Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
Data File : BF132816.D
Acq On : 16 Mar 2023 16:49
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Mar 17 02:33:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 02:26:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	212890	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	712855	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	380135	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	739105	20.000	ng	0.00
76) Chrysene-d12	14.151	240	497721	20.000	ng	0.00
86) Perylene-d12	15.680	264	407871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	960567	73.229	ng	0.00
7) Phenol-d6	6.598	99	1249660	72.997	ng	0.00
23) Nitrobenzene-d5	7.533	82	1123026	74.743	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	317820	77.417	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1716097	68.740	ng	0.00
79) Terphenyl-d14	13.086	244	2085555	70.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	280419	38.647	ng	100
3) Pyridine	3.581	79	727635	37.779	ng	100
4) n-Nitrosodimethylamine	3.546	42	261899	35.999	ng	100
6) Aniline	6.634	93	777455	33.746	ng	100
8) 2-Chlorophenol	6.751	128	524736	38.544	ng	100
9) Benzaldehyde	6.516	77	214736	23.246	ng	100
10) Phenol	6.610	94	728452	37.115	ng	100
11) bis(2-Chloroethyl)ether	6.698	93	676859	44.673	ng	100
12) 1,3-Dichlorobenzene	6.904	146	560707	38.379	ng	100
13) 1,4-Dichlorobenzene	6.981	146	561992	38.524	ng	100
14) 1,2-Dichlorobenzene	7.133	146	509303	36.378	ng	100
15) Benzyl Alcohol	7.104	79	398233	30.205	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.233	45	660043	34.161	ng	100
17) 2-Methylphenol	7.216	107	481376	37.886	ng	100
18) Hexachloroethane	7.475	117	217536	38.169	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	335271	31.822	ng	100
20) 3+4-Methylphenols	7.369	107	526469	32.072	ng	100
22) Acetophenone	7.375	105	659629	36.697	ng	100
24) Nitrobenzene	7.551	77	612919	38.143	ng	100
25) Isophorone	7.786	82	1066736	37.031	ng	100
26) 2-Nitrophenol	7.863	139	280799	39.605	ng	100
27) 2,4-Dimethylphenol	7.898	122	422691	37.774	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	652680	38.731	ng	100
29) 2,4-Dichlorophenol	8.110	162	454552	40.836	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	479692	39.687	ng	100
31) Naphthalene	8.269	128	1366657	37.449	ng	100
32) Benzoic acid	8.028	122	223454	27.589	ng	100
33) 4-Chloroaniline	8.322	127	425126	27.185	ng	100
34) Hexachlorobutadiene	8.375	225	305871	39.823	ng	100
35) Caprolactam	8.704	113	122132	33.281	ng	100
36) 4-Chloro-3-methylphenol	8.804	107	468754	38.346	ng	100
37) 2-Methylnaphthalene	8.957	142	936504	37.656	ng	100
38) 1-Methylnaphthalene	9.057	142	893658	38.450	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	490453	39.435	ng	100
41) Hexachlorocyclopentadiene	9.110	237	230634	34.189	ng	100
43) 2,4,6-Trichlorophenol	9.239	196	324413	38.490	ng	100

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Mar 17 02:33:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 02:26:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	385205	39.158	ng	100
46) 1,1'-Biphenyl	9.422	154	1091048	37.921	ng	100
47) 2-Chloronaphthalene	9.451	162	866456	37.983	ng	100
48) 2-Nitroaniline	9.551	65	295403	35.160	ng	100
49) Acenaphthylene	9.869	152	1361210	37.494	ng	100
50) Dimethylphthalate	9.722	163	1072672	38.755	ng	100
51) 2,6-Dinitrotoluene	9.792	165	244056	38.717	ng	100
52) Acenaphthene	10.039	154	791227	34.322	ng	100
53) 3-Nitroaniline	9.969	138	275444	39.063	ng	100
54) 2,4-Dinitrophenol	10.074	184	105176	28.445	ng	100
55) Dibenzofuran	10.210	168	1229750	36.591	ng	100
56) 4-Nitrophenol	10.133	139	176556	33.575	ng	100
57) 2,4-Dinitrotoluene	10.198	165	311977	37.202	ng	100
58) Fluorene	10.557	166	955754	37.179	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	284792	38.972	ng	100
60) Diethylphthalate	10.422	149	1027863	38.023	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	512098	38.400	ng	100
62) 4-Nitroaniline	10.580	138	224841	32.484	ng	100
63) Azobenzene	10.704	77	1051529	36.730	ng	100
65) 4,6-Dinitro-2-methylph...	10.610	198	185138	37.003	ng	100
66) n-Nitrosodiphenylamine	10.663	169	847292	36.771	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	326036	38.998	ng	100
68) Hexachlorobenzene	11.104	284	343323	39.027	ng	100
69) Atrazine	11.186	200	256008	35.589	ng	100
70) Pentachlorophenol	11.304	266	164266	31.385	ng	100
71) Phenanthrene	11.521	178	1394831	36.429	ng	100
72) Anthracene	11.574	178	1441155	36.550	ng	100
73) Carbazole	11.733	167	1312524	36.921	ng	100
74) Di-n-butylphthalate	12.045	149	1524231	36.552	ng	100
75) Fluoranthene	12.715	202	1603278	38.303	ng	100
77) Benzidine	12.857	184	185648	15.323	ng	100
78) Pyrene	12.951	202	1648975	36.440	ng	100
80) Butylbenzylphthalate	13.551	149	678418	37.991	ng	100
81) Benzo(a)anthracene	14.139	228	1413962	37.968	ng	100
82) 3,3'-Dichlorobenzidine	14.098	252	368934	33.603	ng	100
83) Chrysene	14.180	228	1306760	37.524	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	851246	38.805	ng	100
85) Di-n-octyl phthalate	14.727	149	1258343	39.254	ng	100
87) Indeno(1,2,3-cd)pyrene	17.256	276	1076559	40.282	ng	100
88) Benzo(b)fluoranthene	15.221	252	1115249	40.802	ng	100
89) Benzo(k)fluoranthene	15.257	252	1068305	39.935	ng	100
90) Benzo(a)pyrene	15.615	252	1002152	39.174	ng	100
91) Dibenzo(a,h)anthracene	17.268	278	896374	41.165	ng	100
92) Benzo(g,h,i)perylene	17.727	276	943964	41.627	ng	100

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

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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 02:26:10 2023
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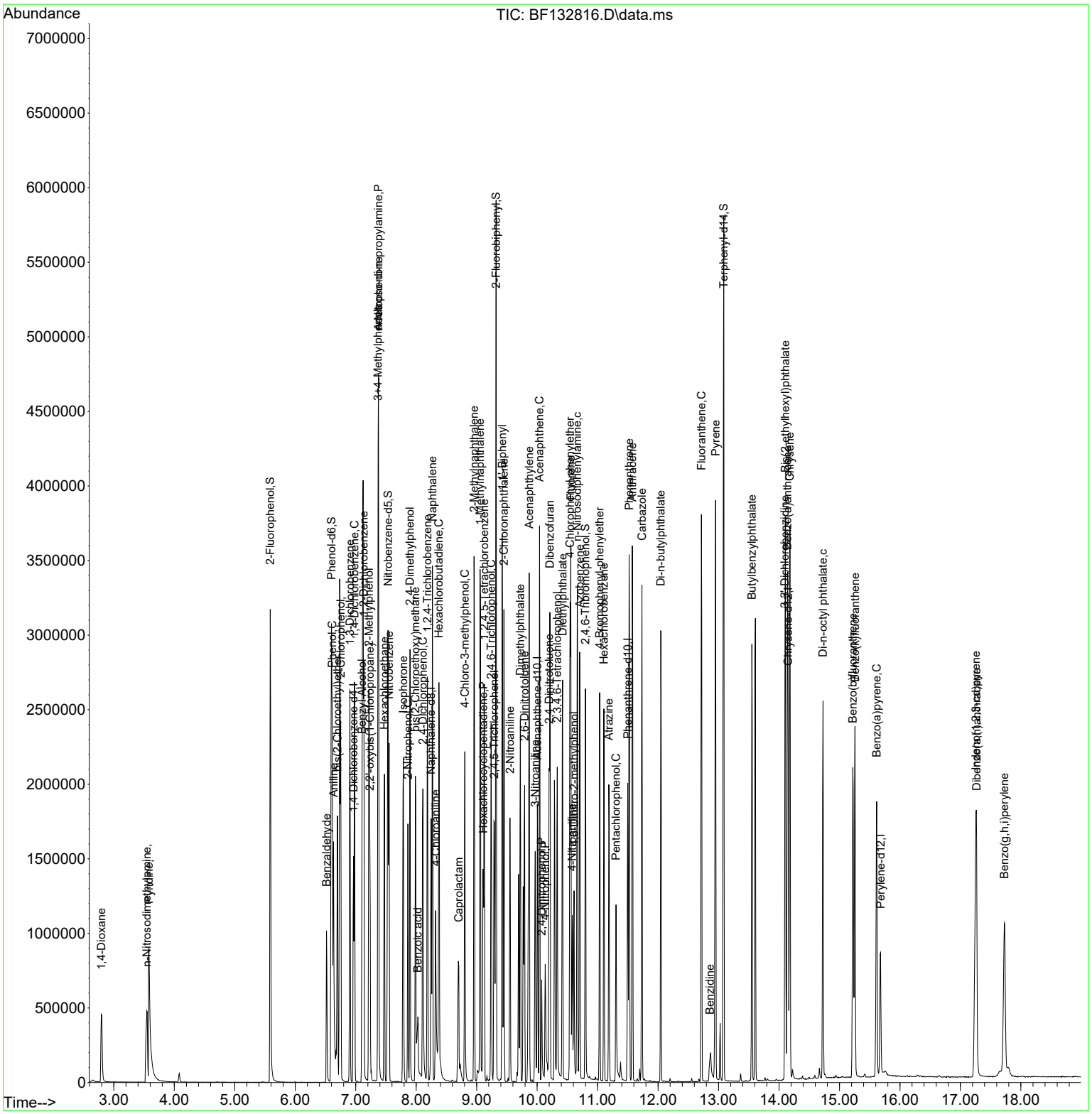
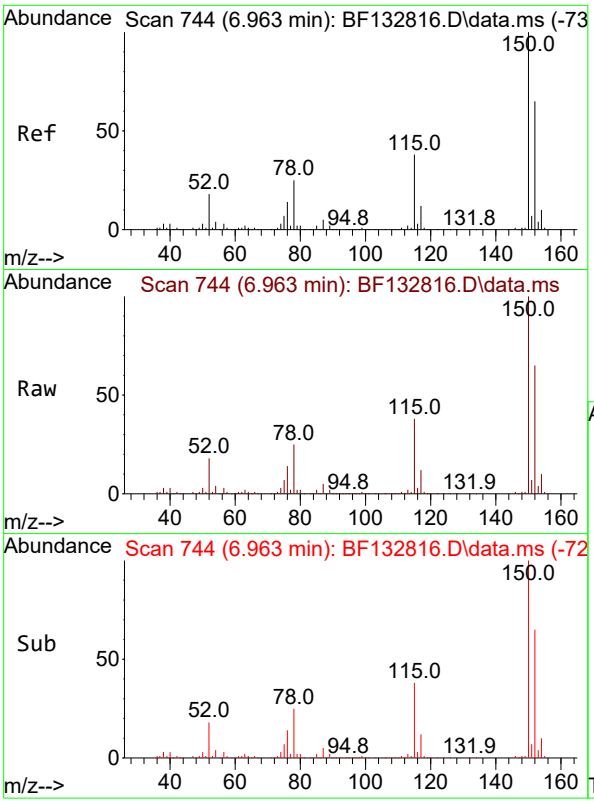


