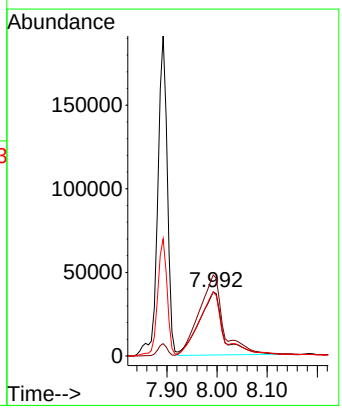


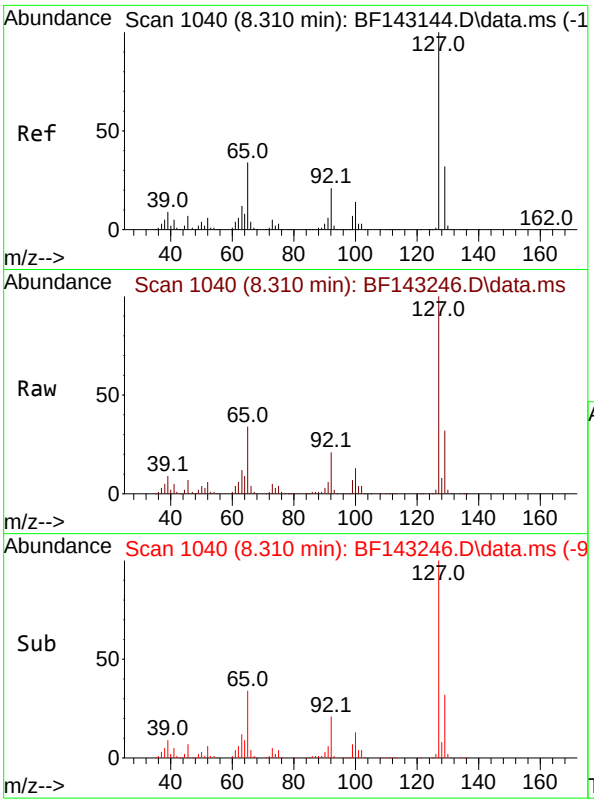


#32
Benzoic acid
Concen: 32.412 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:122 Resp: 126220

Ion	Ratio	Lower	Upper
122	100		
105	126.4	104.8	144.8
77	100.1	77.6	117.6



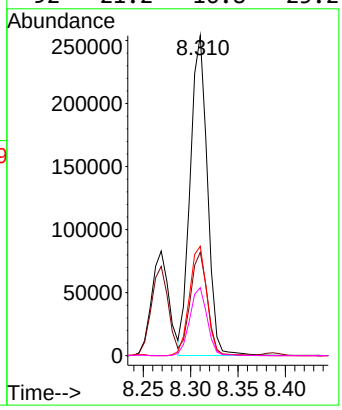


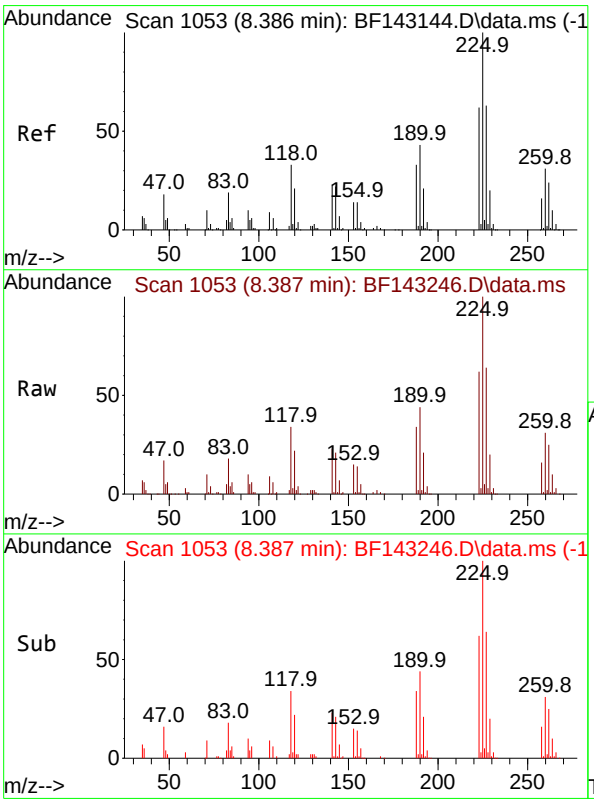
#33
4-Chloroaniline
Concen: 35.858 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 319885

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	34.2	27.4	41.2
92	21.2	16.8	25.2

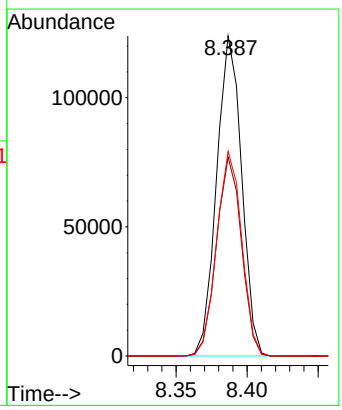


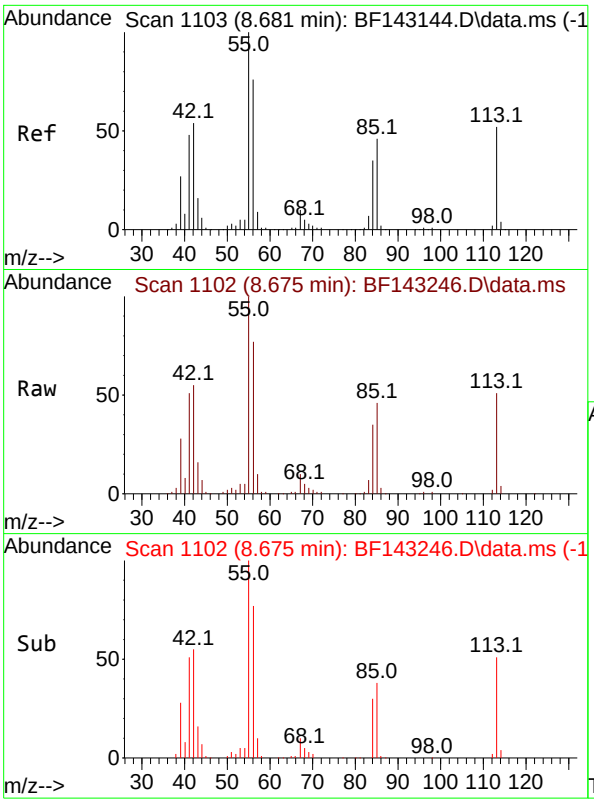


#34
Hexachlorobutadiene
Concen: 37.088 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:225 Resp: 151515

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	63.9	50.2	75.4



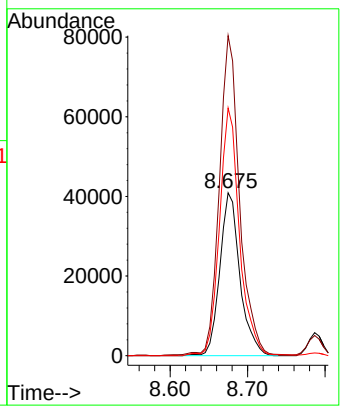


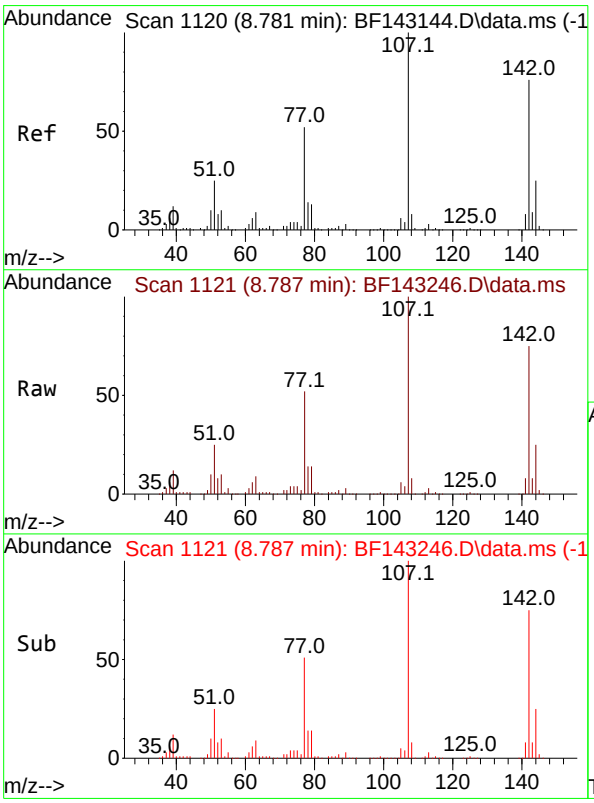
#35
Caprolactam
Concen: 39.406 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 73711

Ion	Ratio	Lower	Upper
113	100		
55	196.4	174.0	214.0
56	152.0	126.6	166.6

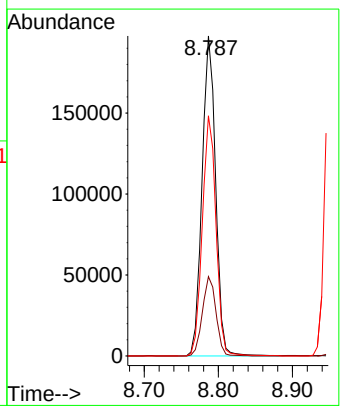


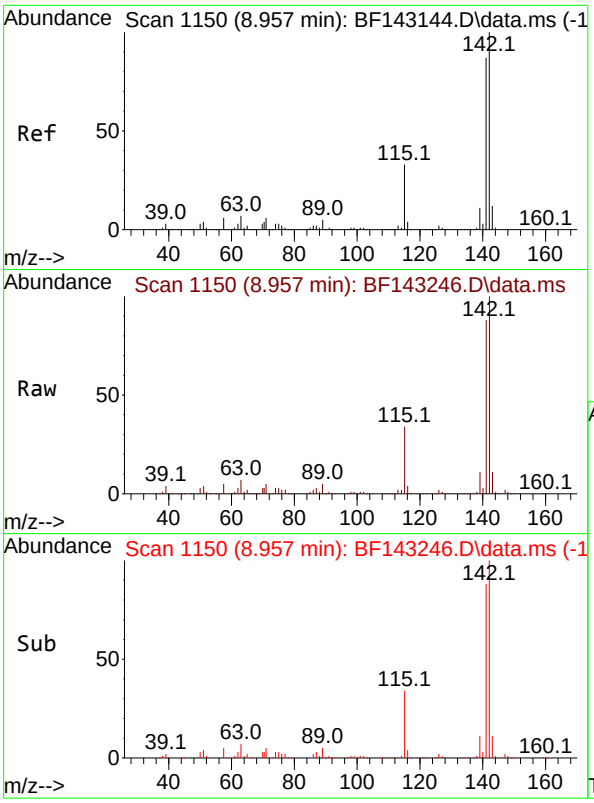


#36
4-Chloro-3-methylphenol
Concen: 37.316 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:107 Resp: 251065

Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	75.0	60.6	90.8



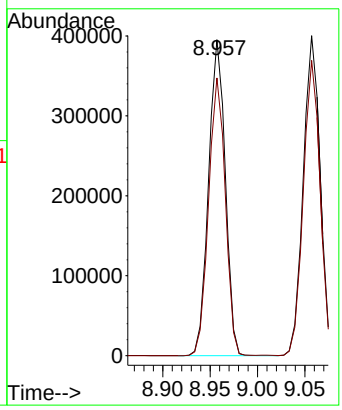


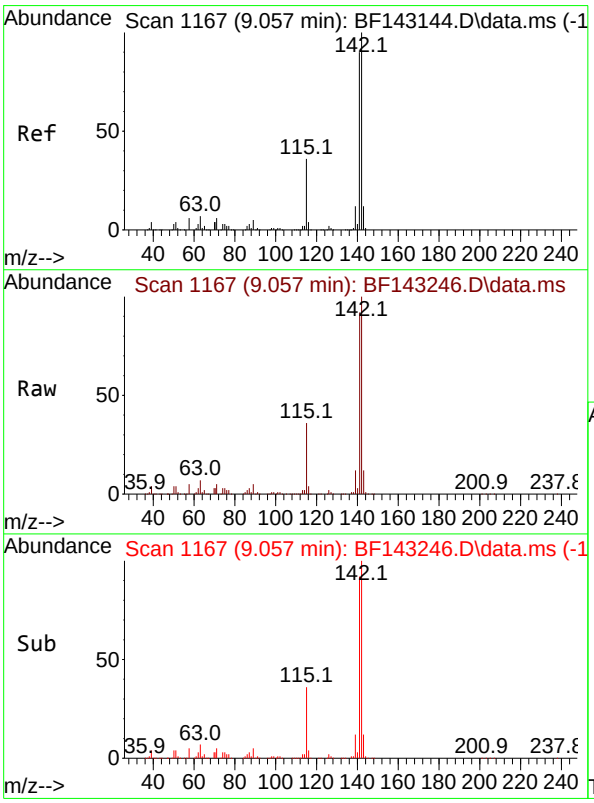
#37
2-Methylnaphthalene
Concen: 36.410 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 484054

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9

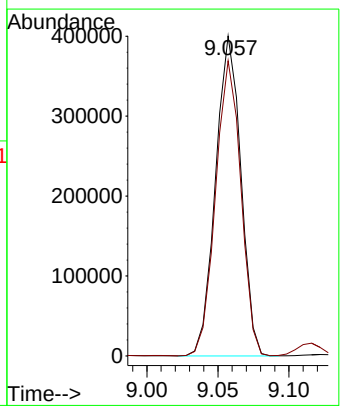


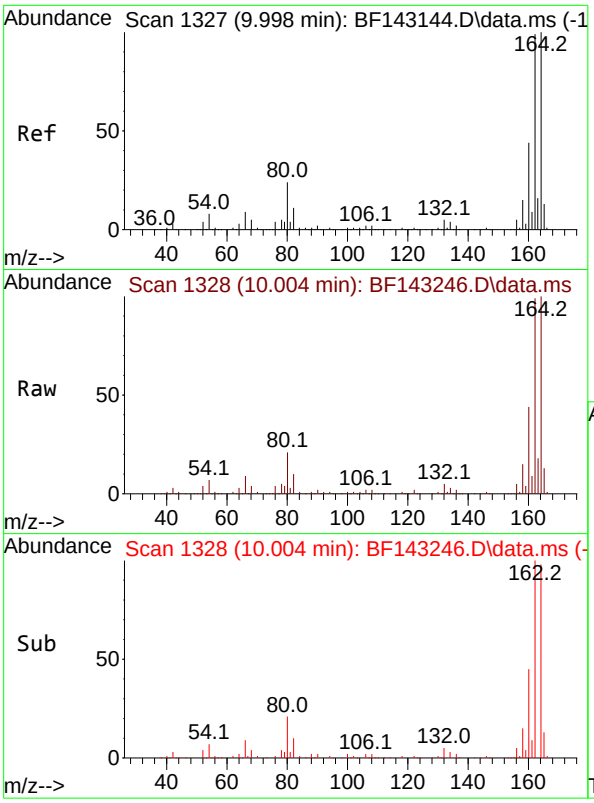


#38
1-Methylnaphthalene
Concen: 36.238 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:142 Resp: 496100

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.3	108.5



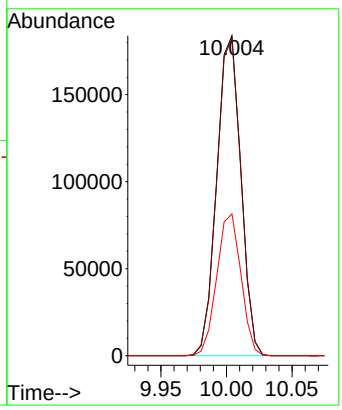


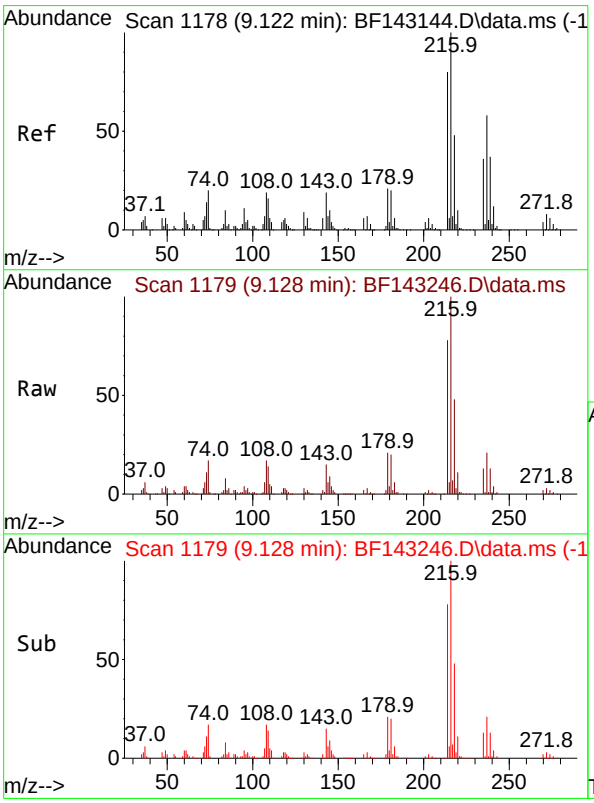
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 235333

