Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	199243	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	783419	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	422251	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	732764	20.000	ng	0.00
76) Chrysene-d12	14.074	240	429049	20.000	ng	0.00
86) Perylene-d12	15.563	264	422358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1089406	93.338	ng	0.00
7) Phenol-d6	6.528	99	1325765	92.355	ng	0.00
23) Nitrobenzene-d5	7.469	82	1274851	99.244	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	421374	103.360	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2521890	85.160	ng	0.00
79) Terphenyl-d14	13.016	244	2544484	87.778	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	244141	46.450	ng	99
3) Pyridine	3.440	79	619125	50.172	ng	98
4) n-Nitrosodimethylamine	3.393	42	331847	46.270	ng	98
6) Aniline	6.569	93	861426	61.179	ng	100
8) 2-Chlorophenol	6.687	128	595294	47.729	ng	99
9) Benzaldehyde	6.457	77	299990	35.706	ng	99
10) Phenol	6.540	94	756188	49.695	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	600392	40.011	ng	98
12) 1,3-Dichlorobenzene	6.845	146	648776	45.467	ng	99
13) 1,4-Dichlorobenzene	6.922	146	653098	45.586	ng	99
14) 1,2-Dichlorobenzene	7.075	146	633135	46.040	ng	100
15) Benzyl Alcohol	7.045	79	474722	51.070	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1017623	45.413	ng	100
17) 2-Methylphenol	7.151	107	478348	47.372	ng	100
18) Hexachloroethane	7.422	117	224841	47.168	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	410811	46.265	ng	97
20) 3+4-Methylphenols	7.304	107	589778	46.799	ng	97
22) Acetophenone	7.316	105	781512	44.866	ng	99
24) Nitrobenzene	7.492	77	601351	49.663	ng	96
25) Isophorone	7.728	82	1131035	46.497	ng	99
26) 2-Nitrophenol	7.804	139	272331	46.775	ng	99
27) 2,4-Dimethylphenol	7.834	122	572246	46.791	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	711812	45.508	ng	100
29) 2,4-Dichlorophenol	8.040	162	507181	48.778	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	540912	46.225	ng	99
31) Naphthalene	8.210	128	1734051	45.670	ng	100
32) Benzoic acid	7.945	122	315432m	48.069	ng	
33) 4-Chloroaniline	8.257	127	740296	47.782	ng	99
34) Hexachlorobutadiene	8.328	225	321190	46.354	ng	99
35) Caprolactam	8.622	113	158124	52.181	ng	97
36) 4-Chloro-3-methylphenol	8.734	107	513736	47.531	ng	100
37) 2-Methylnaphthalene	8.898	142	1072003	45.437	ng	98
38) 1-Methylnaphthalene	8.998	142	1116031	45.385	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	539798	45.772	ng	99
41) Hexachlorocyclopentadiene	9.057	237	360385	49.446	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	361231	48.561	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

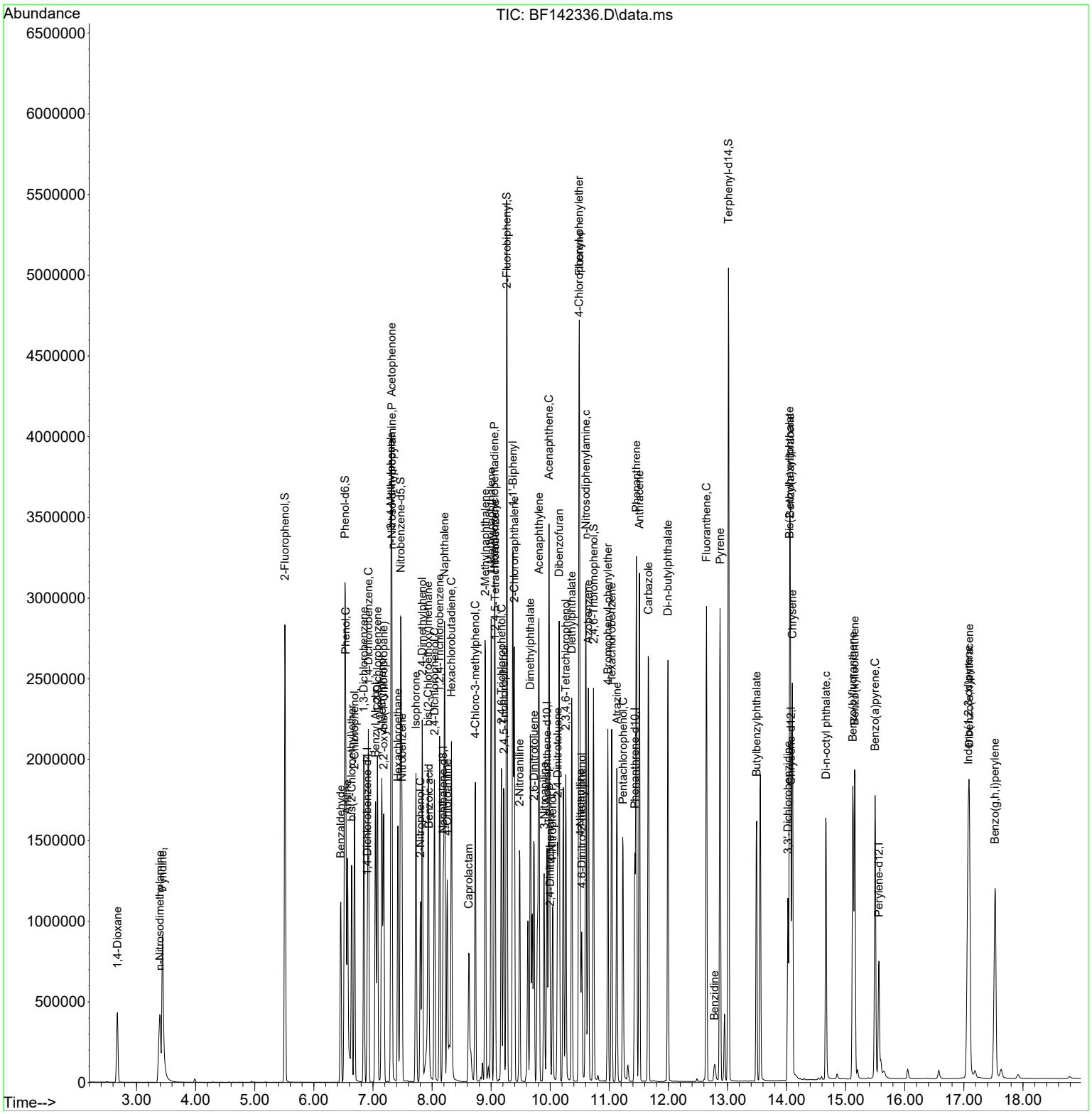
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	390633	49.355	ng		98
46) 1,1'-Biphenyl	9.369	154	1449158	44.761	ng		99
47) 2-Chloronaphthalene	9.392	162	1088716	45.218	ng		99
48) 2-Nitroaniline	9.481	65	326709	52.939	ng		98
49) Acenaphthylene	9.810	152	1810909	44.961	ng		99
50) Dimethylphthalate	9.663	163	1272686	46.938	ng		100
51) 2,6-Dinitrotoluene	9.728	165	273559	53.901	ng		91
52) Acenaphthene	9.981	154	1090605	45.032	ng		99
53) 3-Nitroaniline	9.898	138	316945	53.247	ng		96
54) 2,4-Dinitrophenol	9.998	184	115320	46.934	ng	#	13
55) Dibenzofuran	10.151	168	1610610	45.062	ng		99
56) 4-Nitrophenol	10.039	139	241256	53.854	ng		99
57) 2,4-Dinitrotoluene	10.128	165	360605	55.391	ng		98
58) Fluorene	10.492	166	1210666	44.385	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	326712	50.003	ng		99
60) Diethylphthalate	10.363	149	1282684	47.371	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	597338	45.391	ng		99
62) 4-Nitroaniline	10.510	138	234587	49.726	ng		99
63) Azobenzene	10.645	77	1177154	45.494	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	157743	46.453	ng		99
66) n-Nitrosodiphenylamine	10.604	169	1095830	44.941	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	383867	46.223	ng		98
68) Hexachlorobenzene	11.039	284	425189	46.545	ng		98
69) Atrazine	11.128	200	323129	50.272	ng		99
70) Pentachlorophenol	11.233	266	253484	52.747	ng		97
71) Phenanthrene	11.457	178	1716372	44.686	ng		100
72) Anthracene	11.510	178	1765937	44.746	ng		100
73) Carbazole	11.663	167	1590890	44.931	ng		99
74) Di-n-butylphthalate	11.992	149	1820284	48.890	ng		100
75) Fluoranthene	12.645	202	1715140	44.671	ng		100
77) Benzidine	12.780	184	86272	11.065	ng		98
78) Pyrene	12.874	202	1695335	44.393	ng		100
80) Butylbenzylphthalate	13.492	149	527431	47.376	ng		98
81) Benzo(a)anthracene	14.063	228	1286820	46.312	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	348051	53.865	ng		99
83) Chrysene	14.098	228	1161556	44.906	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	655350	45.405	ng		99
85) Di-n-octyl phthalate	14.668	149	1151683	44.663	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1403936	47.784	ng		100
88) Benzo(b)fluoranthene	15.121	252	1209004	47.263	ng		100
89) Benzo(k)fluoranthene	15.151	252	1059661	45.267	ng		99
90) Benzo(a)pyrene	15.498	252	1098240	47.910	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	1144103	47.135	ng		99
92) Benzo(g,h,i)perylene	17.527	276	1133909	47.068	ng		100

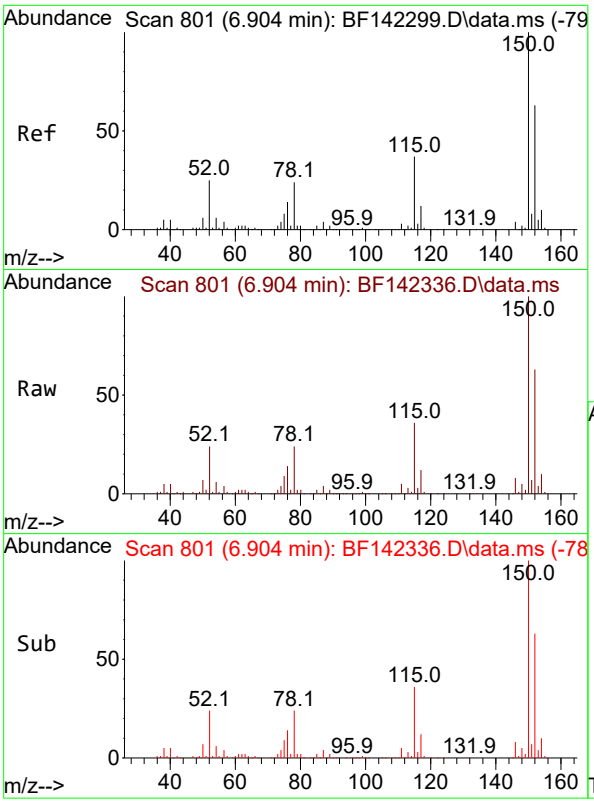
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



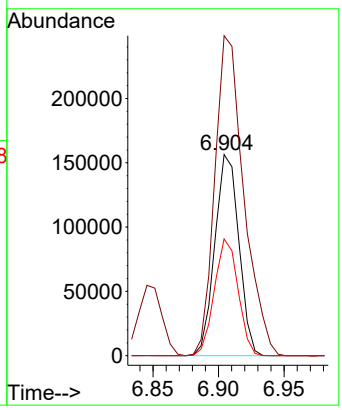


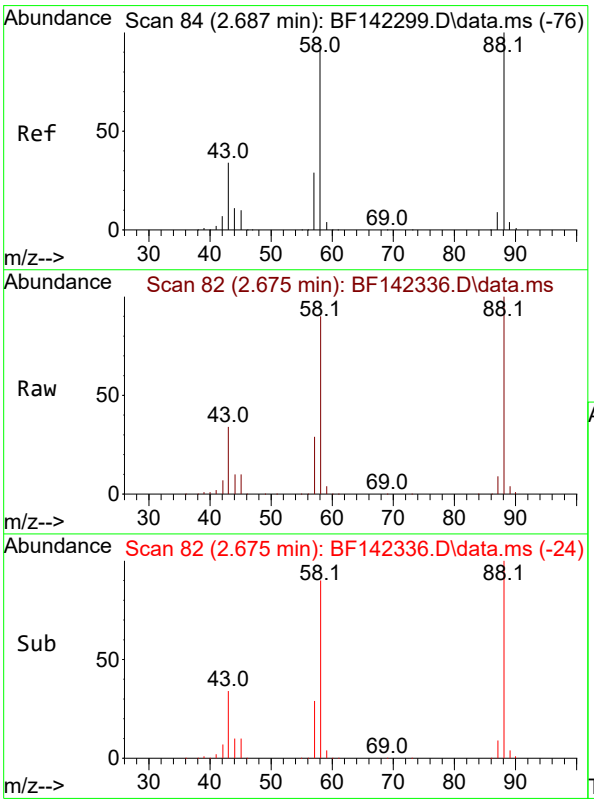
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 199243

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	190.0
115	58.1	47.3	70.9

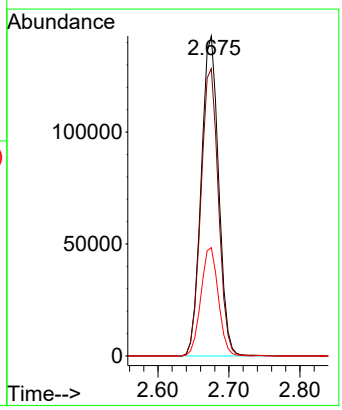


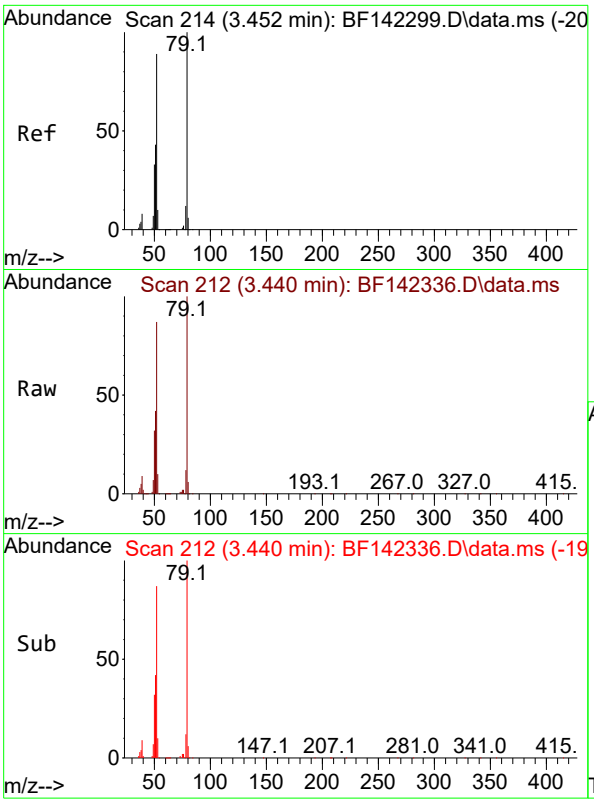


#2
1,4-Dioxane
Concen: 46.450 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.012 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 88 Resp: 244141

Ion	Ratio	Lower	Upper
88	100		
58	90.0	73.0	109.4
43	33.8	27.8	41.6



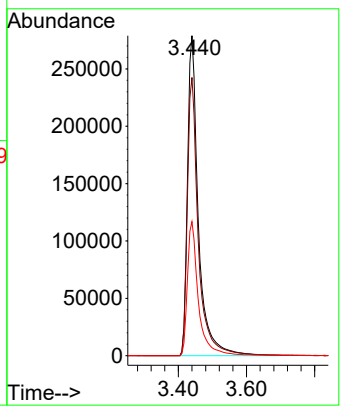


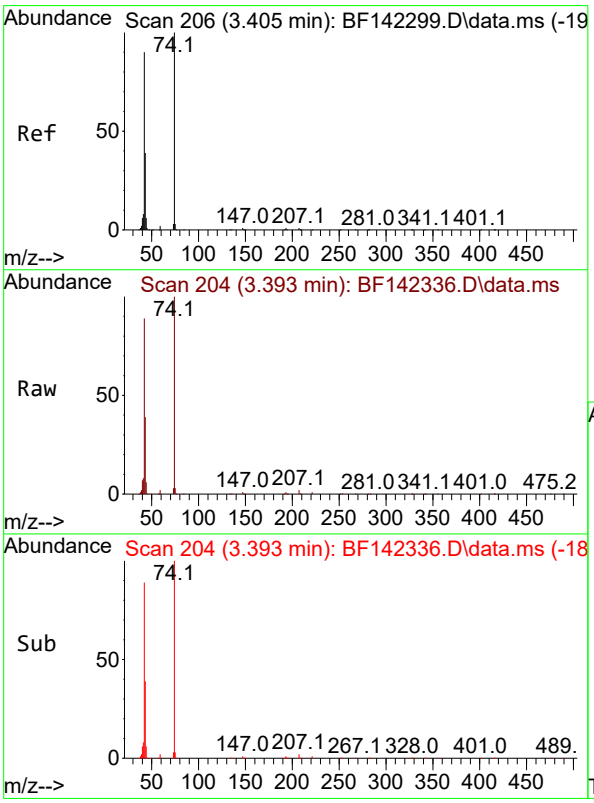
#3
Pyridine
Concen: 50.172 ng
RT: 3.440 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 619125

Ion	Ratio	Lower	Upper
79	100		
52	86.9	71.0	106.4
51	41.9	34.9	52.3

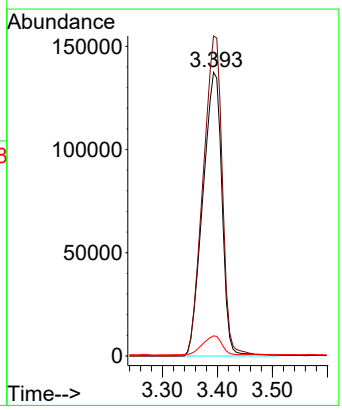


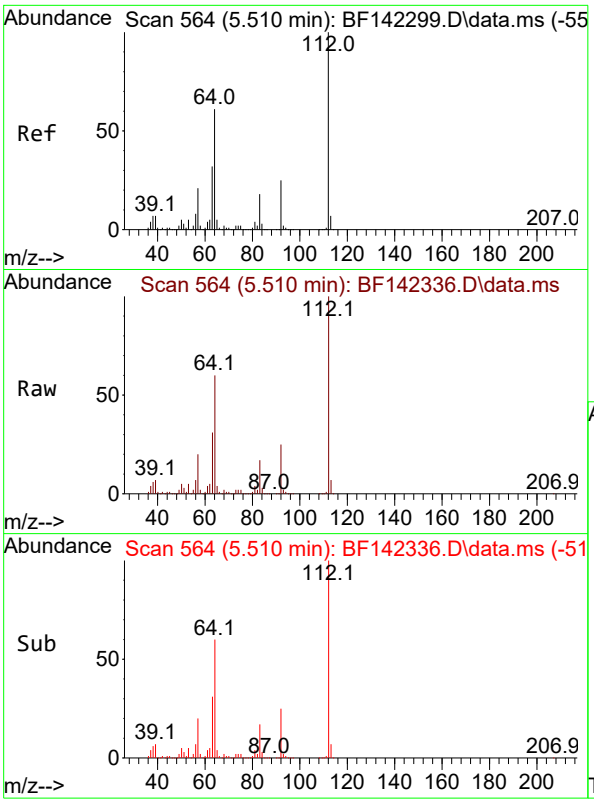


#4
n-Nitrosodimethylamine
Concen: 46.270 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 42 Resp: 331847

Ion	Ratio	Lower	Upper
42	100		
74	112.8	88.5	132.7
44	7.1	5.8	8.8



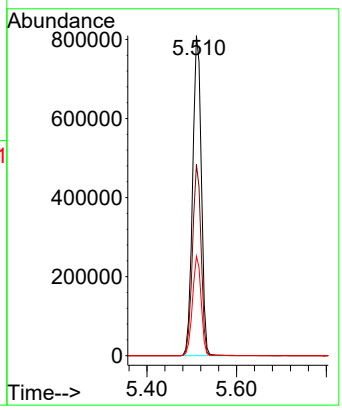


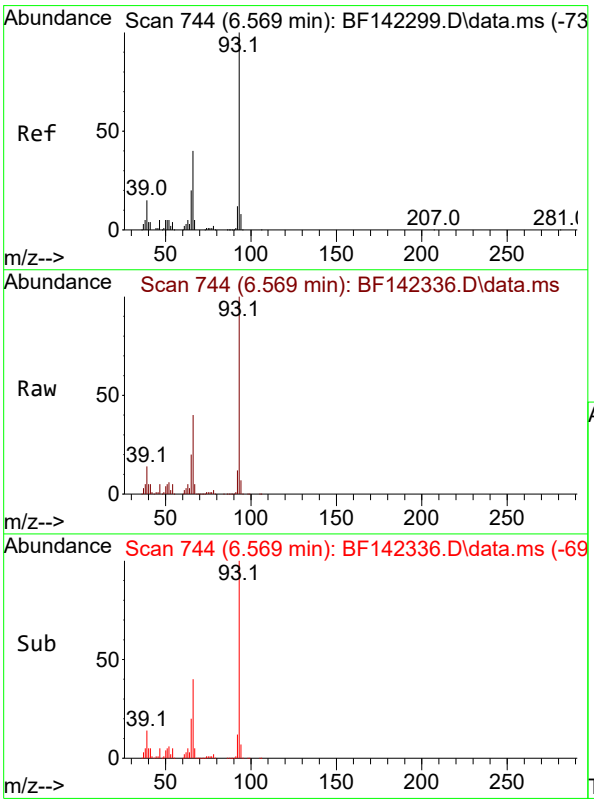
#5
2-Fluorophenol
Concen: 93.338 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1089406

Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.9	73.3
63	31.1	25.6	38.4

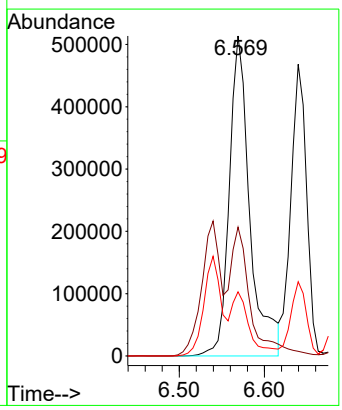


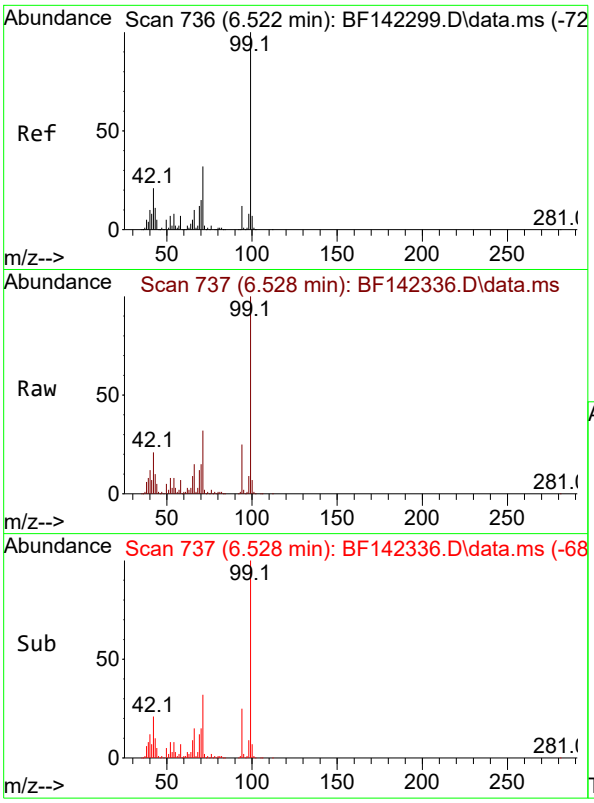


#6
Aniline
Concen: 61.179 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 93 Resp: 861426

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.2	48.4
65	20.1	16.3	24.5



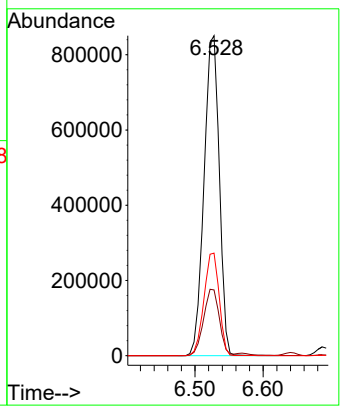


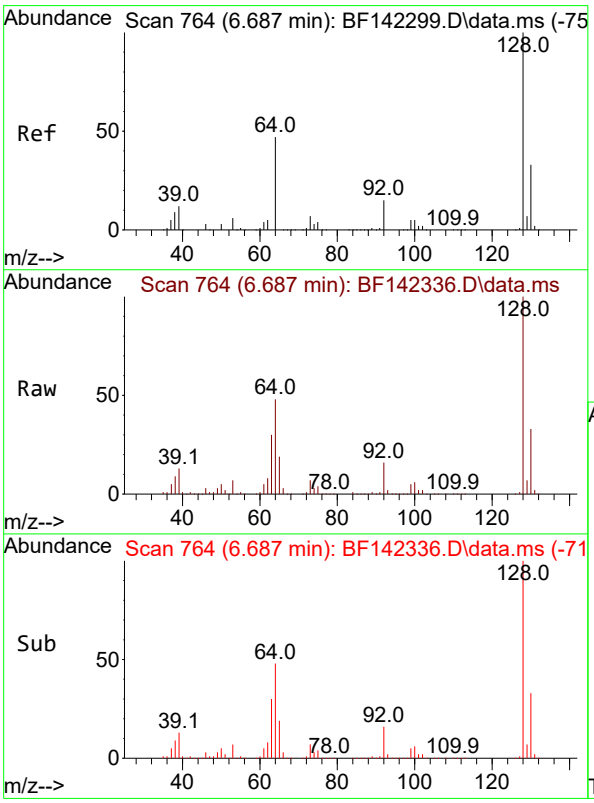
#7
Phenol-d6
Concen: 92.355 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1325765