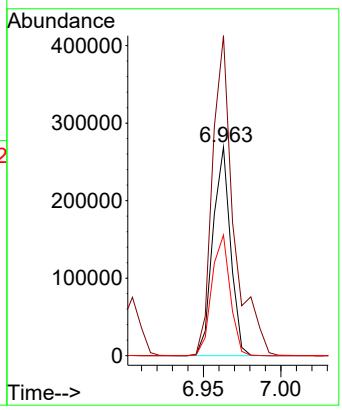


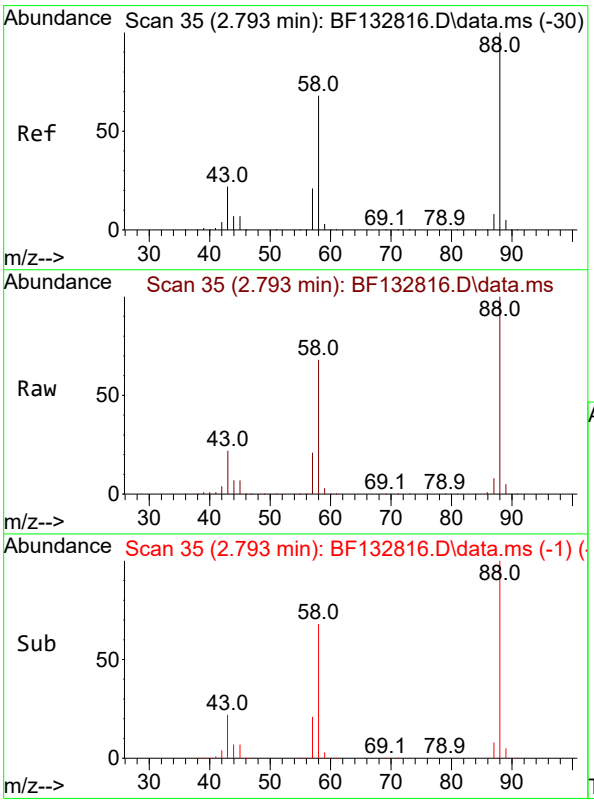
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 212890

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.7	184.1
115	57.8	46.2	69.4

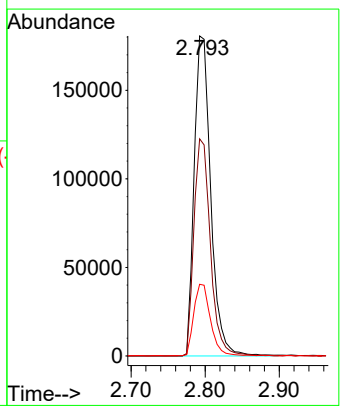


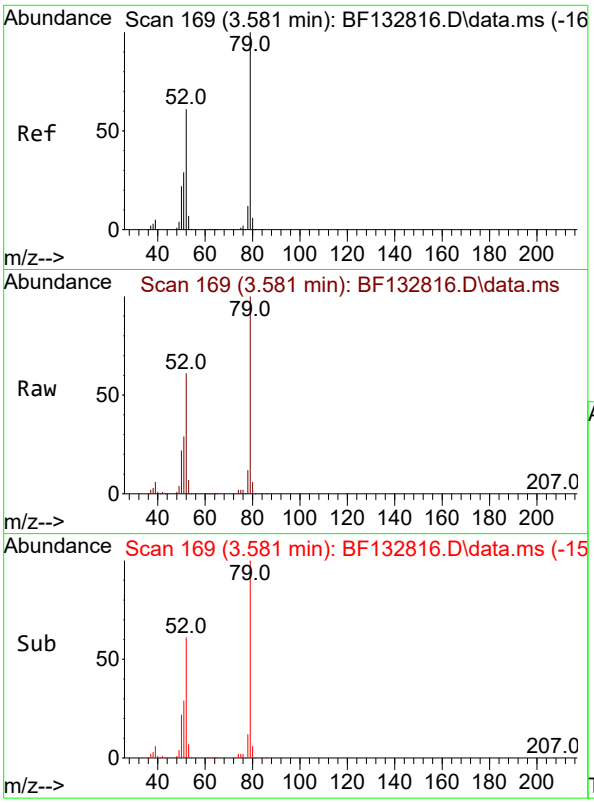


#2
1,4-Dioxane
Concen: 38.647 ng
RT: 2.793 min Scan# 35
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 88 Resp: 280419

Ion	Ratio	Lower	Upper
88	100		
58	67.3	53.8	80.8
43	22.8	18.2	27.4



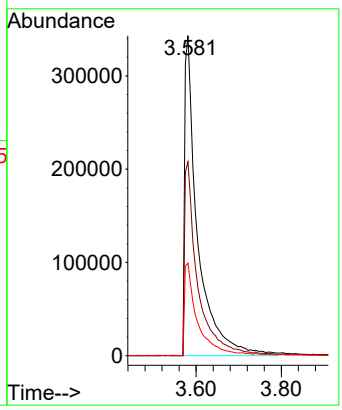


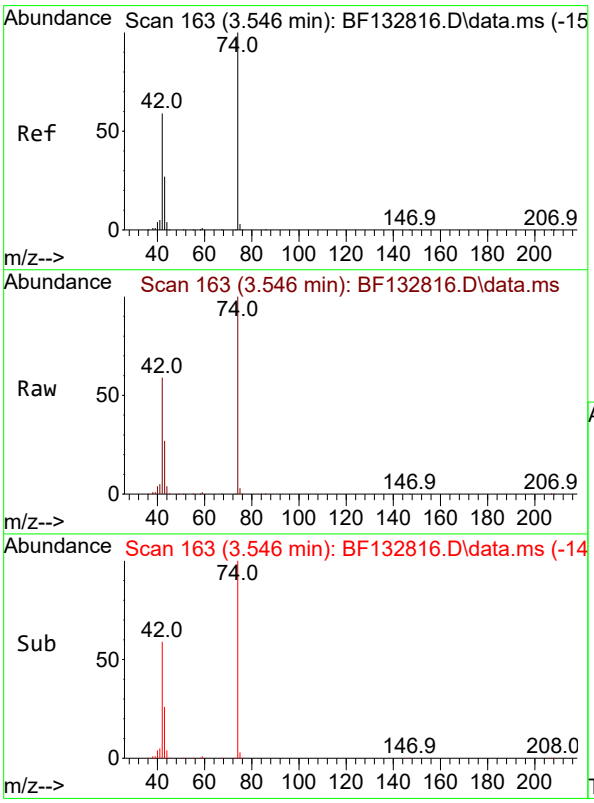
#3
Pyridine
Concen: 37.779 ng
RT: 3.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 727635

Ion	Ratio	Lower	Upper
79	100		
52	60.6	48.5	72.7
51	28.9	23.1	34.7

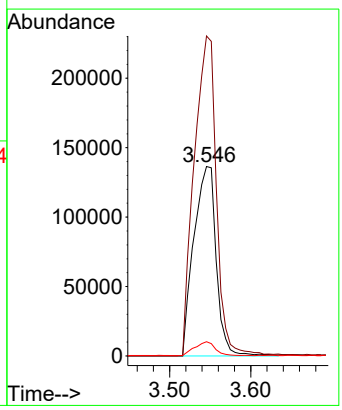


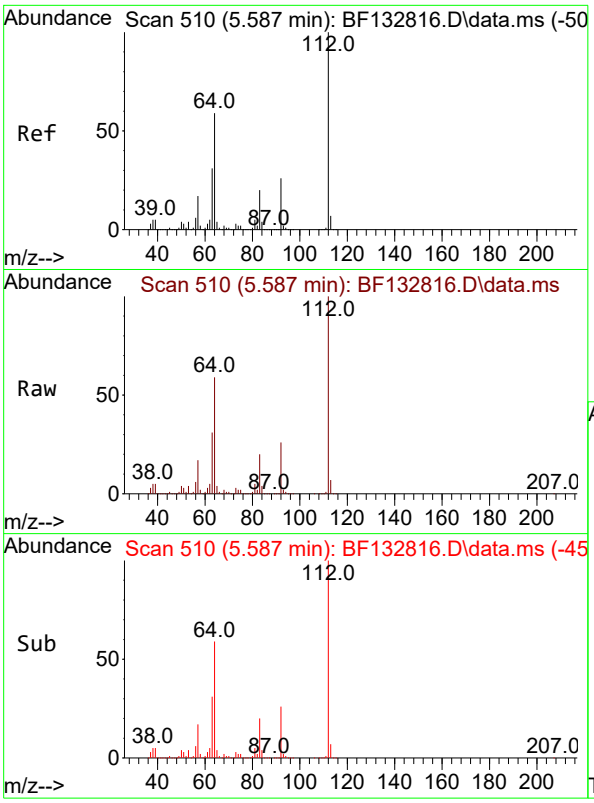


#4
n-Nitrosodimethylamine
Concen: 35.999 ng
RT: 3.546 min Scan# 163
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 42 Resp: 261899

Ion	Ratio	Lower	Upper
42	100		
74	169.0	135.2	202.8
44	7.5	6.0	9.0



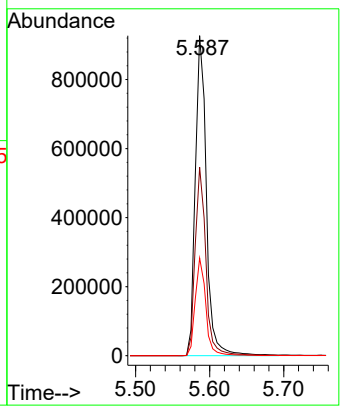


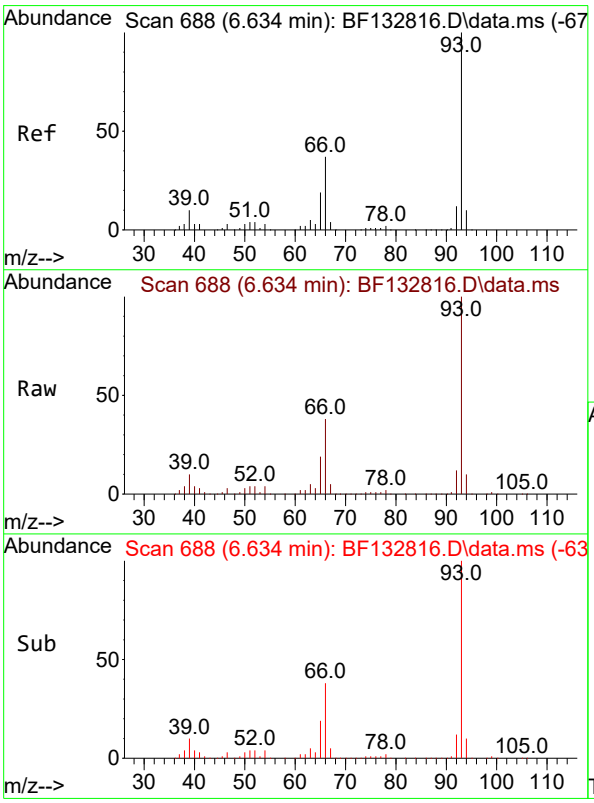
#5
2-Fluorophenol
Concen: 73.229 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 960567

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	30.5	24.4	36.6

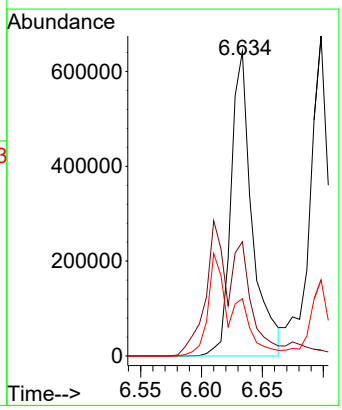


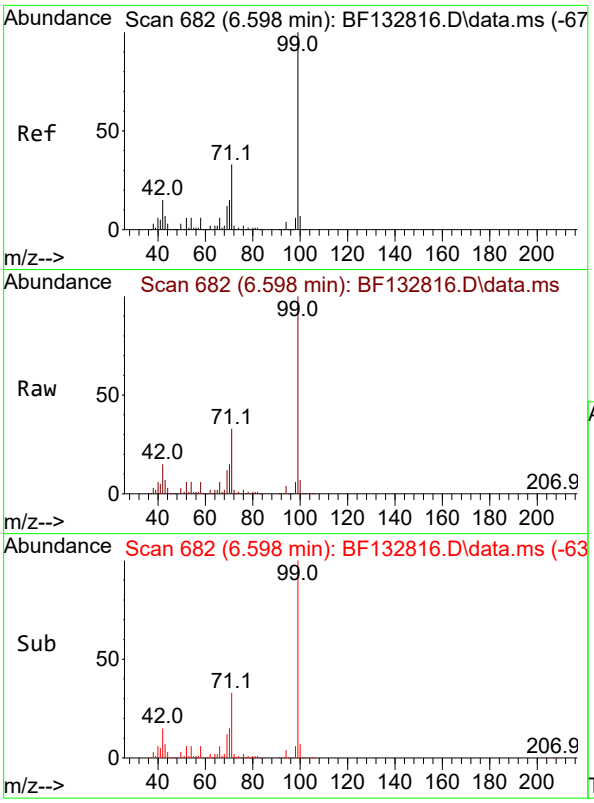


#6
Aniline
Concen: 33.746 ng
RT: 6.634 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 93 Resp: 777455