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.0	118.6
160	44.3	35.1	52.7

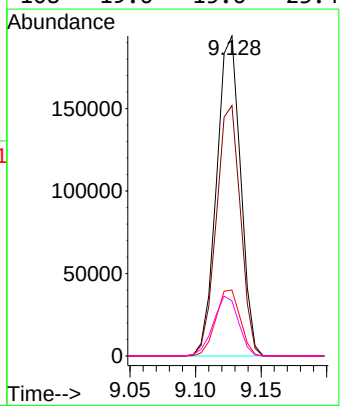


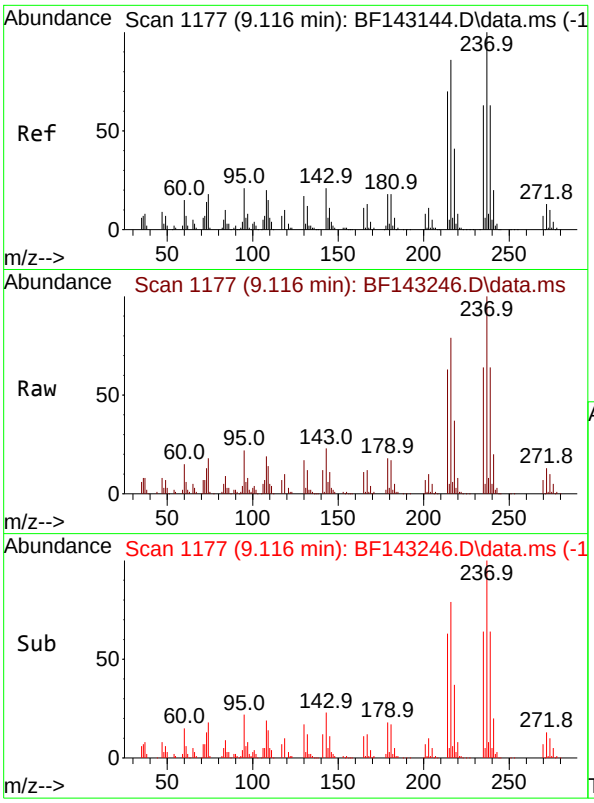


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.221 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:216 Resp: 246094

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.8
179	21.0	16.4	24.6
108	19.6	15.6	23.4



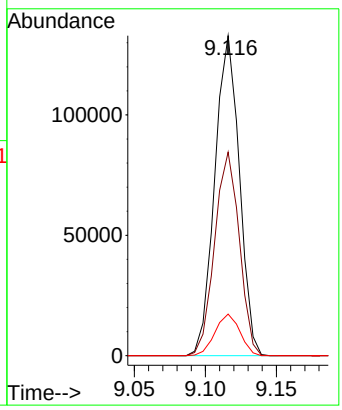


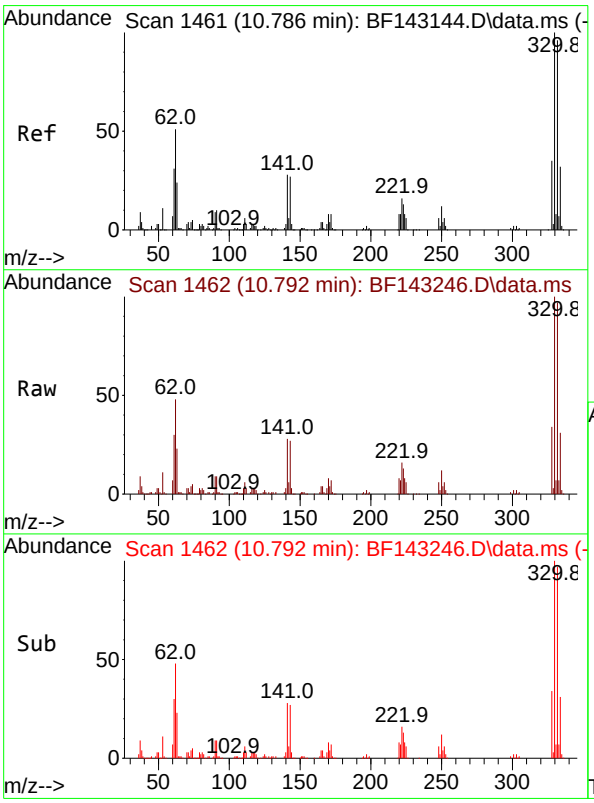
#41
Hexachlorocyclopentadiene
Concen: 36.168 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 159894

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.0	83.0
272	13.0	0.0	33.3

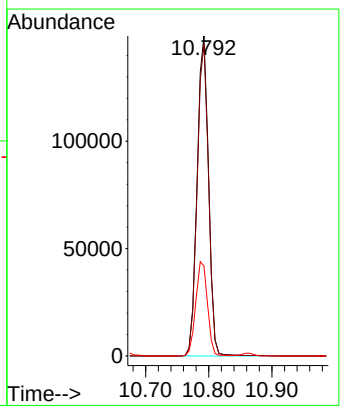


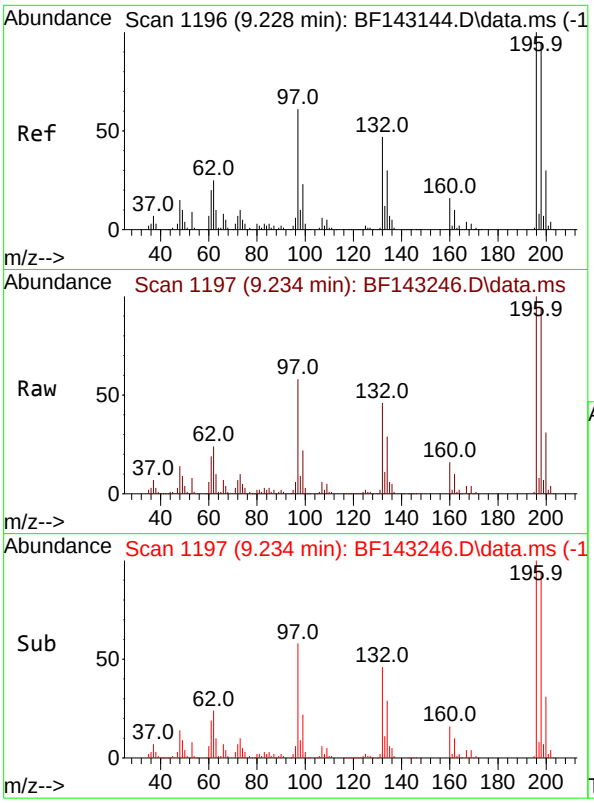


#42
2,4,6-Tribromophenol
Concen: 77.092 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:330 Resp: 187419

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.7	115.1
141	30.3	23.3	34.9



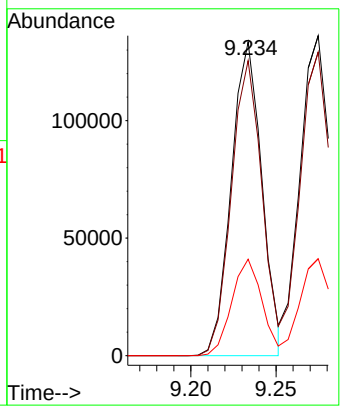


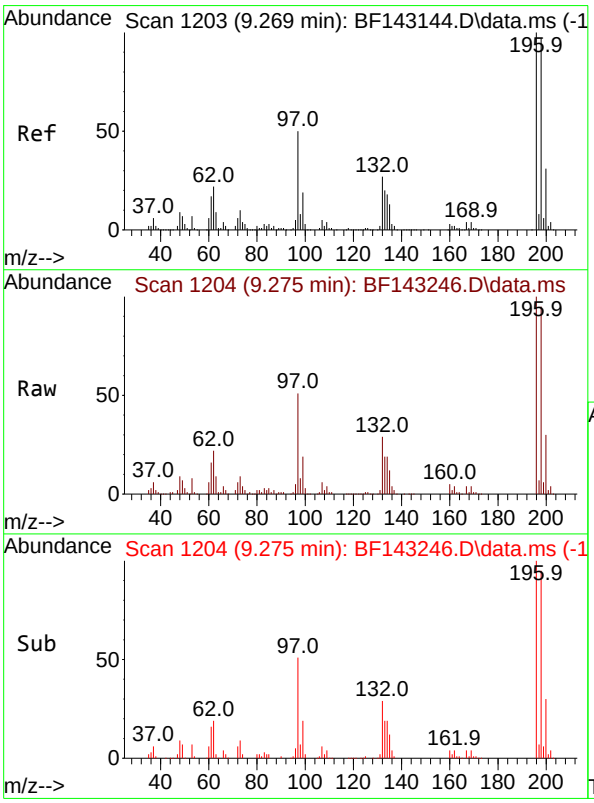
#43
2,4,6-Trichlorophenol
Concen: 35.362 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 166283

Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.2	114.2
200	30.8	23.9	35.9

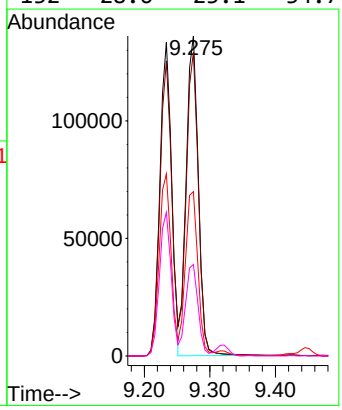


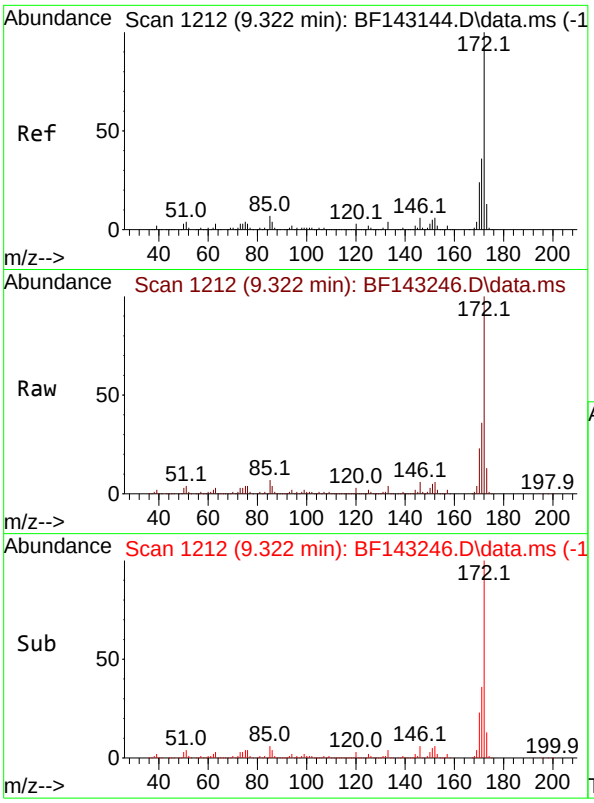


#44
2,4,5-Trichlorophenol
Concen: 37.273 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:196 Resp: 175318

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.3	115.9
97	51.4	40.3	60.5
132	28.6	23.1	34.7



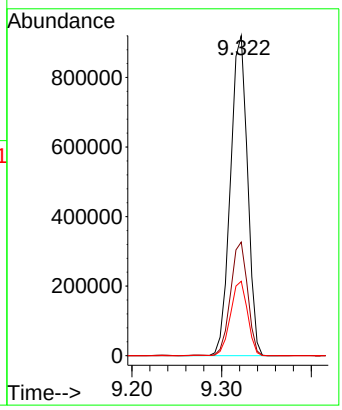


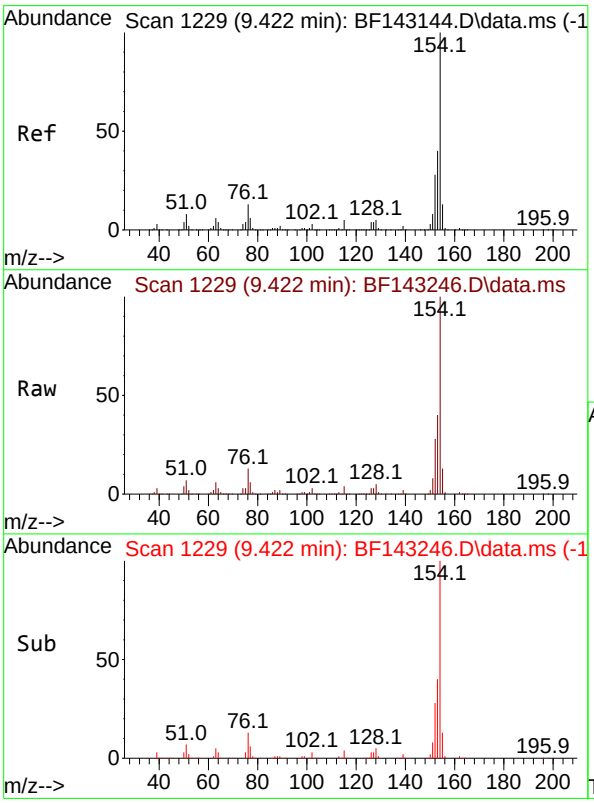
#45
2-Fluorobiphenyl
Concen: 70.694 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1216459

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	18.8	28.2

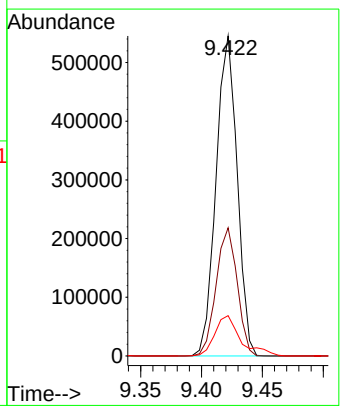


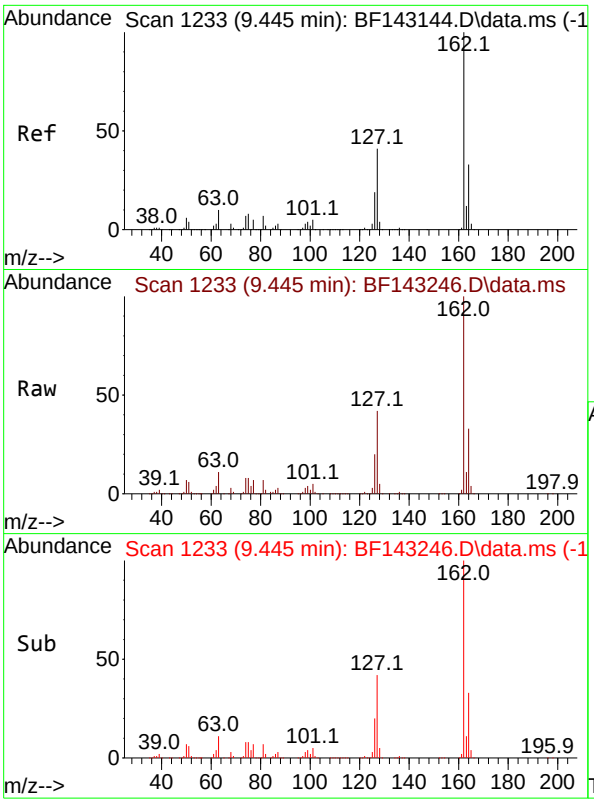


#46
1,1'-Biphenyl
Concen: 35.875 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:154 Resp: 658681