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.4
71	32.0	25.8	38.8

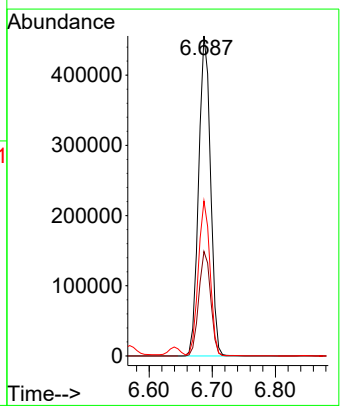


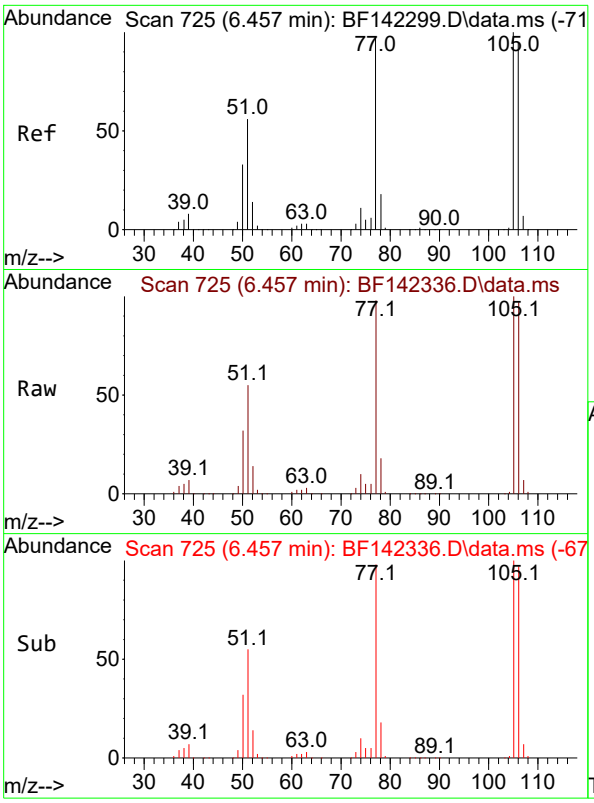


#8
2-Chlorophenol
Concen: 47.729 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:128 Resp: 595294

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	48.4	29.2	69.2



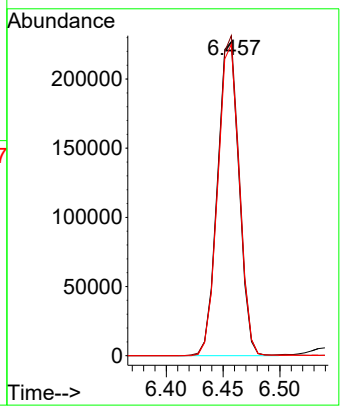


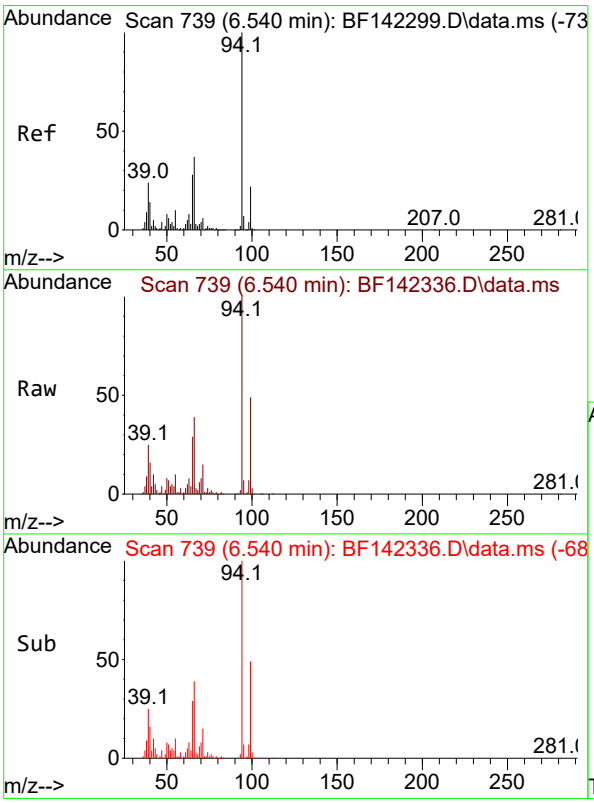
#9
Benzaldehyde
Concen: 35.706 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 299990

Ion	Ratio	Lower	Upper
77	100		
105	102.0	82.0	122.0
106	99.2	77.2	117.2

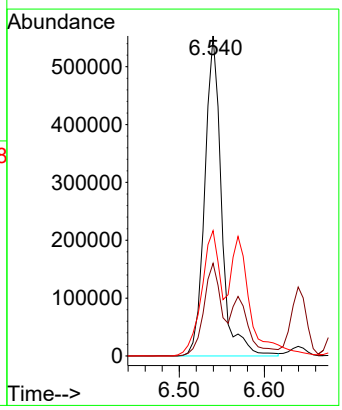


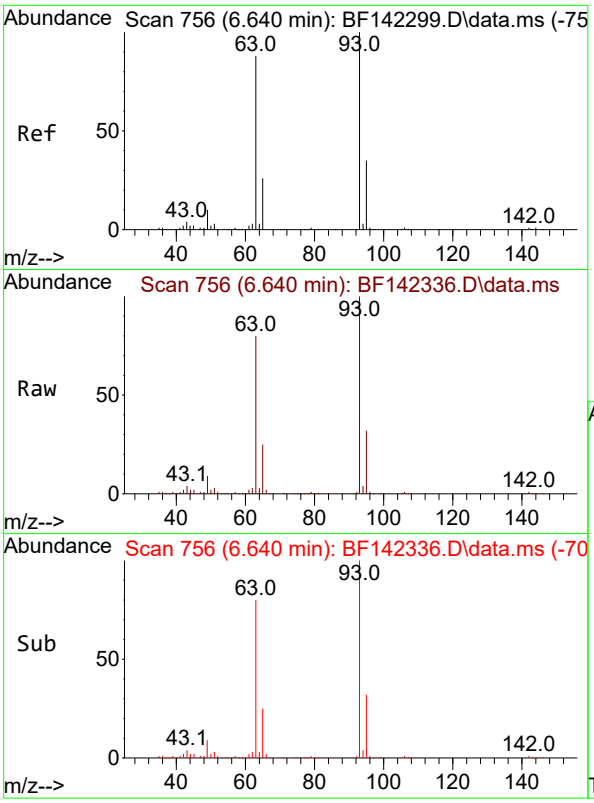


#10
Phenol
Concen: 49.695 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 94 Resp: 756188

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	39.2	17.3	57.3



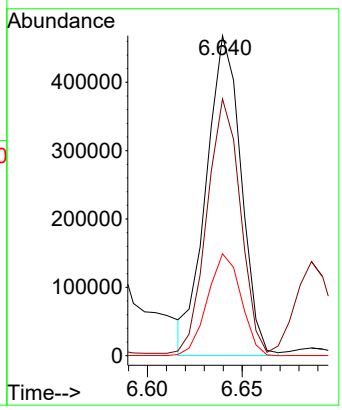


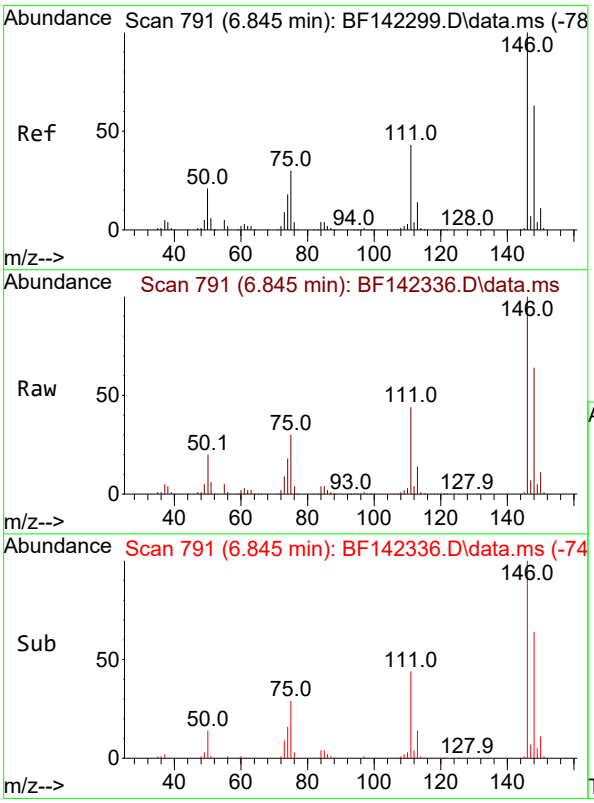
#11
bis(2-Chloroethyl)ether
Concen: 40.011 ng
RT: 6.640 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 600392

Ion	Ratio	Lower	Upper
93	100		
63	80.3	58.4	98.4
95	31.9	10.6	50.6

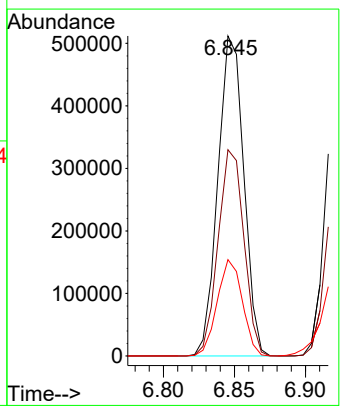


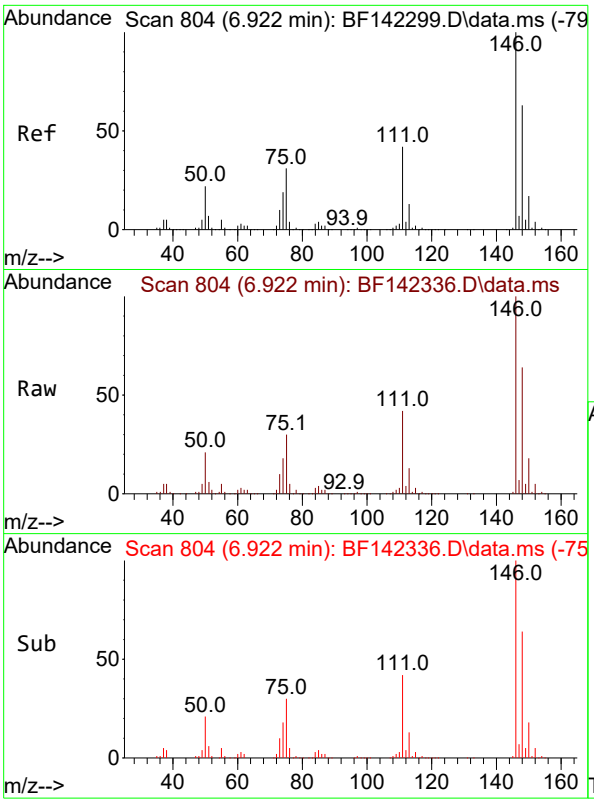


#12
1,3-Dichlorobenzene
Concen: 45.467 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:146 Resp: 648776

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
75	30.1	24.2	36.4



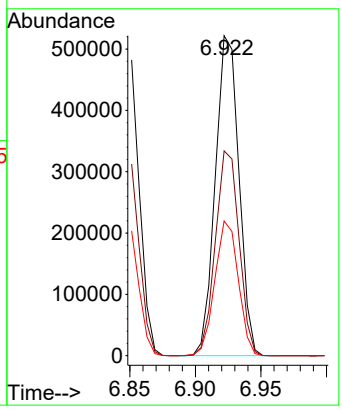


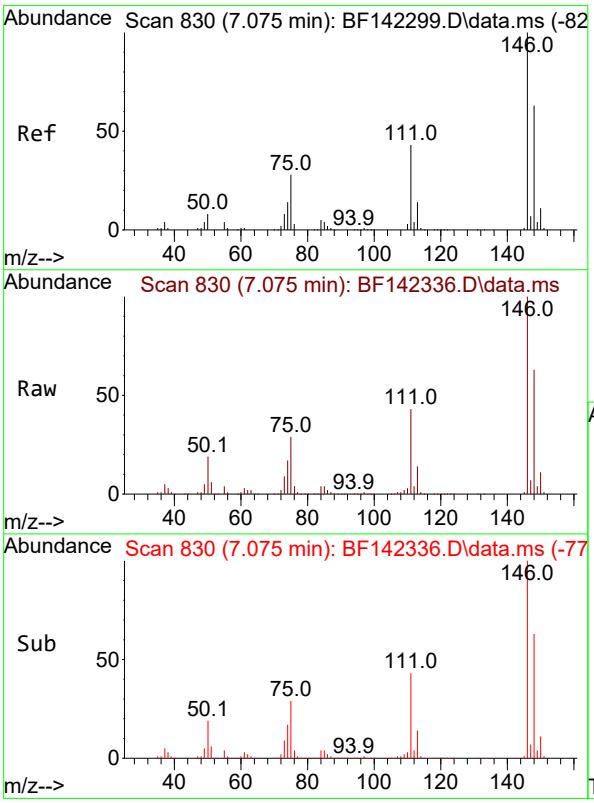
#13
1,4-Dichlorobenzene
Concen: 45.586 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 653098

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
111	42.1	33.4	50.2

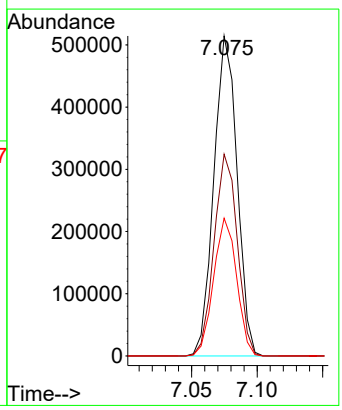


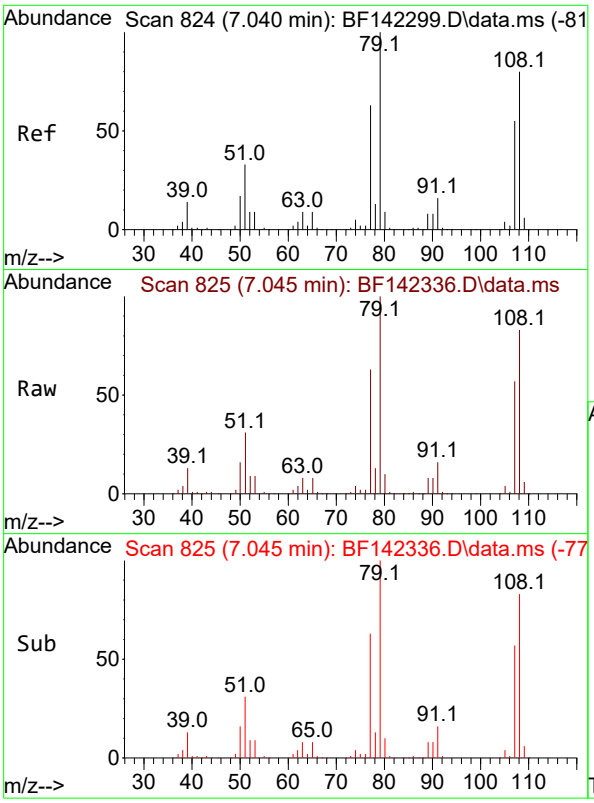


#14
1,2-Dichlorobenzene
Concen: 46.040 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:146 Resp: 633135

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	43.0	34.5	51.7



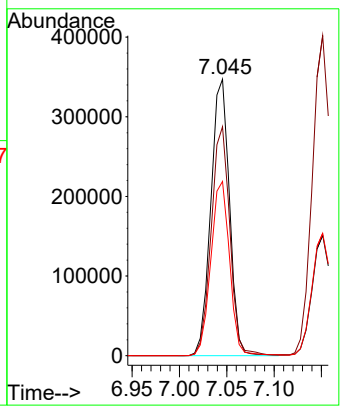


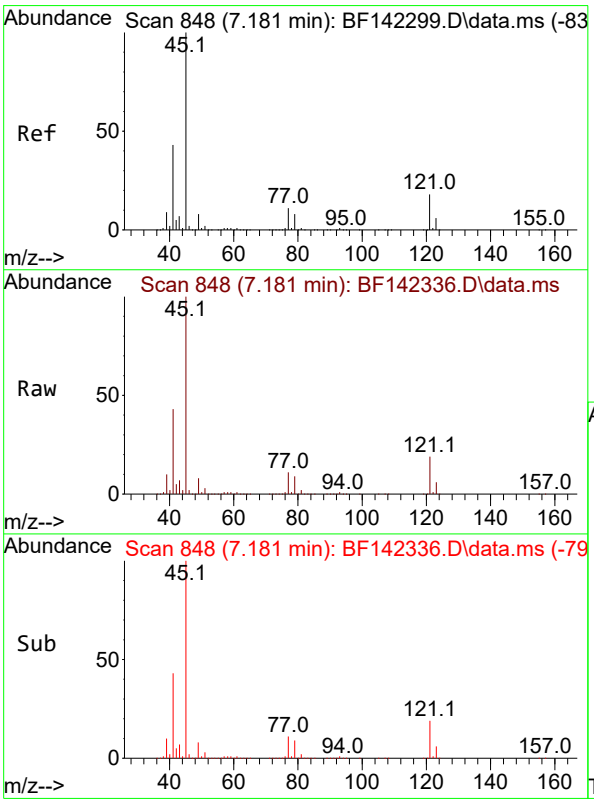
#15
Benzyl Alcohol
Concen: 51.070 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 474722

Ion	Ratio	Lower	Upper
79	100		
108	82.9	63.9	95.9
77	63.0	50.7	76.1

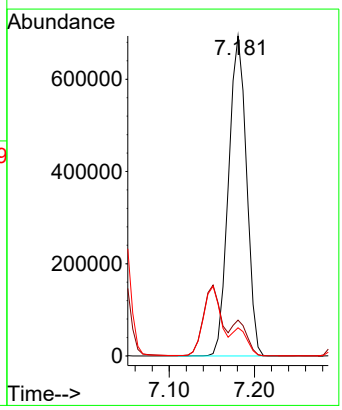


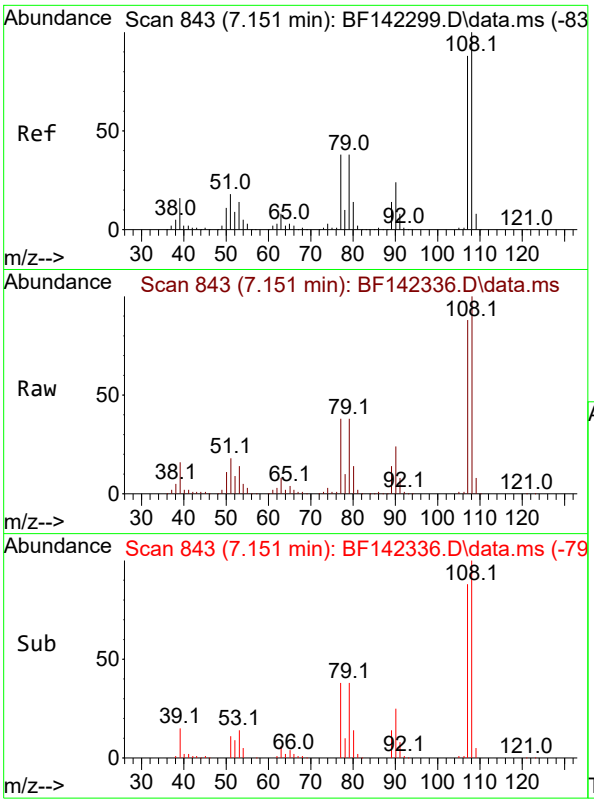


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.413 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 45 Resp: 1017623

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.8	0.0	28.5



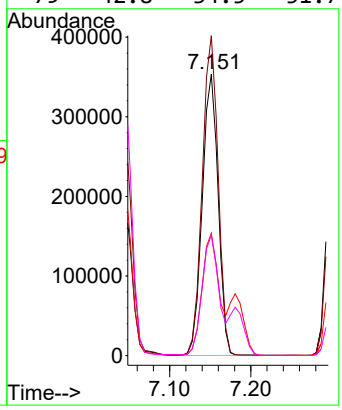


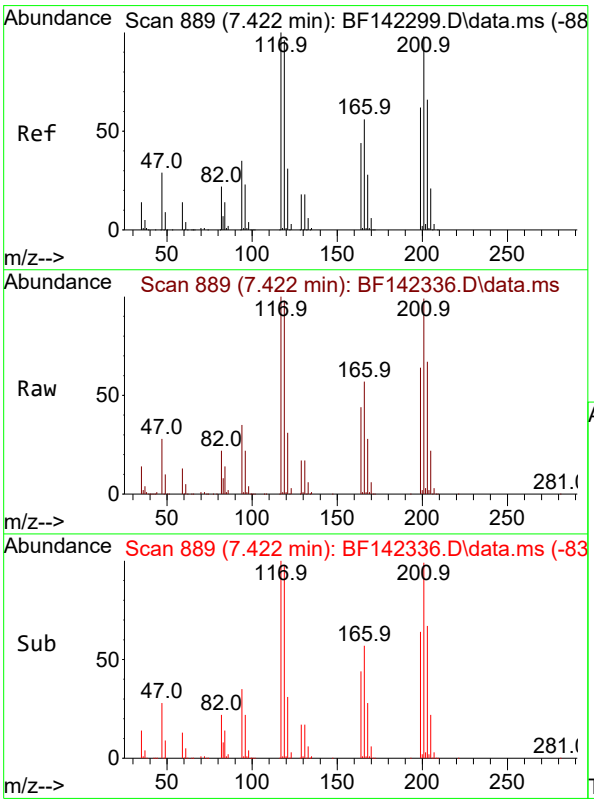
#17
2-Methylphenol
Concen: 47.372 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 478348

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.1	136.7
77	43.5	34.7	52.1
79	42.8	34.5	51.7

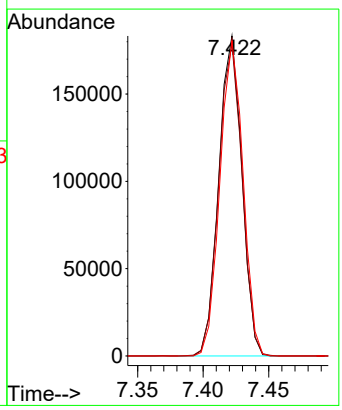


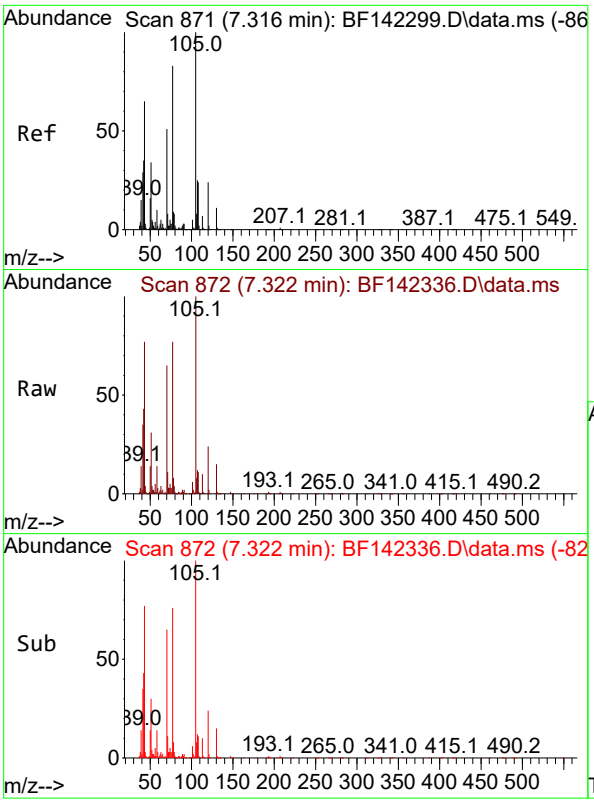


#18
Hexachloroethane
Concen: 47.168 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:117 Resp: 224841

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	98.5	78.0	117.0



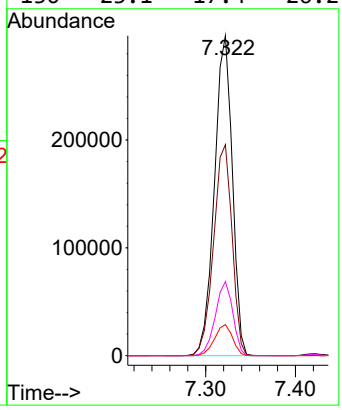


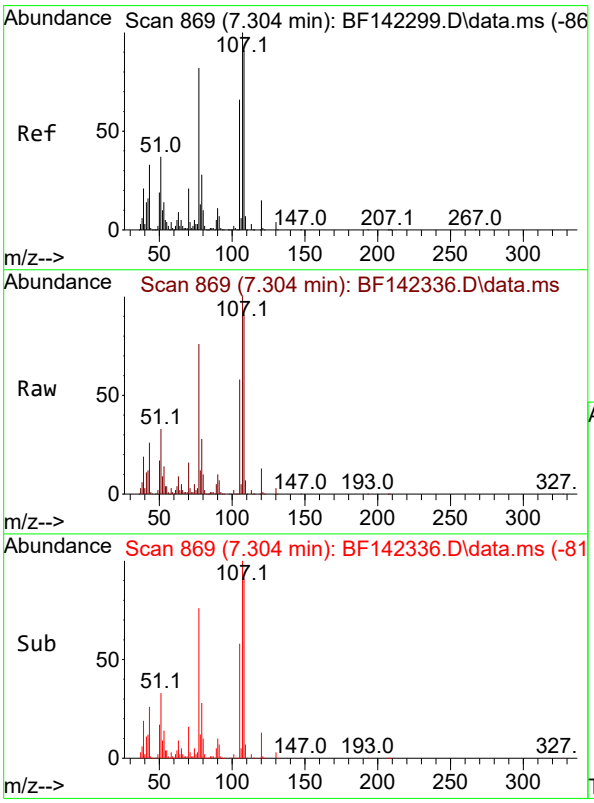
#19
n-Nitroso-di-n-propylamine
Concen: 46.265 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 410811