Ion	Ratio	Lower	Upper
93	100		
66	37.6	30.1	45.1
65	18.8	15.0	22.6



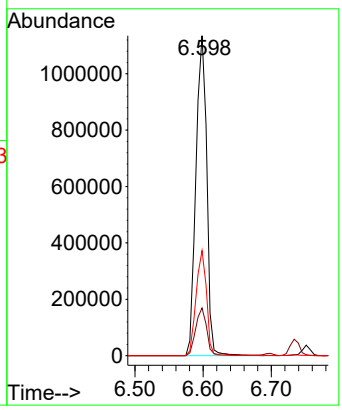


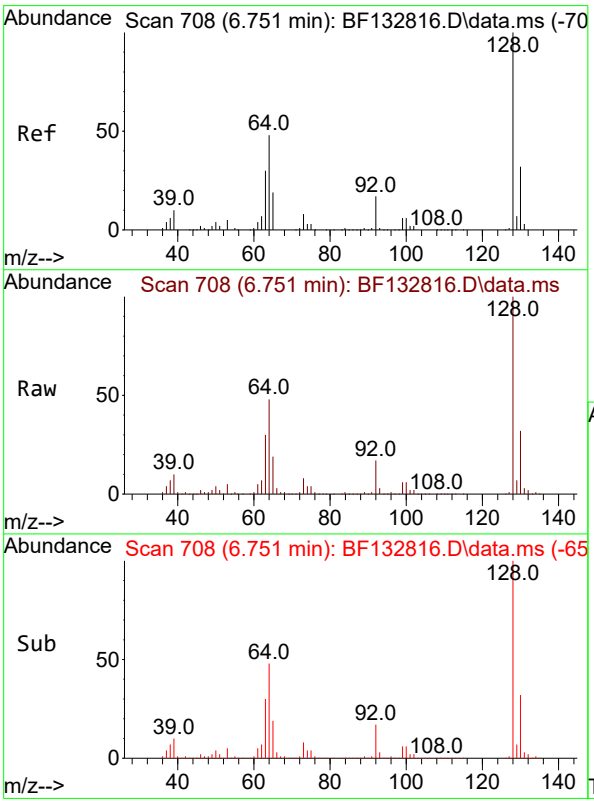
#7
Phenol-d6
Concen: 72.997 ng
RT: 6.598 min Scan# 6
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1249660

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.9	17.9
71	32.9	26.3	39.5

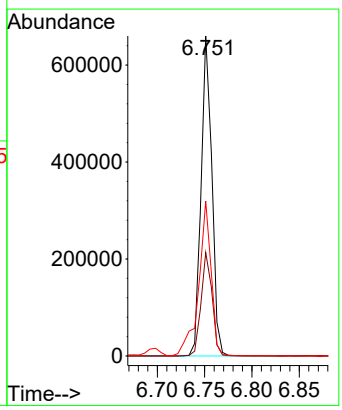


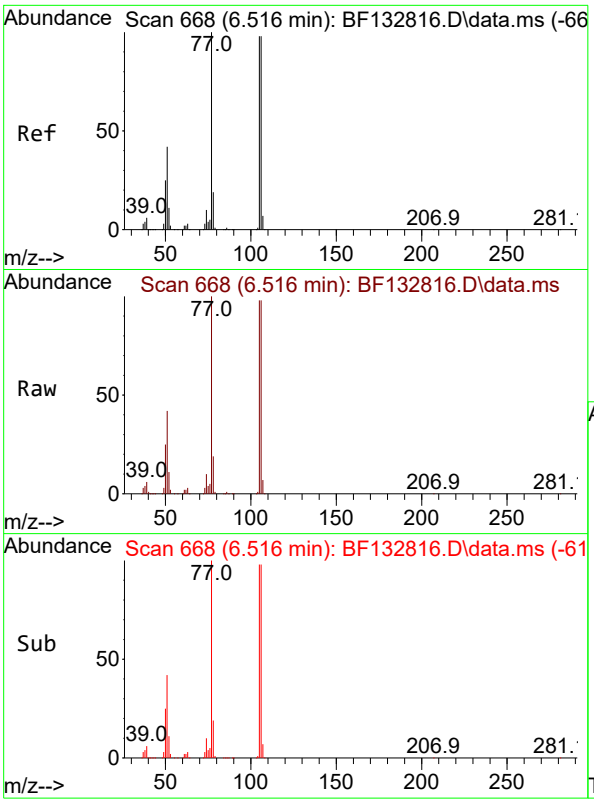


#8
2-Chlorophenol
Concen: 38.544 ng
RT: 6.751 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:128 Resp: 524736

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	48.4	28.4	68.4



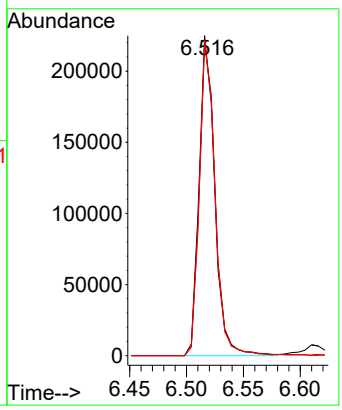


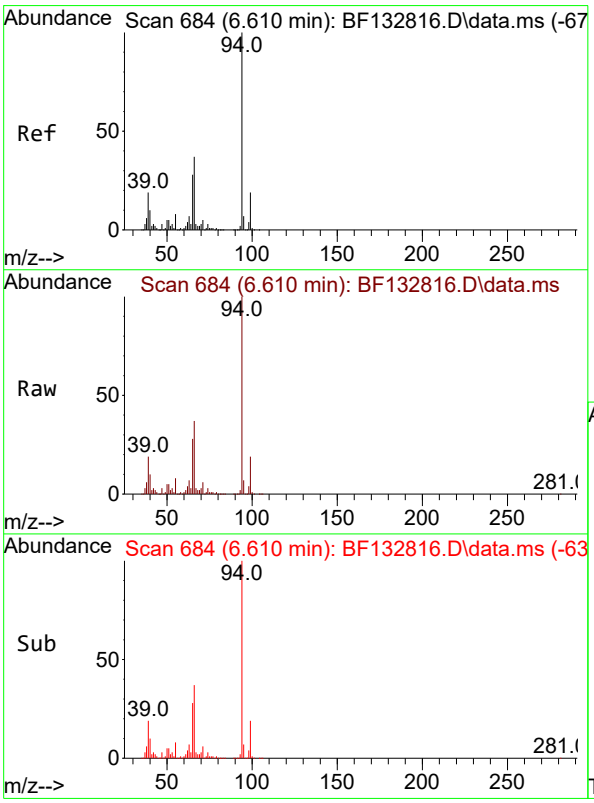
#9
Benzaldehyde
Concen: 23.246 ng
RT: 6.516 min Scan# 6
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 214736

Ion	Ratio	Lower	Upper
77	100		
105	97.5	77.5	117.5
106	98.5	78.5	118.5

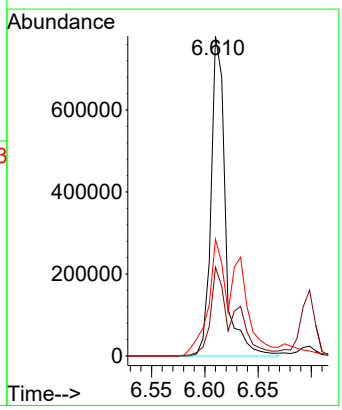


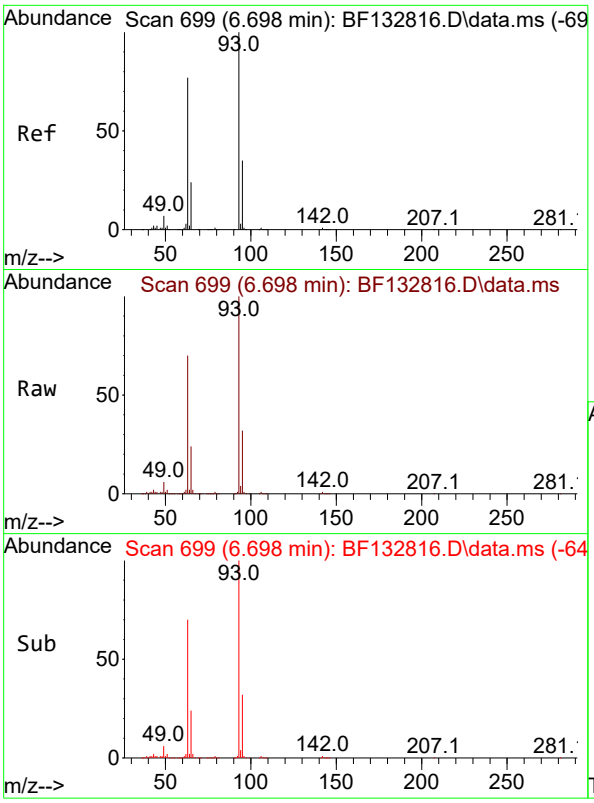


#10
Phenol
Concen: 37.115 ng
RT: 6.610 min Scan# 684
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 94 Resp: 728452

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.7	47.7
66	36.5	16.5	56.5



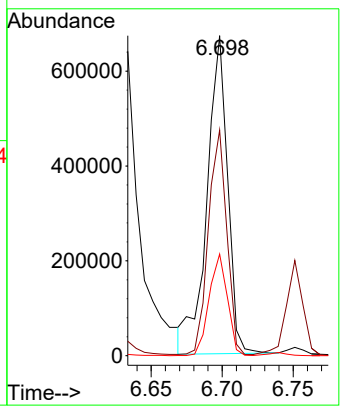


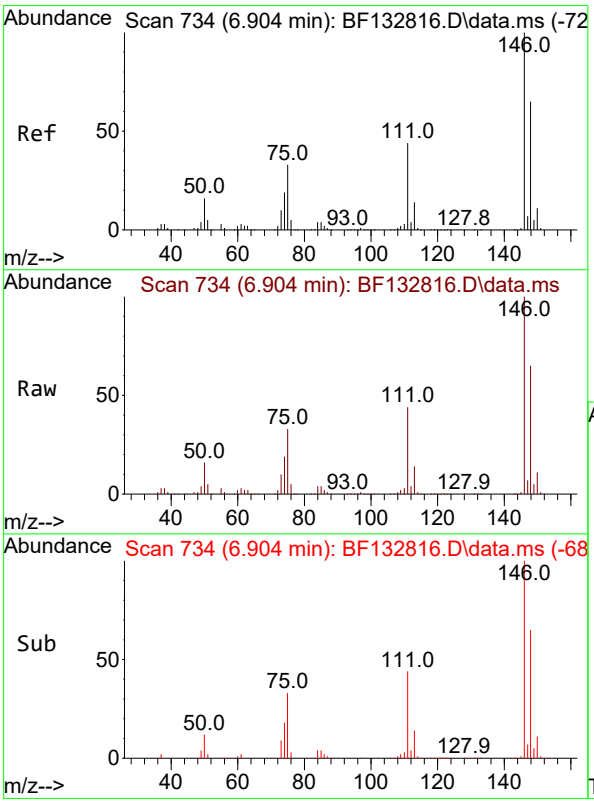
#11
bis(2-Chloroethyl)ether
Concen: 44.673 ng
RT: 6.698 min Scan# 6
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 676859

Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.5	90.5
95	31.8	11.8	51.8

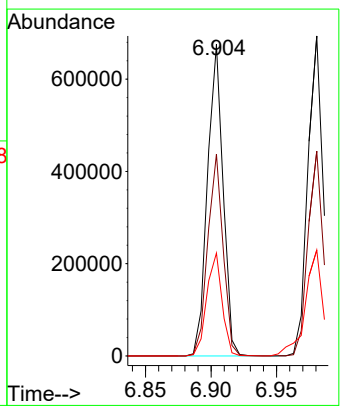


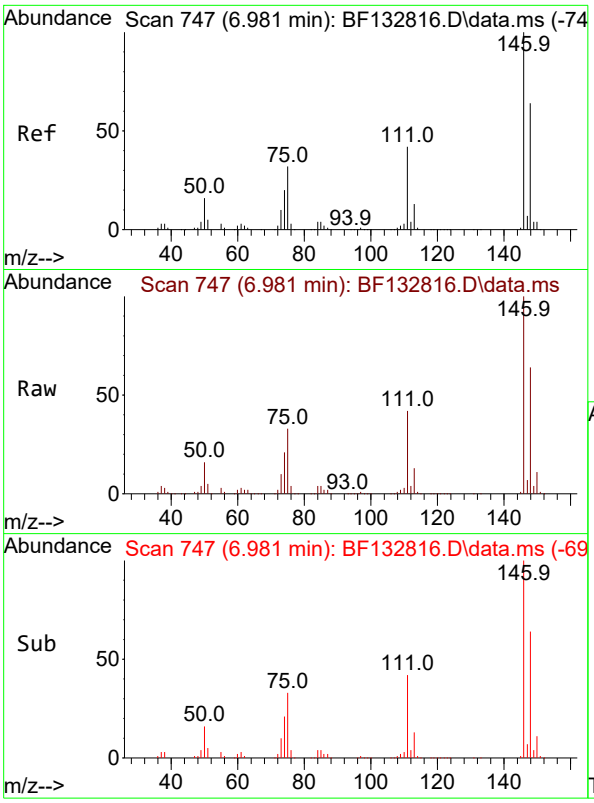


#12
1,3-Dichlorobenzene
Concen: 38.379 ng
RT: 6.904 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:146 Resp: 560707

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	33.0	26.4	39.6



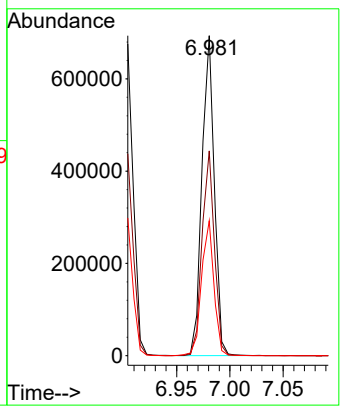


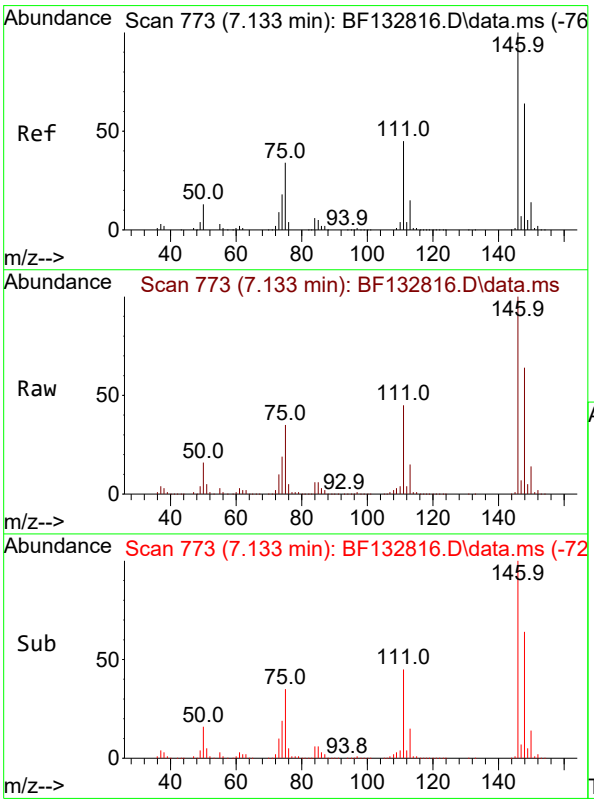
#13
1,4-Dichlorobenzene
Concen: 38.524 ng
RT: 6.981 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 561992

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	42.2	33.8	50.6

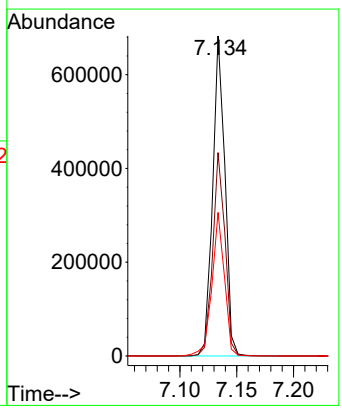


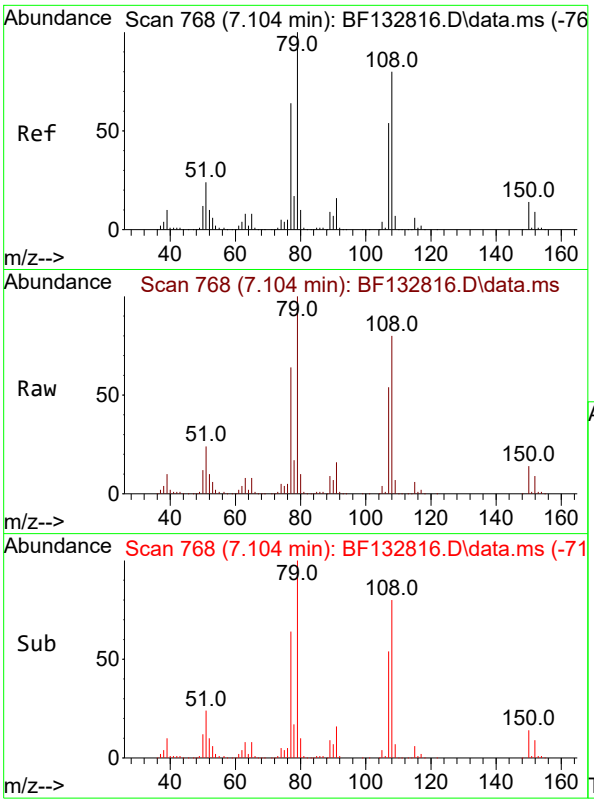


#14
1,2-Dichlorobenzene
Concen: 36.378 ng
RT: 7.133 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:146 Resp: 509303

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	44.8	35.8	53.8



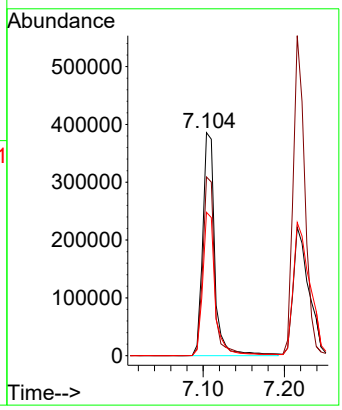


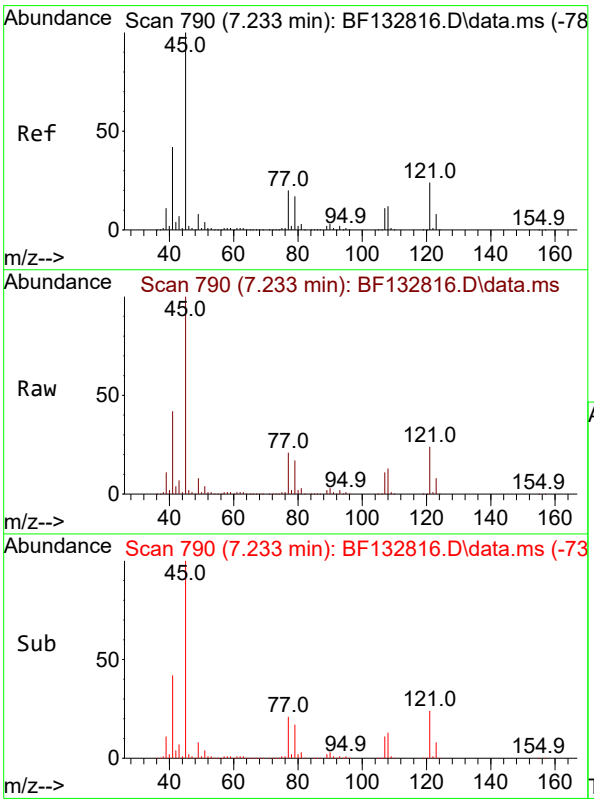
#15
Benzyl Alcohol
Concen: 30.205 ng
RT: 7.104 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 398233

Ion	Ratio	Lower	Upper
79	100		
108	80.2	64.2	96.2
77	64.3	51.4	77.2

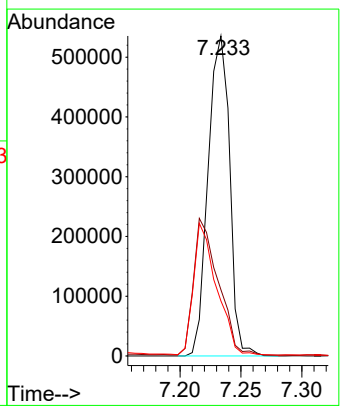


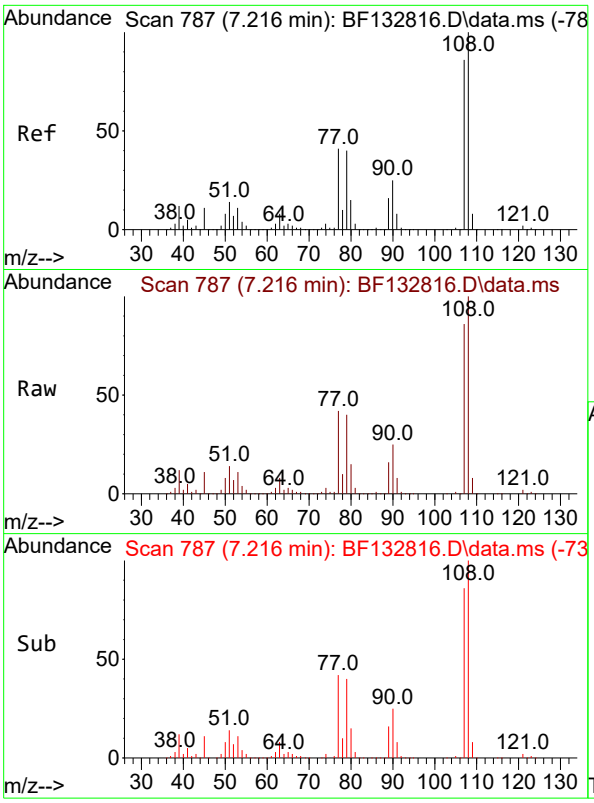


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.161 ng
RT: 7.233 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 45 Resp: 660043

Ion	Ratio	Lower	Upper
45	100		
77	20.7	0.7	40.7
79	17.2	0.0	37.2



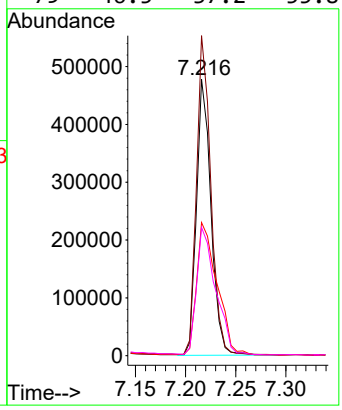


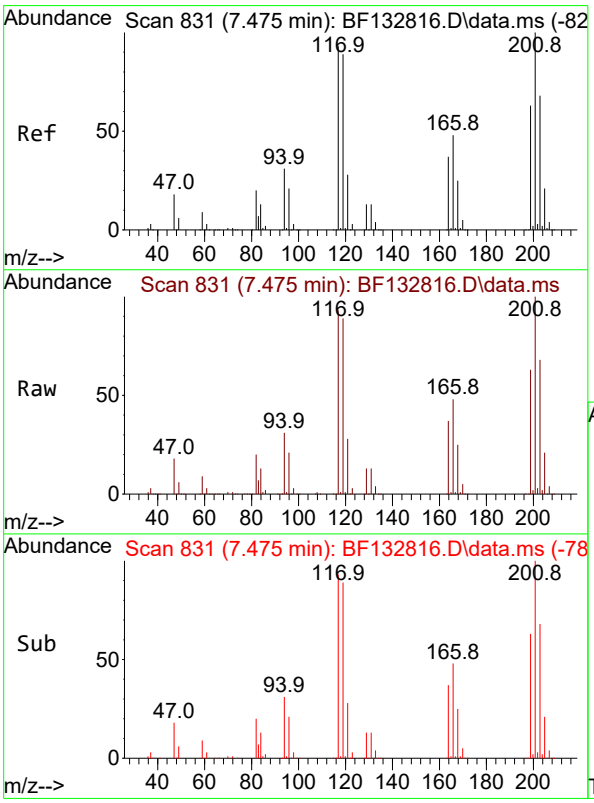
#17
2-Methylphenol
Concen: 37.886 ng
RT: 7.216 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 481376

Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.6	139.0
77	48.2	38.6	57.8
79	46.5	37.2	55.8

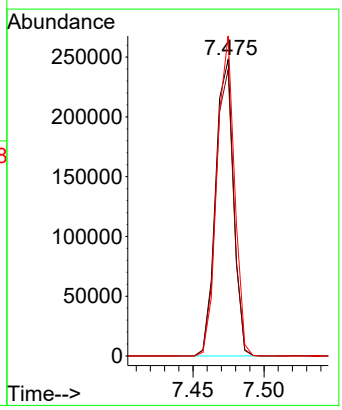


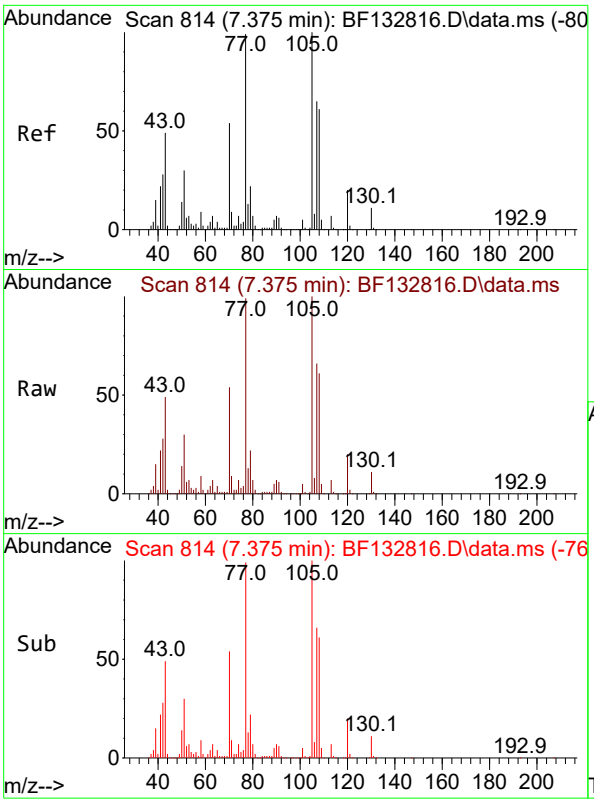


#18
Hexachloroethane
Concen: 38.169 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:117 Resp: 217536

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
201	108.0	86.4	129.6



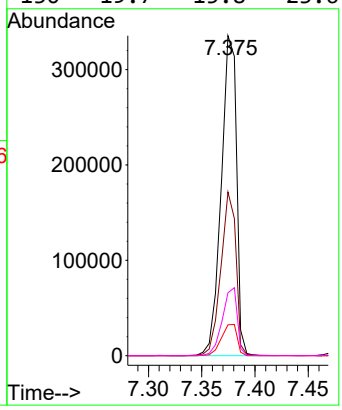


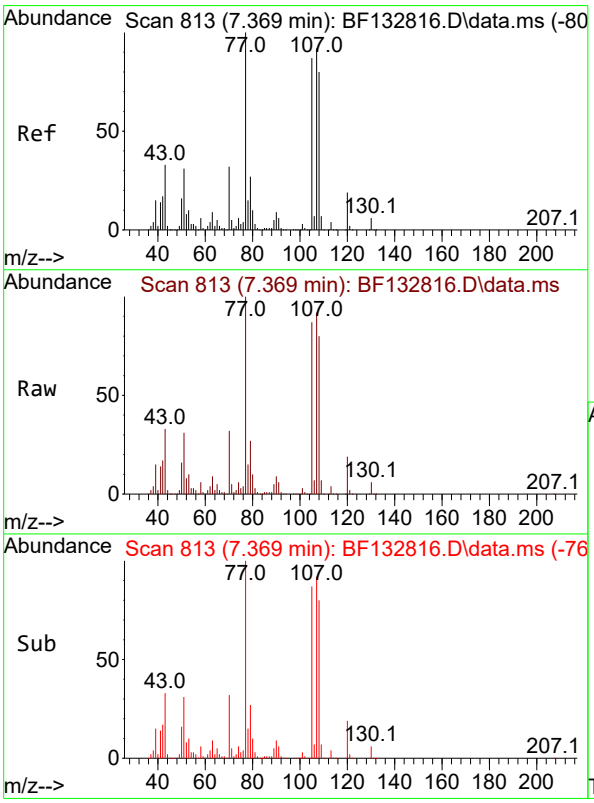
#19
n-Nitroso-di-n-propylamine
Concen: 31.822 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 335271

Ion	Ratio	Lower	Upper
70	100		
42	51.1	40.9	61.3
101	9.7	7.8	11.6
130	19.7	15.8	23.6

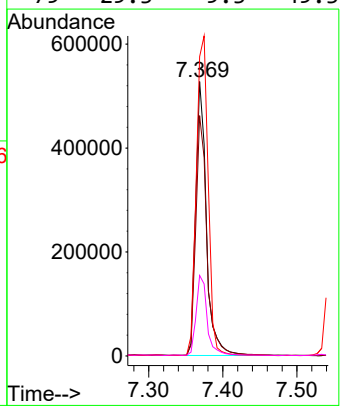


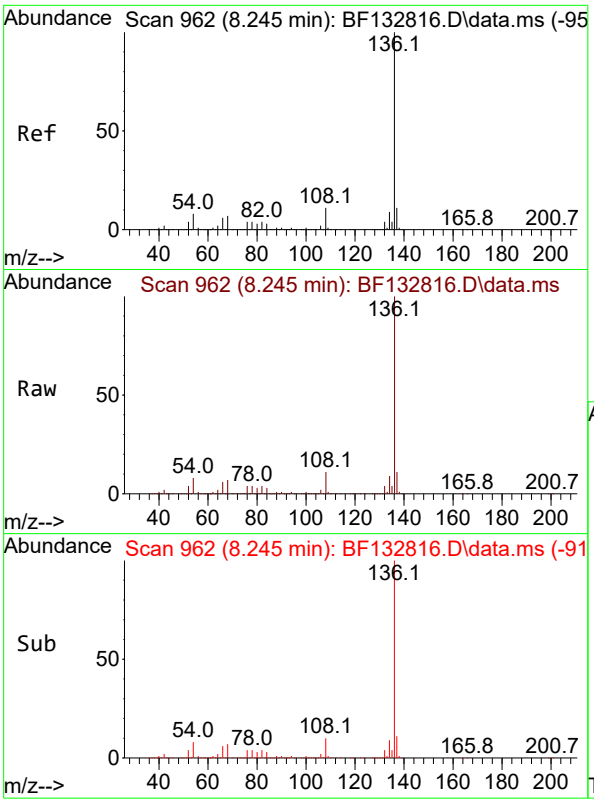


#20
3+4-Methylphenols
Concen: 32.072 ng
RT: 7.369 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:107 Resp: 526469

Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.6	107.6
77	109.1	89.1	129.1
79	29.3	9.3	49.3



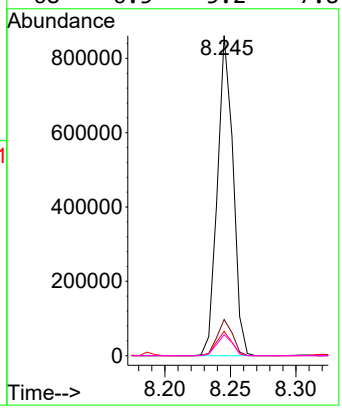


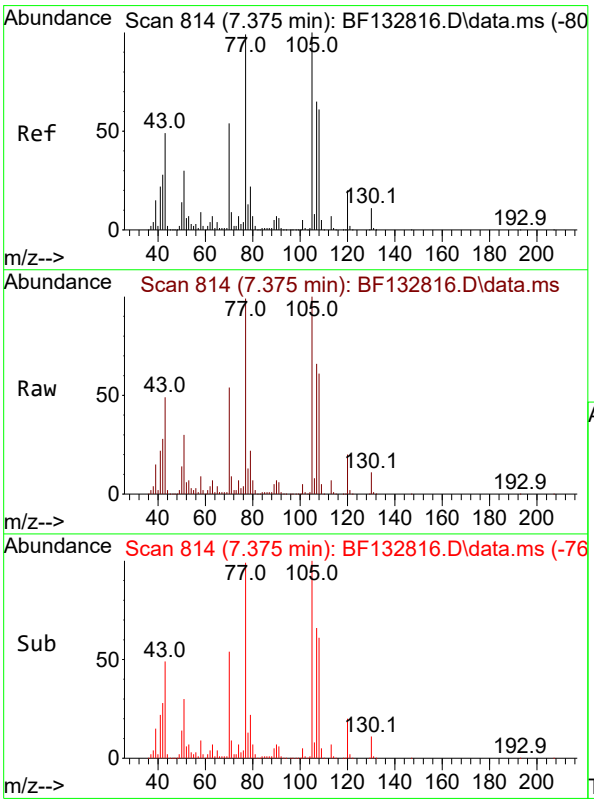
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 712855

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.6	6.1	9.1
68	6.5	5.2	7.8

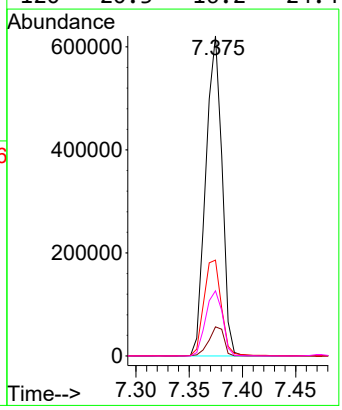


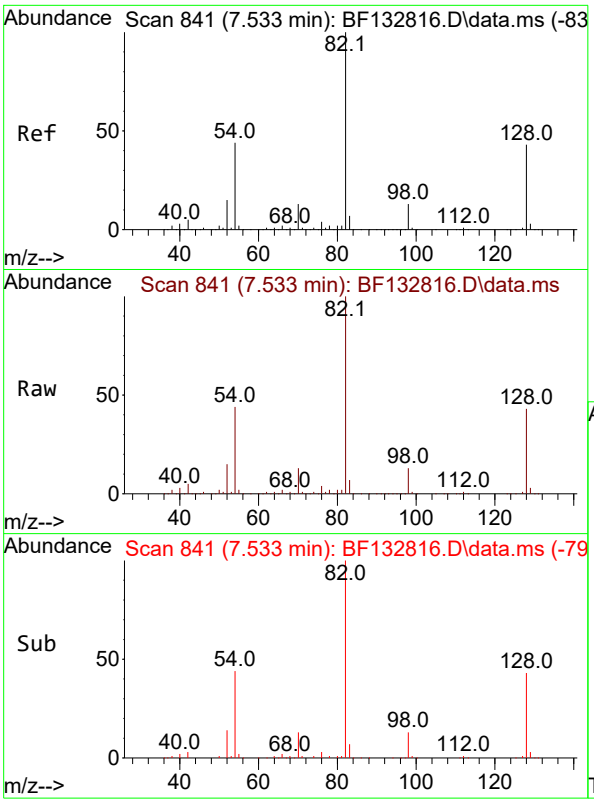


#22
Acetophenone
Concen: 36.697 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:105 Resp: 659629

Ion	Ratio	Lower	Upper
105	100		
71	9.1	7.3	10.9
51	29.9	23.9	35.9
120	20.3	16.2	24.4