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	12.6	0.0	33.3



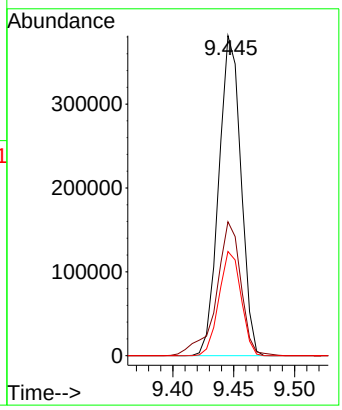


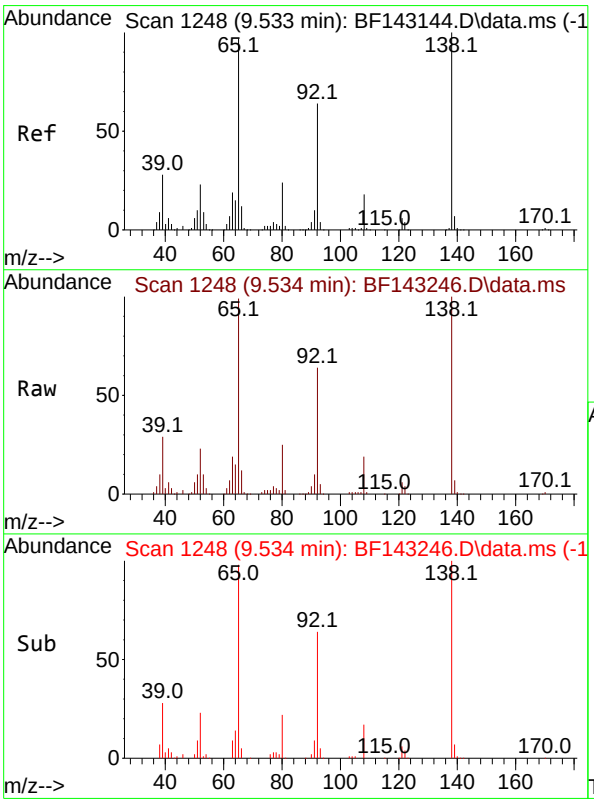
#47
2-Chloronaphthalene
Concen: 35.514 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 482479

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.2
164	32.5	26.2	39.2

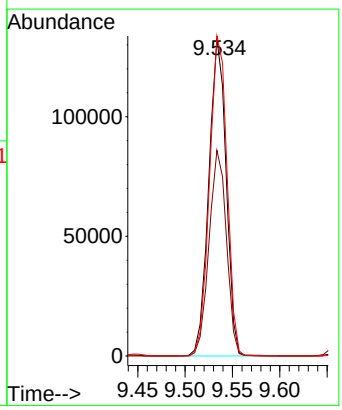


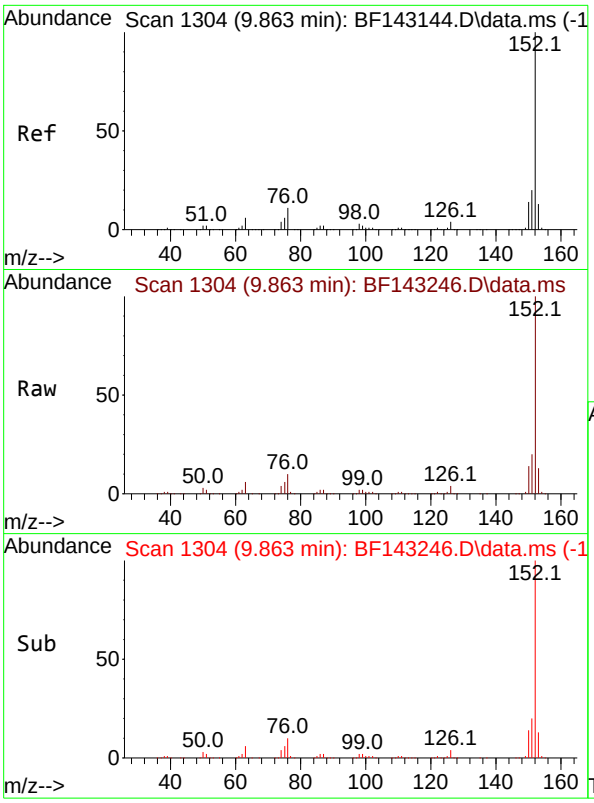


#48
2-Nitroaniline
Concen: 39.465 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 65 Resp: 168138

Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.4	78.6
138	100.8	82.3	123.5



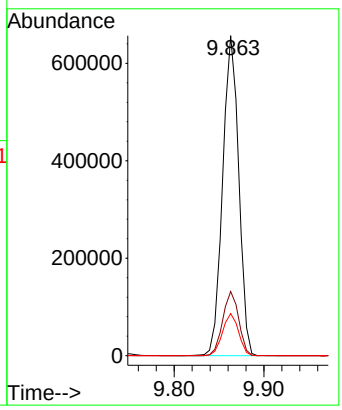


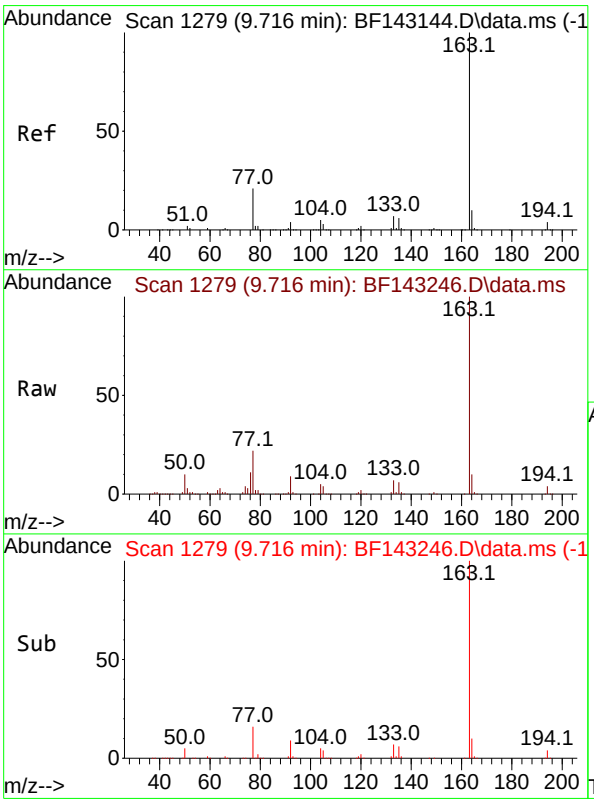
#49
Acenaphthylene
Concen: 35.879 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 816856

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0

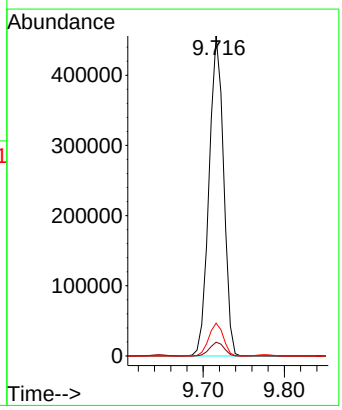


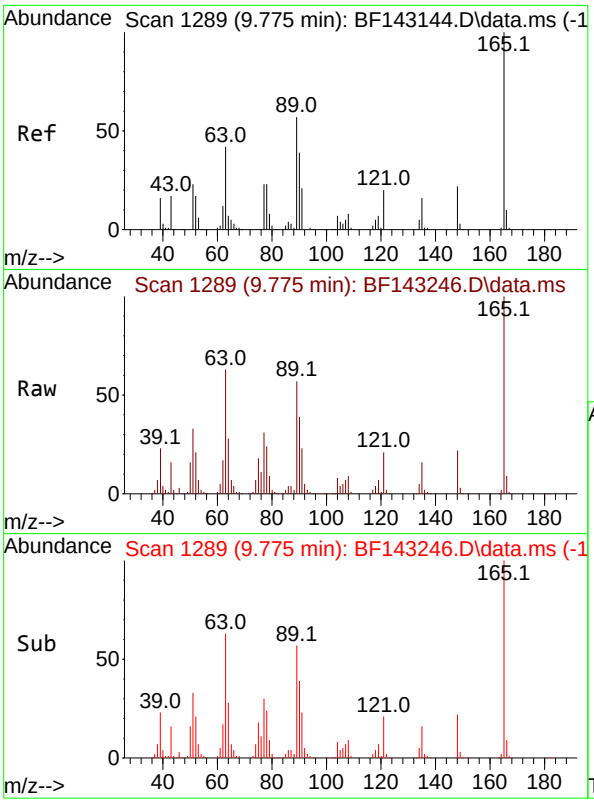


#50
Dimethylphthalate
Concen: 36.995 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:163 Resp: 567491

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.3	12.5



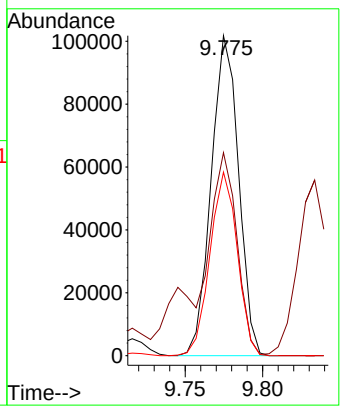


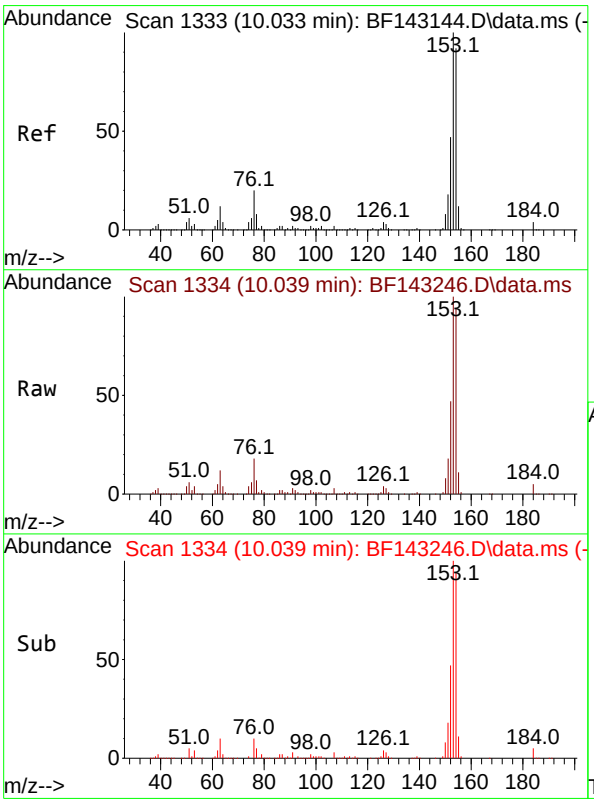
#51
2,6-Dinitrotoluene
Concen: 40.085 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 125086

Ion	Ratio	Lower	Upper
165	100		
63	63.4	49.4	74.2
89	57.4	46.2	69.2

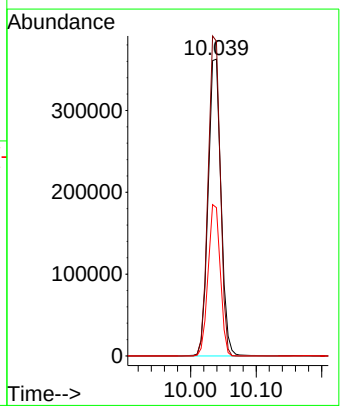


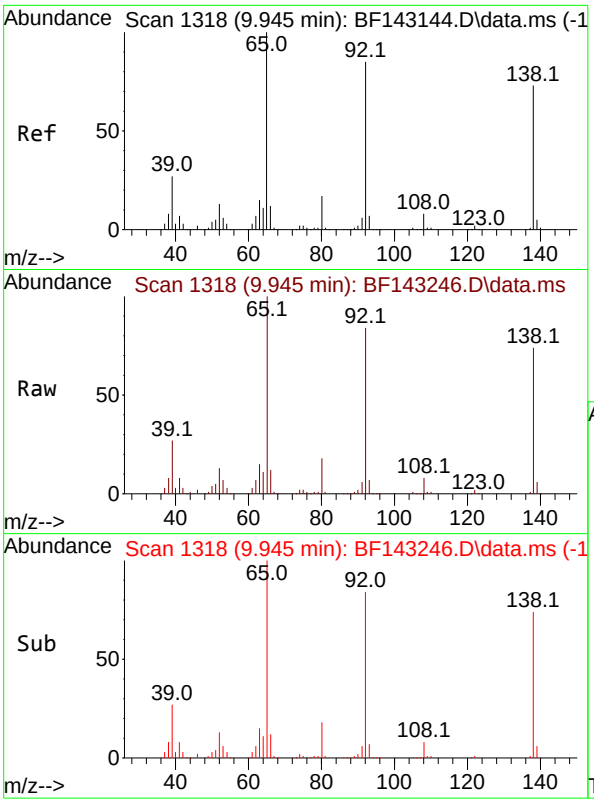


#52
Acenaphthene
Concen: 36.842 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:154 Resp: 495770

Ion	Ratio	Lower	Upper
154	100		
153	106.0	86.6	129.8
152	50.0	40.4	60.6



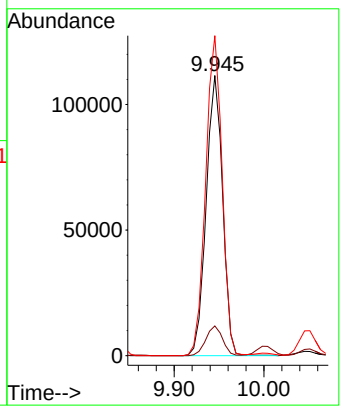


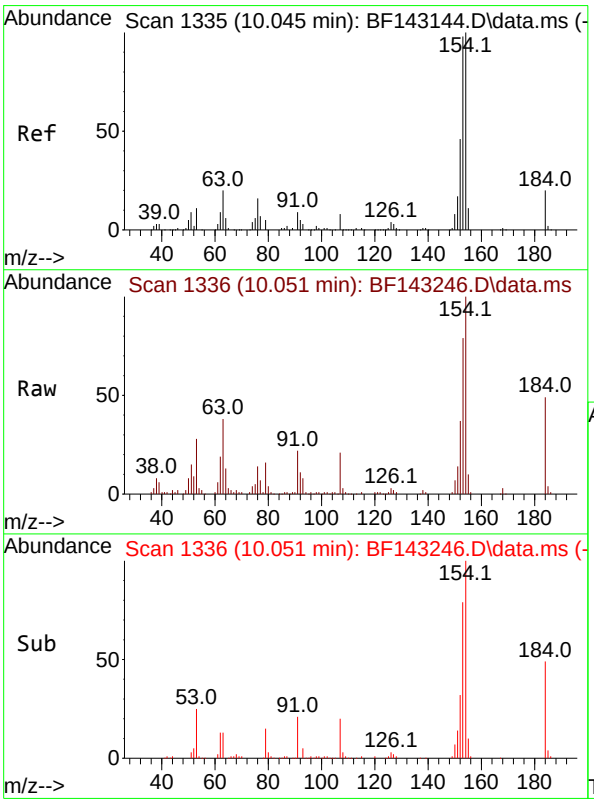
#53
3-Nitroaniline
Concen: 38.824 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 141707

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	114.2	93.0	139.4

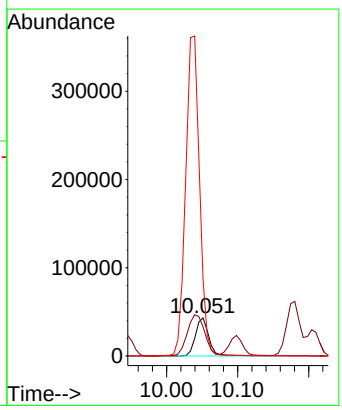


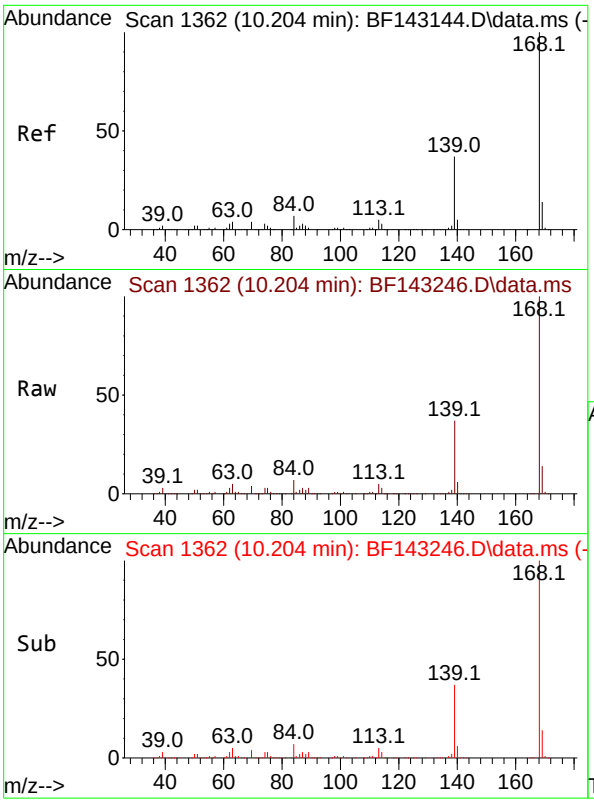


#54
2,4-Dinitrophenol
Concen: 43.653 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:184 Resp: 57068