Ion	Ratio	Lower	Upper
70	100		
42	65.9	54.8	82.2
101	9.7	7.7	11.5
130	23.1	17.4	26.2

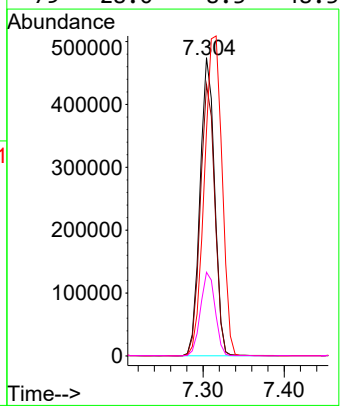


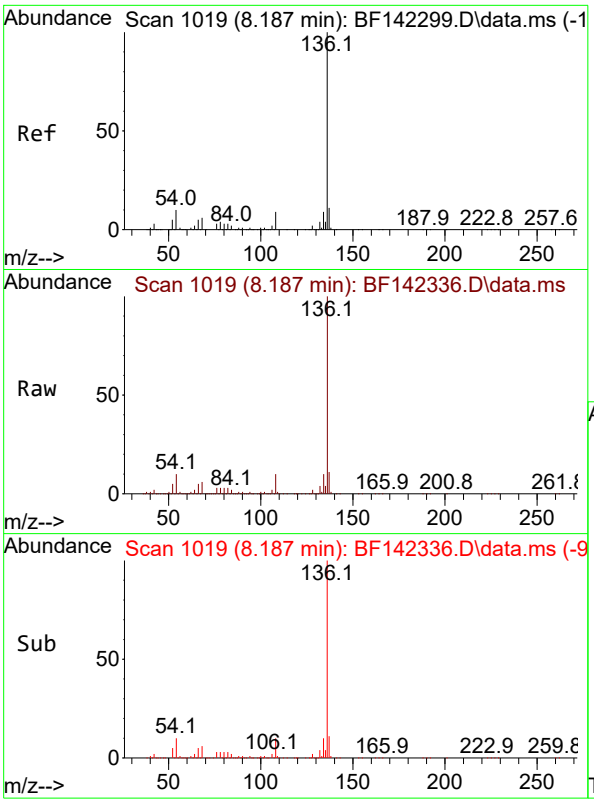


#20
3+4-Methylphenols
Concen: 46.799 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:107 Resp: 589778

Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.5	111.5
77	75.7	61.6	101.6
79	28.0	8.3	48.3



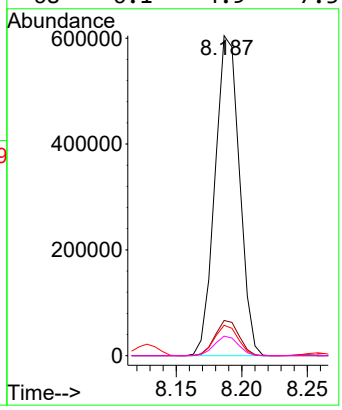


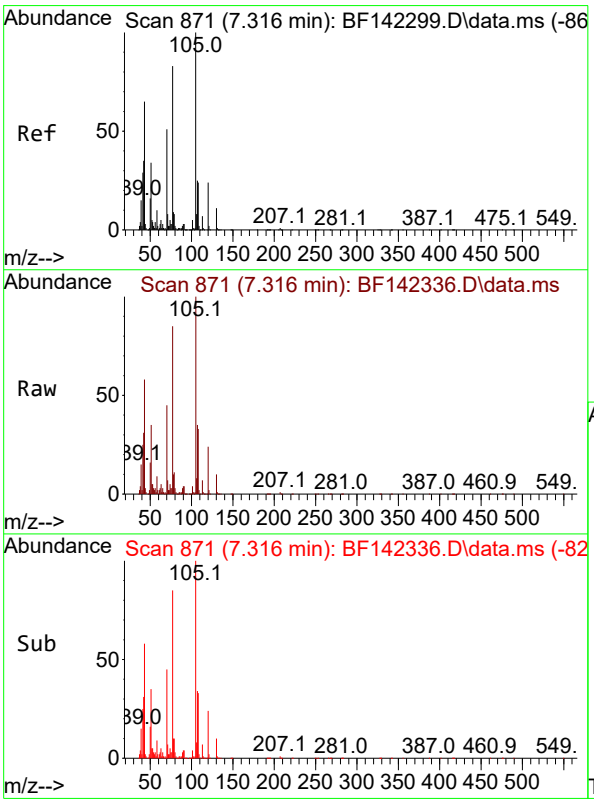
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 783419

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	7.7	11.5
68	6.1	4.9	7.3

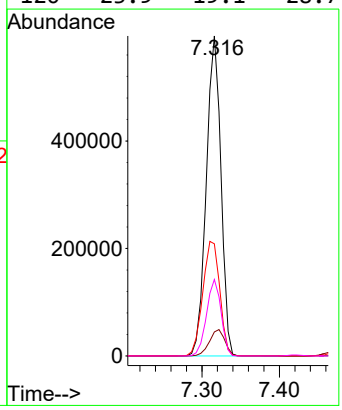


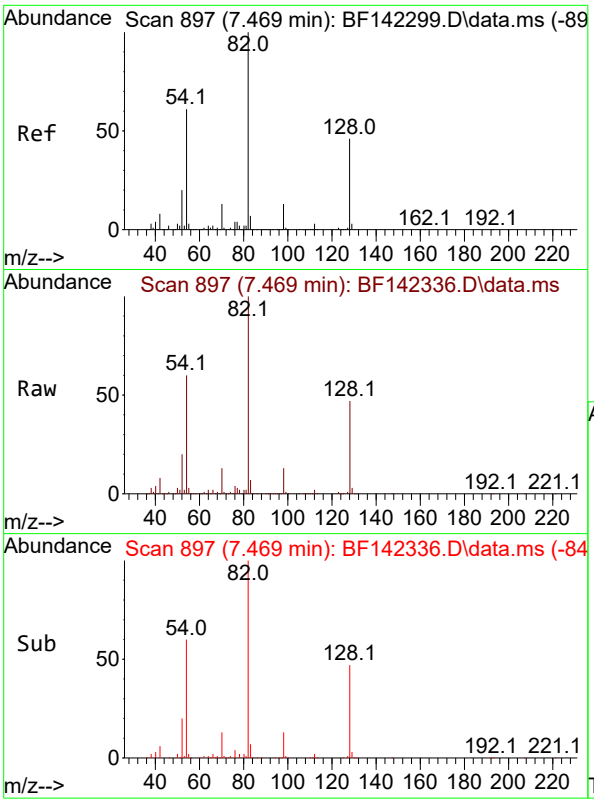


#22
Acetophenone
Concen: 44.866 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:105 Resp: 781512

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.7	10.1
51	35.0	27.6	41.4
120	23.9	19.1	28.7



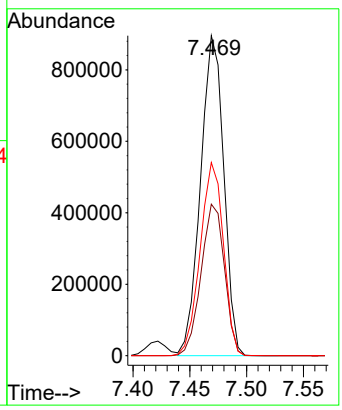


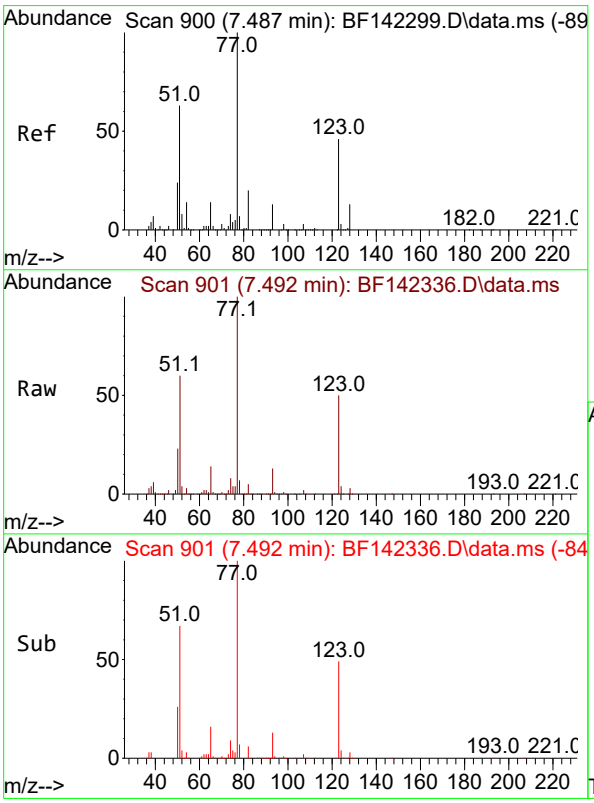
#23
Nitrobenzene-d5
Concen: 99.244 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1274851

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	60.3	48.6	73.0

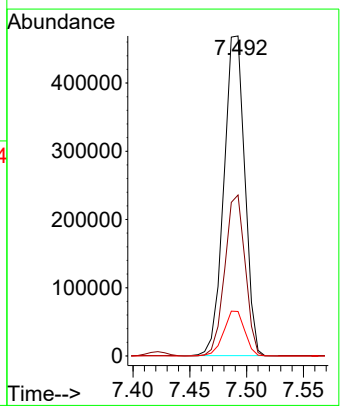


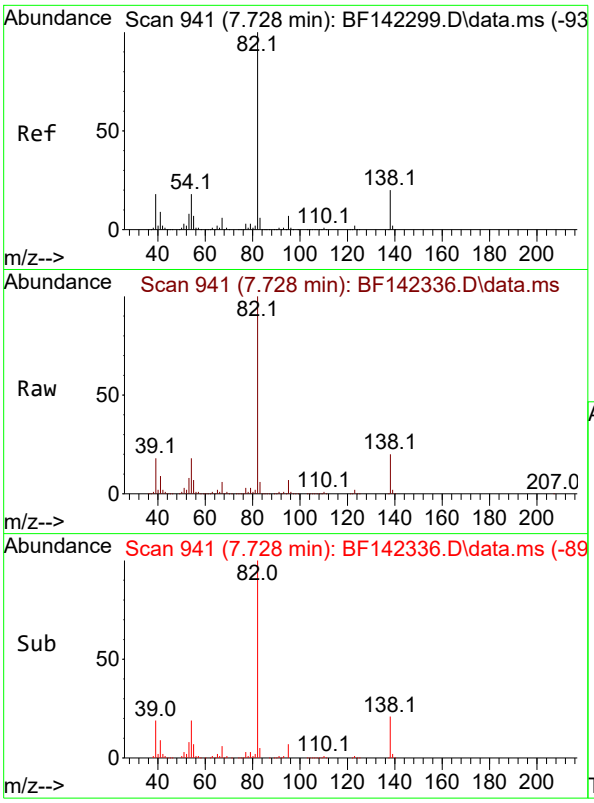


#24
Nitrobenzene
Concen: 49.663 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 77 Resp: 601351

Ion	Ratio	Lower	Upper
77	100		
123	50.3	37.8	56.8
65	13.9	11.4	17.0



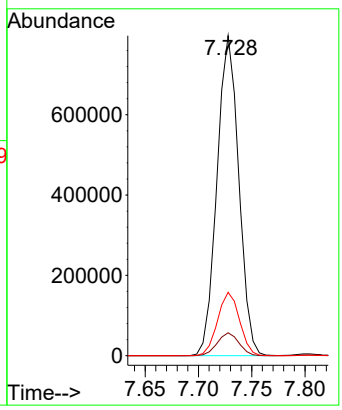


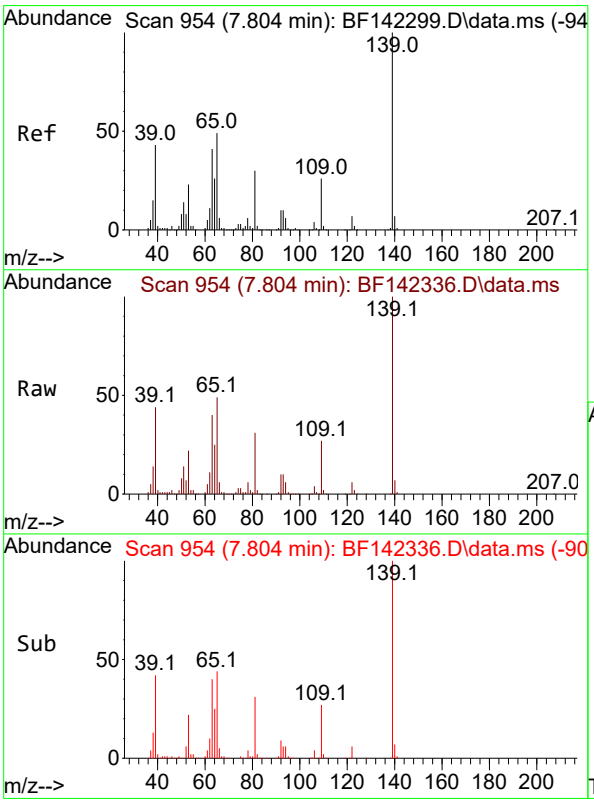
#25
Isophorone
Concen: 46.497 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1131035

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	19.8	16.1	24.1

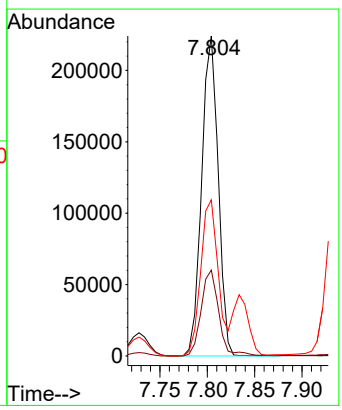


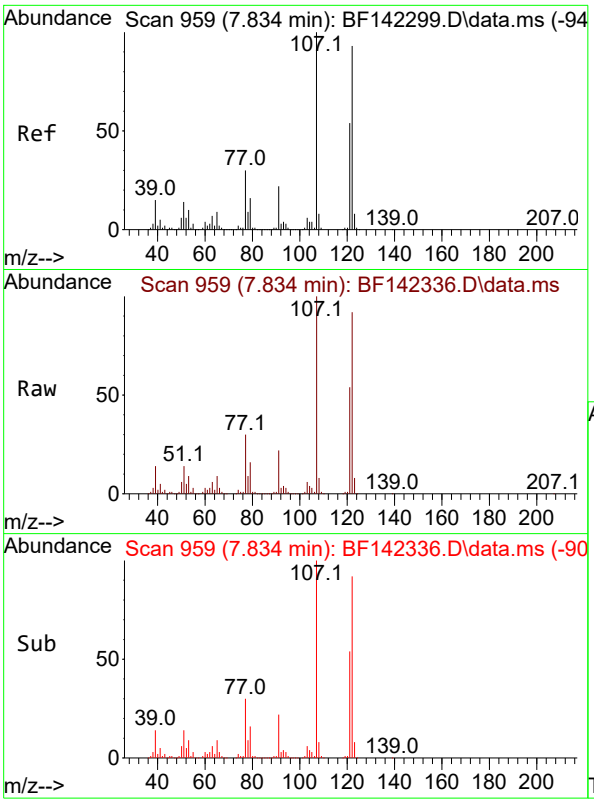


#26
2-Nitrophenol
Concen: 46.775 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:139 Resp: 272331

Ion	Ratio	Lower	Upper
139	100		
109	26.8	20.8	31.2
65	48.8	38.9	58.3



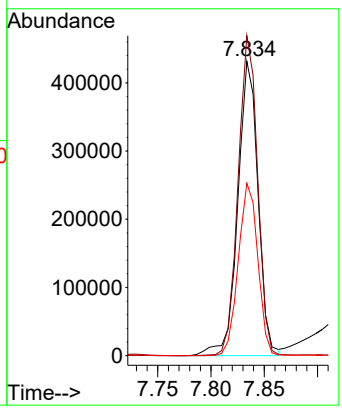


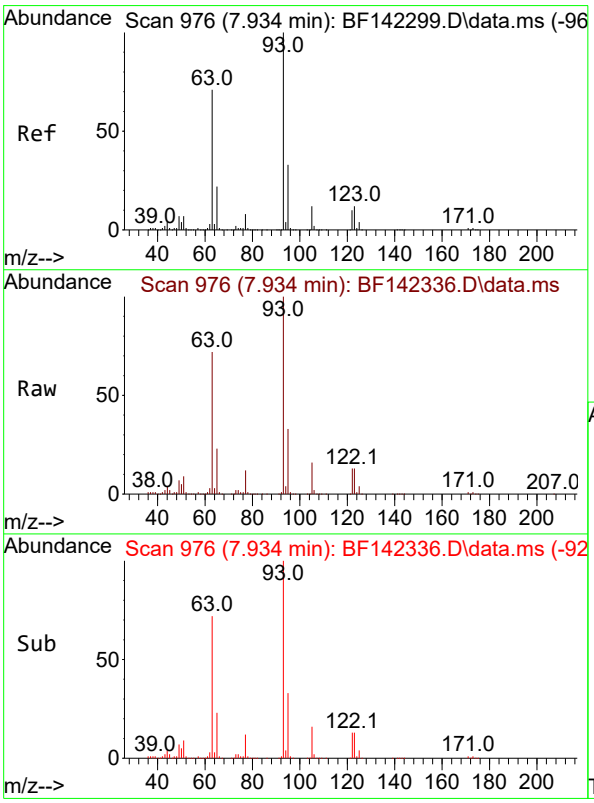
#27
2,4-Dimethylphenol
Concen: 46.791 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 572246

Ion	Ratio	Lower	Upper
122	100		
107	108.7	86.0	129.0
121	58.6	46.2	69.4

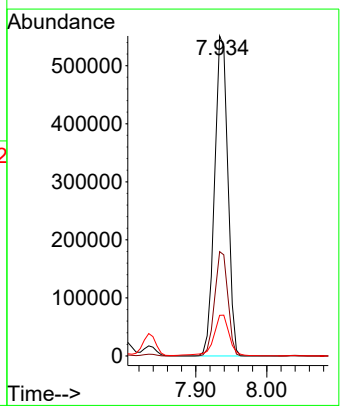


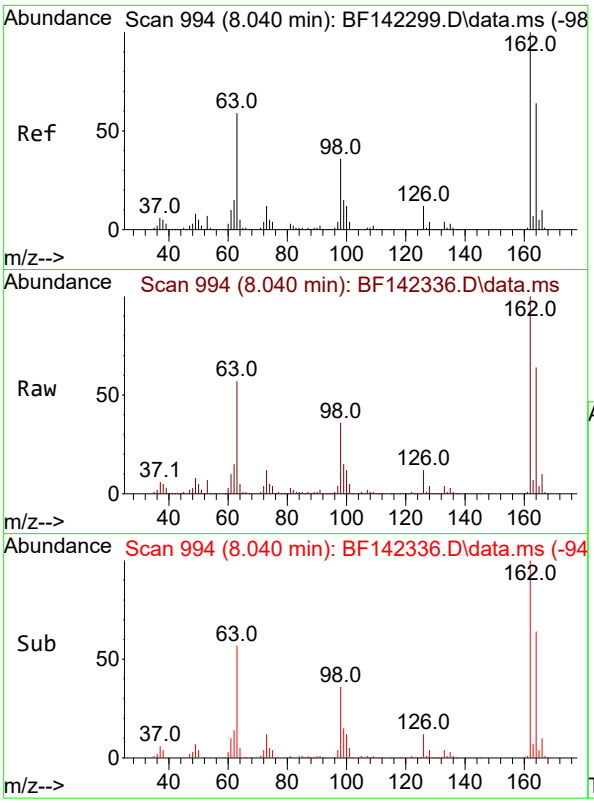


#28
bis(2-Chloroethoxy)methane
Concen: 45.508 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 93 Resp: 711812

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.7	10.2	15.4



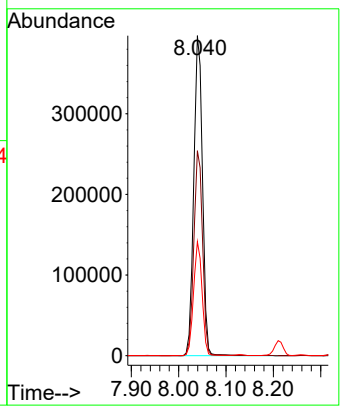


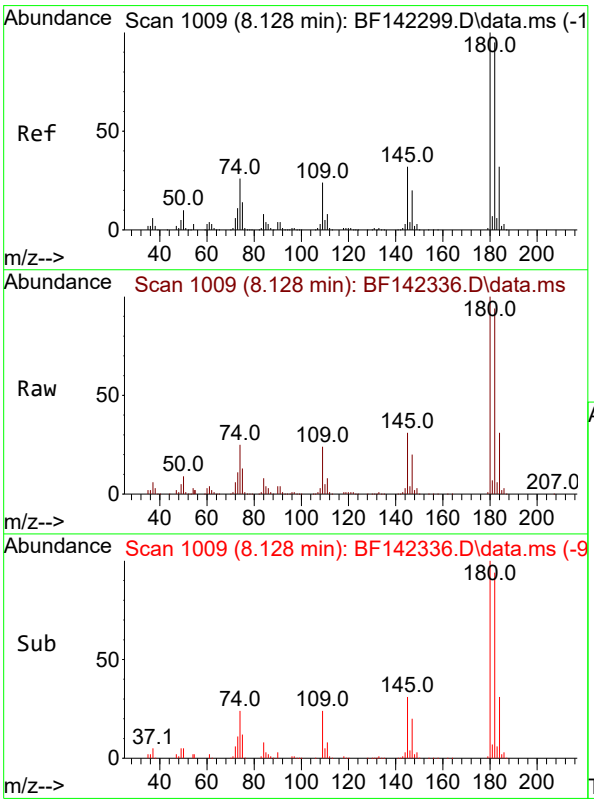
#29
2,4-Dichlorophenol
Concen: 48.778 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 507181

Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	35.6	16.5	56.5

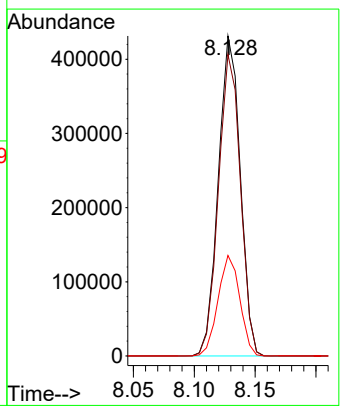


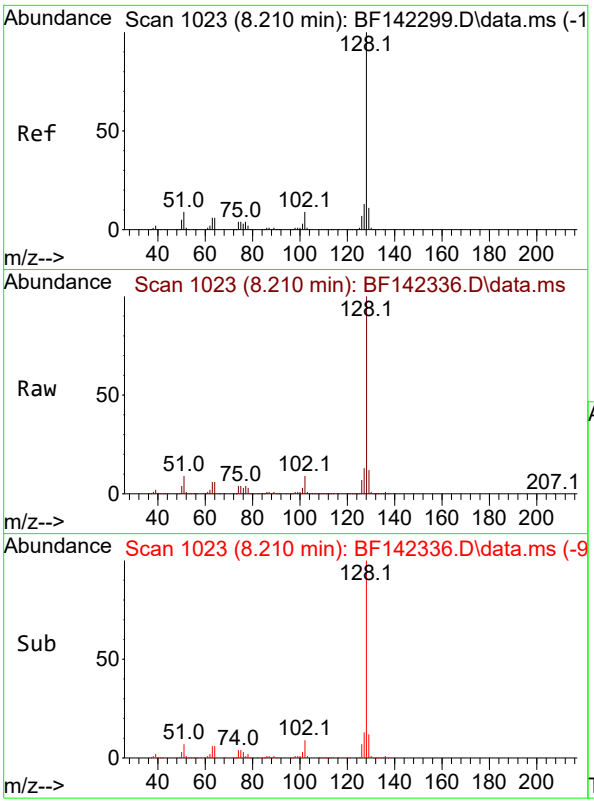


#30
1,2,4-Trichlorobenzene
Concen: 46.225 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:180 Resp: 540912

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.4
145	31.4	25.8	38.6



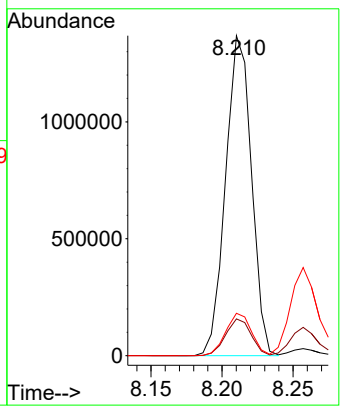


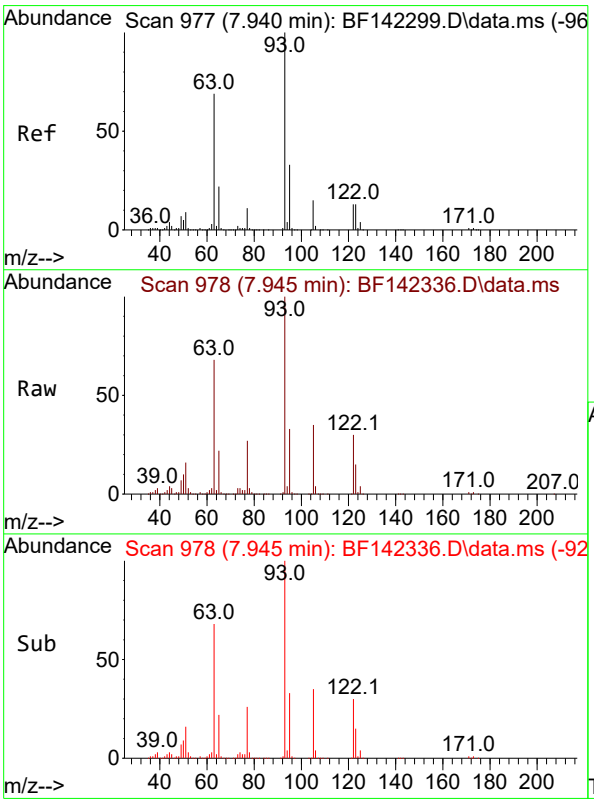
#31
Naphthalene
Concen: 45.670 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1734051