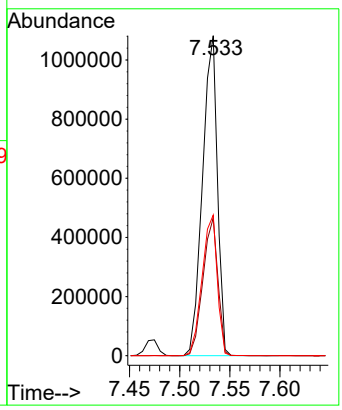


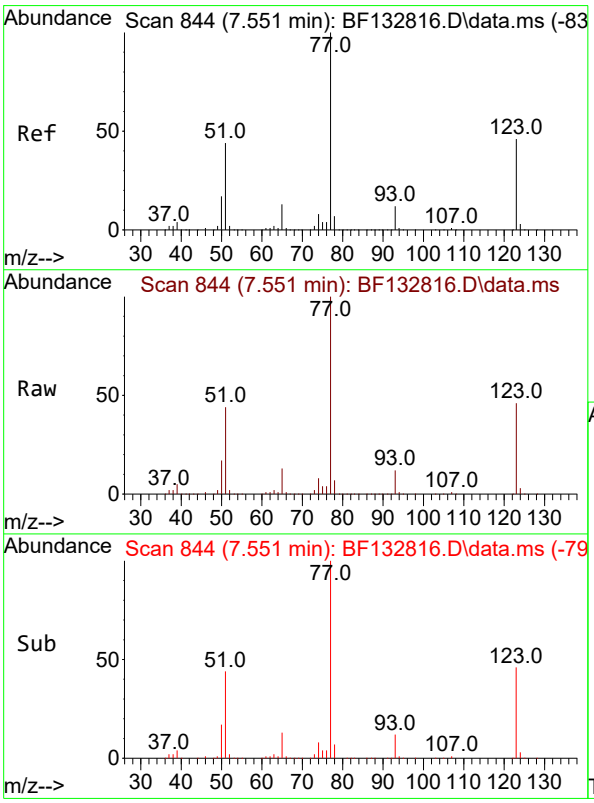
#23
Nitrobenzene-d5
Concen: 74.743 ng
RT: 7.533 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1123026

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.4	51.6
54	44.0	35.2	52.8

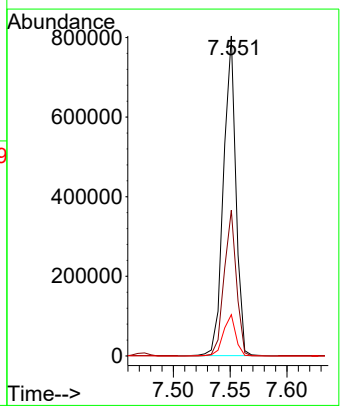


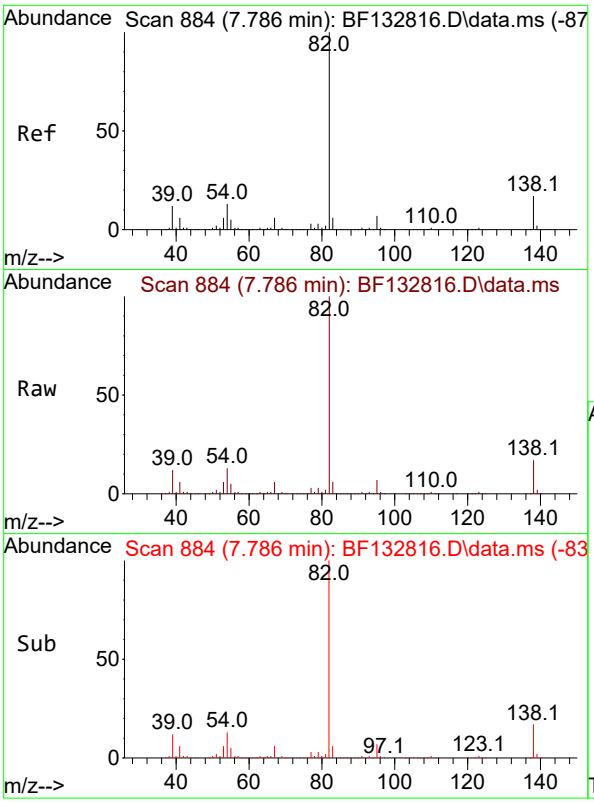


#24
Nitrobenzene
Concen: 38.143 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 77 Resp: 612919

Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.4	54.6
65	12.9	10.3	15.5



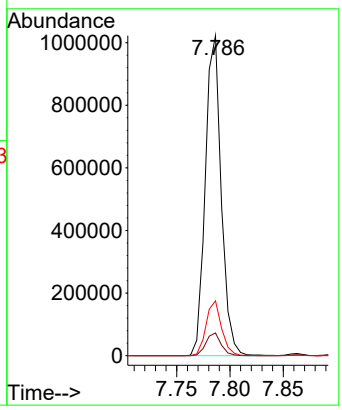


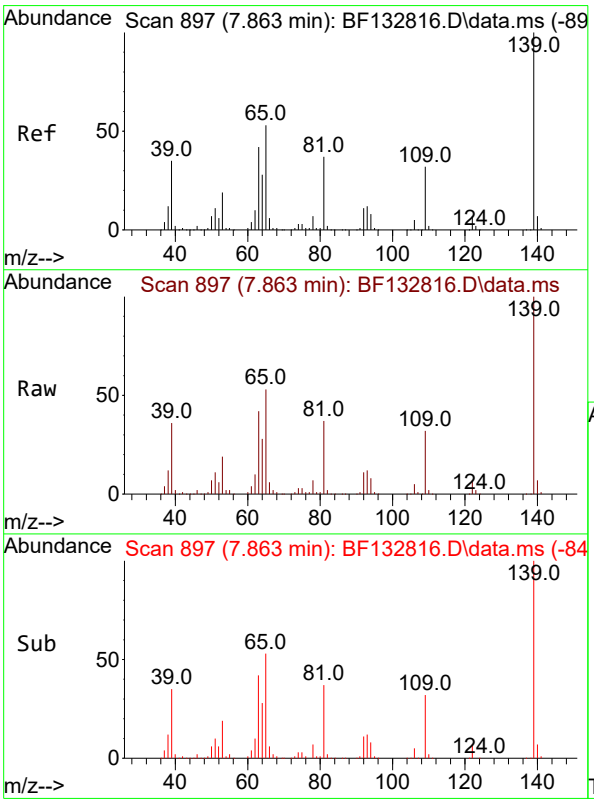
#25
Isophorone
Concen: 37.031 ng
RT: 7.786 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1066736

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	17.1	13.7	20.5

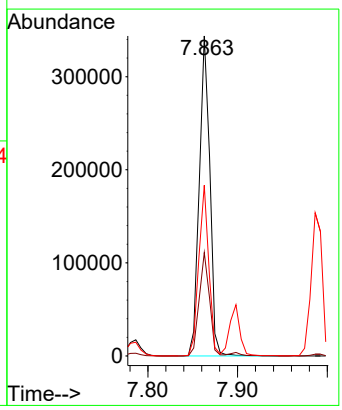


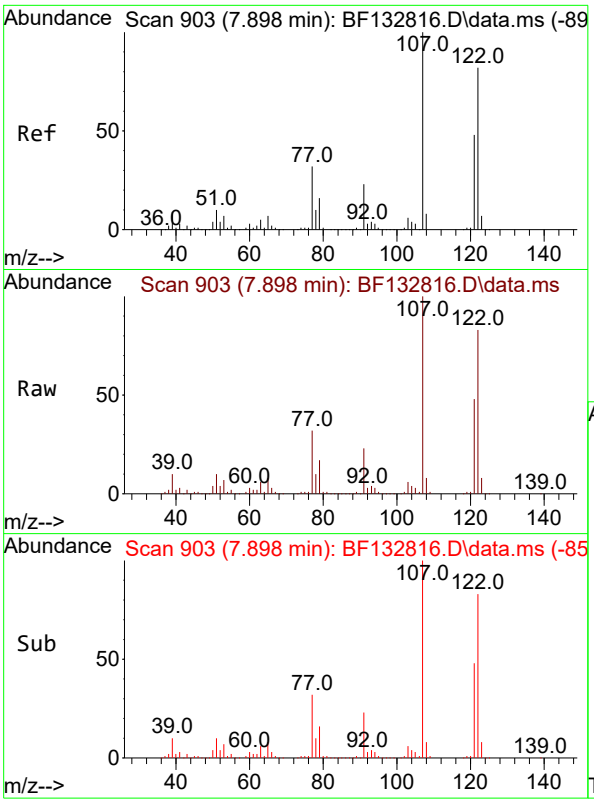


#26
2-Nitrophenol
Concen: 39.605 ng
RT: 7.863 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:139 Resp: 280799

Ion	Ratio	Lower	Upper
139	100		
109	32.3	25.8	38.8
65	53.4	42.7	64.1



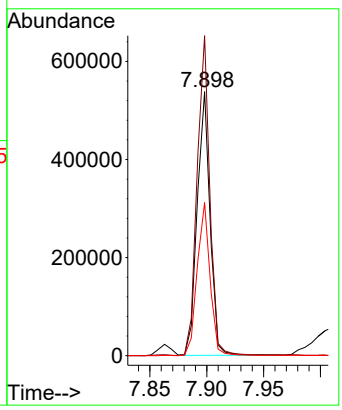


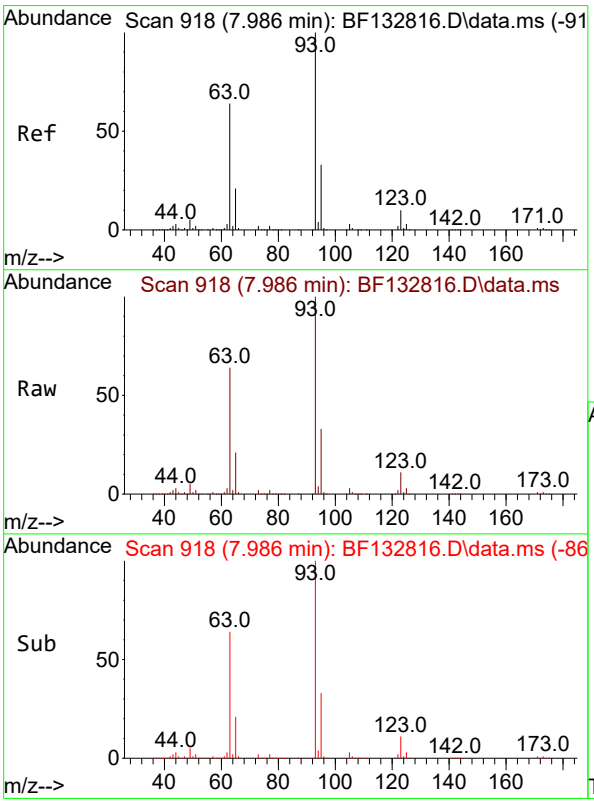
#27
2,4-Dimethylphenol
Concen: 37.774 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 422691

Ion	Ratio	Lower	Upper
122	100		
107	121.2	97.0	145.4
121	58.0	46.4	69.6

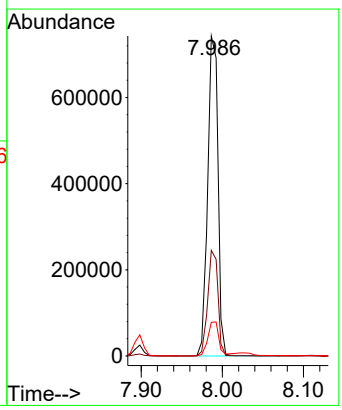


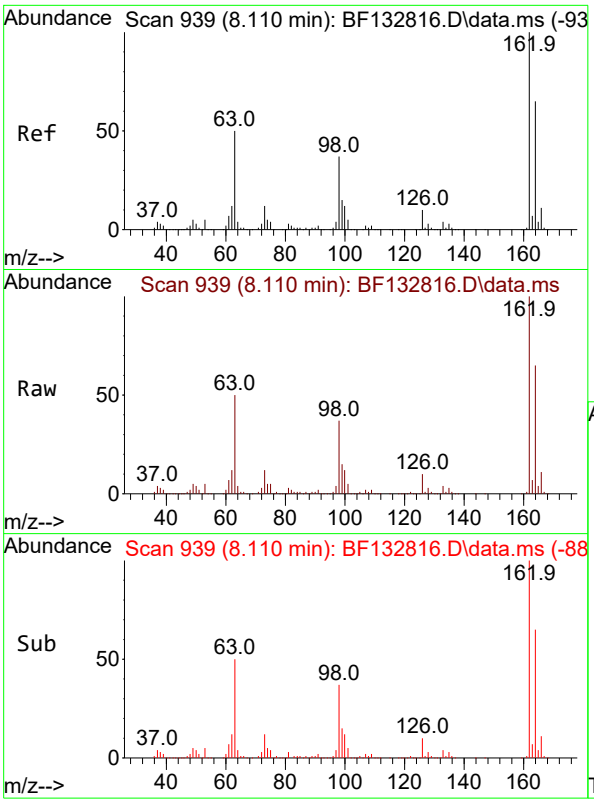


#28
bis(2-Chloroethoxy)methane
Concen: 38.731 ng
RT: 7.986 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 93 Resp: 652680