Ion	Ratio	Lower	Upper
184	100		
63	76.9	81.8	122.6#
154	202.4	412.2	618.4#



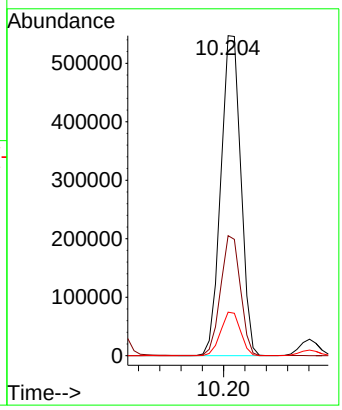


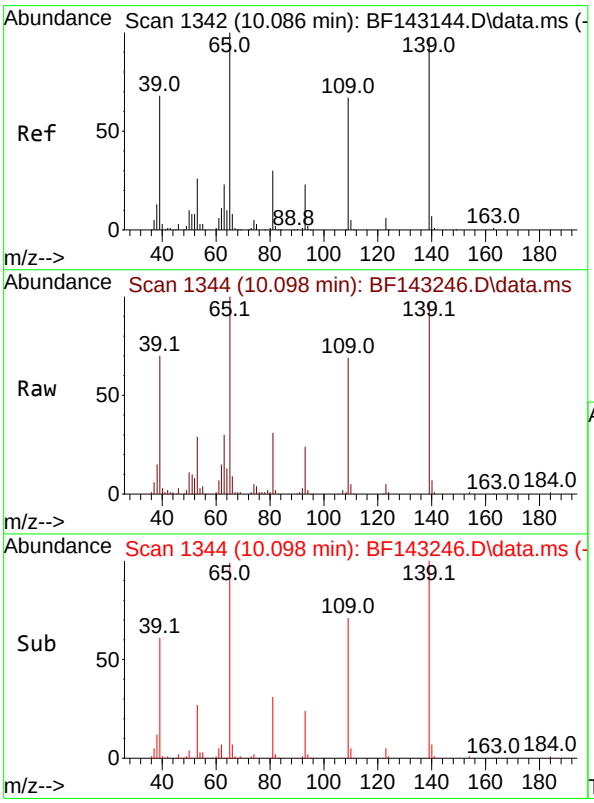
#55
Dibenzofuran
Concen: 35.676 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 712751

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.5	44.3
169	13.6	10.9	16.3

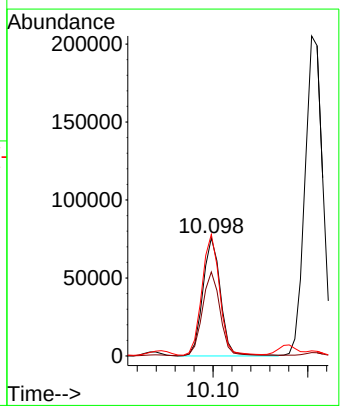


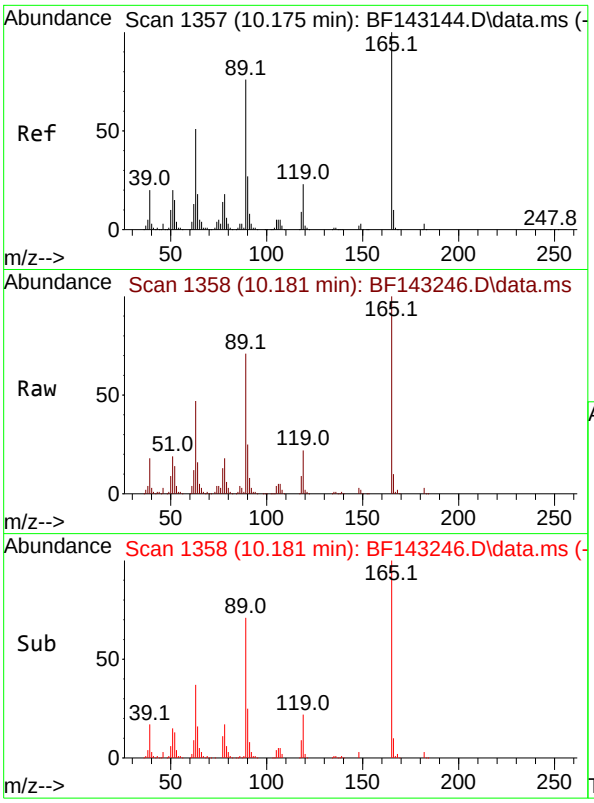


#56
4-Nitrophenol
Concen: 36.016 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:139 Resp: 98166

Ion	Ratio	Lower	Upper
139	100		
109	71.1	48.5	88.5
65	103.0	83.4	123.4



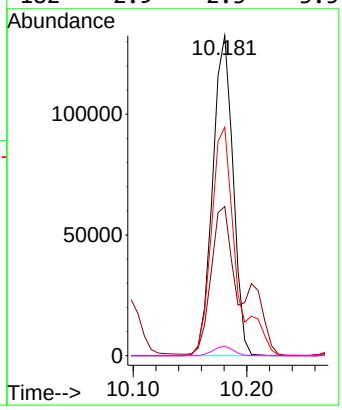


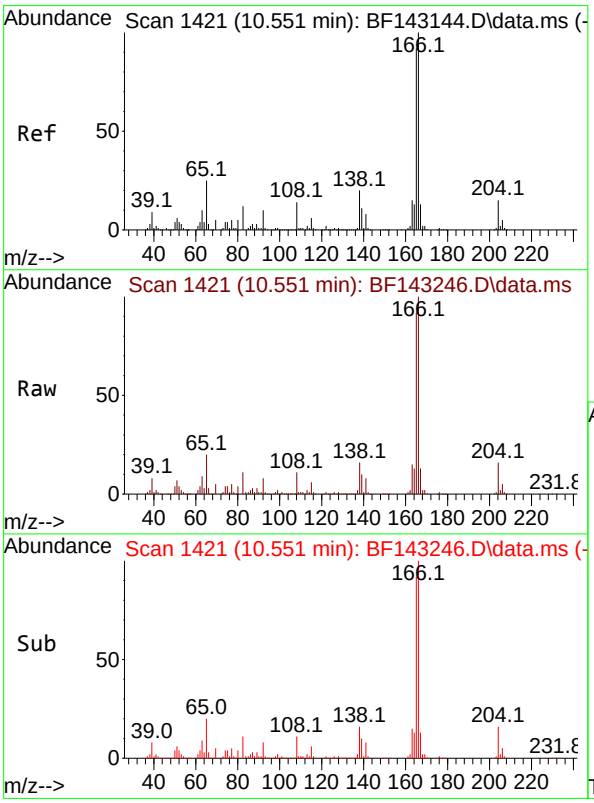
#57
2,4-Dinitrotoluene
Concen: 42.191 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 165180

Ion	Ratio	Lower	Upper
165	100		
63	46.6	41.0	61.4
89	71.4	61.1	91.7
182	2.9	2.3	3.5

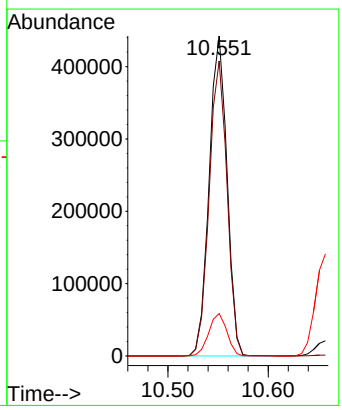


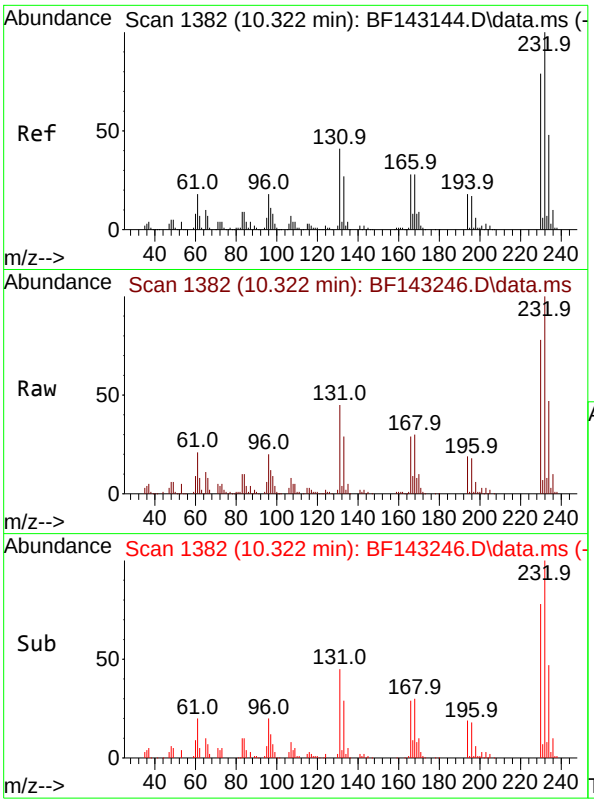


#58
Fluorene
Concen: 36.546 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:166 Resp: 547987

Ion	Ratio	Lower	Upper
166	100		
165	92.2	73.7	110.5
167	13.3	10.6	16.0



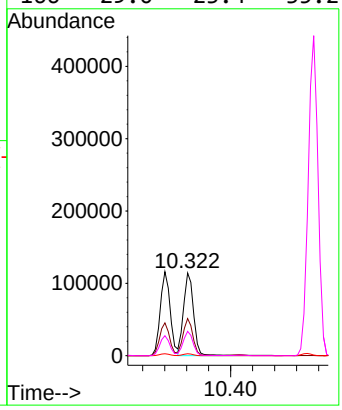


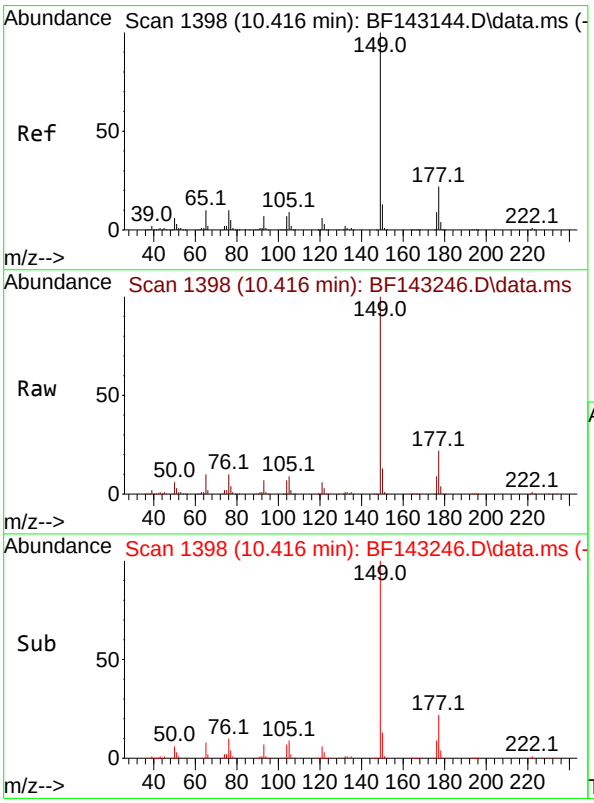
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.043 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 144333

Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.3	52.9
130	2.3	1.7	2.5
166	29.0	23.4	35.2

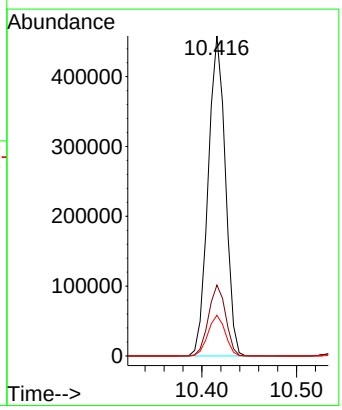


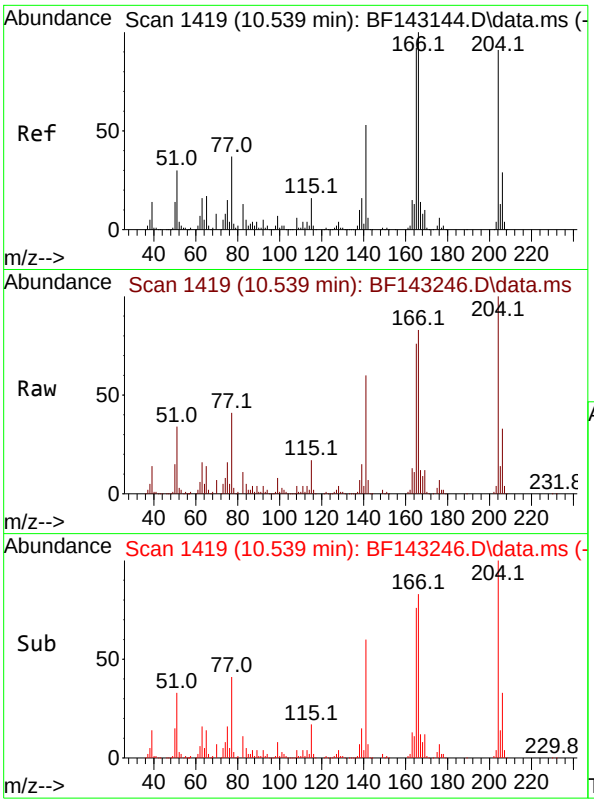


#60
Diethylphthalate
Concen: 38.021 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:149 Resp: 576460

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.7	10.2	15.2



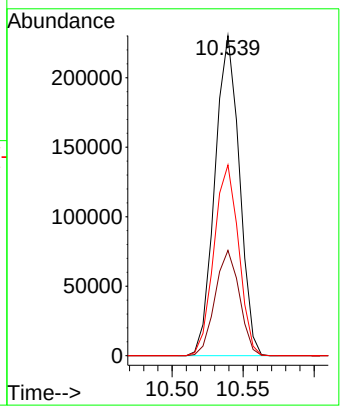


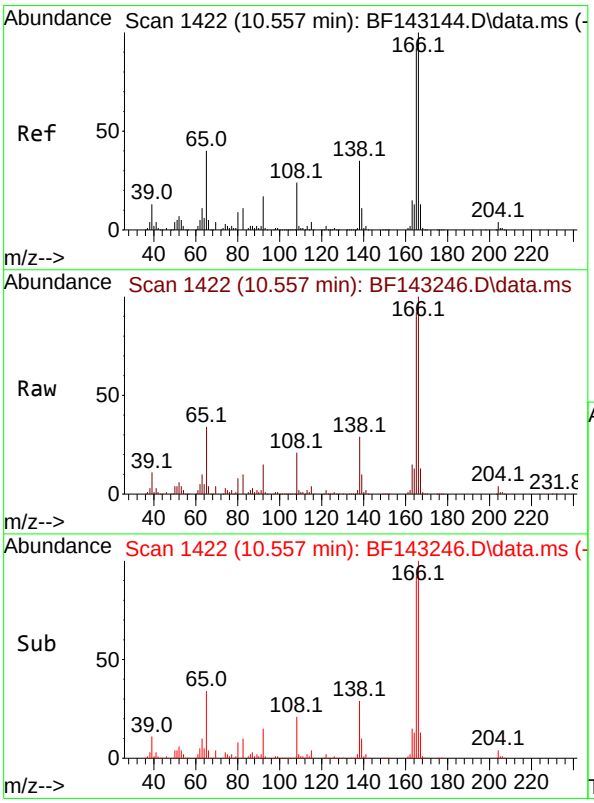
#61
4-Chlorophenyl-phenylether
Concen: 36.972 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 276044