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.3	10.5	15.7

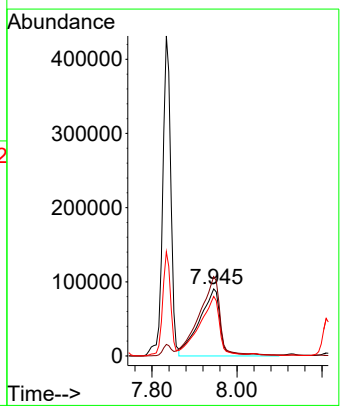


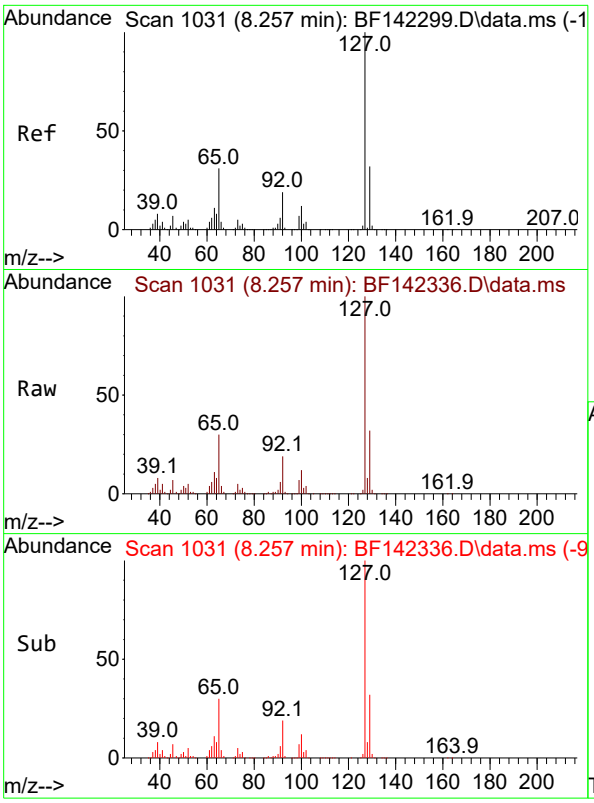


#32
Benzoic acid
Concen: 48.069 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:122 Resp: 315432

Ion	Ratio	Lower	Upper
122	100		
105	118.4	97.9	137.9
77	88.7	67.7	107.7



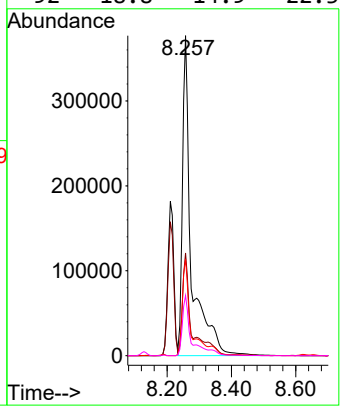


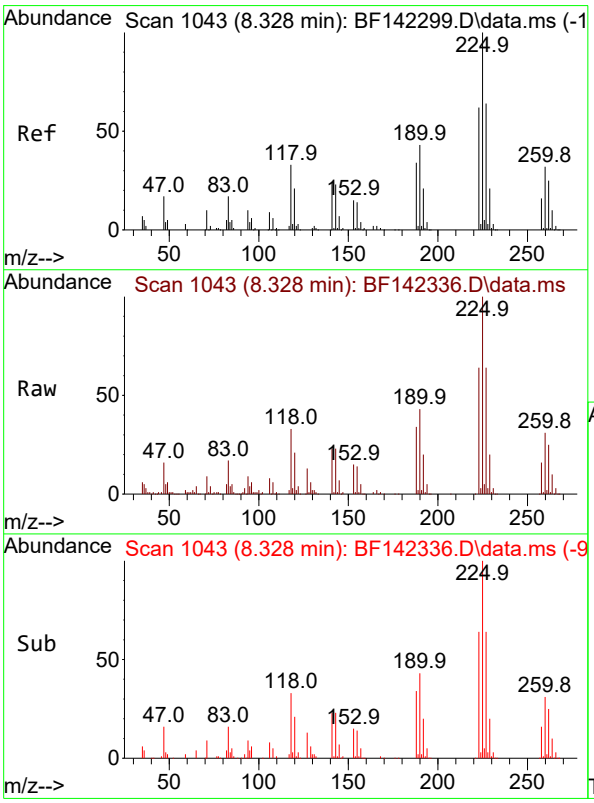
#33
4-Chloroaniline
Concen: 47.782 ng
RT: 8.257 min Scan# 1
Delta R.T. -0.010 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 740296

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.3	24.9	37.3
92	18.8	14.9	22.3

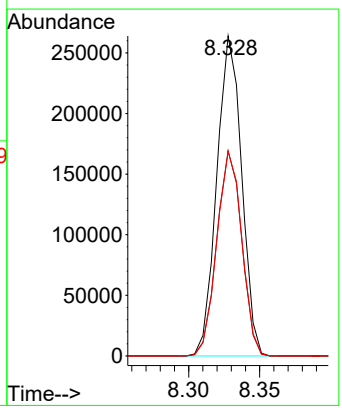


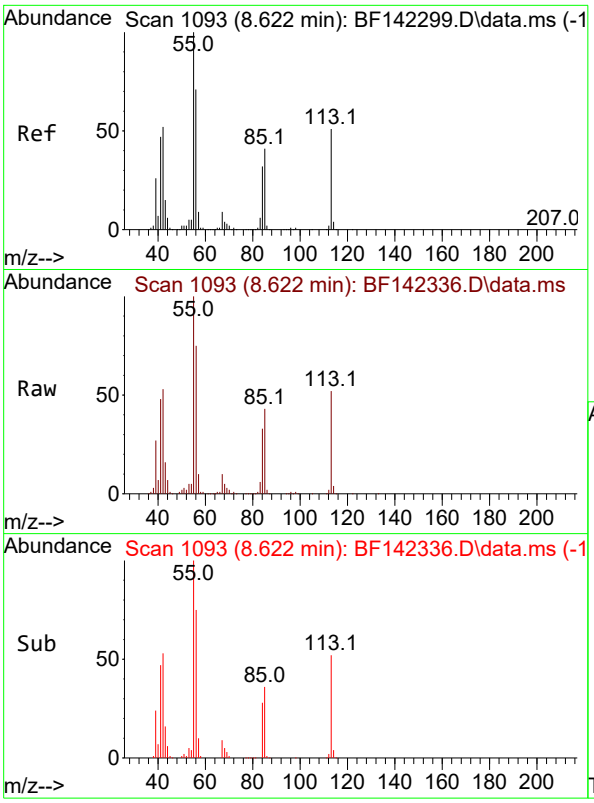


#34
Hexachlorobutadiene
Concen: 46.354 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:225 Resp: 321190

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.6
227	63.9	50.9	76.3



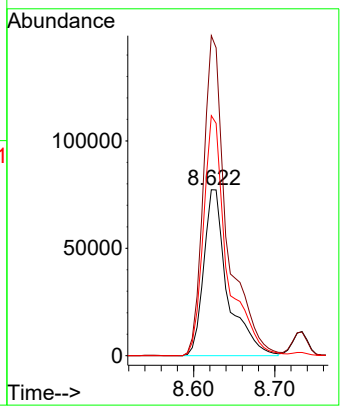


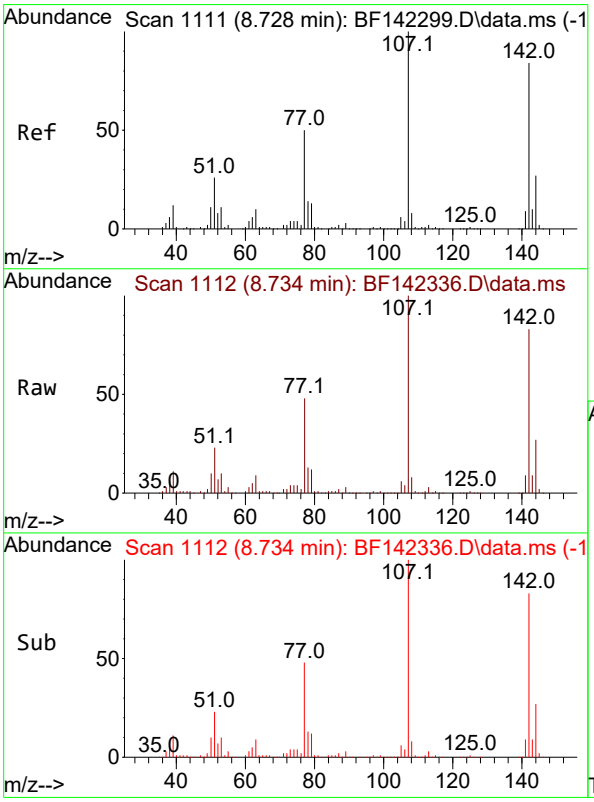
#35
Caprolactam
Concen: 52.181 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 158124

Ion	Ratio	Lower	Upper
113	100		
55	192.8	176.4	216.4
56	144.6	120.3	160.3

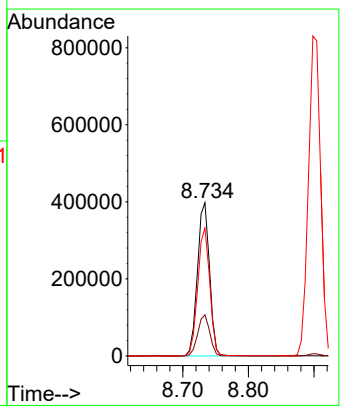


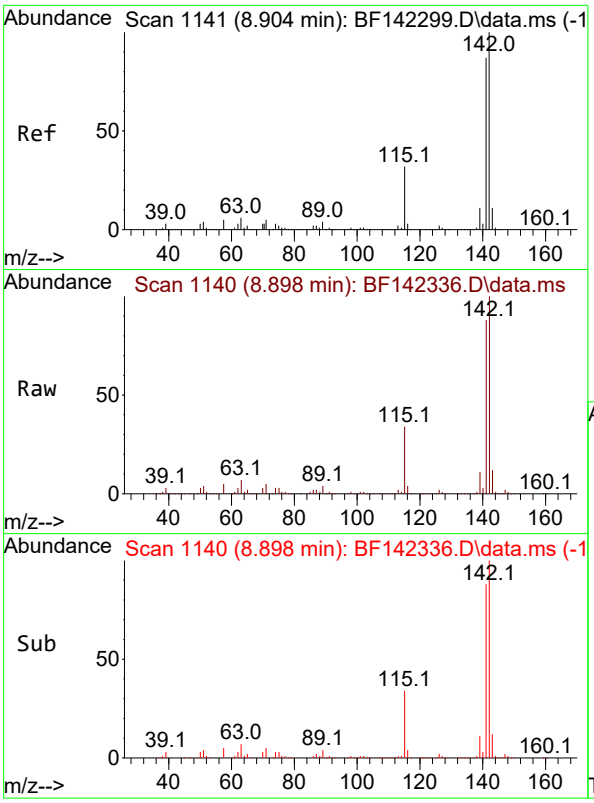


#36
4-Chloro-3-methylphenol
Concen: 47.531 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:107 Resp: 513736

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.3	31.9
142	83.3	66.9	100.3



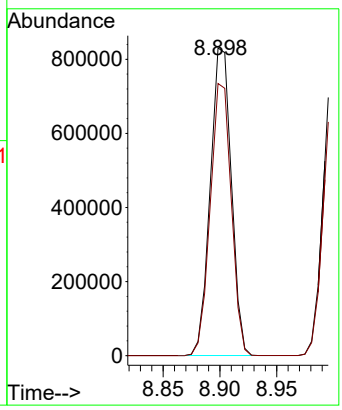


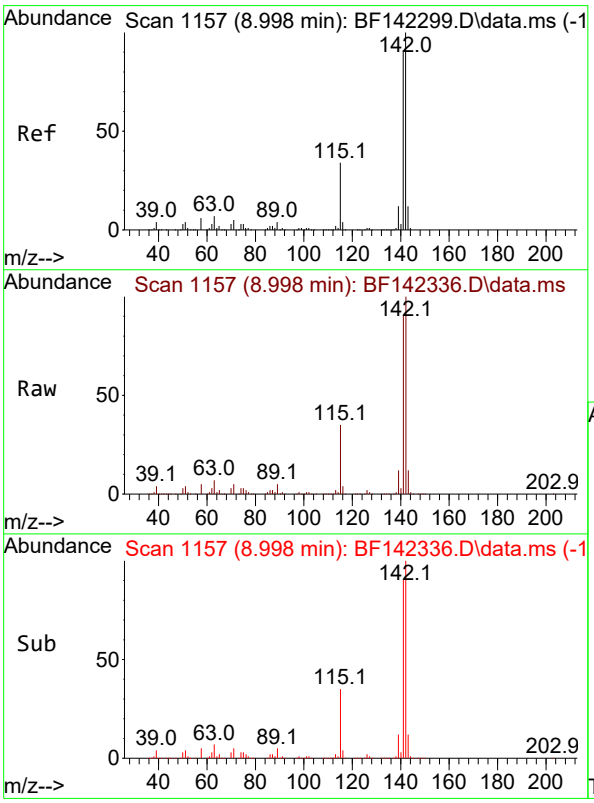
#37
2-Methylnaphthalene
Concen: 45.437 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1072003

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.4	104.2

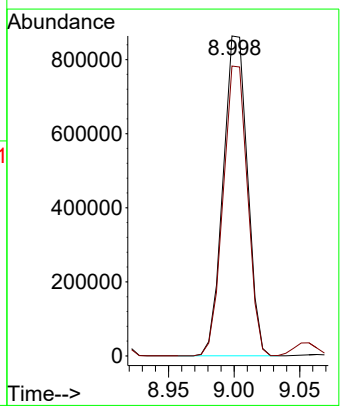


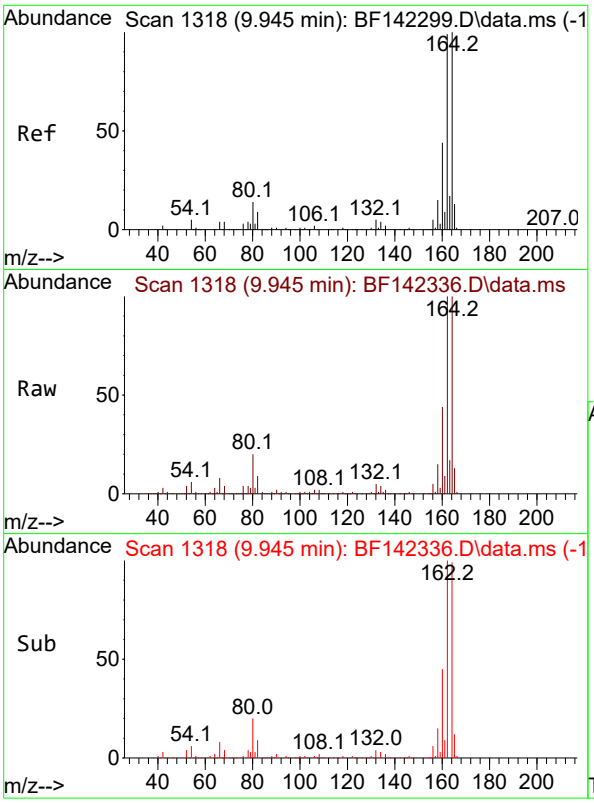


#38
1-Methylnaphthalene
Concen: 45.385 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:142 Resp: 1116031

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7



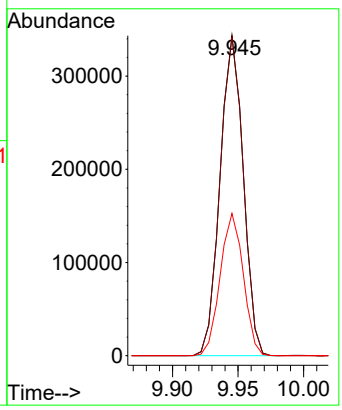


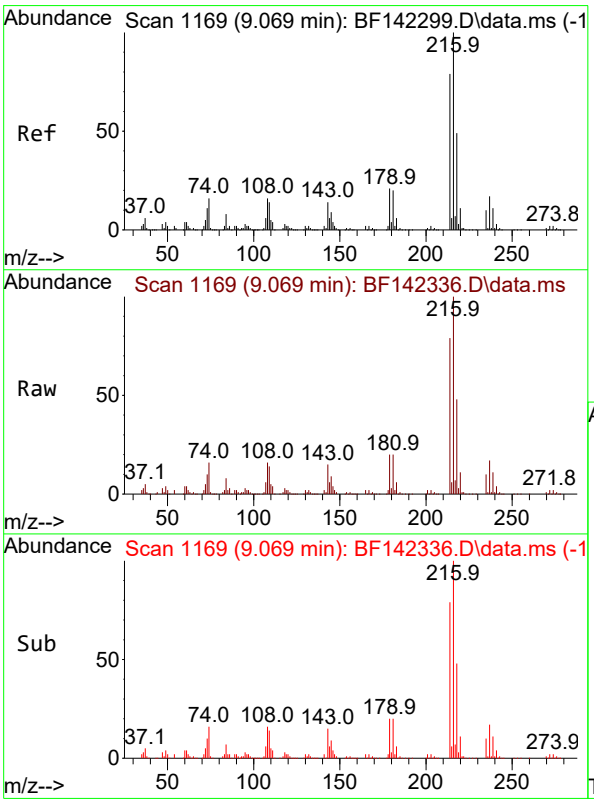
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 422251

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.2	118.8
160	44.4	35.3	52.9

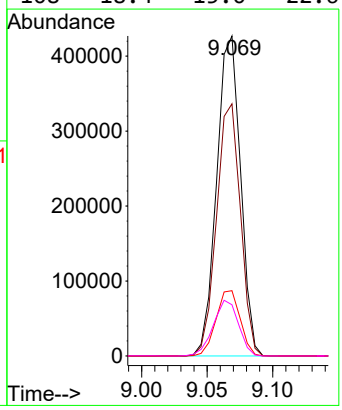


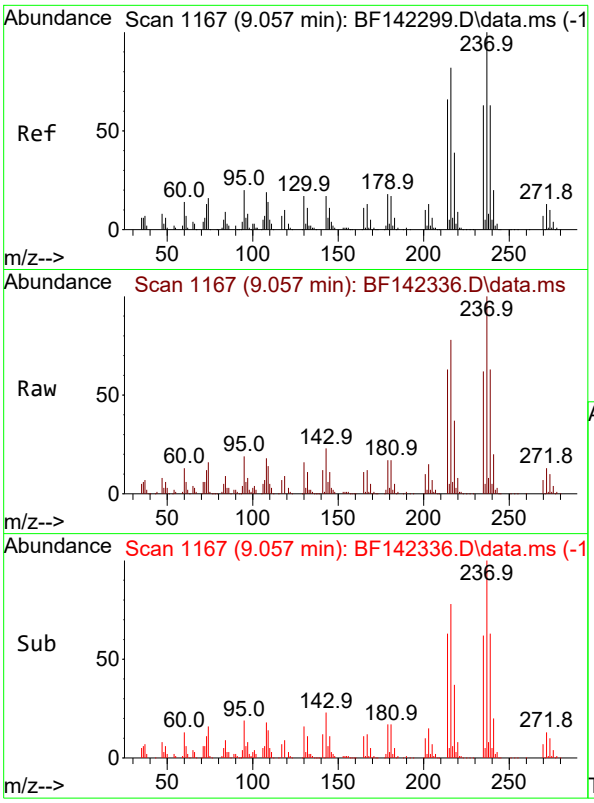


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.772 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:216 Resp: 539798

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	20.7	17.0	25.6
108	18.4	15.0	22.6



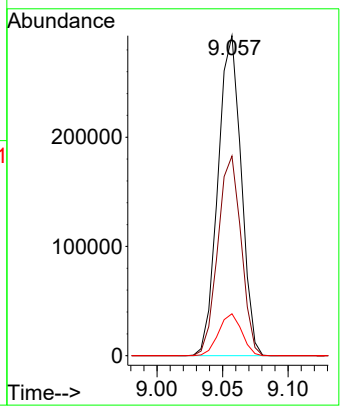


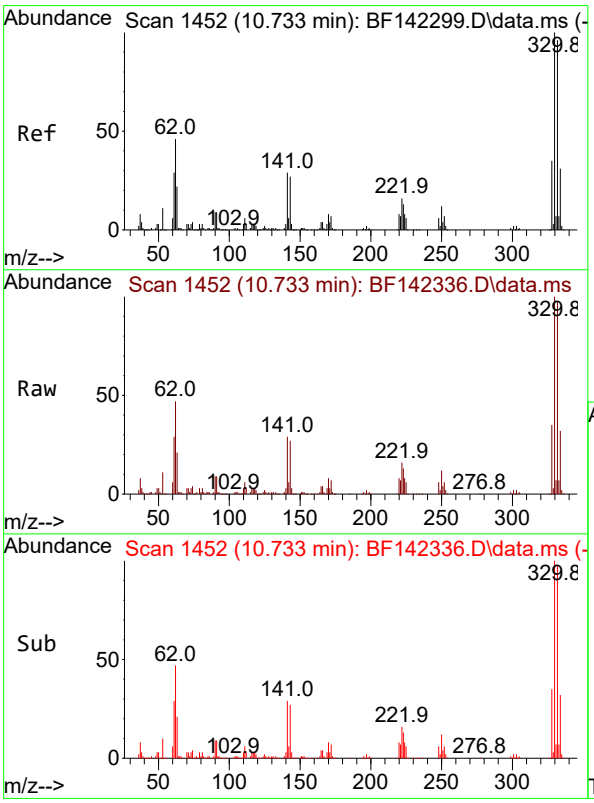
#41
Hexachlorocyclopentadiene
Concen: 49.446 ng
RT: 9.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 360385

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	13.1	0.0	33.0

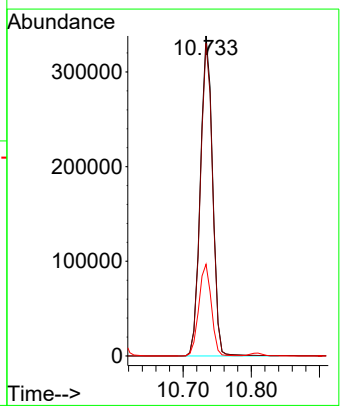


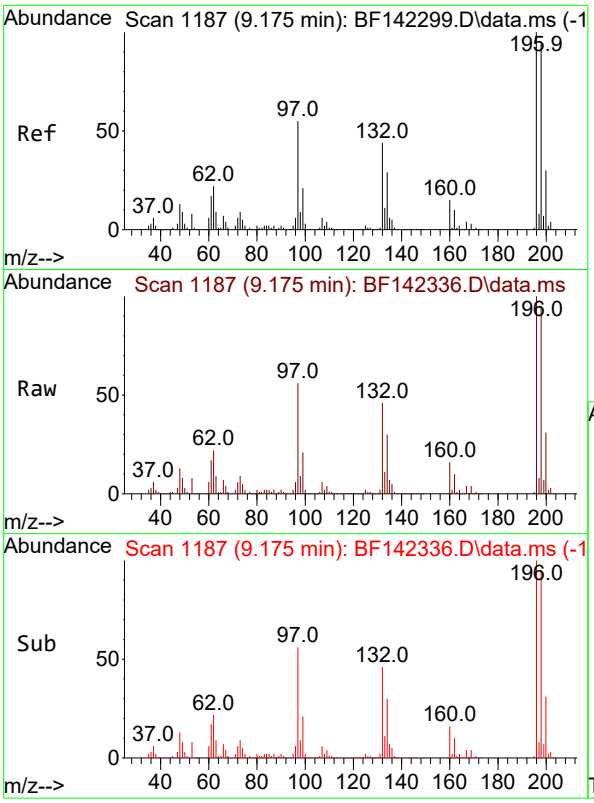


#42
2,4,6-Tribromophenol
Concen: 103.360 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:330 Resp: 421374

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	29.2	24.9	37.3



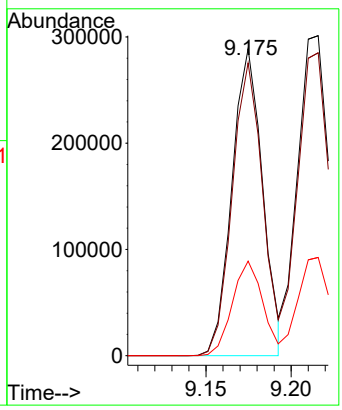


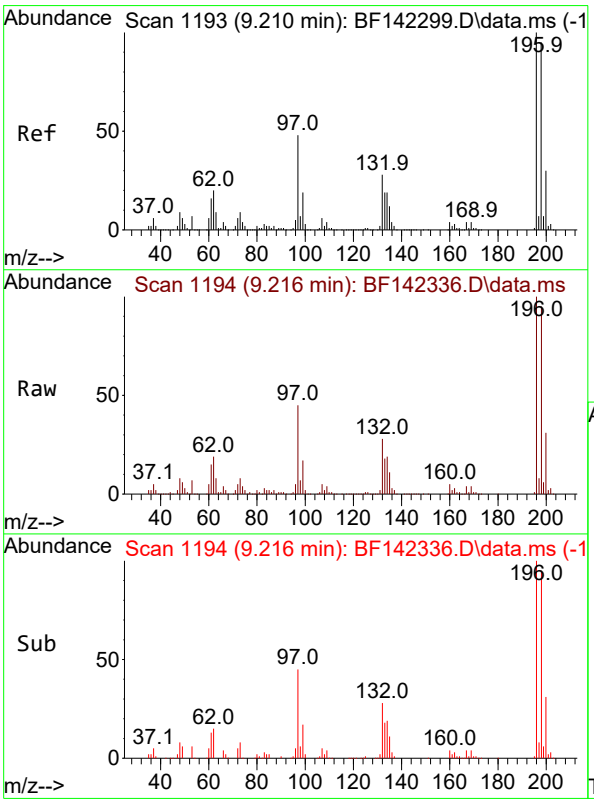
#43
2,4,6-Trichlorophenol
Concen: 48.561 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 361231

Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.4	113.0
200	30.8	24.3	36.5

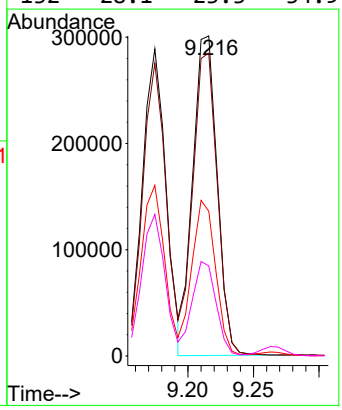


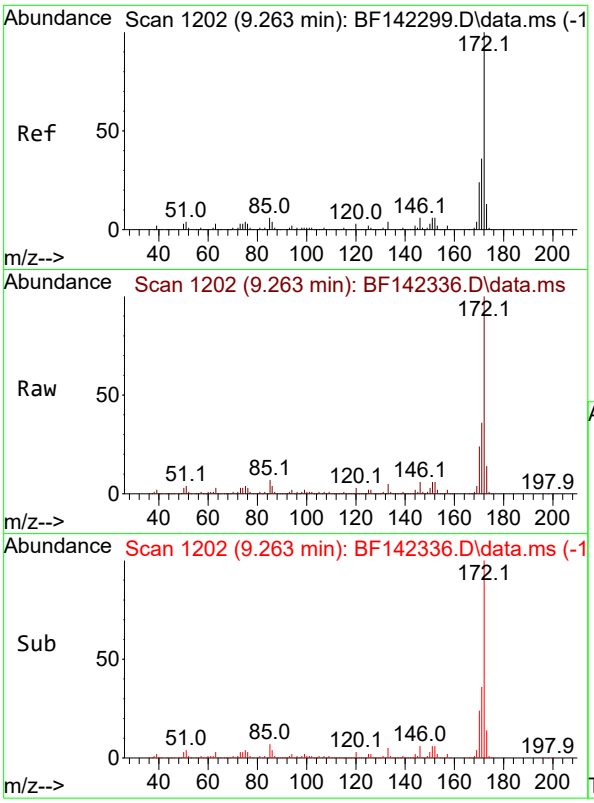


#44
2,4,5-Trichlorophenol
Concen: 49.355 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:196 Resp: 390633

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.1	114.1
97	45.3	39.0	58.4
132	28.1	23.3	34.9



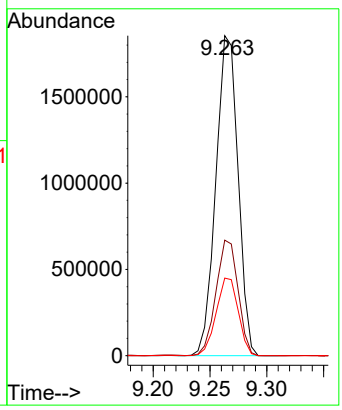


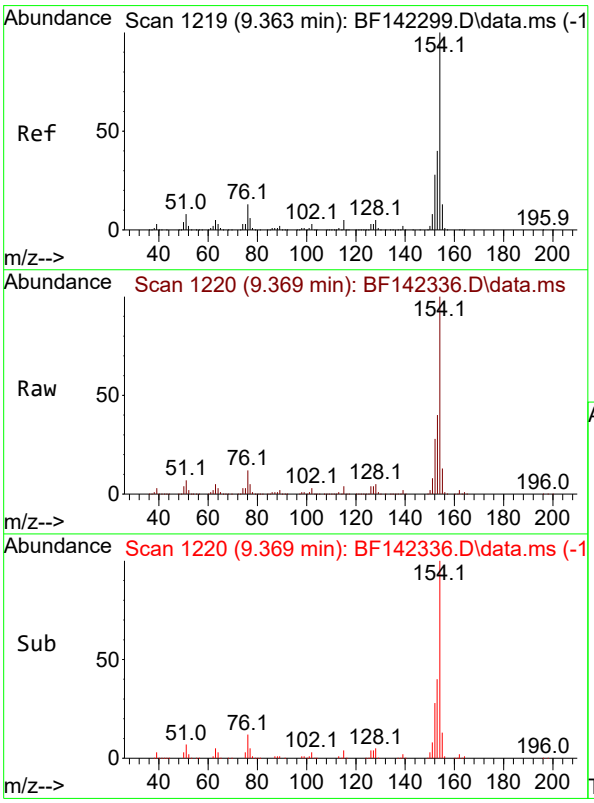
#45
2-Fluorobiphenyl
Concen: 85.160 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2521890

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.2	19.0	28.4

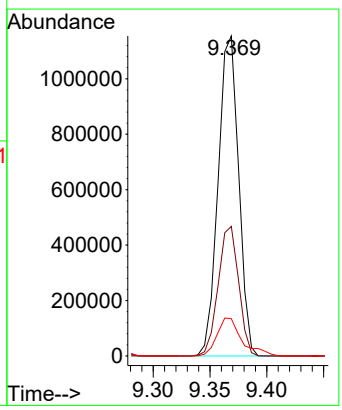


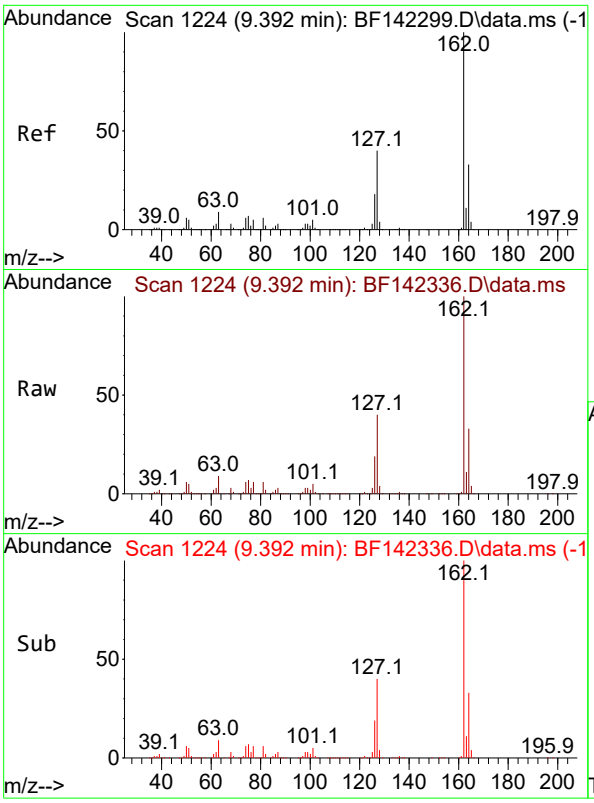


#46
1,1'-Biphenyl
Concen: 44.761 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:154 Resp: 1449158

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	11.7	0.0	32.8



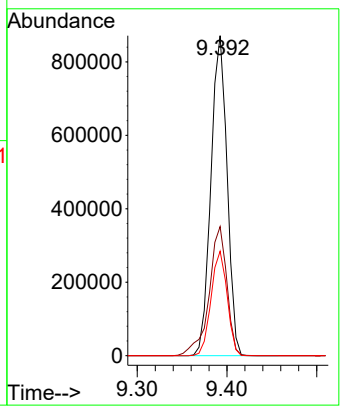


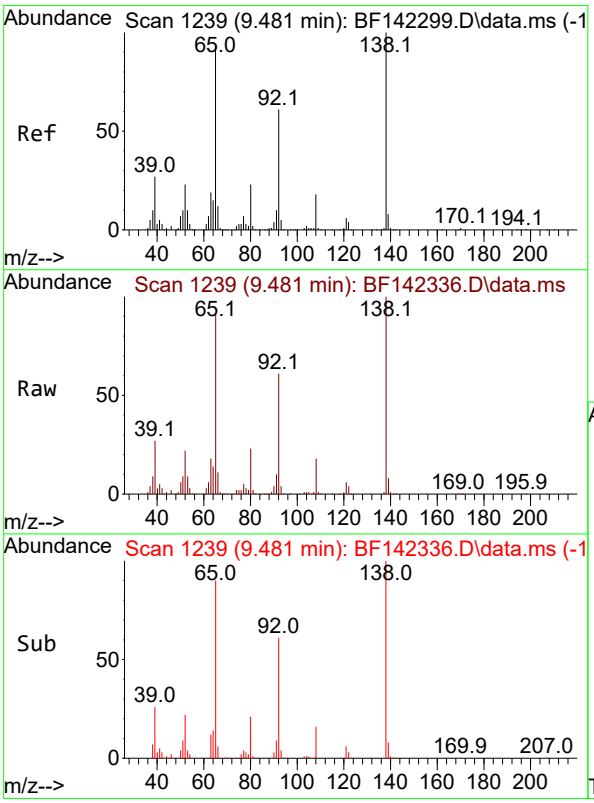
#47
2-Chloronaphthalene
Concen: 45.218 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1088716

Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	32.6	26.6	40.0

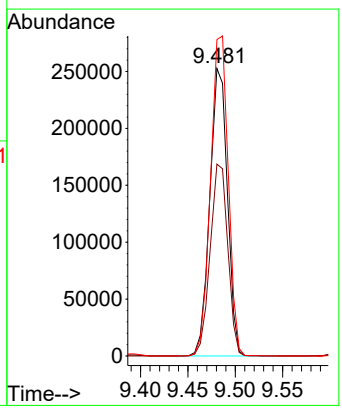


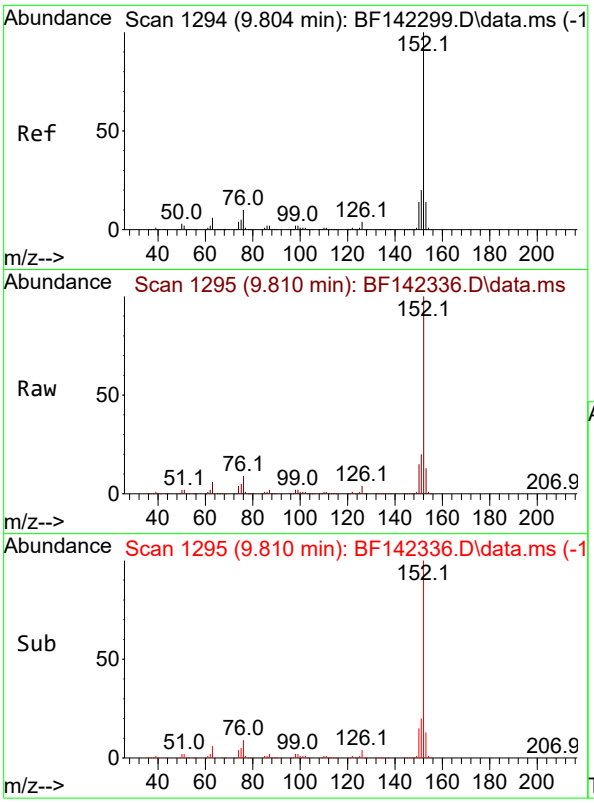


#48
2-Nitroaniline
Concen: 52.939 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 65 Resp: 326709

Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.3	78.5
138	110.0	85.6	128.4



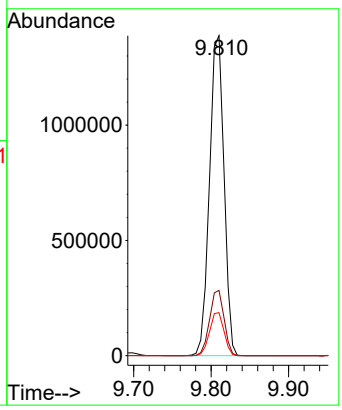


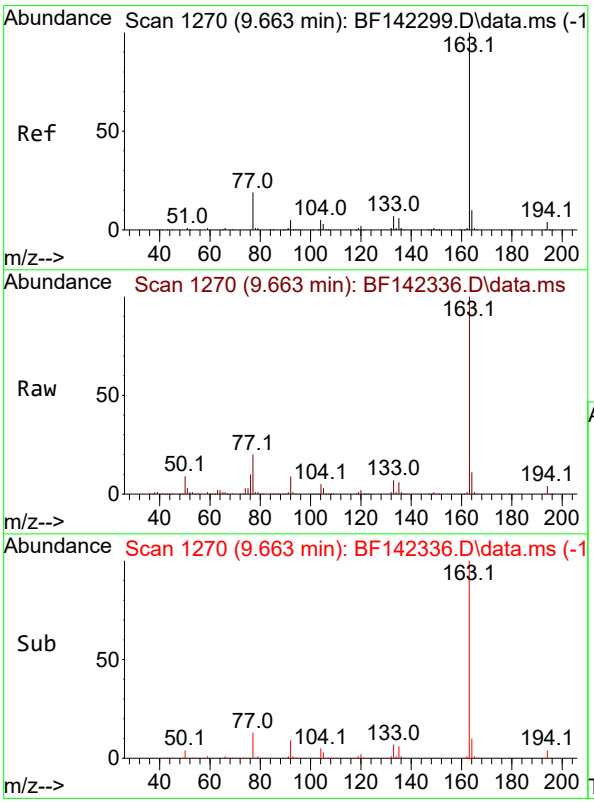
#49
Acenaphthylene
Concen: 44.961 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1810909

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.5	10.8	16.2

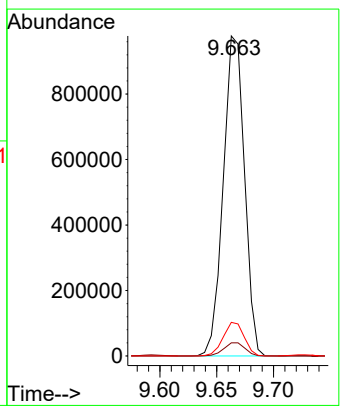


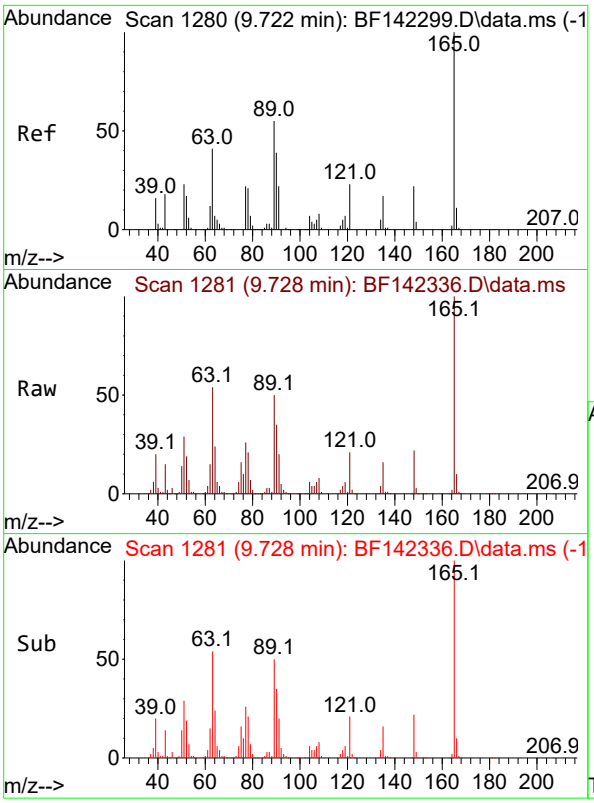


#50
Dimethylphthalate
Concen: 46.938 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:163 Resp: 1272686

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.5	8.3	12.5



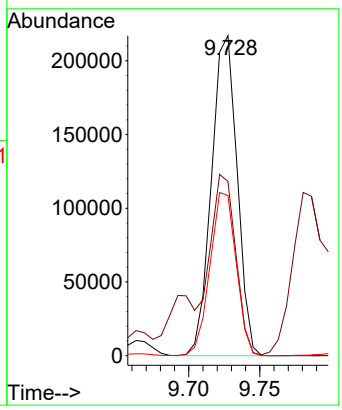


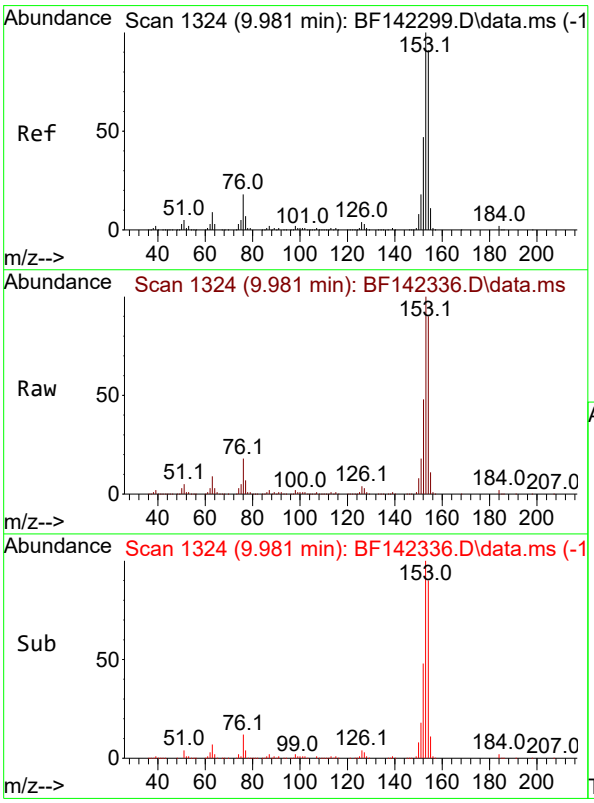
#51
2,6-Dinitrotoluene
Concen: 53.901 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 273559

Ion	Ratio	Lower	Upper
165	100		
63	54.5	49.5	74.3
89	50.1	44.6	66.8

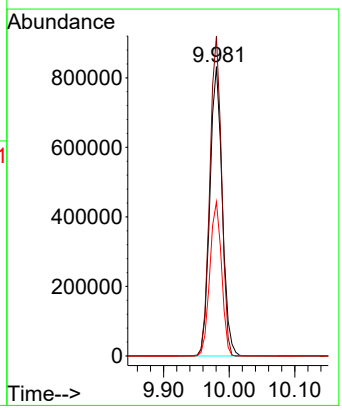


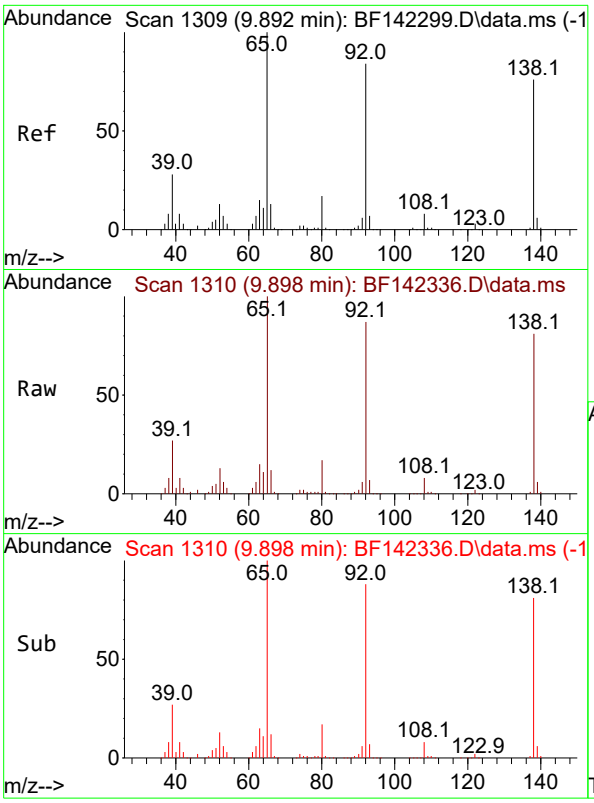


#52
Acenaphthene
Concen: 45.032 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:154 Resp: 1090605

Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.0	132.0
152	53.3	41.6	62.4



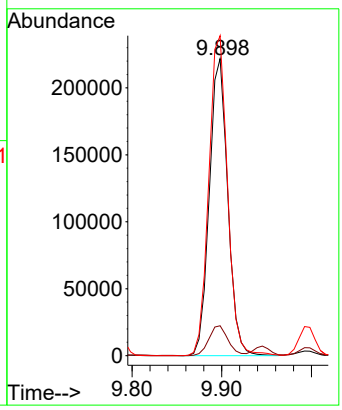


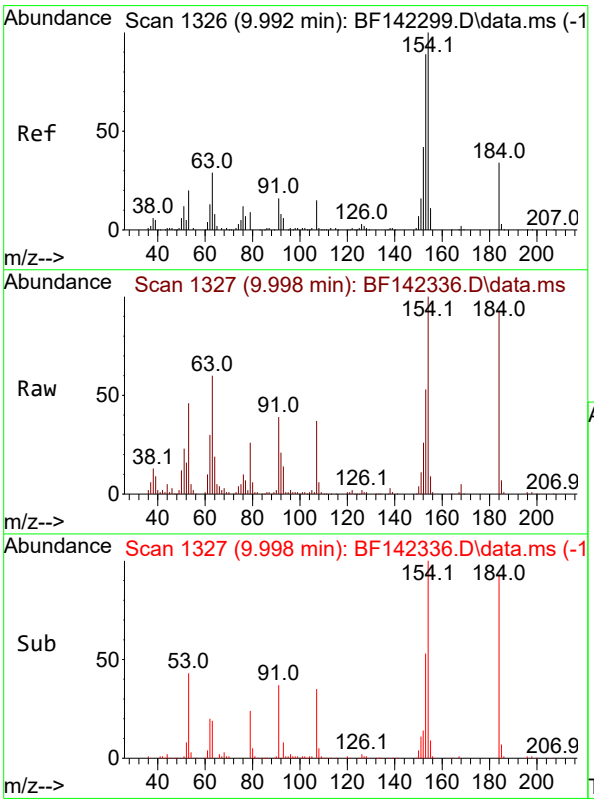
#53
3-Nitroaniline
Concen: 53.247 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 316945

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	107.7	89.5	134.3

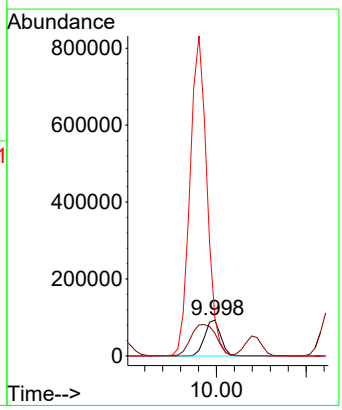


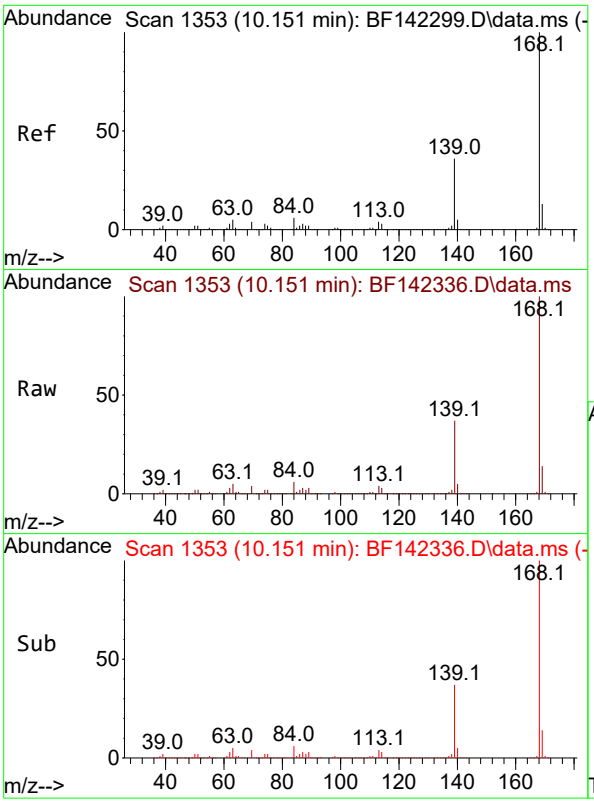


#54
2,4-Dinitrophenol
Concen: 46.934 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:184 Resp: 115320

Ion	Ratio	Lower	Upper
184	100		
63	64.1	70.6	105.8#
154	107.7	257.2	385.8#



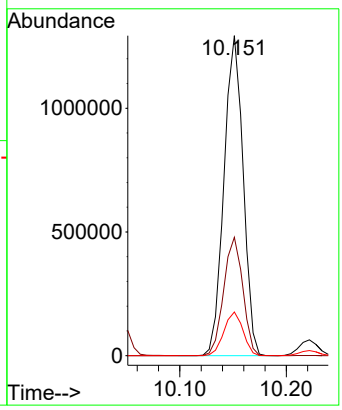


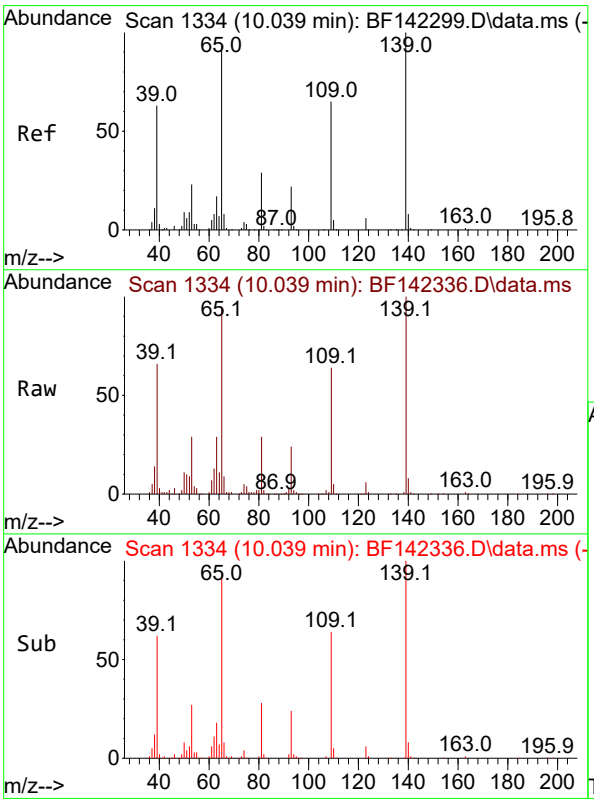
#55
Dibenzofuran
Concen: 45.062 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1610610