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	59.6	47.0	70.4

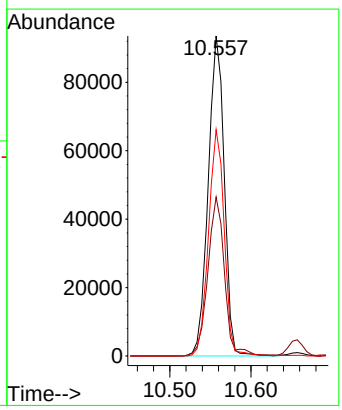


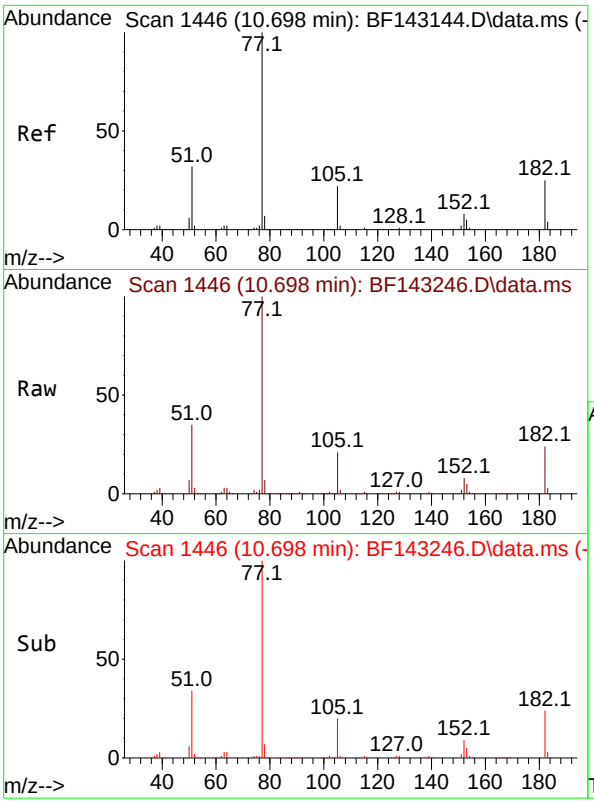


#62
4-Nitroaniline
Concen: 40.999 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:138 Resp: 128253

Ion	Ratio	Lower	Upper
138	100		
92	49.6	29.3	69.3
108	70.7	48.3	88.3



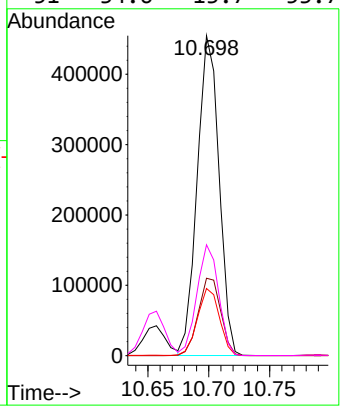


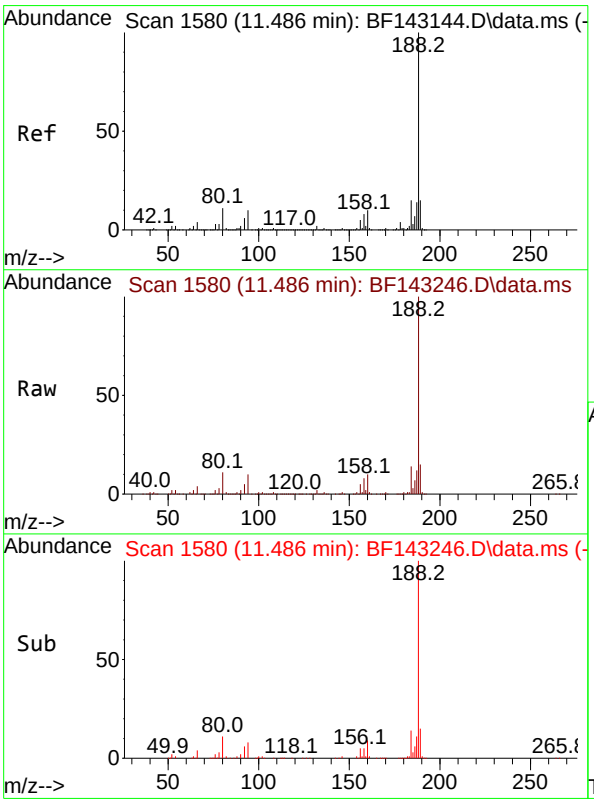
#63
Azobenzene
Concen: 35.847 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 566452

Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.6	44.6
105	21.0	1.4	41.4
51	34.6	13.7	53.7

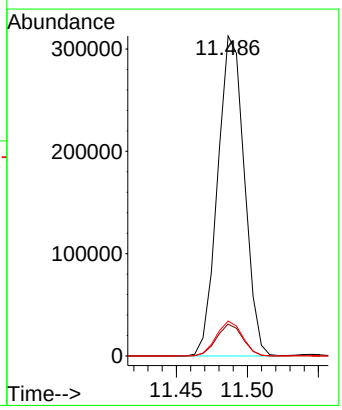


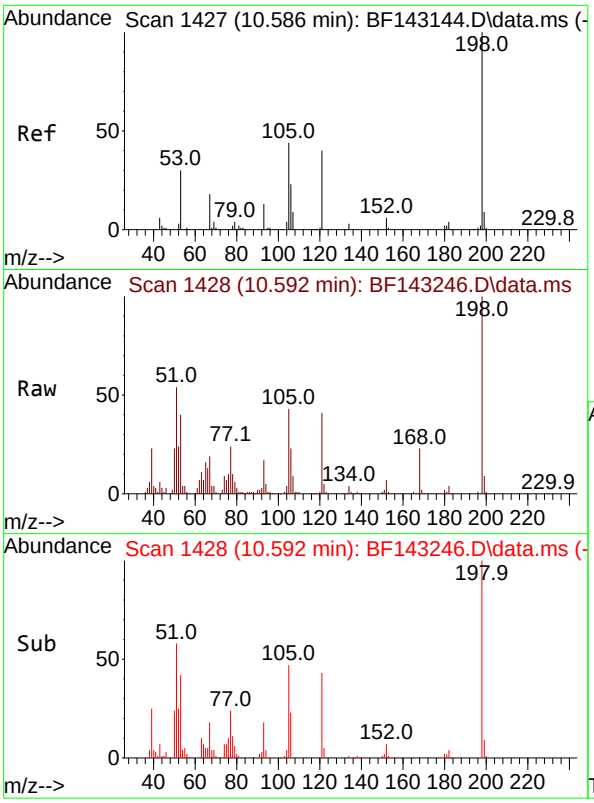


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:188 Resp: 408518

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.3	12.5
80	10.9	9.0	13.6



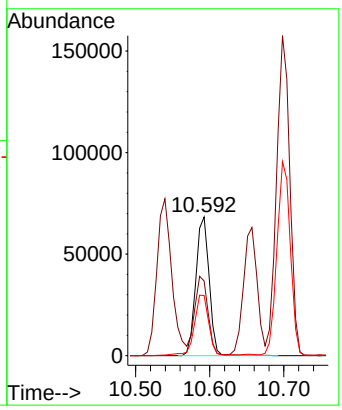


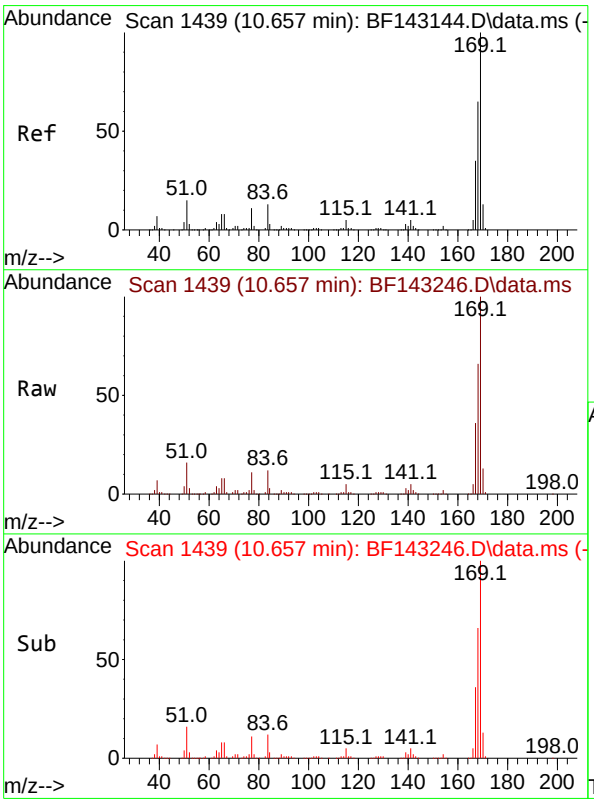
#65
4,6-Dinitro-2-methylphenol
Concen: 40.709 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 85197

Ion	Ratio	Lower	Upper
198	100		
51	53.9	37.2	77.2
105	43.4	24.8	64.8

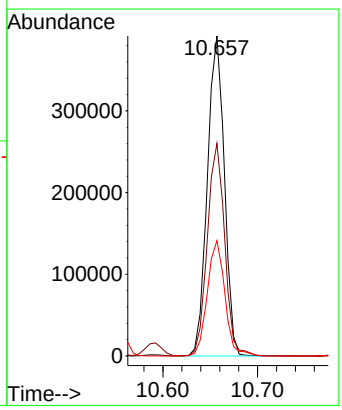


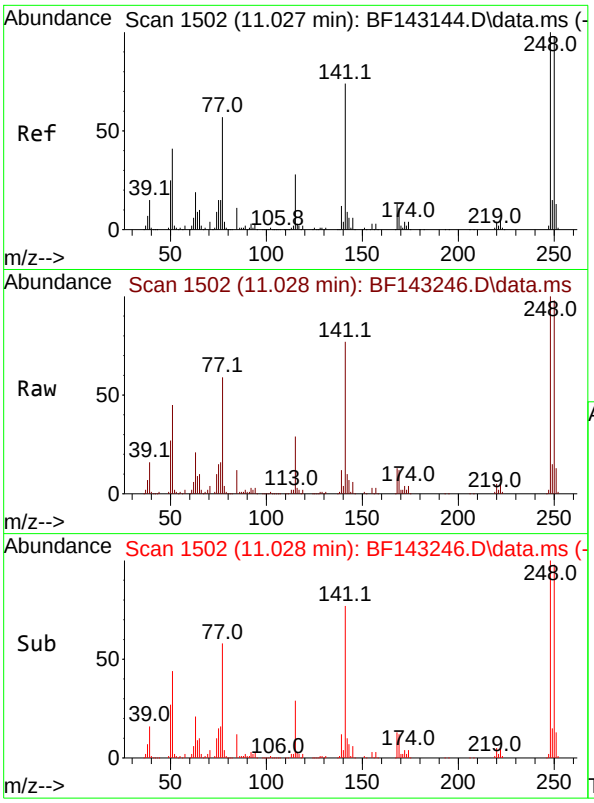


#66
n-Nitrosodiphenylamine
Concen: 33.931 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:169 Resp: 488103

Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.1	78.1
167	36.0	28.2	42.2



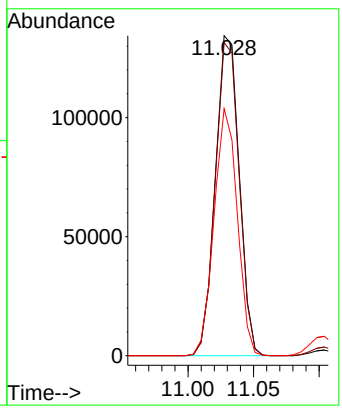


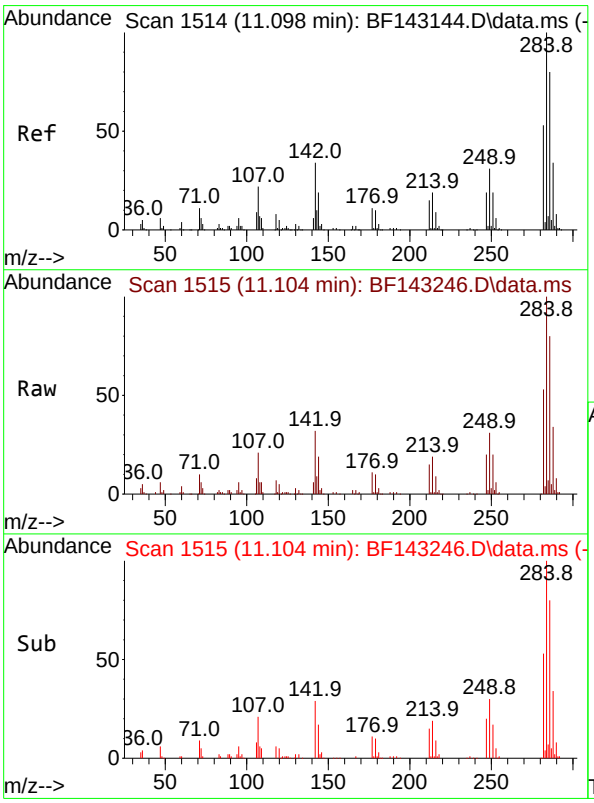
#67
4-Bromophenyl-phenylether
Concen: 35.096 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 170865

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	77.2	59.2	88.8

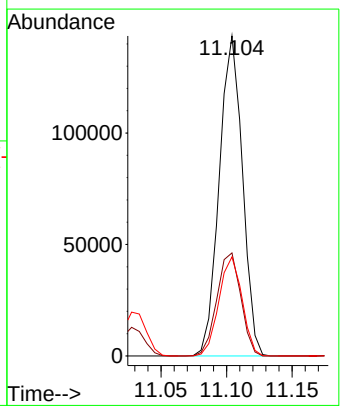


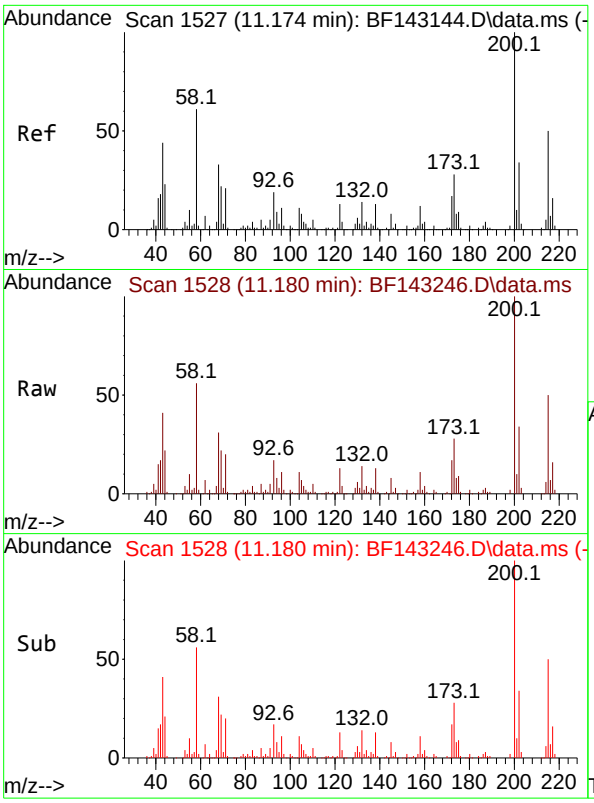


#68
Hexachlorobenzene
Concen: 34.675 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:284 Resp: 176446

Ion	Ratio	Lower	Upper
284	100		
142	32.2	27.0	40.6
249	31.0	25.0	37.6



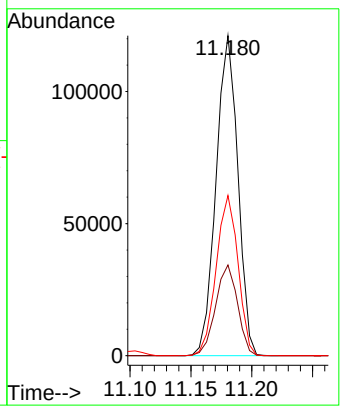


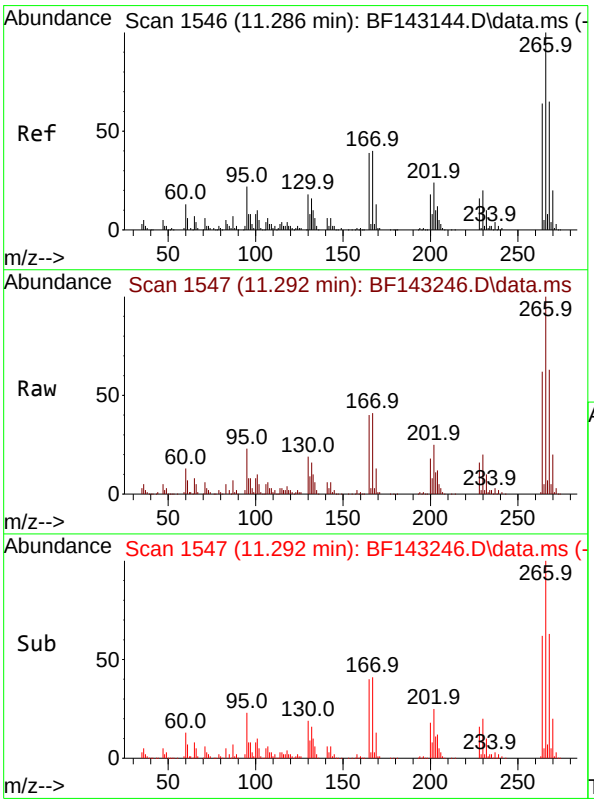
#69
Atrazine
Concen: 38.072 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 150987

Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.9	47.9
215	50.0	30.1	70.1

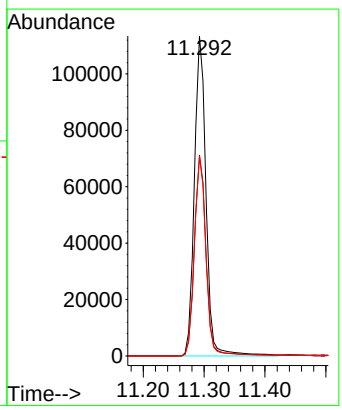


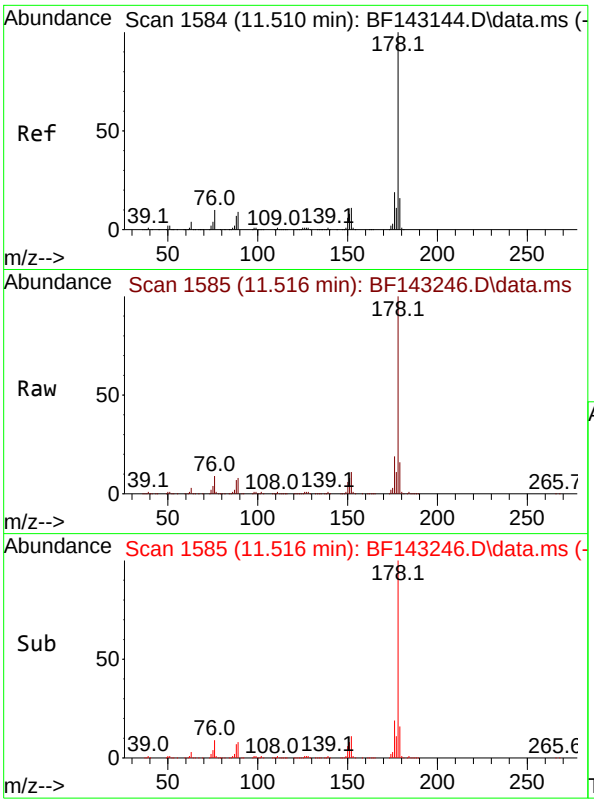


#70
Pentachlorophenol
Concen: 50.413 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:266 Resp: 150859

Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.9	77.9
264	62.5	51.0	76.6



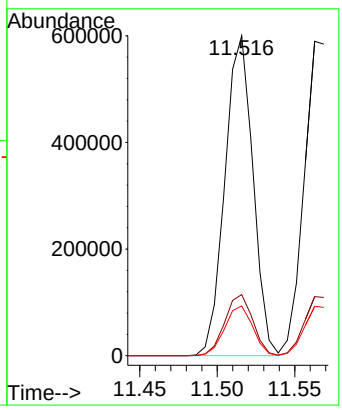


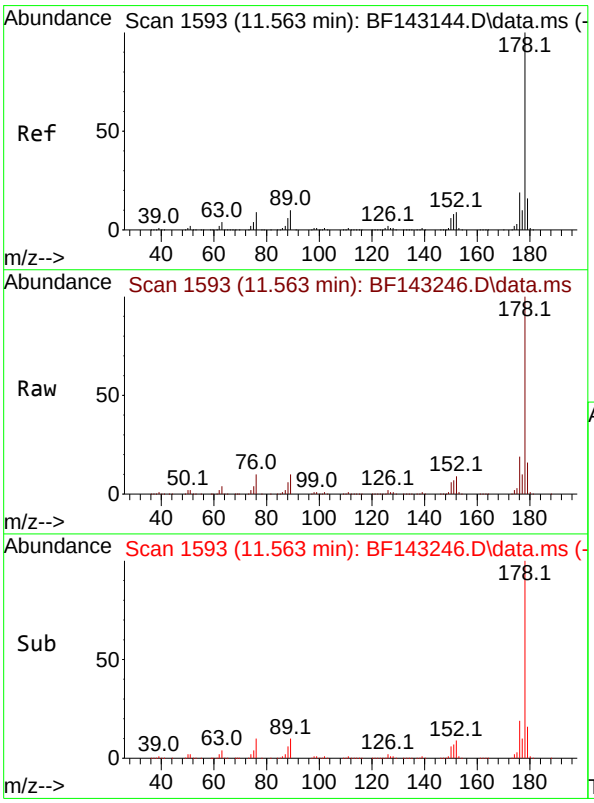
#71
Phenanthrene
Concen: 34.852 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 755968

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7

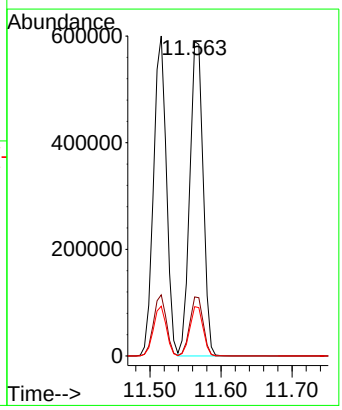


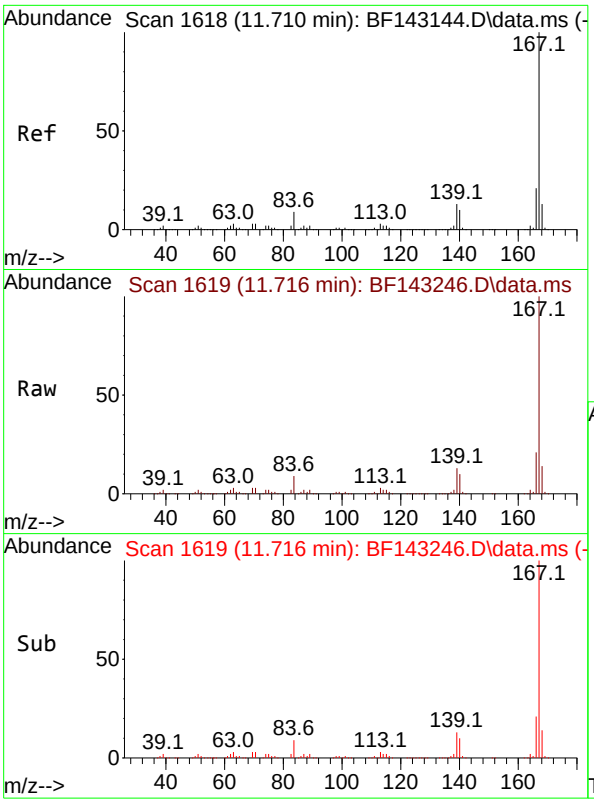


#72
Anthracene
Concen: 34.922 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:178 Resp: 772558

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.5	18.7



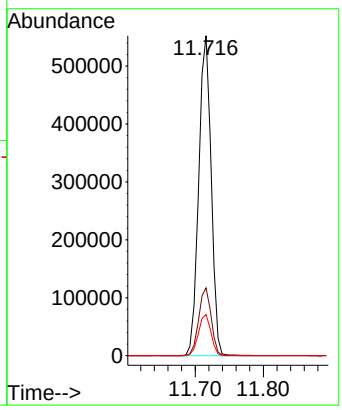


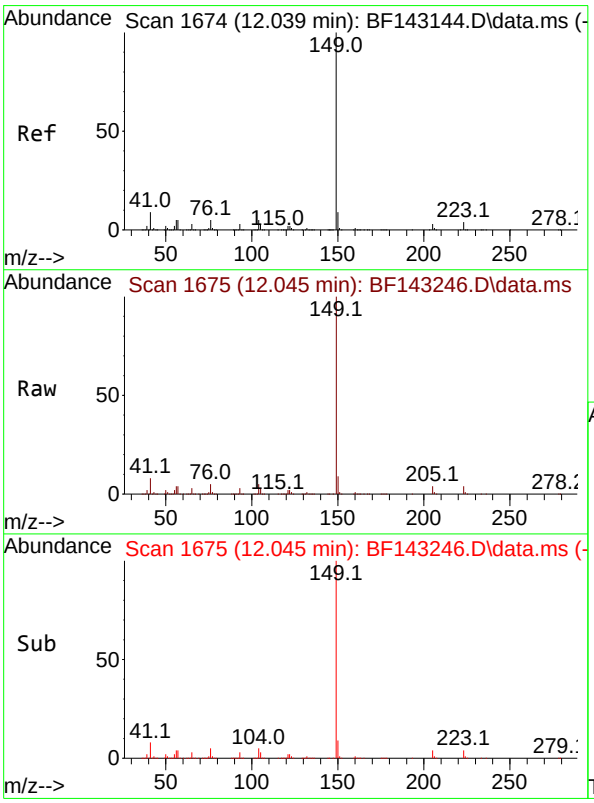
#73
Carbazole
Concen: 36.259 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 700432

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.9	10.0	15.0

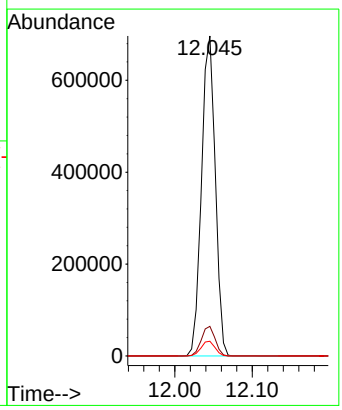


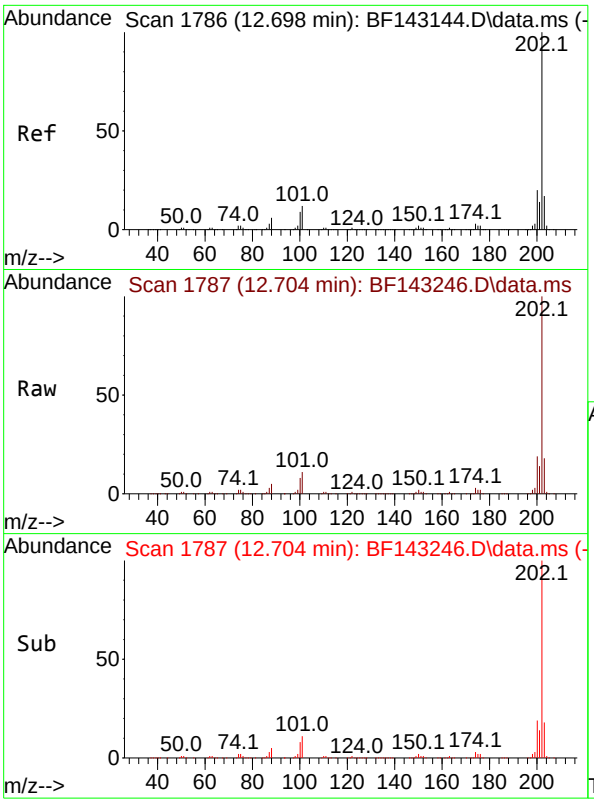


#74
Di-n-butylphthalate
Concen: 39.257 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:149 Resp: 858061

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.6	3.8	5.8



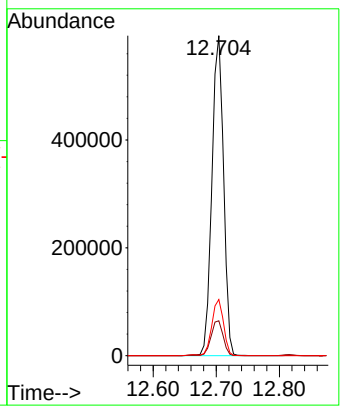


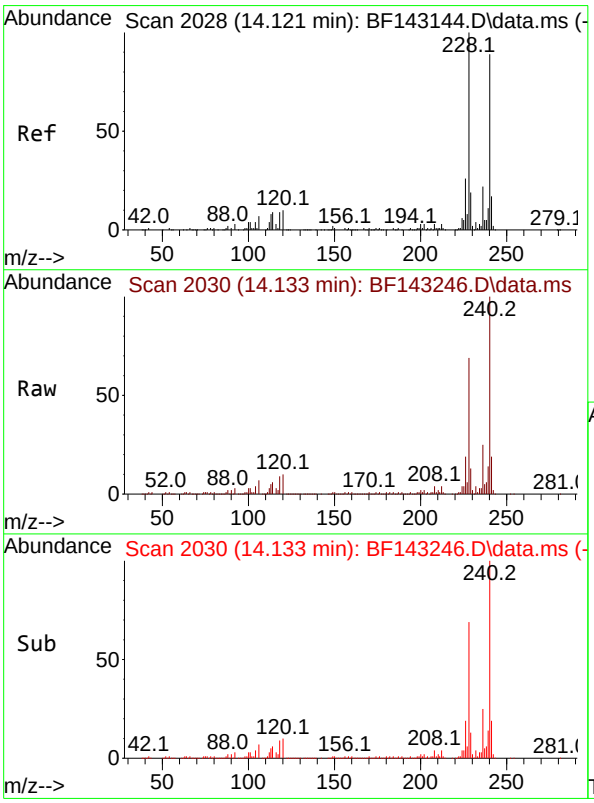
#75
Fluoranthene
Concen: 38.122 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 758999

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.7
203	17.6	0.0	37.4

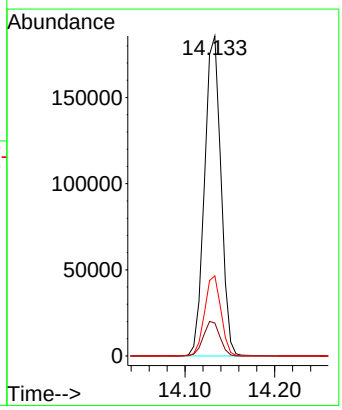


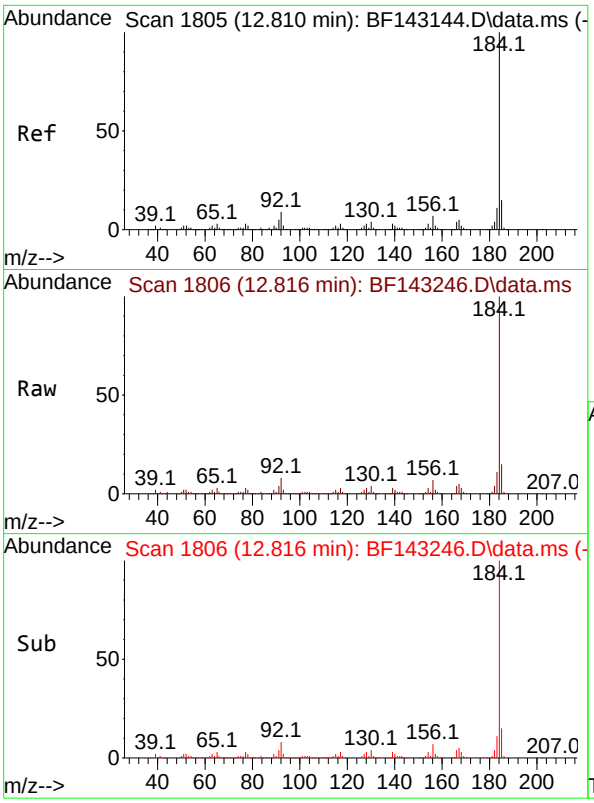


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:240 Resp: 235891

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.4	14.2
236	25.1	20.2	30.4



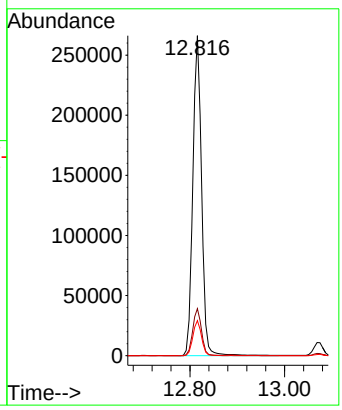


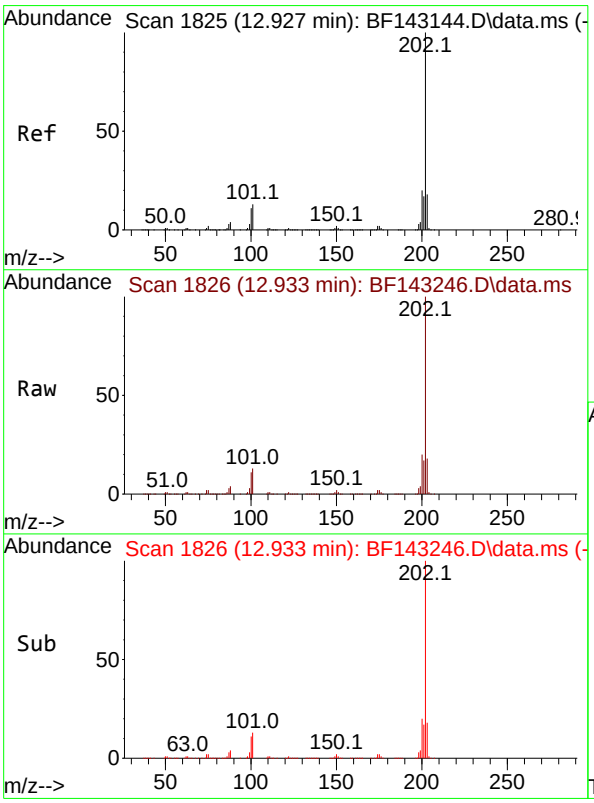
#77
Benzidine
Concen: 37.719 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 342804

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.4
183	10.9	9.0	13.4

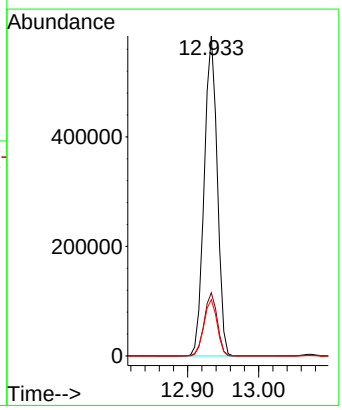


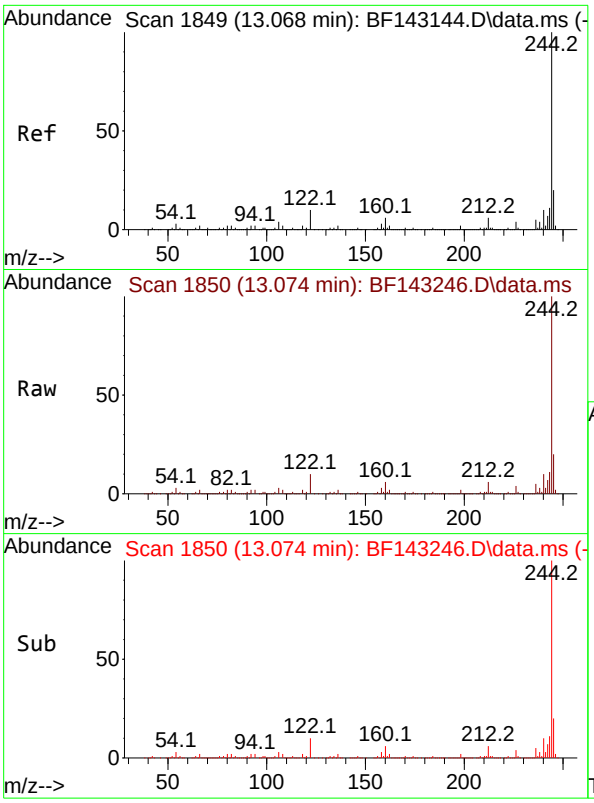


#78
Pyrene
Concen: 37.104 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:202 Resp: 746974

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	17.6	14.2	21.2



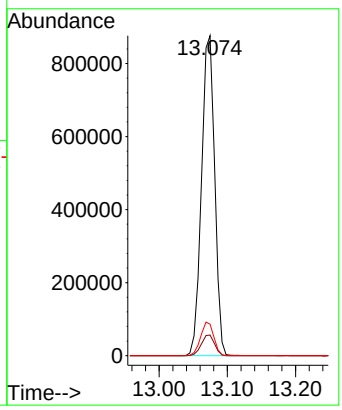


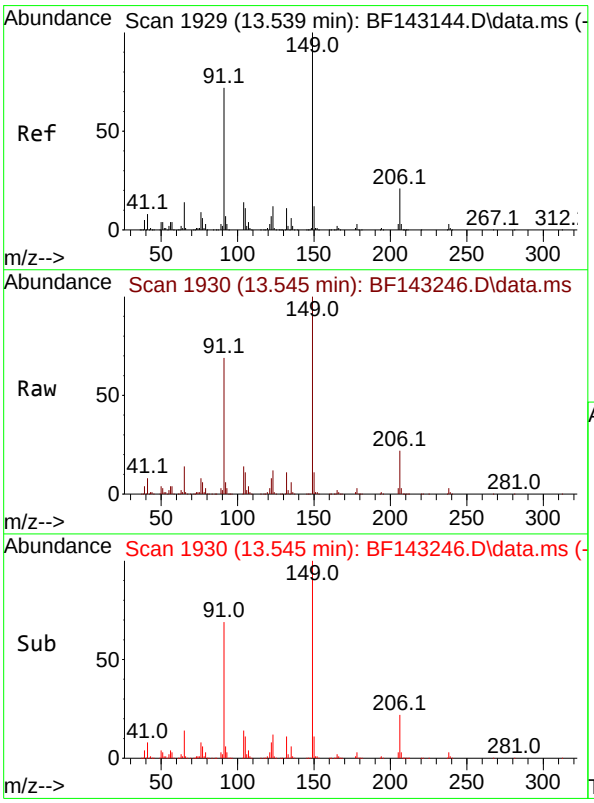
#79
Terphenyl-d14
Concen: 74.399 ng
RT: 13.074 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1179358

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	9.9	8.2	12.2

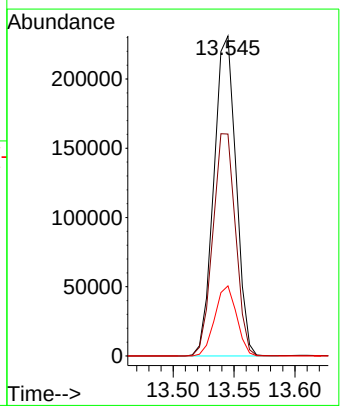


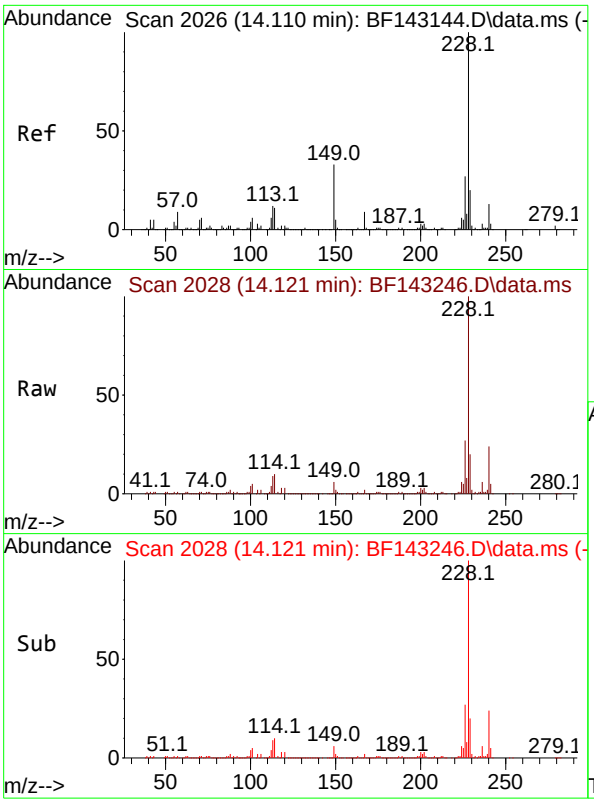


#80
Butylbenzylphthalate
Concen: 47.599 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:149 Resp: 293433

Ion	Ratio	Lower	Upper
149	100		
91	69.4	57.9	86.9
206	21.9	17.0	25.4



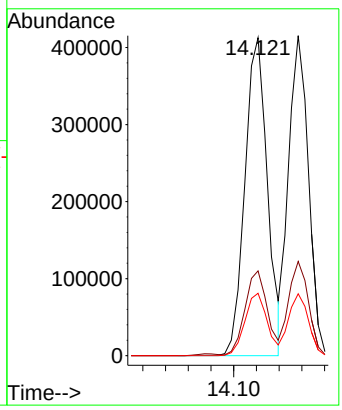


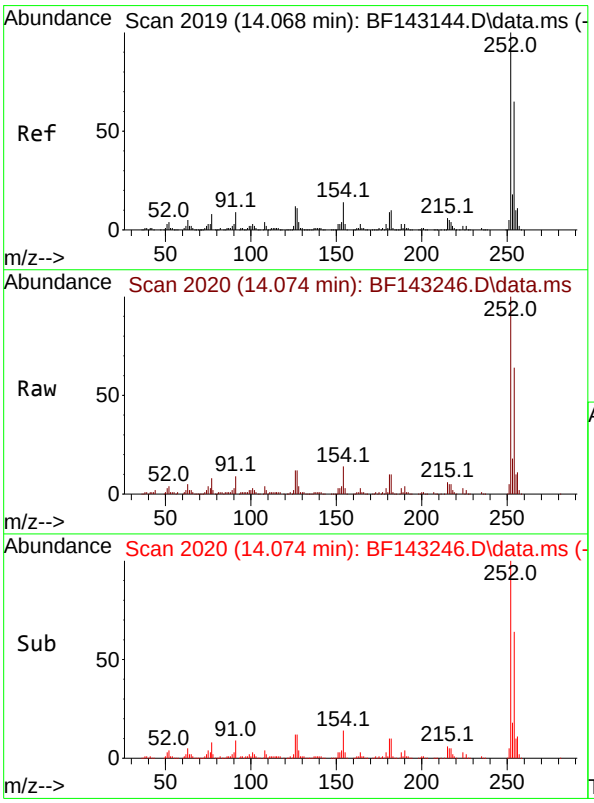
#81
Benzo(a)anthracene
Concen: 35.970 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 568068

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.6	15.8	23.6

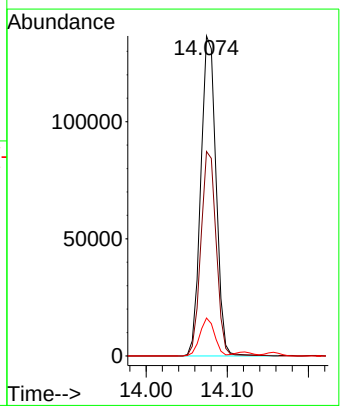


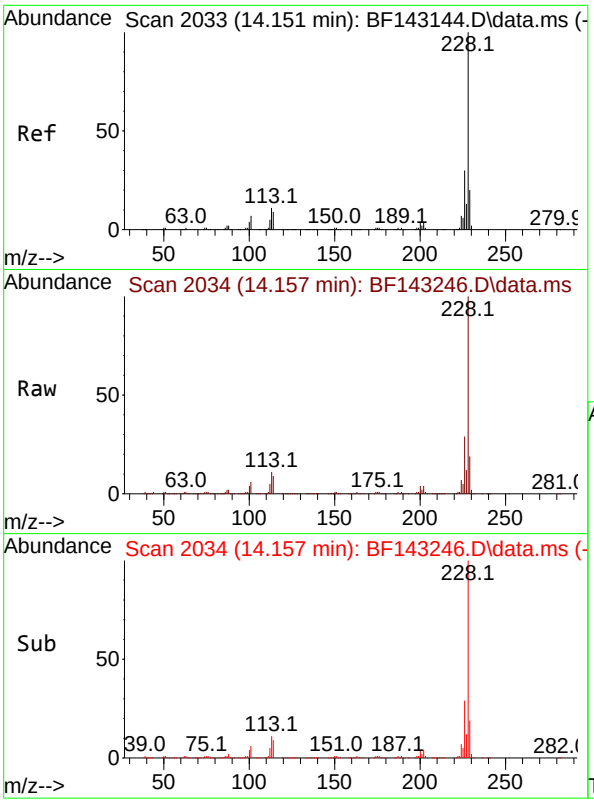


#82
3,3'-Dichlorobenzidine
Concen: 33.803 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:252 Resp: 177927

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.7	77.5
126	11.8	9.4	14.0



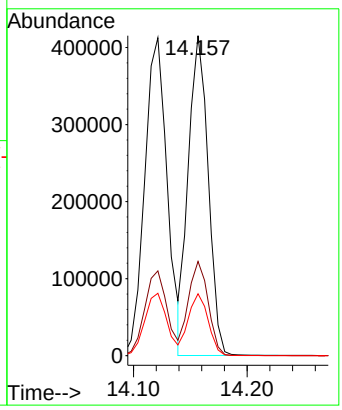


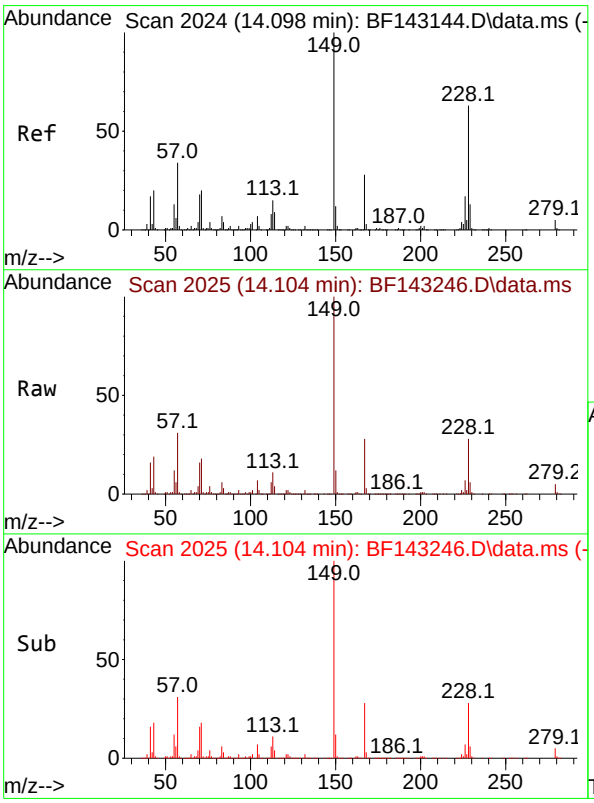
#83
Chrysene
Concen: 35.522 ng
RT: 14.157 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 504391

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	19.4	15.6	23.4

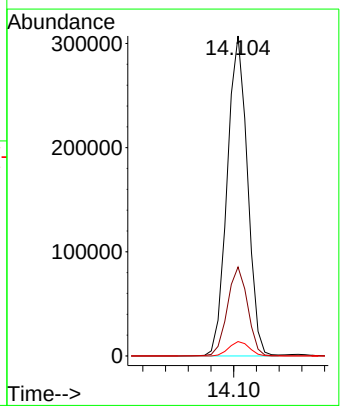


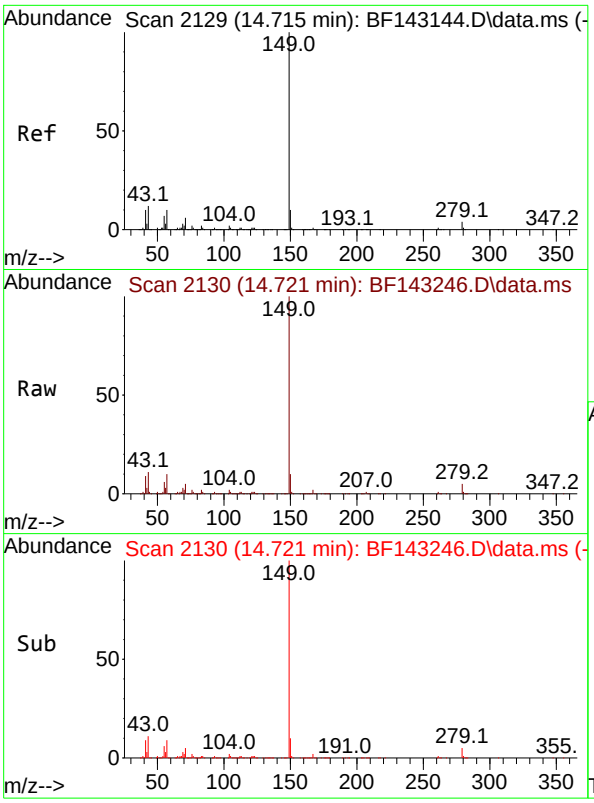


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.828 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:149 Resp: 380963