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.0	43.4
169	13.7	10.7	16.1

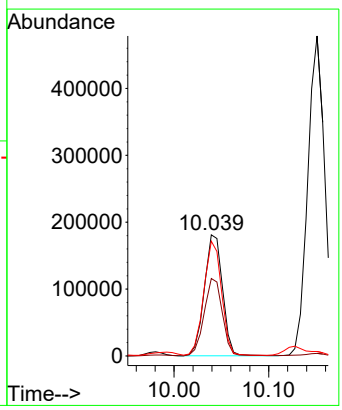


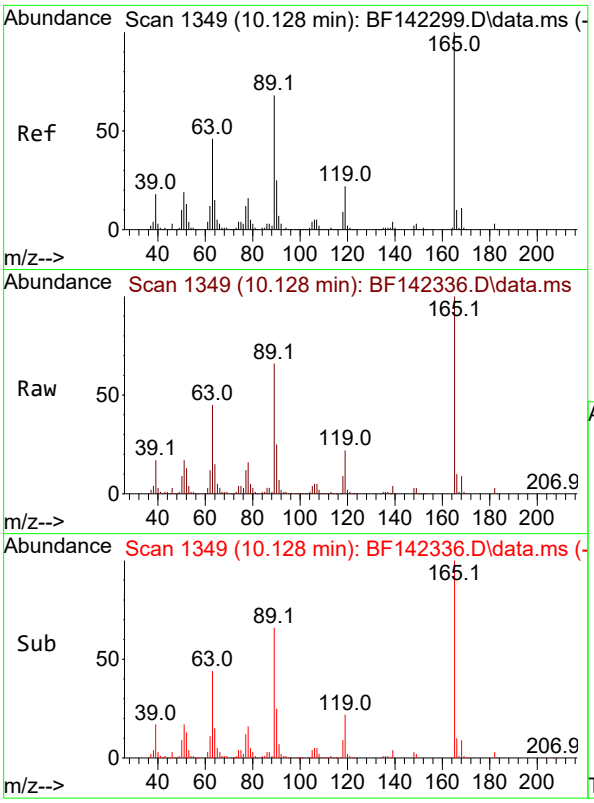


#56
4-Nitrophenol
Concen: 53.854 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:139 Resp: 241256

Ion	Ratio	Lower	Upper
139	100		
109	63.9	45.3	85.3
65	94.7	73.9	113.9



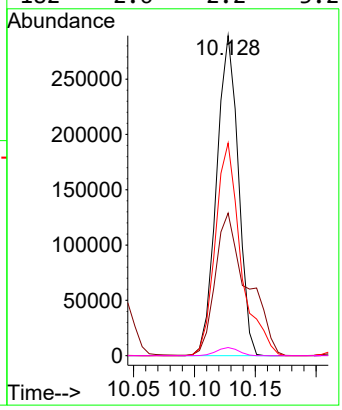


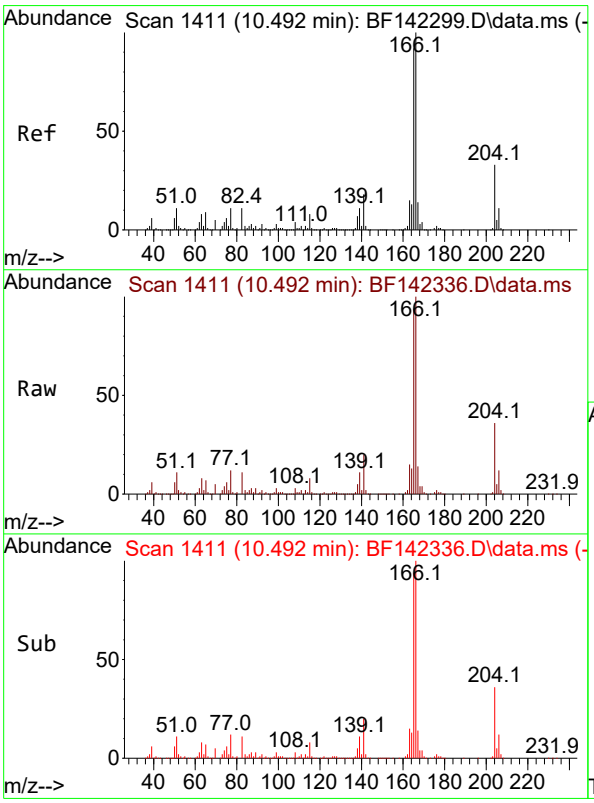
#57
2,4-Dinitrotoluene
Concen: 55.391 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 360605

Ion	Ratio	Lower	Upper
165	100		
63	44.5	37.1	55.7
89	66.4	54.4	81.6
182	2.6	2.2	3.2

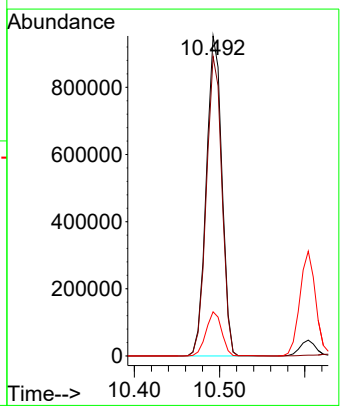


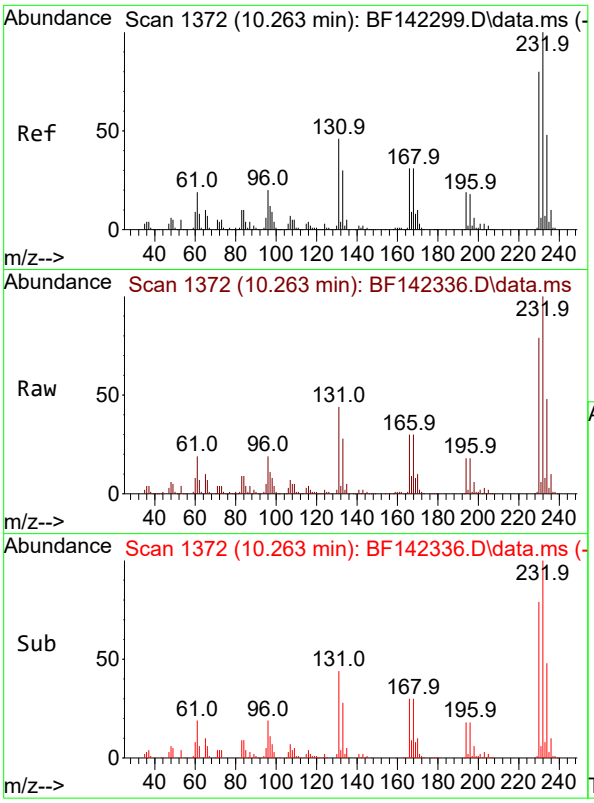


#58
Fluorene
Concen: 44.385 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:166 Resp: 1210666

Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.0	111.0
167	13.8	10.9	16.3



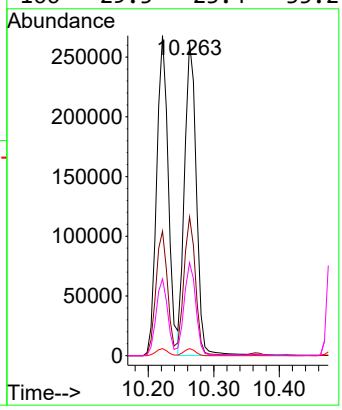


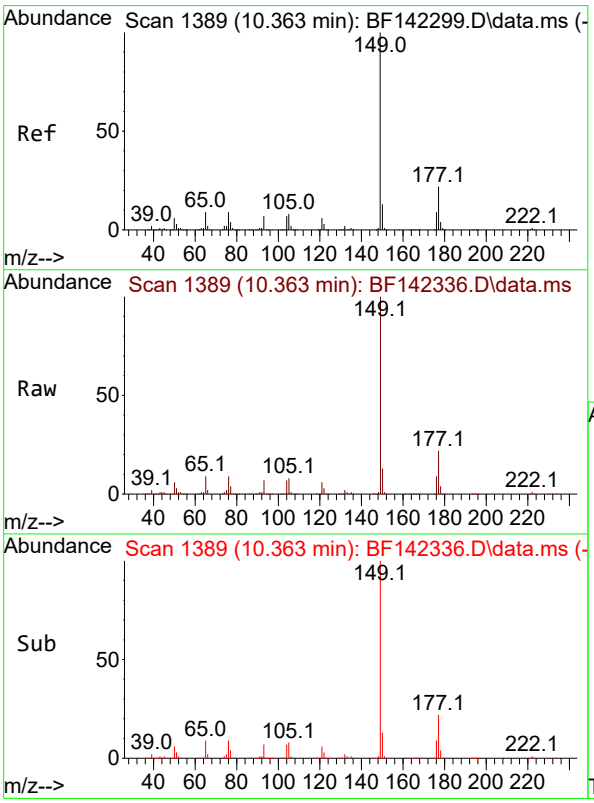
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.003 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 326712

Ion	Ratio	Lower	Upper
232	100		
131	44.3	36.0	54.0
130	2.2	1.8	2.6
166	29.5	23.4	35.2

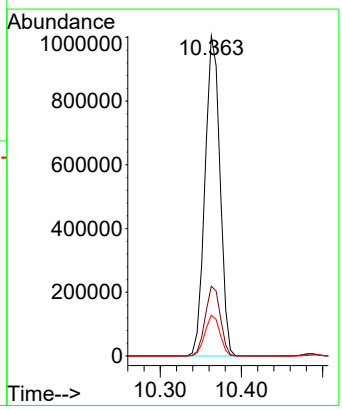


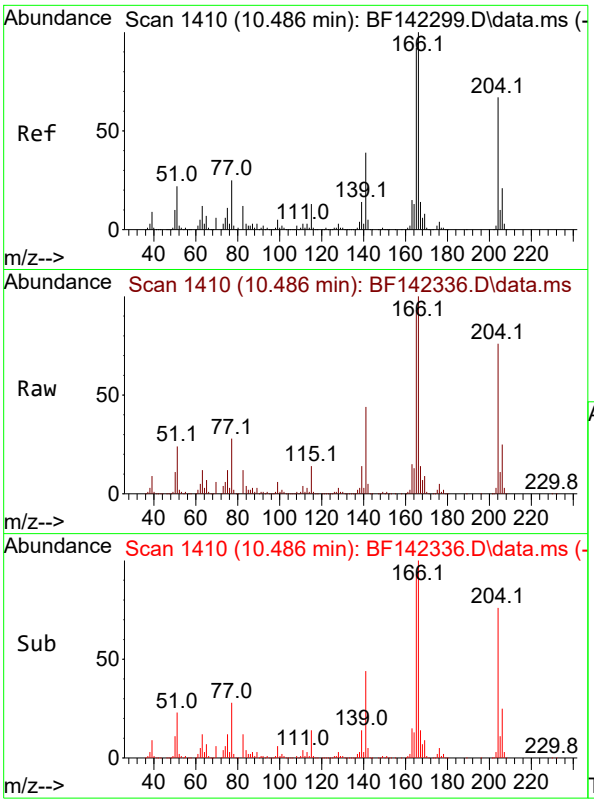


#60
Diethylphthalate
Concen: 47.371 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:149 Resp: 1282684

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	12.8	10.1	15.1



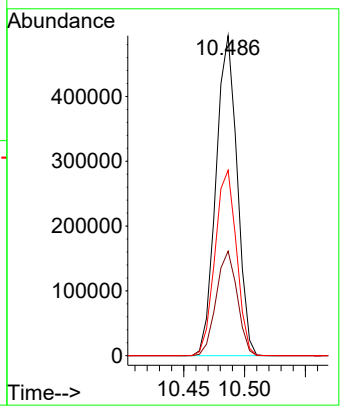


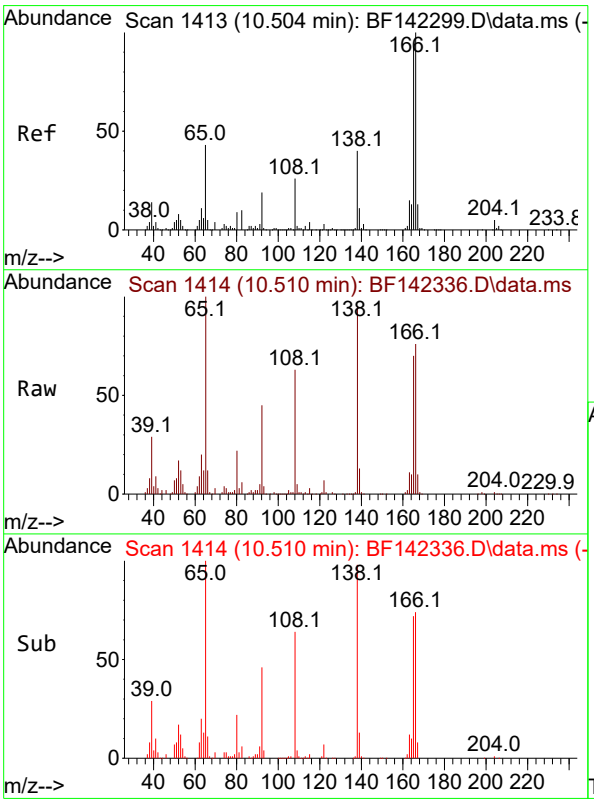
#61
4-Chlorophenyl-phenylether
Concen: 45.391 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 597338

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	58.0	46.4	69.6

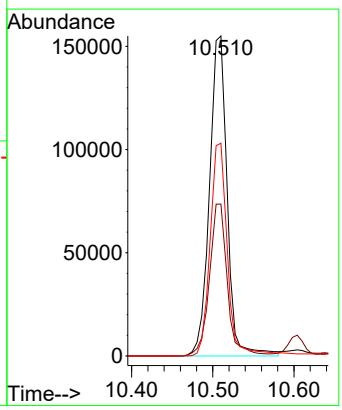


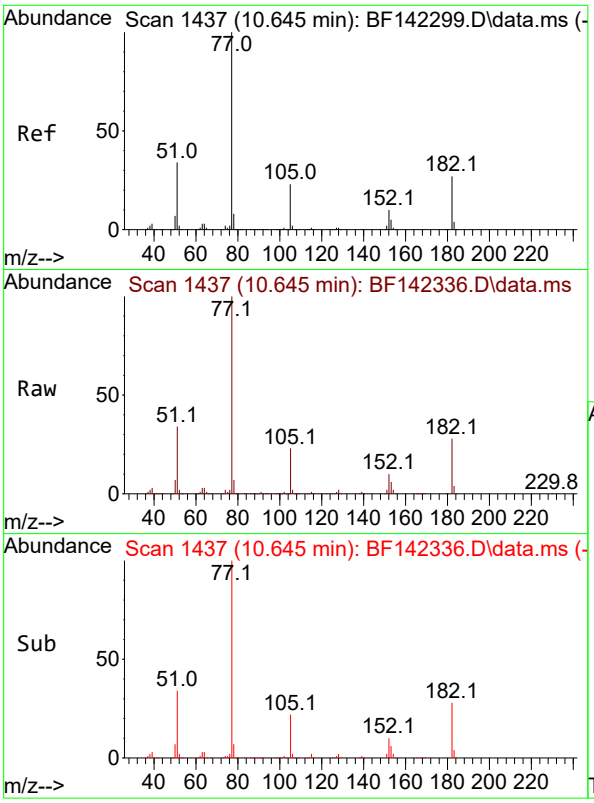


#62
4-Nitroaniline
Concen: 49.726 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:138 Resp: 234587

Ion	Ratio	Lower	Upper
138	100		
92	47.4	27.3	67.3
108	66.5	45.1	85.1



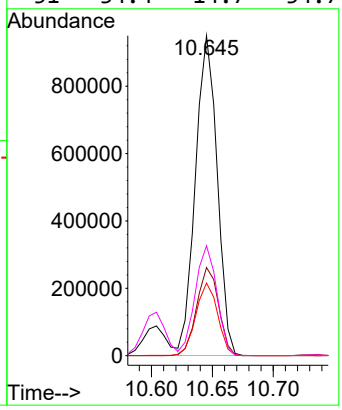


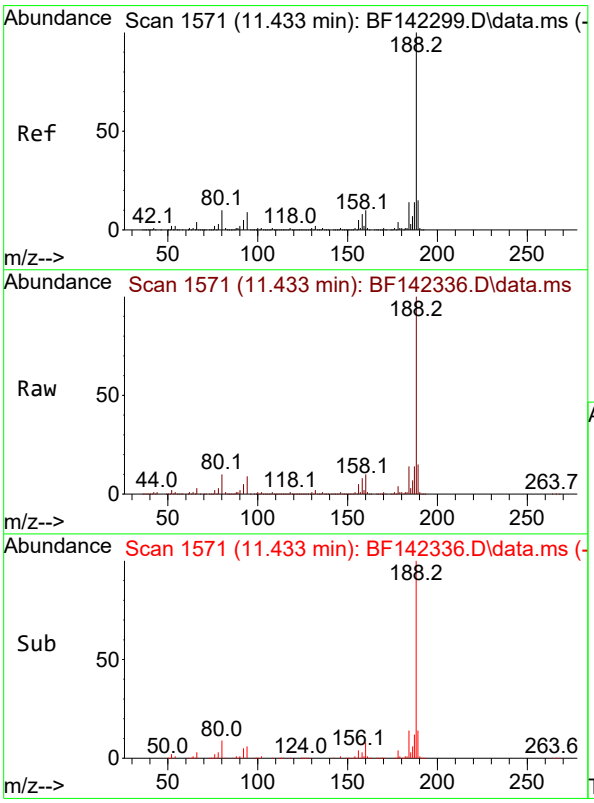
#63
Azobenzene
Concen: 45.494 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1177154

Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.9	46.9
105	22.7	2.7	42.7
51	34.4	14.7	54.7

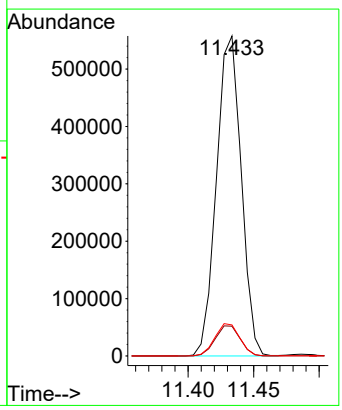


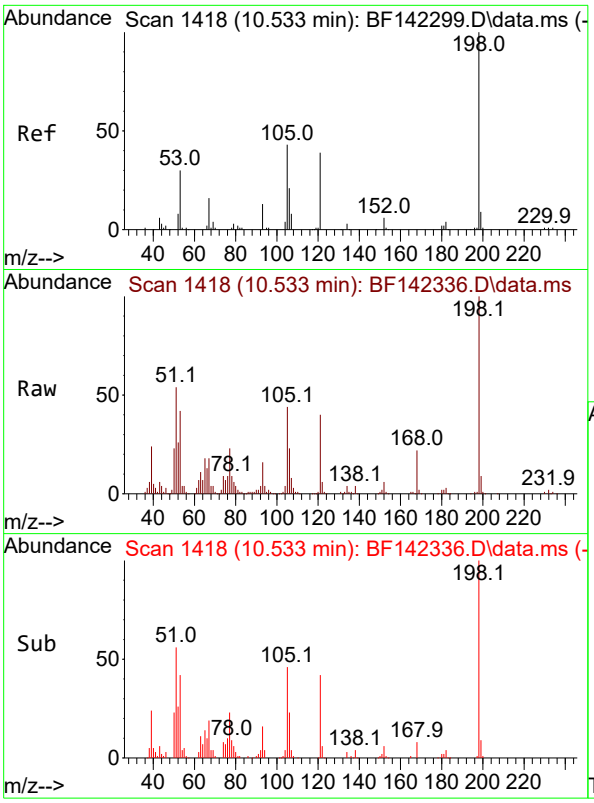


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:188 Resp: 732764

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.7	7.9	11.9



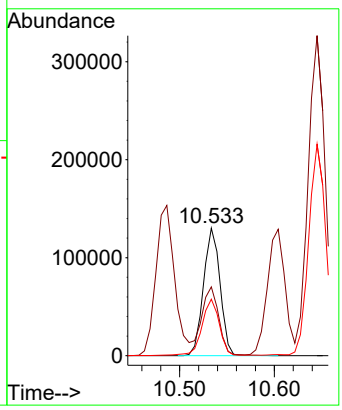


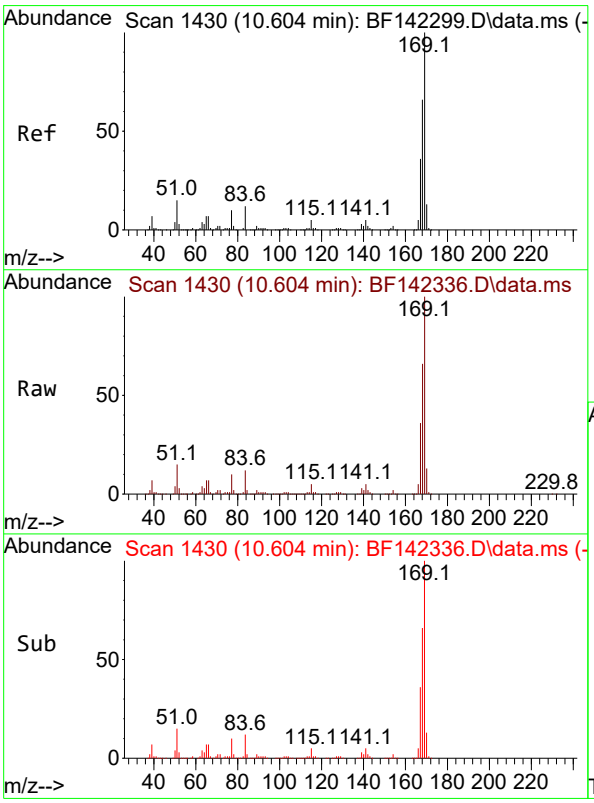
#65
4,6-Dinitro-2-methylphenol
Concen: 46.453 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 157743

Ion	Ratio	Lower	Upper
198	100		
51	54.0	32.9	72.9
105	44.4	23.7	63.7

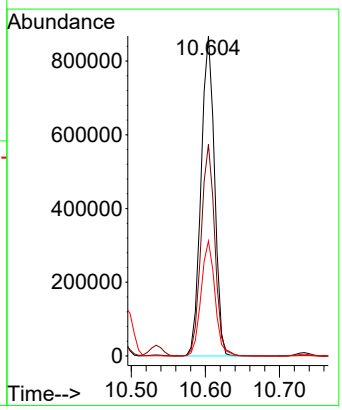


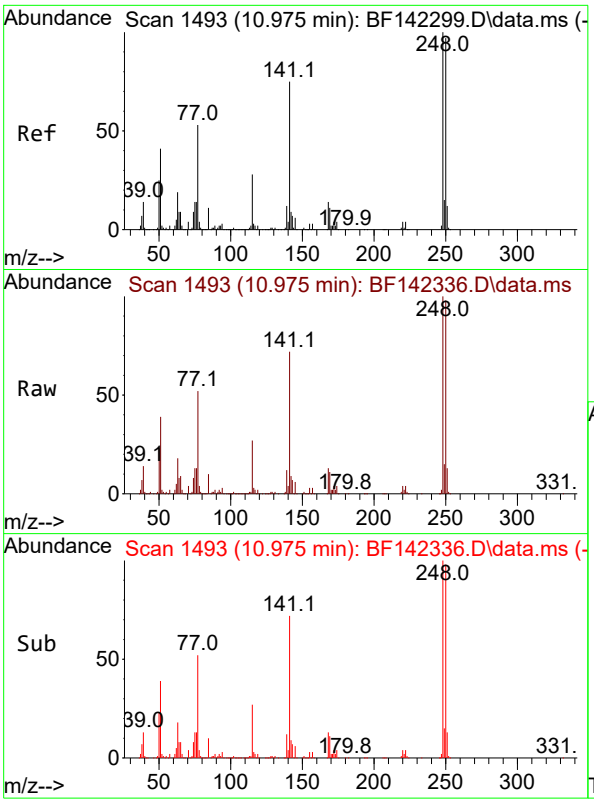


#66
n-Nitrosodiphenylamine
Concen: 44.941 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:169 Resp: 1095830

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.2	79.8
167	36.0	28.9	43.3



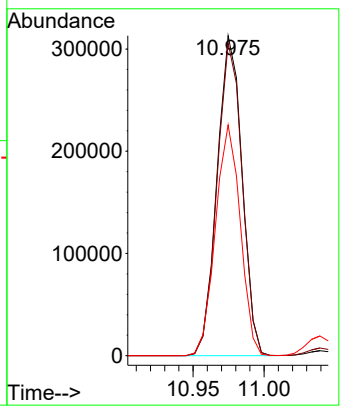


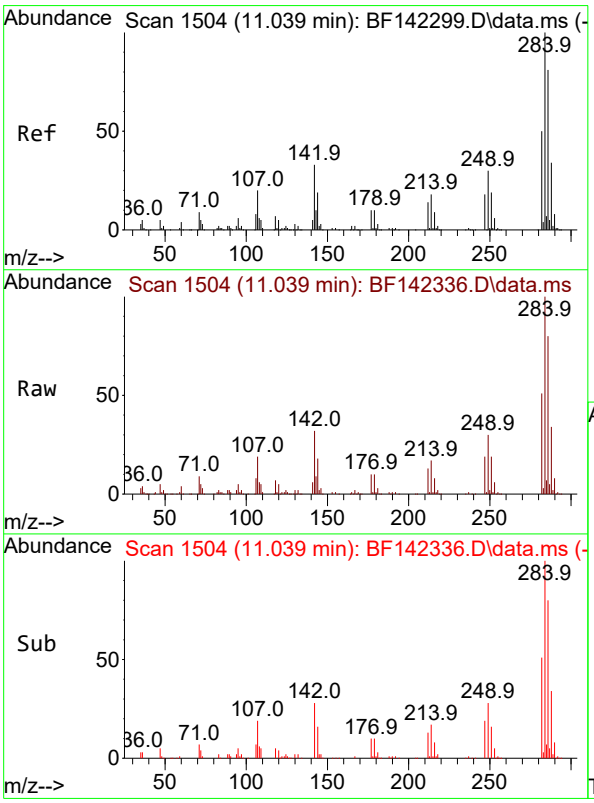
#67
4-Bromophenyl-phenylether
Concen: 46.223 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 383867

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.9	116.9
141	72.1	59.8	89.8

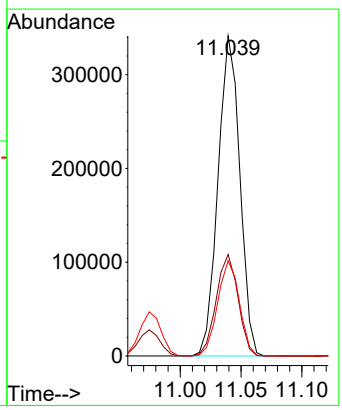


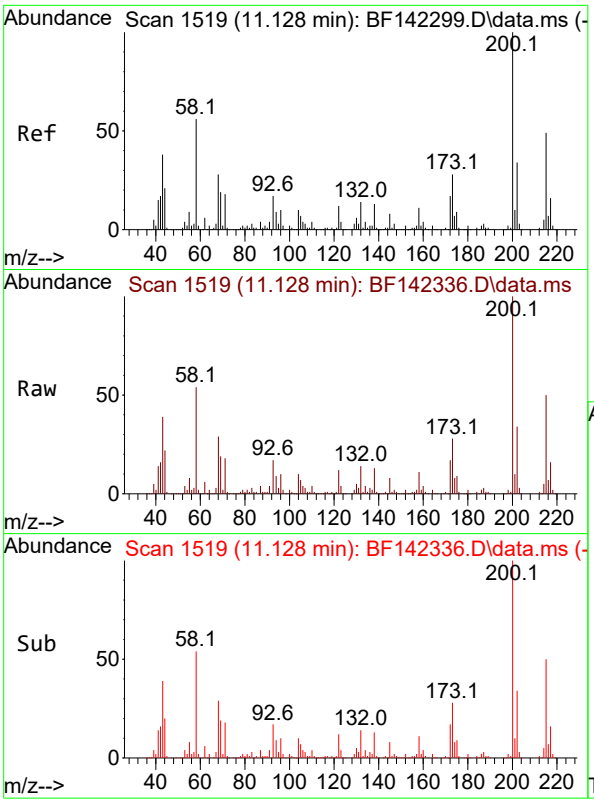


#68
Hexachlorobenzene
Concen: 46.545 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:284 Resp: 425189

Ion	Ratio	Lower	Upper
284	100		
142	31.7	26.6	39.8
249	29.7	24.1	36.1



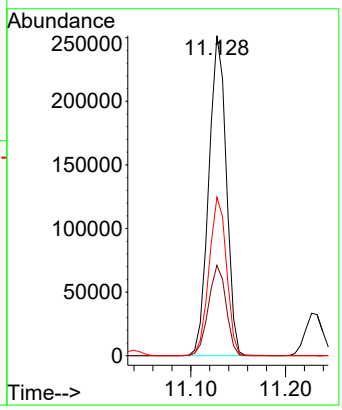


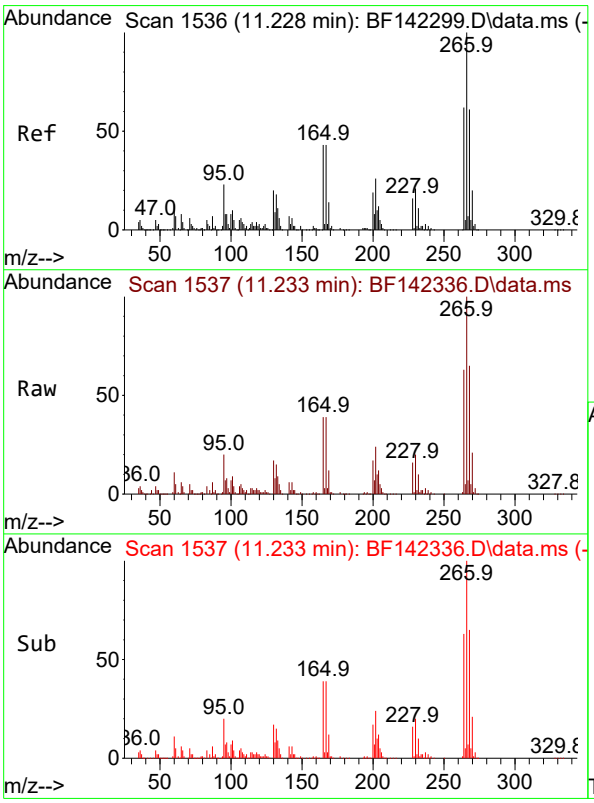
#69
Atrazine
Concen: 50.272 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 323129

Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	49.5	28.8	68.8

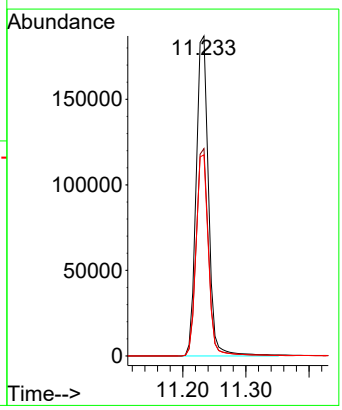


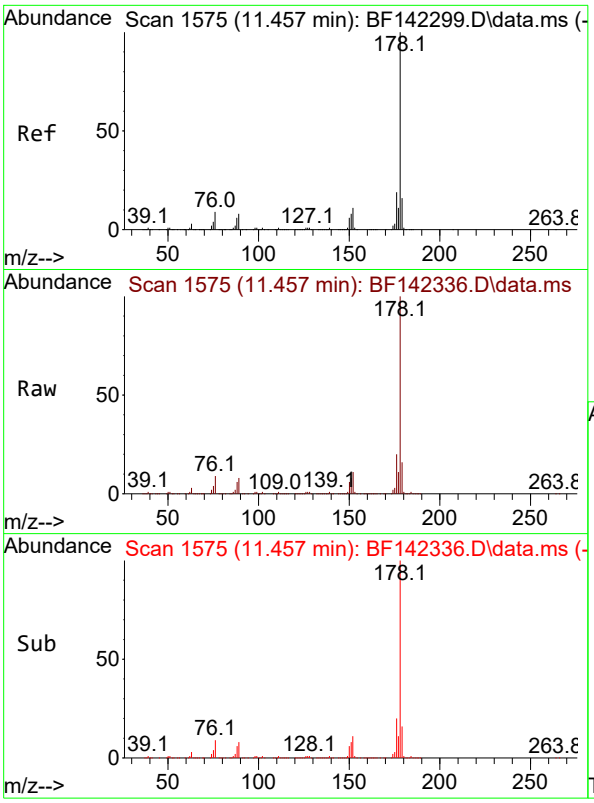


#70
Pentachlorophenol
Concen: 52.747 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:266 Resp: 253484

Ion	Ratio	Lower	Upper
266	100		
268	64.8	48.7	73.1
264	62.8	49.8	74.6



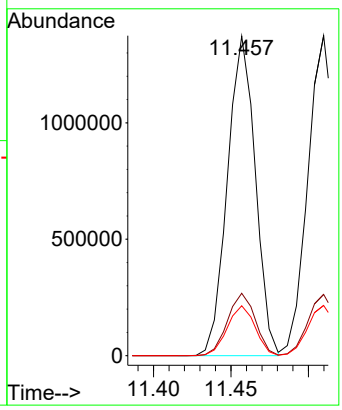


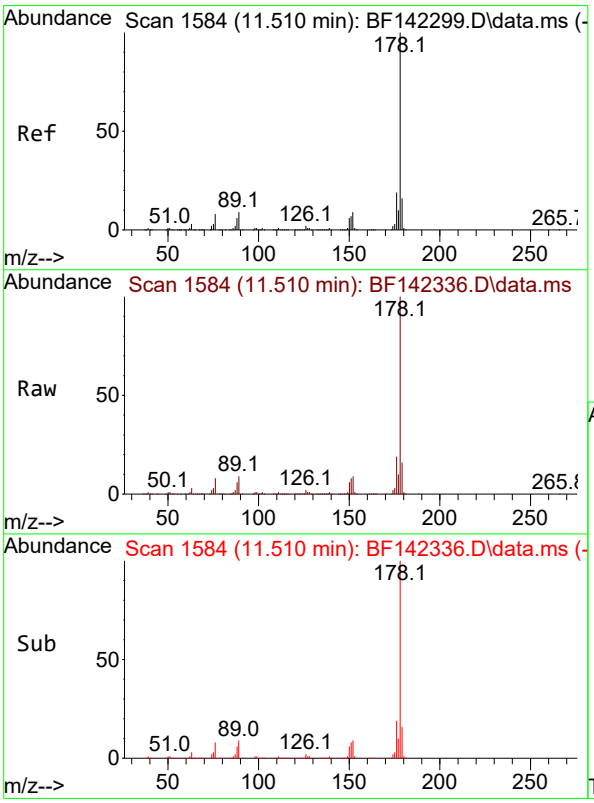
#71
Phenanthrene
Concen: 44.686 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1716372

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8

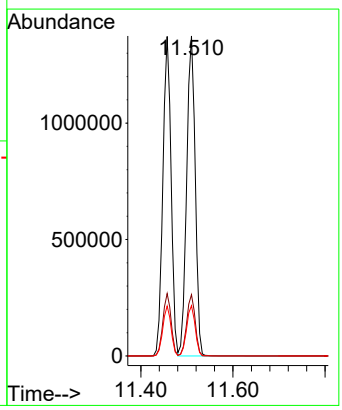


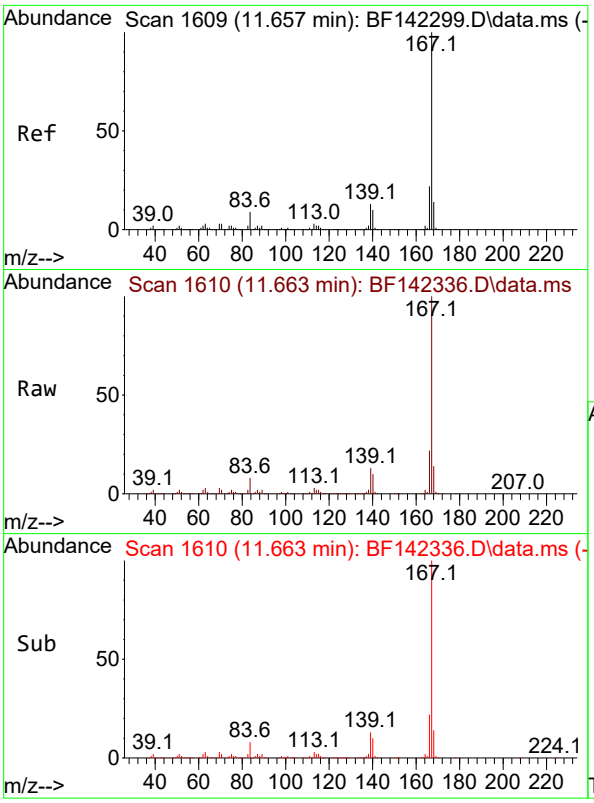


#72
Anthracene
Concen: 44.746 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:178 Resp: 1765937

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.6	18.8



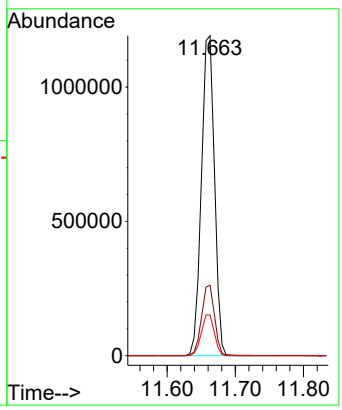


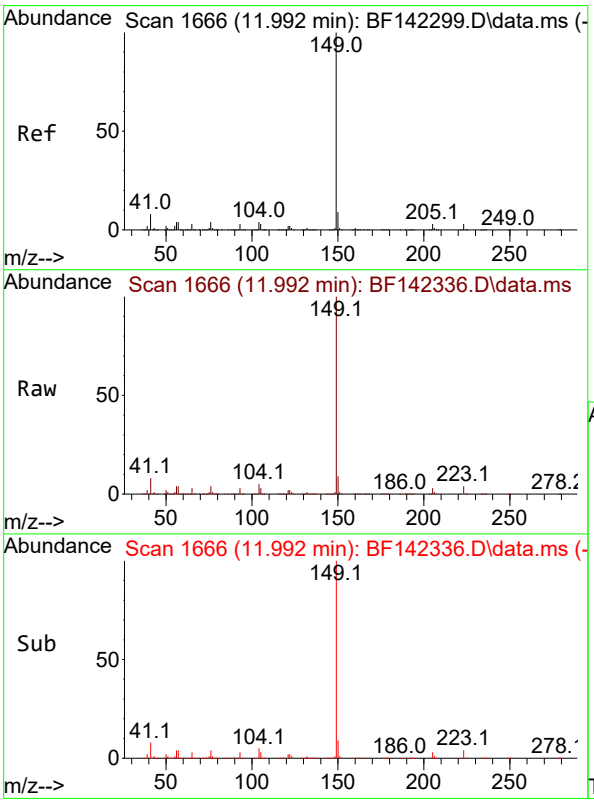
#73
Carbazole
Concen: 44.931 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1590890

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	12.7	10.3	15.5

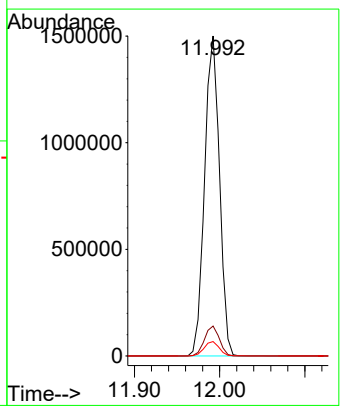


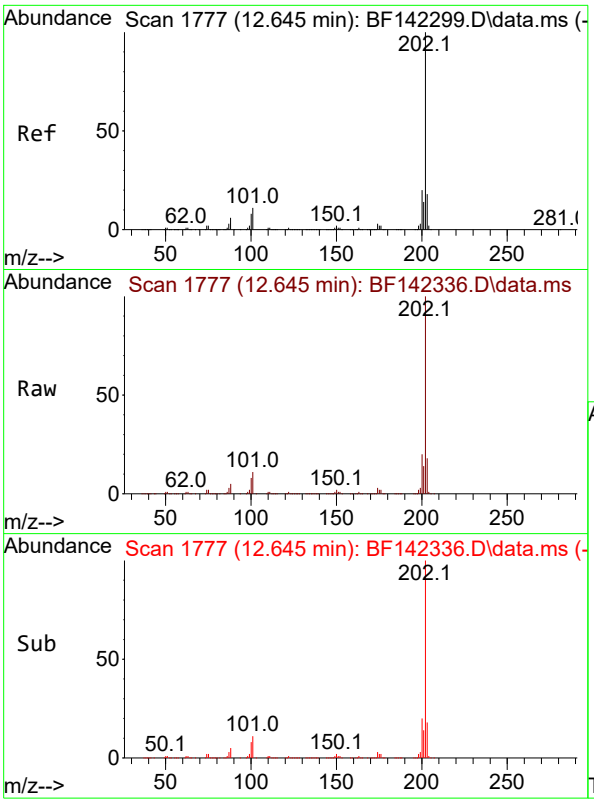


#74
Di-n-butylphthalate
Concen: 48.890 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:149 Resp: 1820284

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4



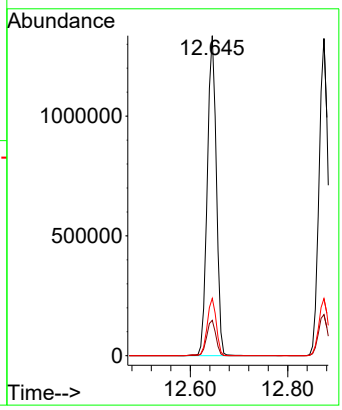


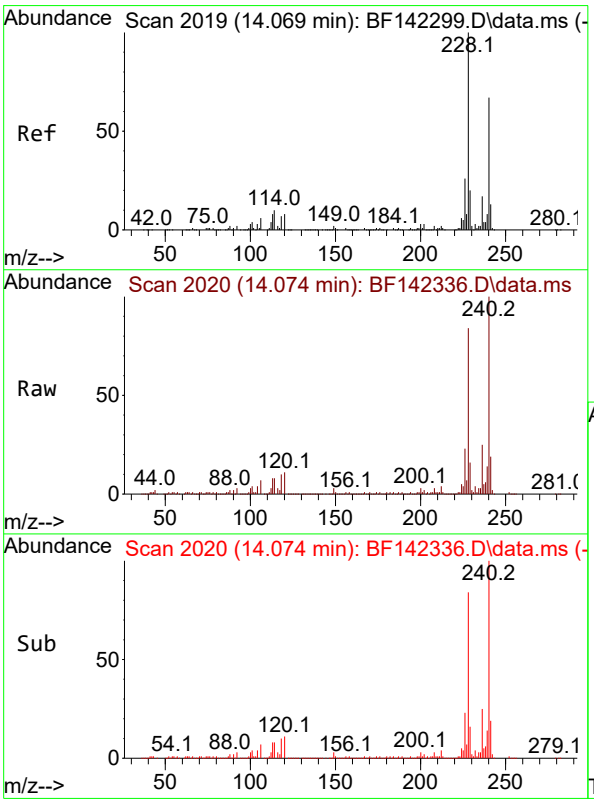
#75
Fluoranthene
Concen: 44.671 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1715140

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	17.9	0.0	37.9

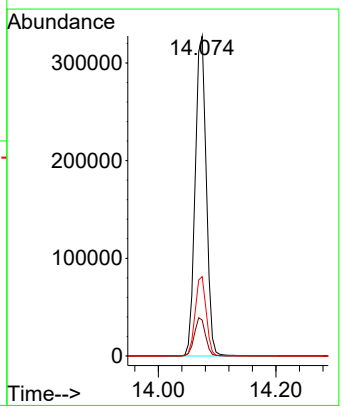


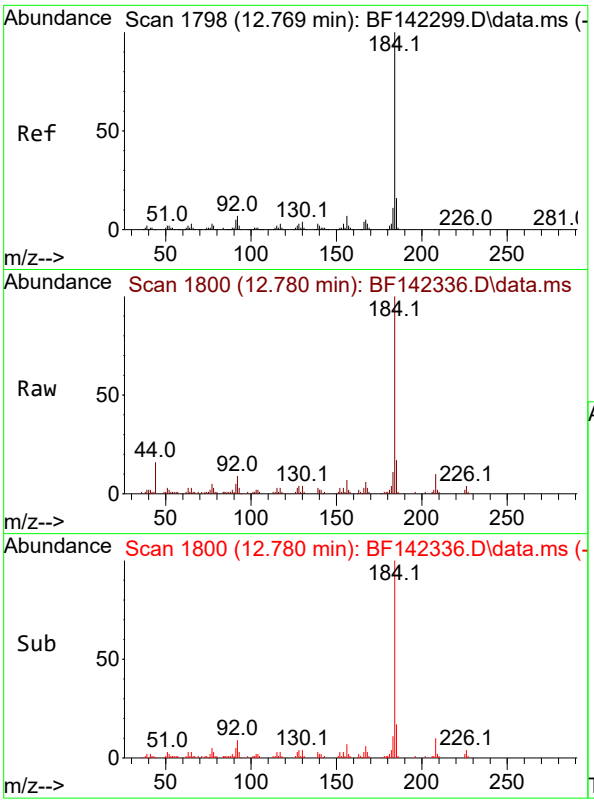


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:240 Resp: 429049

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	24.8	20.0	30.0



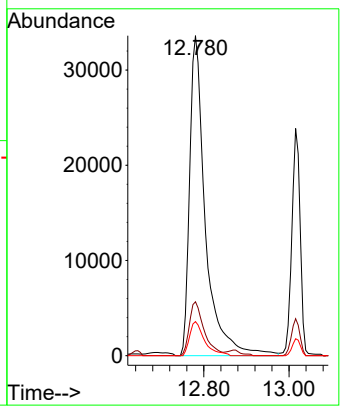


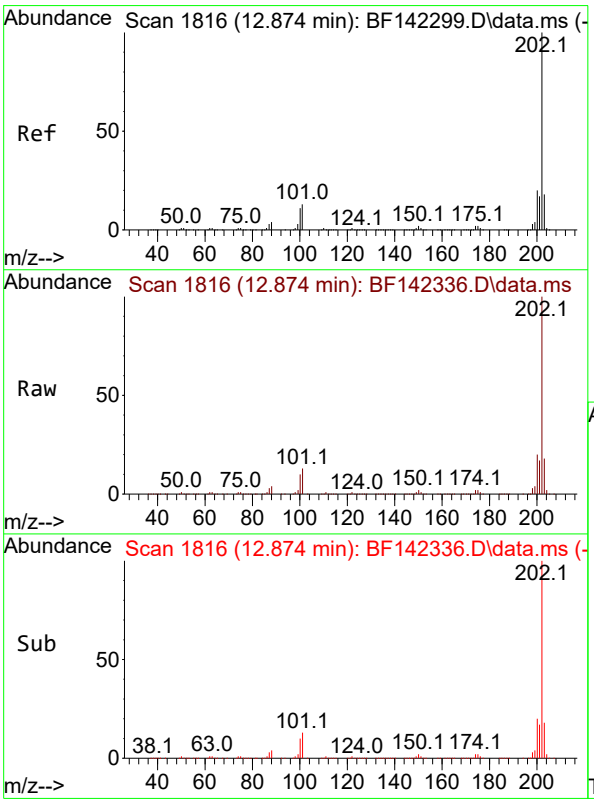
#77
Benzidine
Concen: 11.065 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.011 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 86272

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	18.8
183	10.7	8.6	12.8

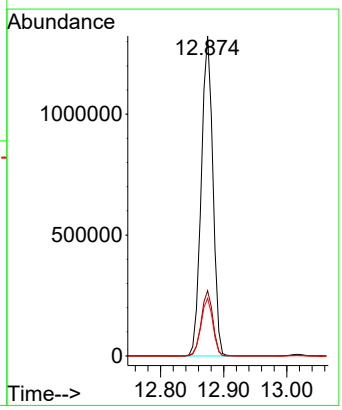


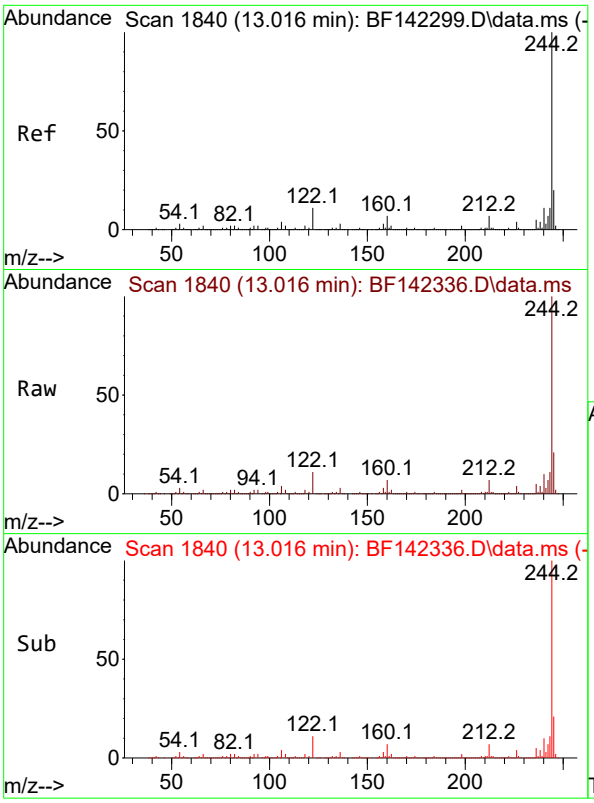


#78
Pyrene
Concen: 44.393 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:202 Resp: 1695335

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	18.0	14.3	21.5



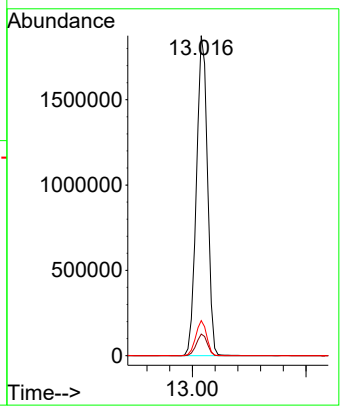


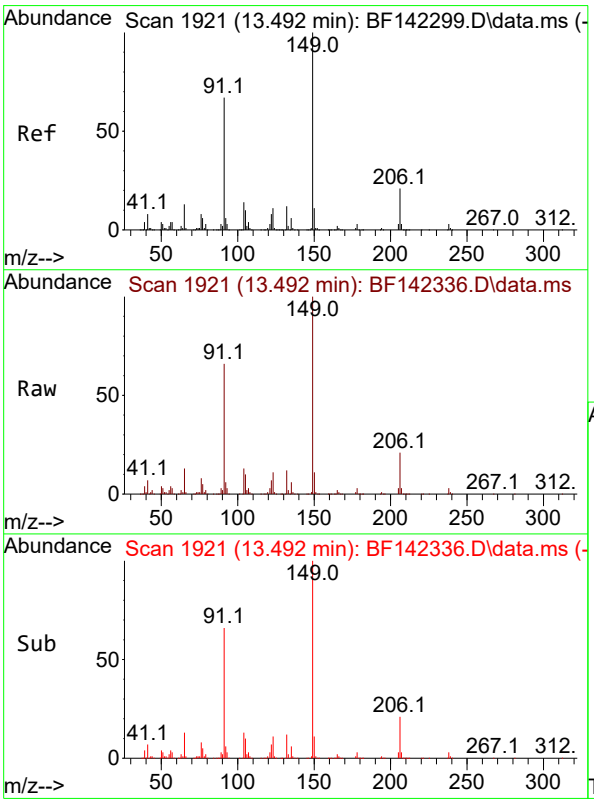
#79
Terphenyl-d14
Concen: 87.778 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 2544484