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.3	33.5
279	4.5	3.6	5.4



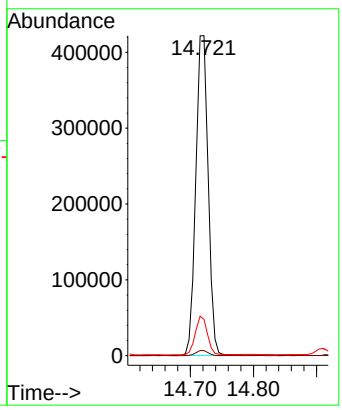


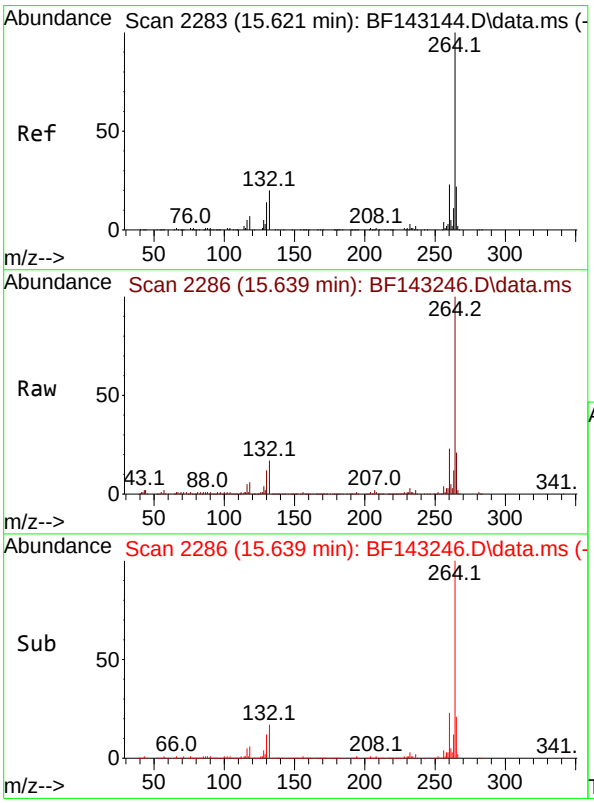
#85
Di-n-octyl phthalate
Concen: 33.907 ng
RT: 14.721 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 573476

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	11.8	9.7	14.5

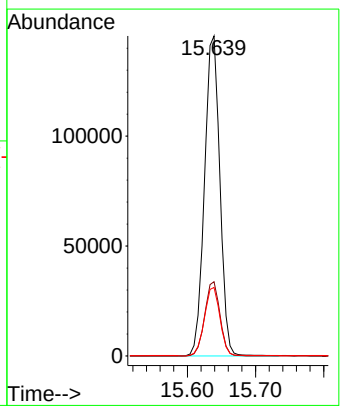


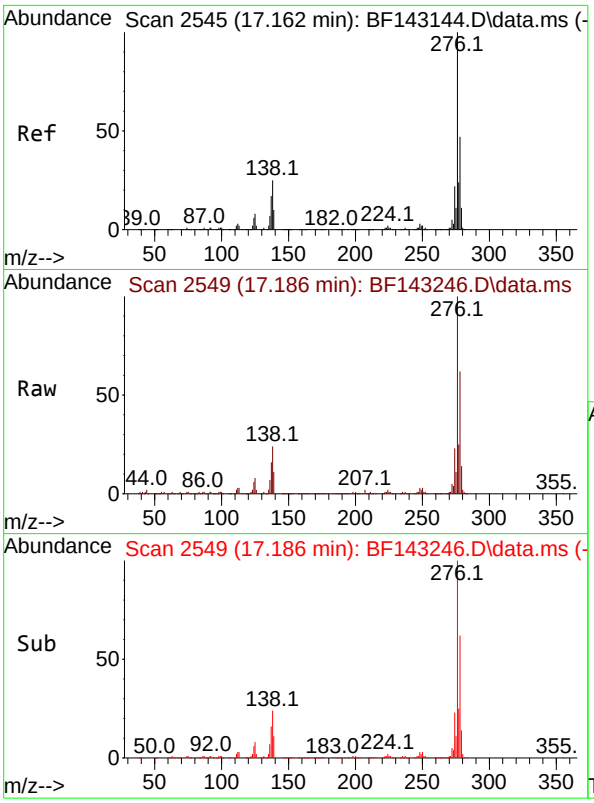


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:264 Resp: 228396

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.4	17.4	26.2



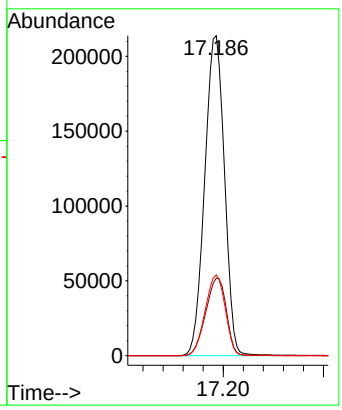


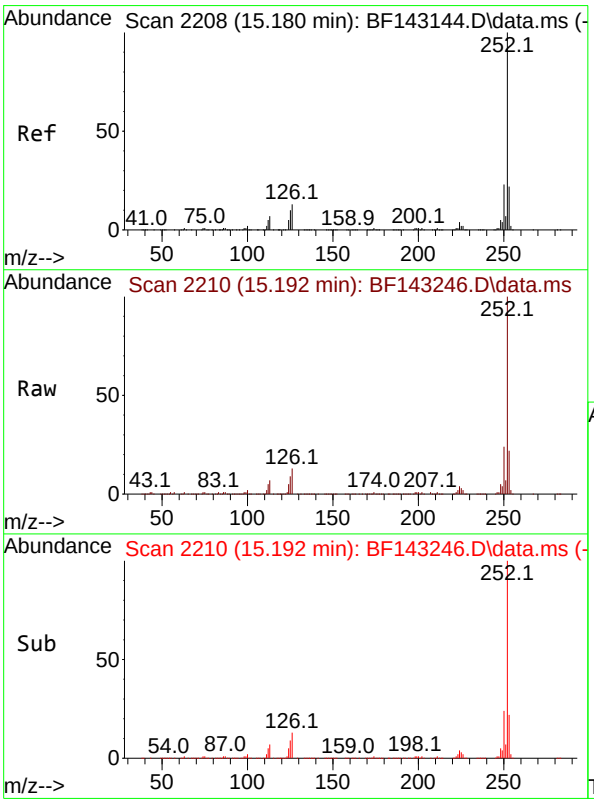
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.376 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 585841

Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.8	32.6
277	25.7	20.0	30.0

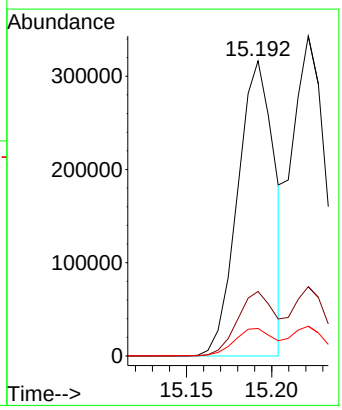


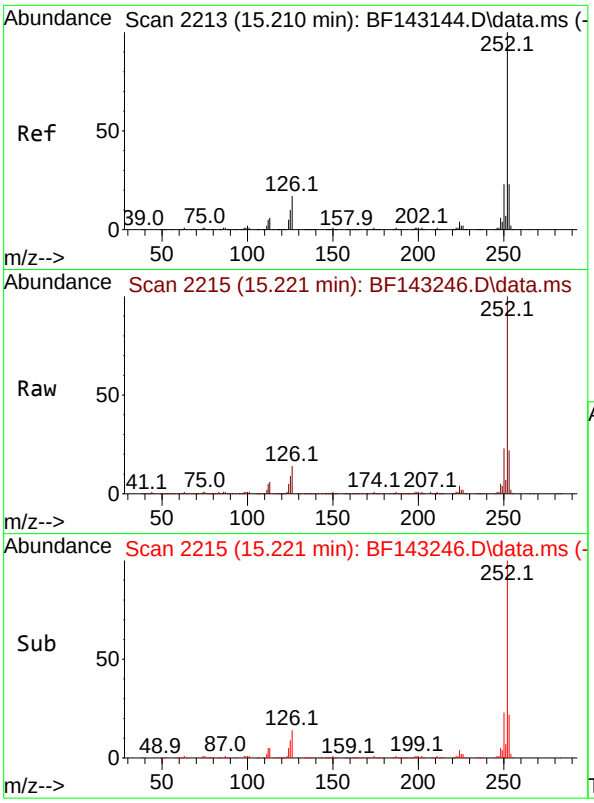


#88
Benzo(b)fluoranthene
Concen: 33.865 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:252 Resp: 472520

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.3	8.0	12.0



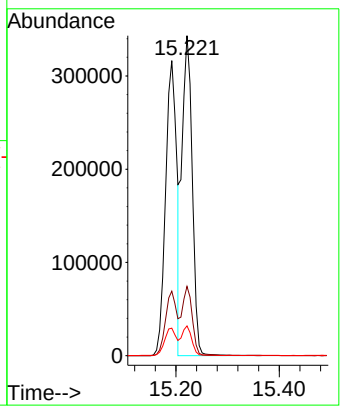


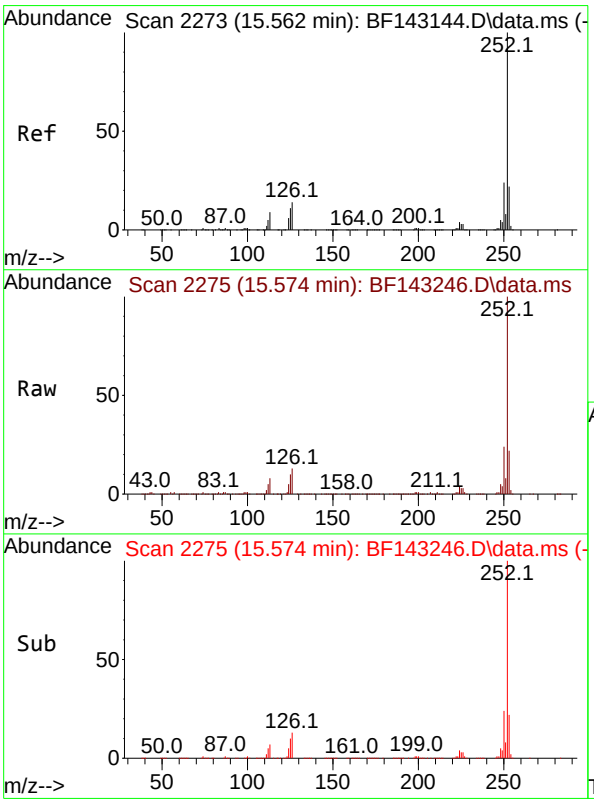
#89
Benzo(k)fluoranthene
Concen: 37.950 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 472515

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	9.3	8.1	12.1

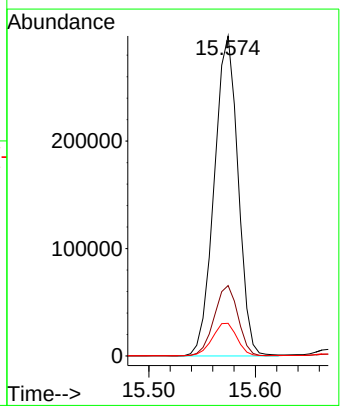


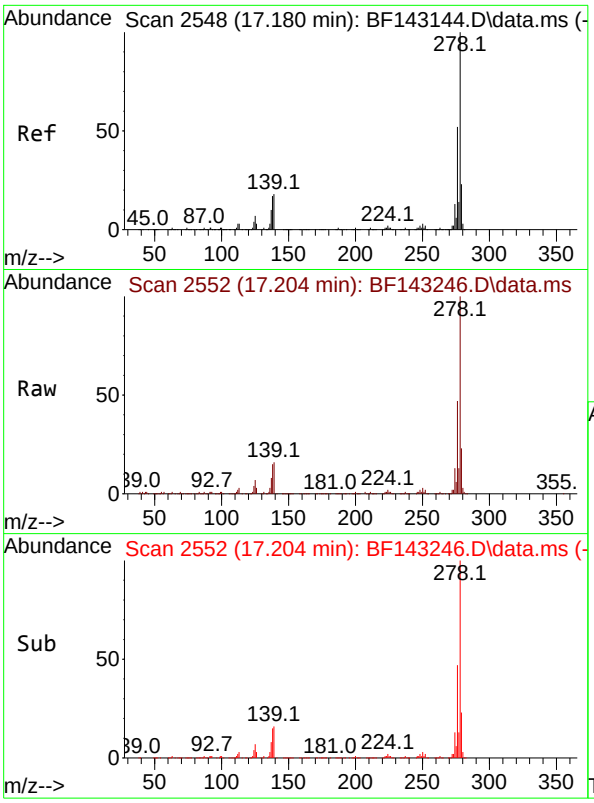


#90
Benzo(a)pyrene
Concen: 35.994 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:252 Resp: 462725

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.2	8.6	13.0



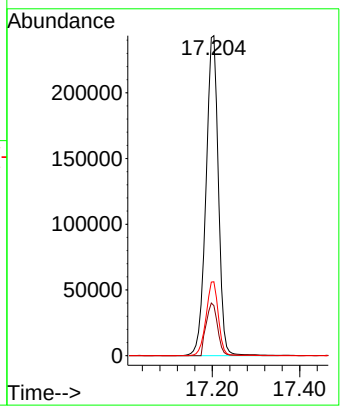


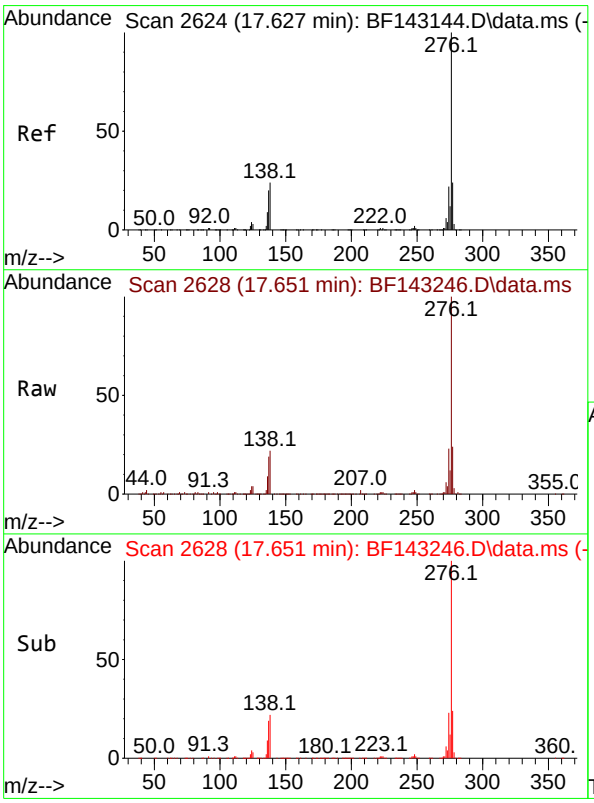
#91
Dibenzo(a,h)anthracene
Concen: 36.656 ng
RT: 17.204 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

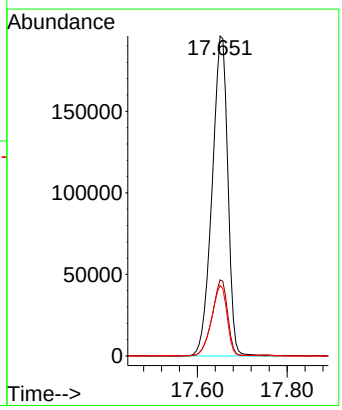
Tgt Ion:278 Resp: 480508

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.1	21.1
279	23.1	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 37.596 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.024 min
Lab File: BF143246.D
Acq: 25 Jul 2025 12:42

Tgt Ion:276 Resp: 476723

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	22.1	18.9	28.3