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.9	9.0	13.4

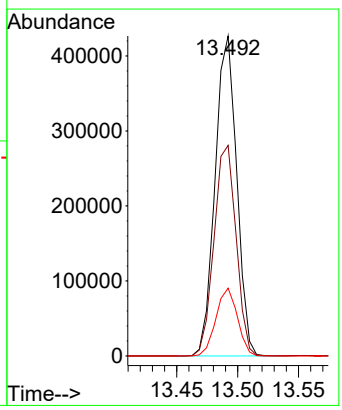


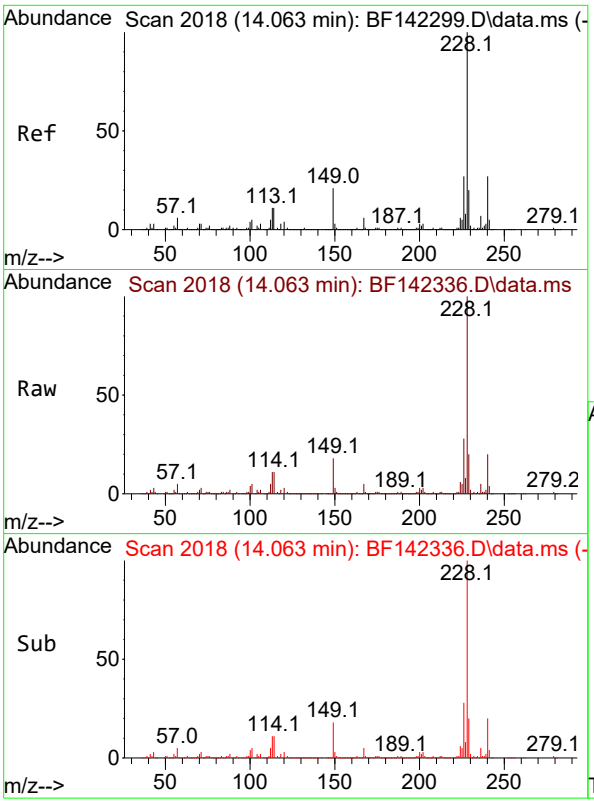


#80
Butylbenzylphthalate
Concen: 47.376 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:149 Resp: 527431

Ion	Ratio	Lower	Upper
149	100		
91	65.8	53.8	80.6
206	21.2	16.6	24.8



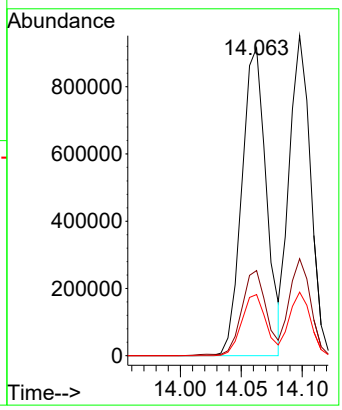


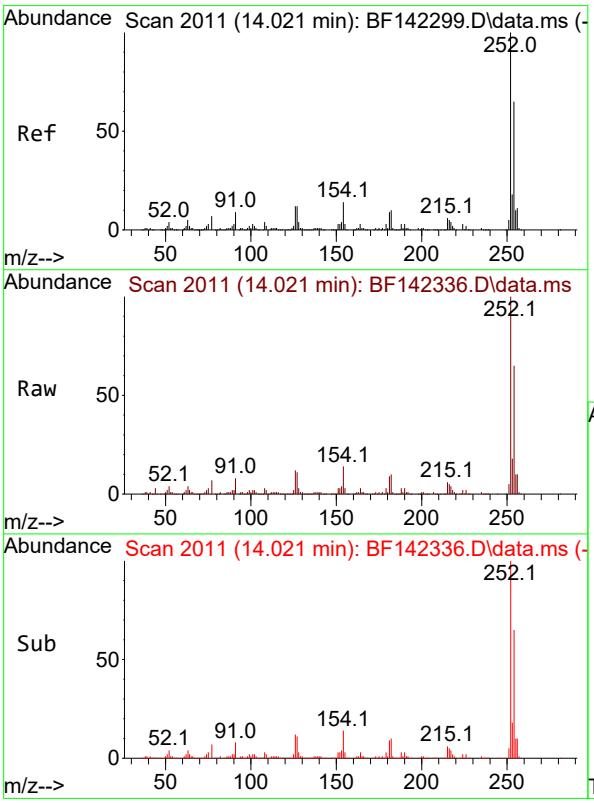
#81
Benzo(a)anthracene
Concen: 46.312 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1286820

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.5	32.3
229	19.8	15.9	23.9

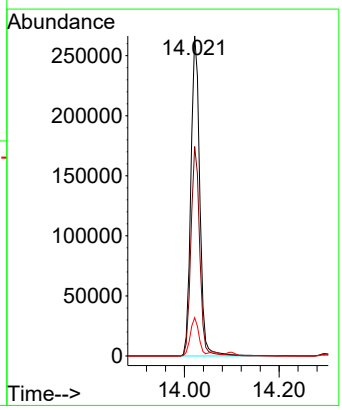


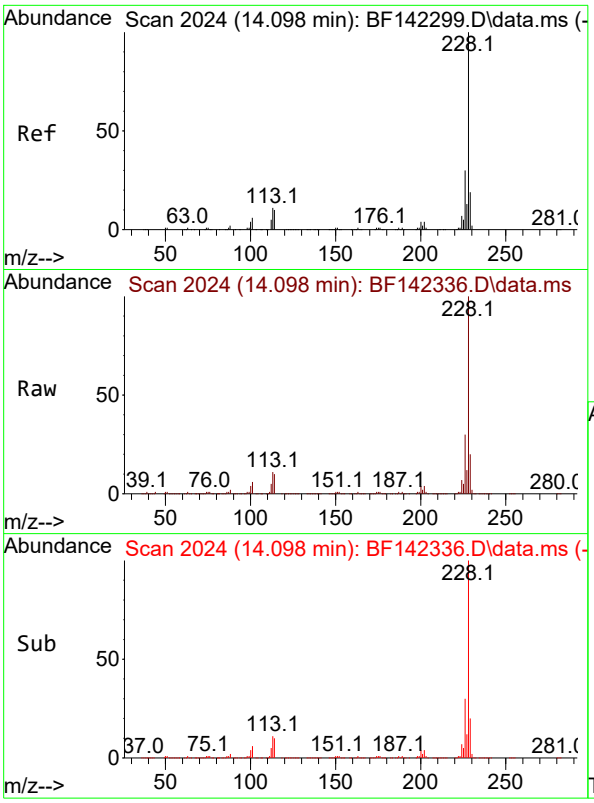


#82
3,3'-Dichlorobenzidine
Concen: 53.865 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:252 Resp: 348051

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.0	78.0
126	11.9	9.7	14.5



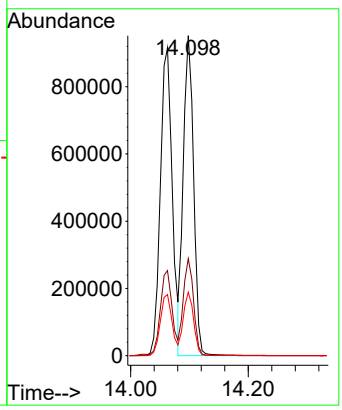


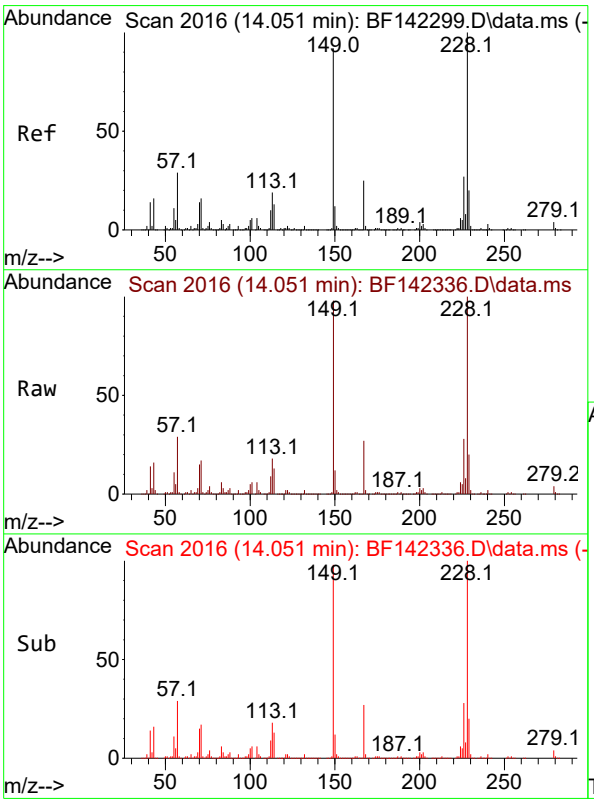
#83
Chrysene
Concen: 44.906 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1161556

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.9	15.4	23.2

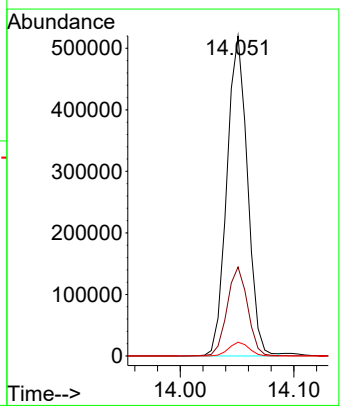


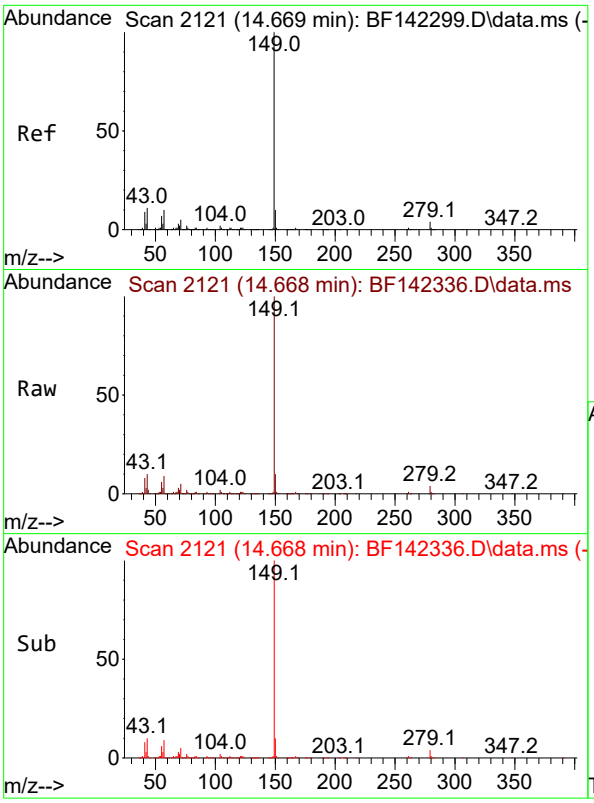


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.405 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:149 Resp: 655350

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.0	33.0
279	4.3	3.0	4.6



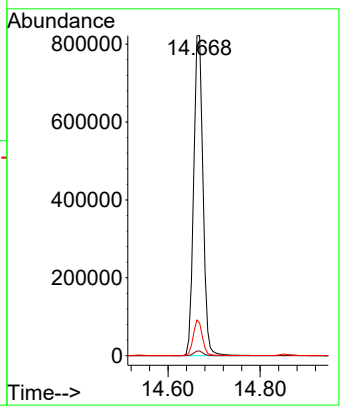


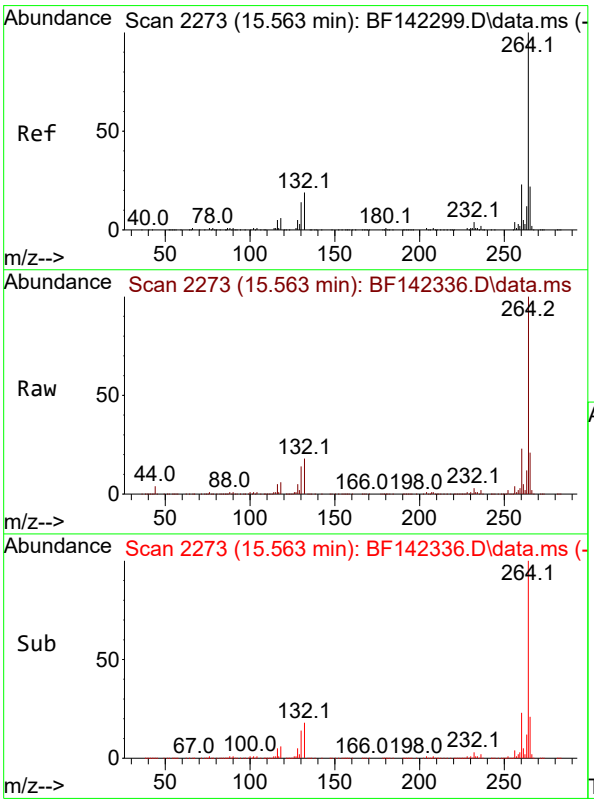
#85
Di-n-octyl phthalate
Concen: 44.663 ng
RT: 14.668 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1151683

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.0	9.2	13.8

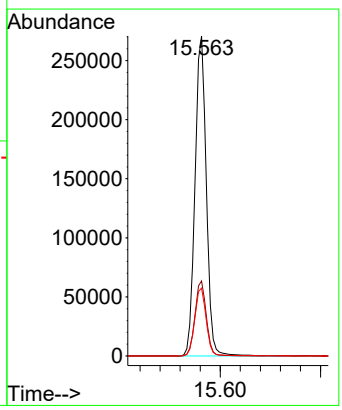


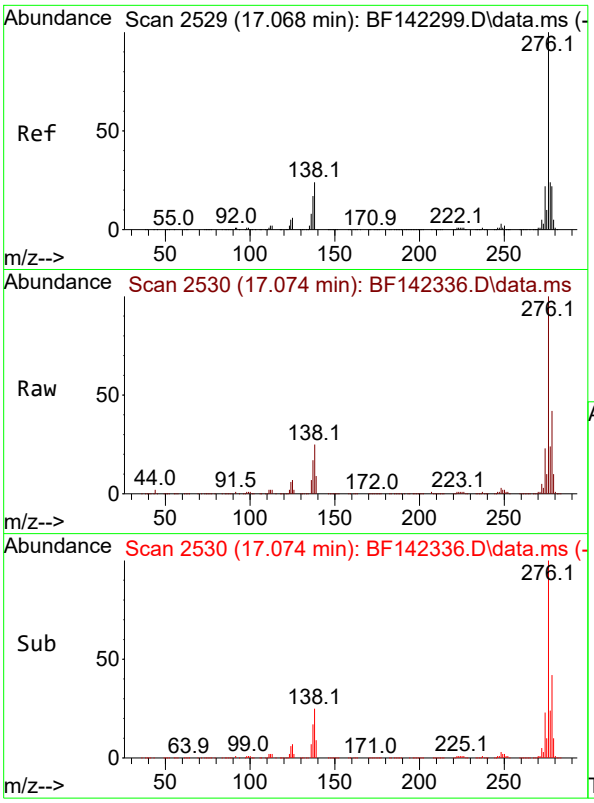


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:264 Resp: 422358

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.2	17.5	26.3



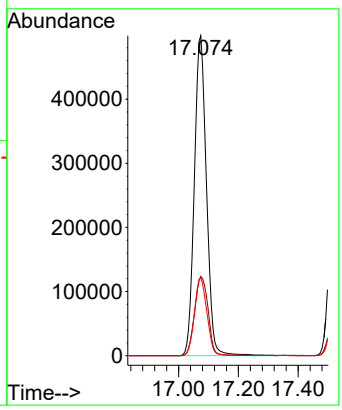


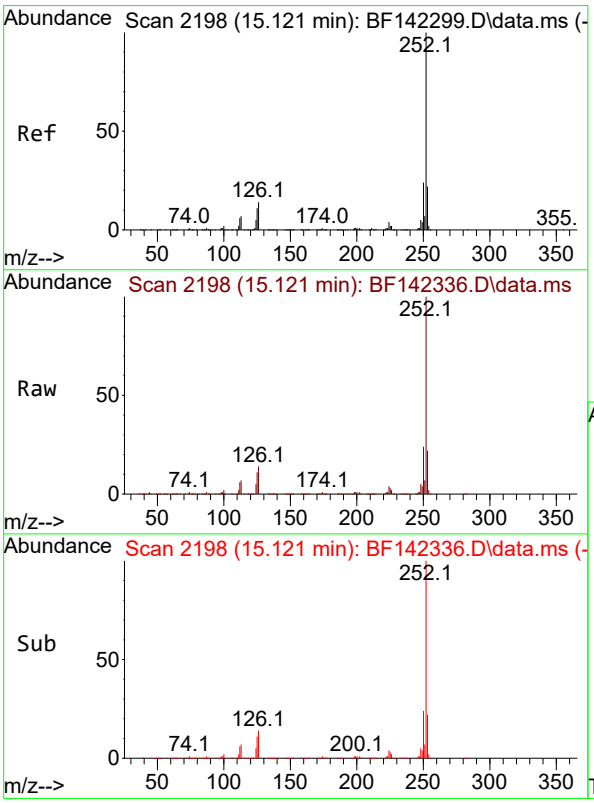
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.784 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 1403936

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.0	33.0
277	25.1	20.1	30.1

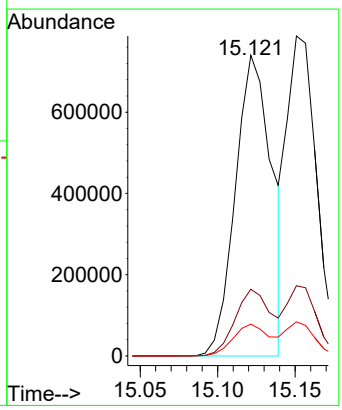


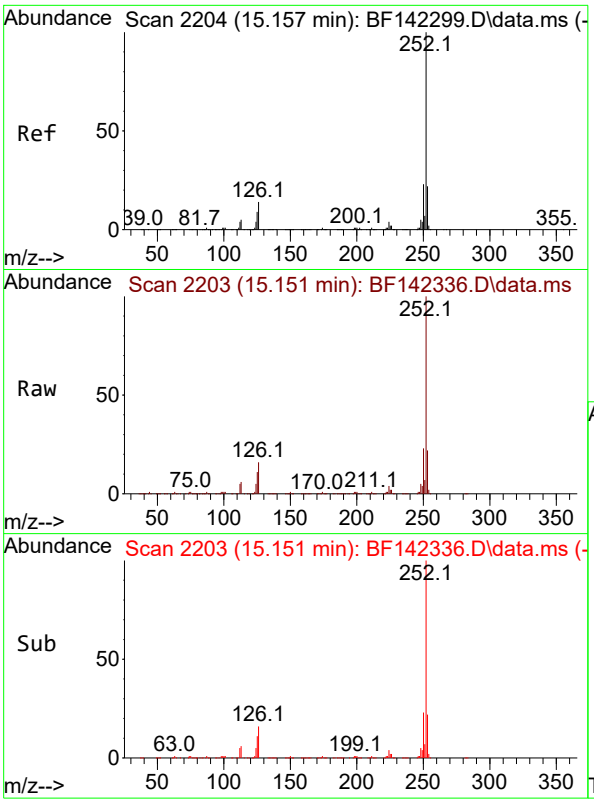


#88
Benzo(b)fluoranthene
Concen: 47.263 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:252 Resp: 1209004

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.6	8.7	13.1



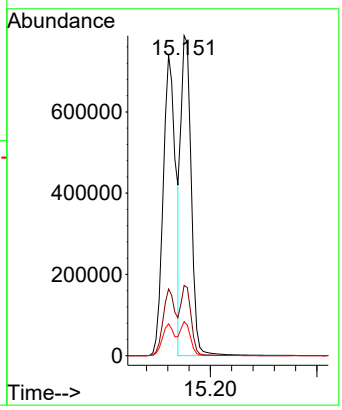


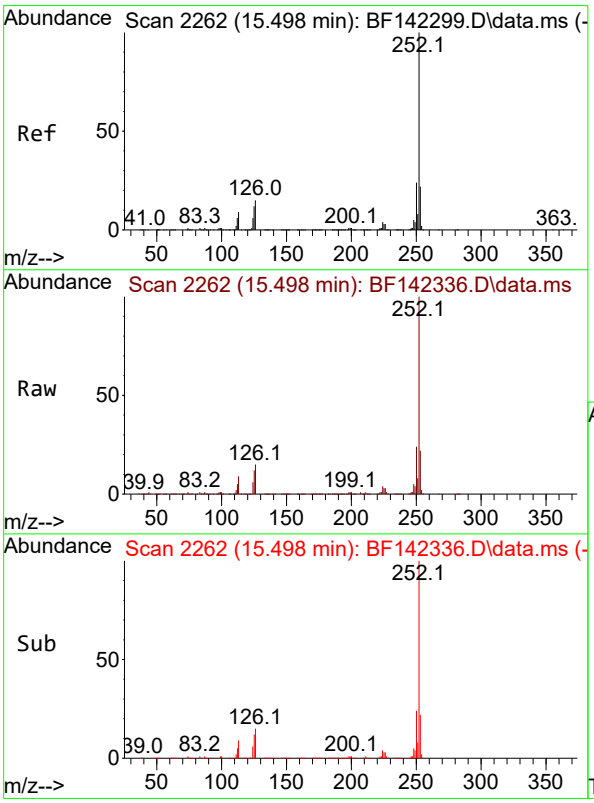
#89
Benzo(k)fluoranthene
Concen: 45.267 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1059661

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.7	8.1	12.1

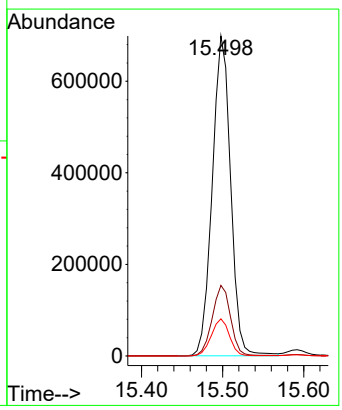


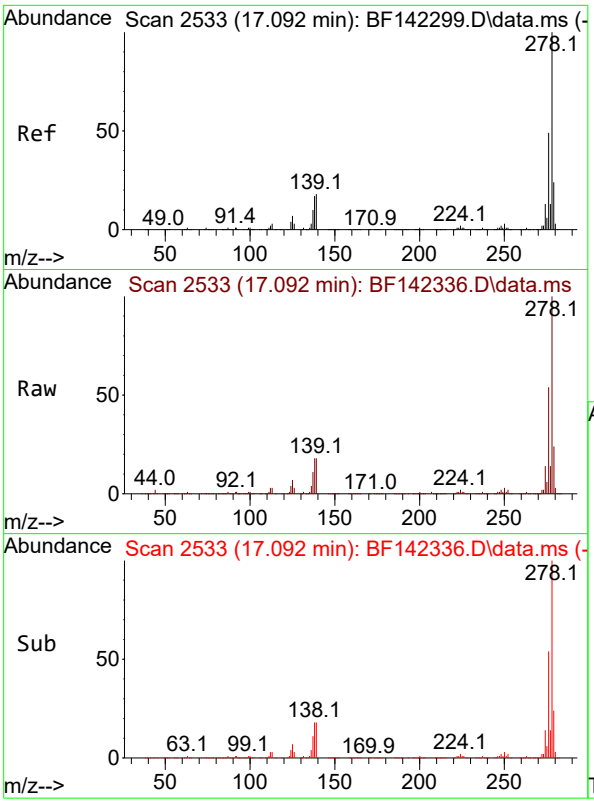


#90
Benzo(a)pyrene
Concen: 47.910 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:252 Resp: 1098240

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.6	9.4	14.0



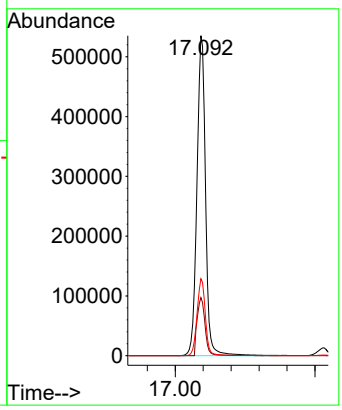


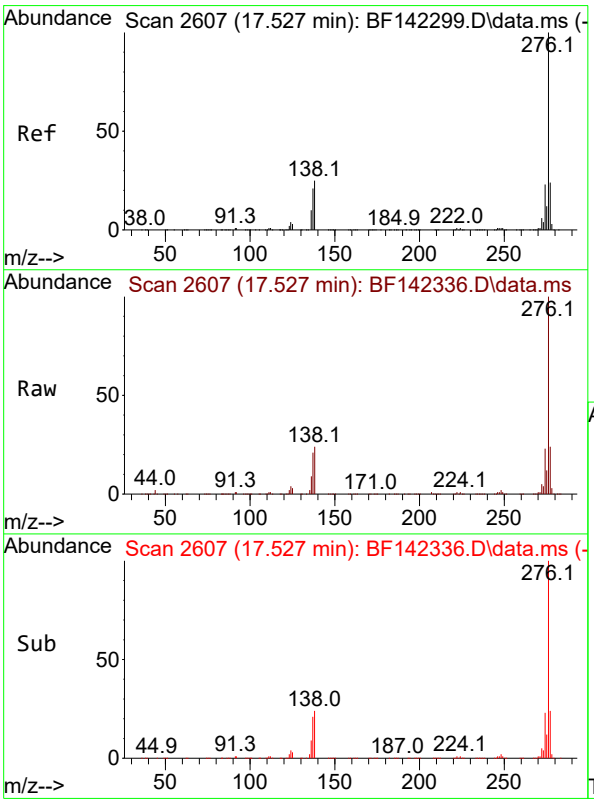
#91
Dibenzo(a,h)anthracene
Concen: 47.135 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

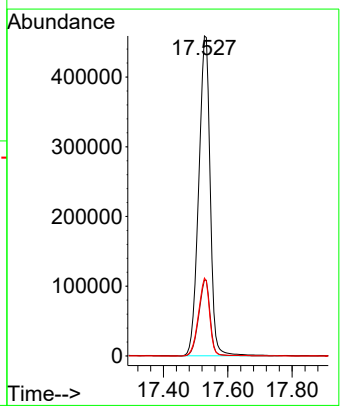
Tgt Ion:278 Resp: 1144103

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.5	21.7
279	24.0	18.9	28.3





#92
Benzo(g,h,i)perylene
Concen: 47.068 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:276 Resp: 1133909

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	24.4	19.8	29.6