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	10.5	8.4	12.6



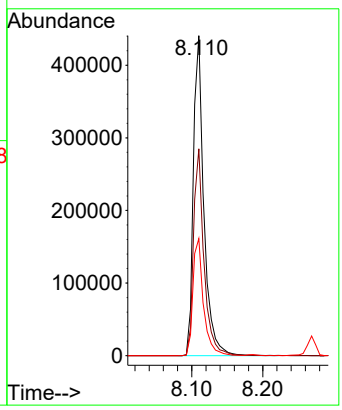


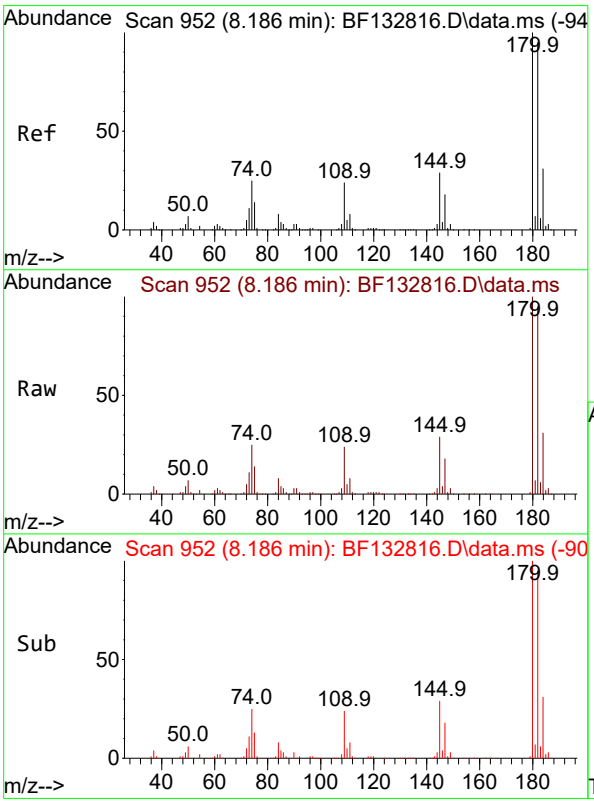
#29
2,4-Dichlorophenol
Concen: 40.836 ng
RT: 8.110 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 454552

Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	36.6	16.6	56.6

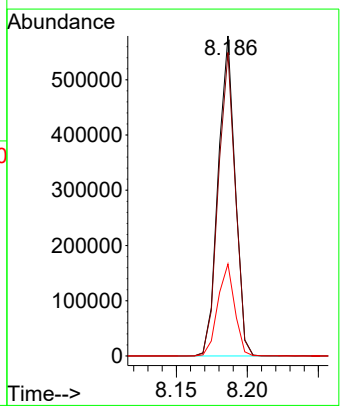


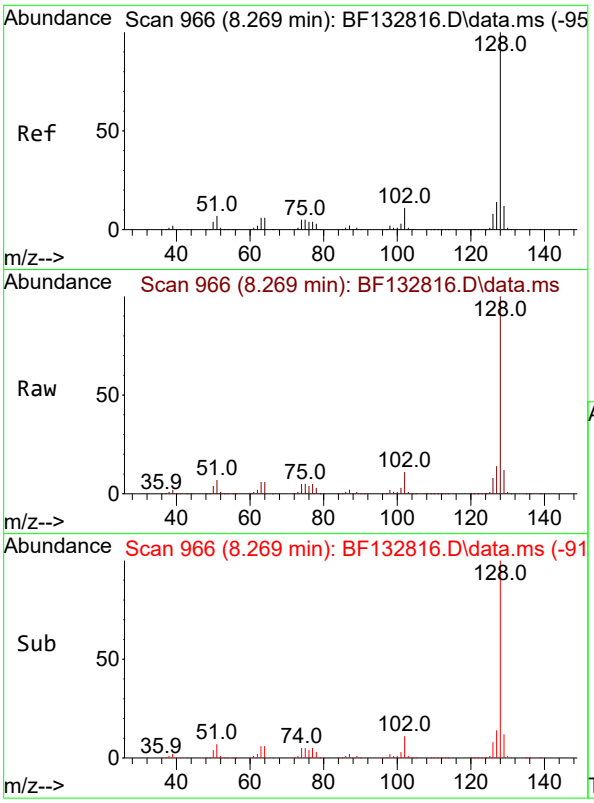


#30
1,2,4-Trichlorobenzene
Concen: 39.687 ng
RT: 8.186 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:180 Resp: 479692

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	28.7	23.0	34.4



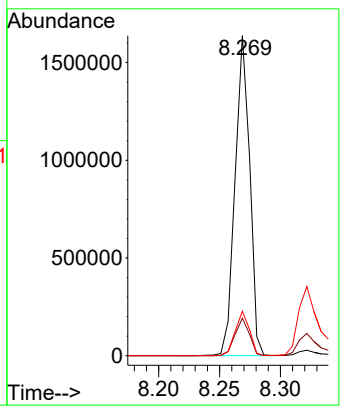


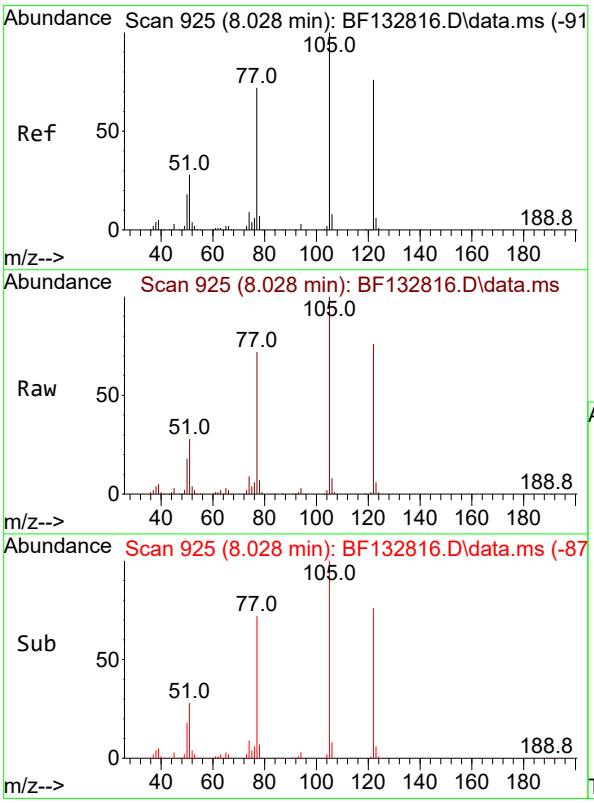
#31
Naphthalene
Concen: 37.449 ng
RT: 8.269 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1366657

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.9	11.1	16.7

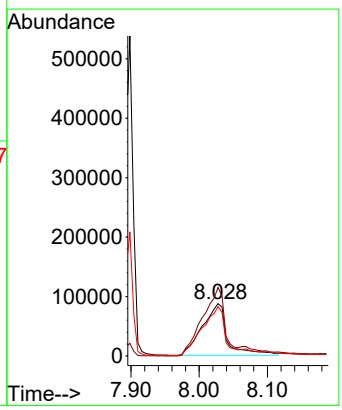


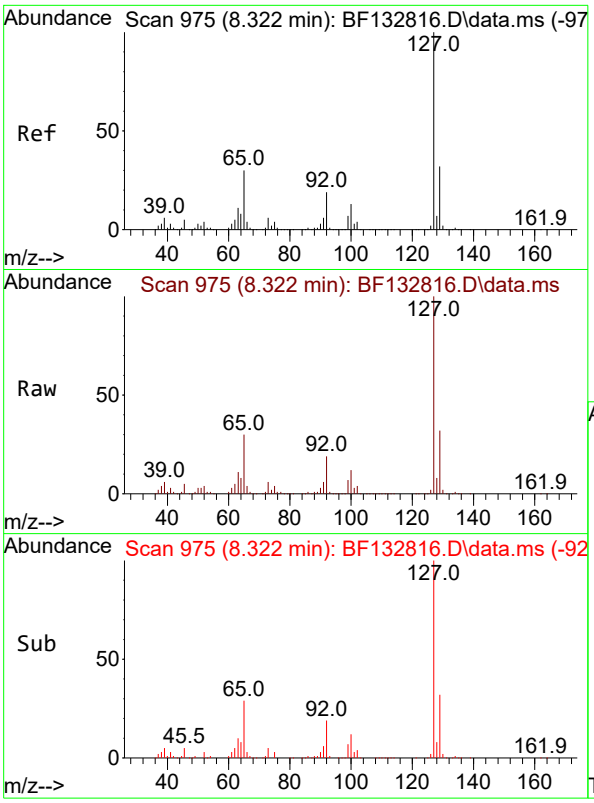


#32
Benzoic acid
Concen: 27.589 ng
RT: 8.028 min Scan# 925
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:122 Resp: 223454

Ion	Ratio	Lower	Upper
122	100		
105	130.8	110.8	150.8
77	94.2	74.2	114.2



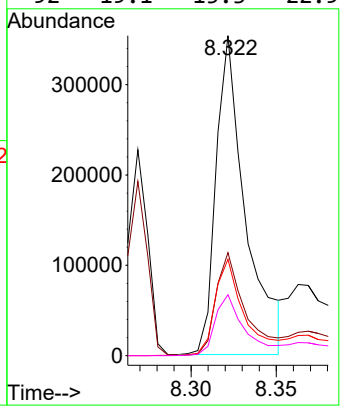


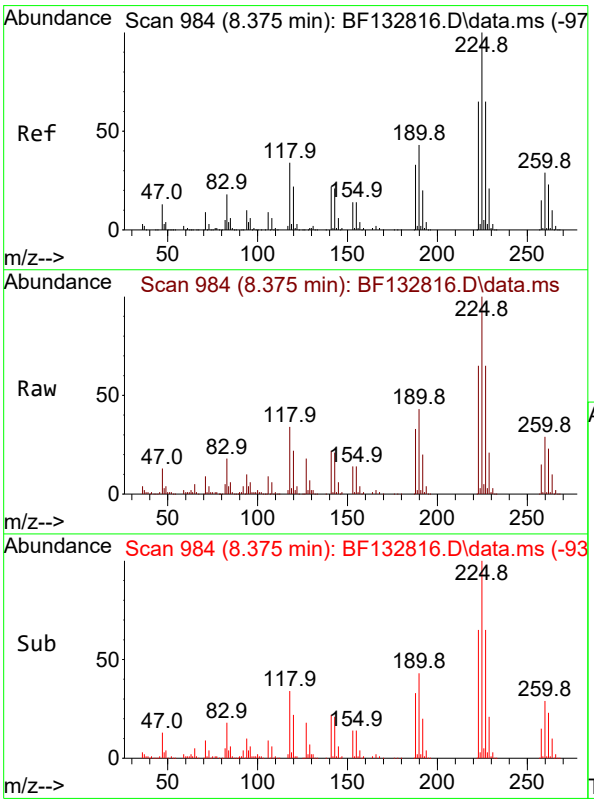
#33
4-Chloroaniline
Concen: 27.185 ng
RT: 8.322 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 425126

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	30.1	24.1	36.1
92	19.1	15.3	22.9

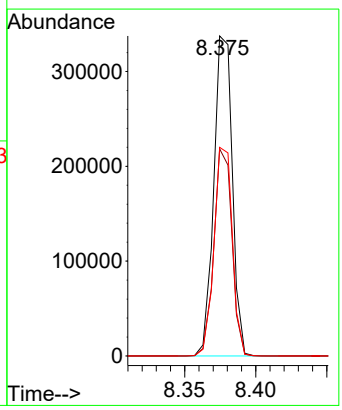


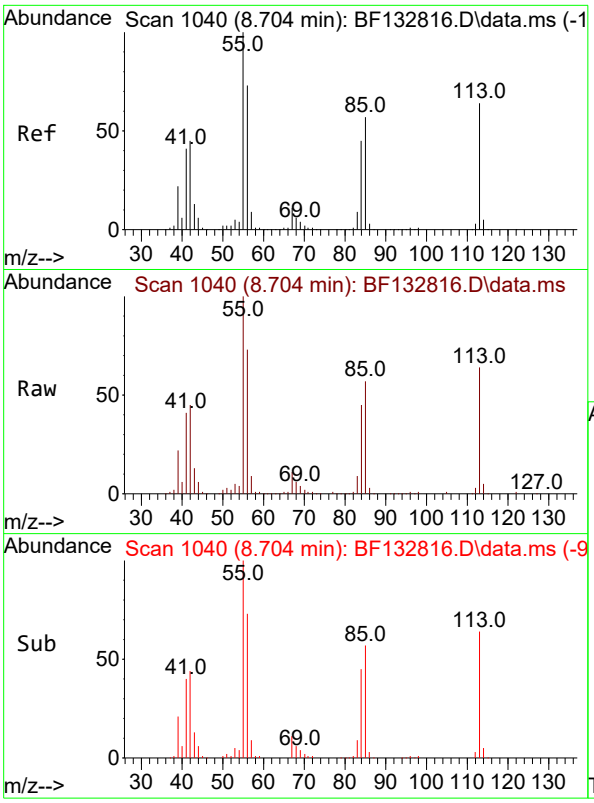


#34
Hexachlorobutadiene
Concen: 39.823 ng
RT: 8.375 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:225 Resp: 305871

Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.8	77.6
227	65.2	52.2	78.2



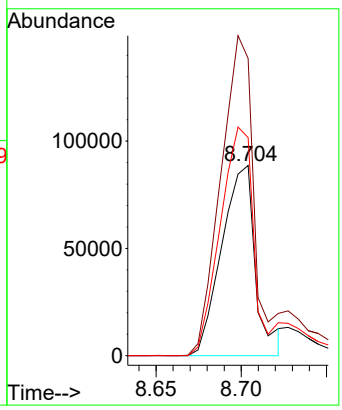


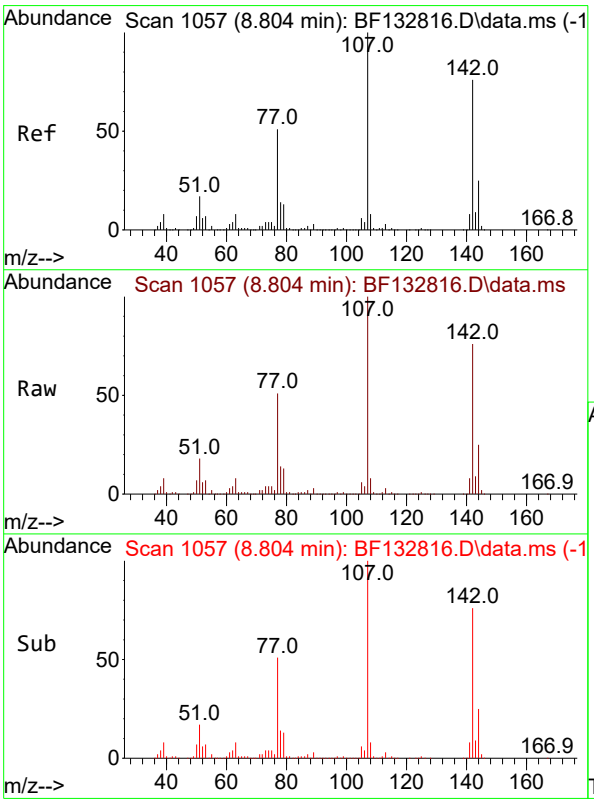
#35
Caprolactam
Concen: 33.281 ng
RT: 8.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 122132

Ion	Ratio	Lower	Upper
113	100		
55	156.3	136.3	176.3
56	114.7	94.7	134.7

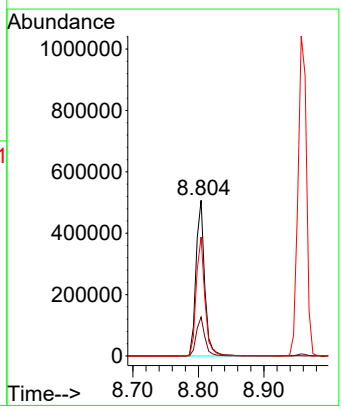


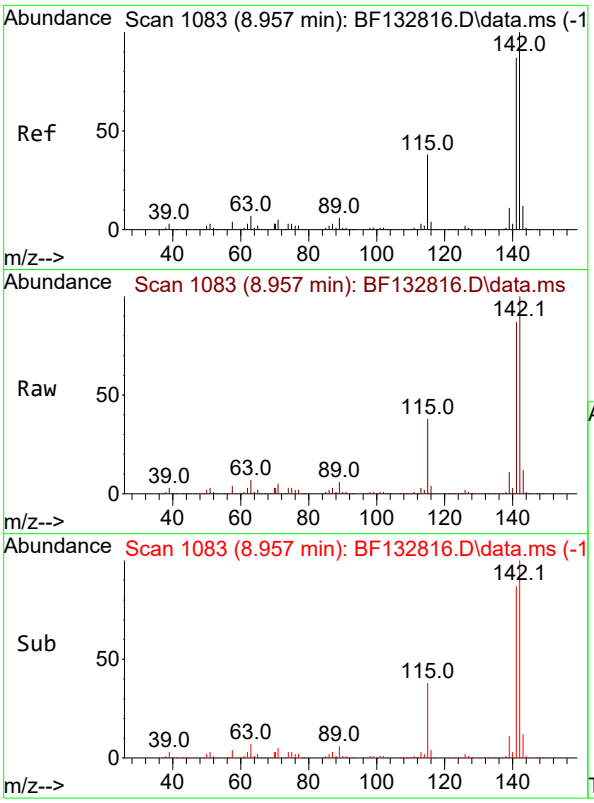


#36
4-Chloro-3-methylphenol
Concen: 38.346 ng
RT: 8.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:107 Resp: 468754

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	76.4	61.1	91.7



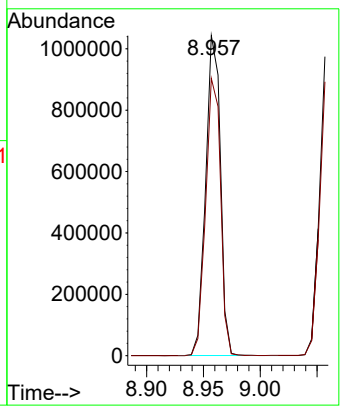


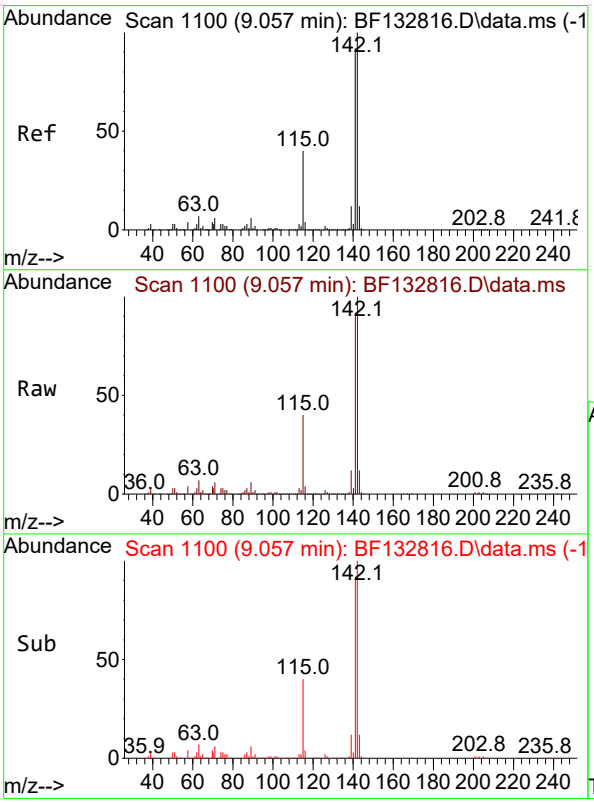
#37
2-Methylnaphthalene
Concen: 37.656 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 936504

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.3	103.9

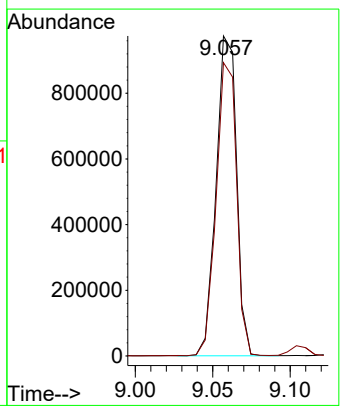


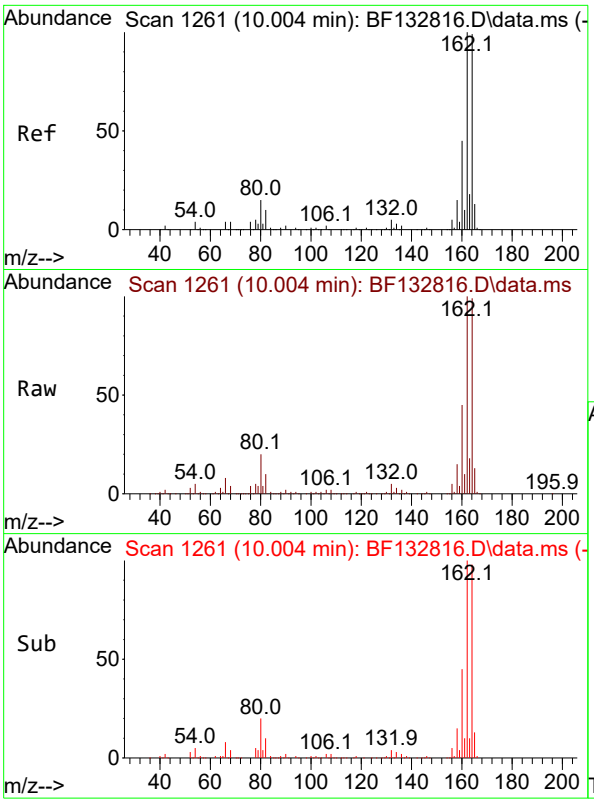


#38
1-Methylnaphthalene
Concen: 38.450 ng
RT: 9.057 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:142 Resp: 893658

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9



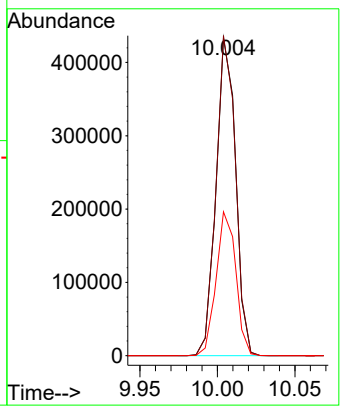


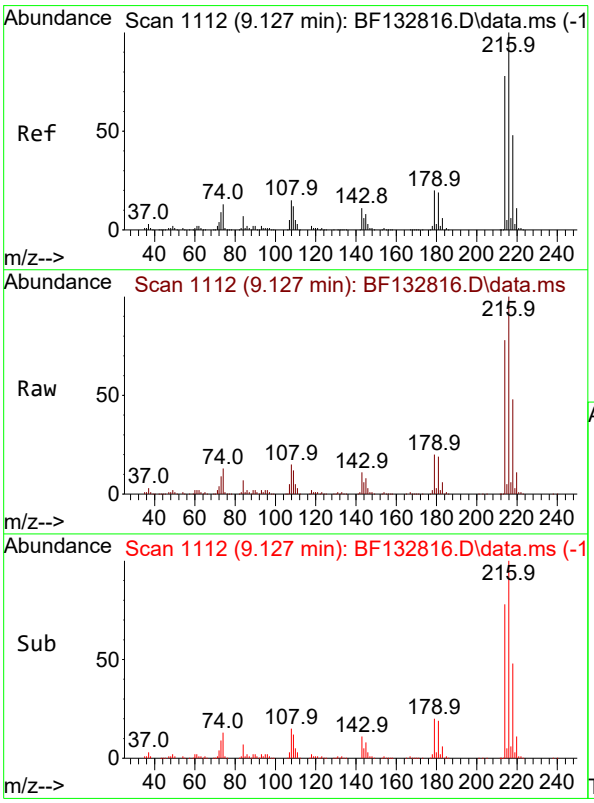
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 380135

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.3	36.2	54.4

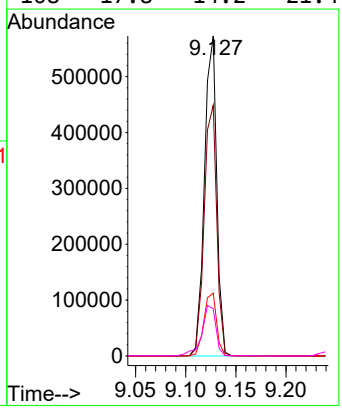


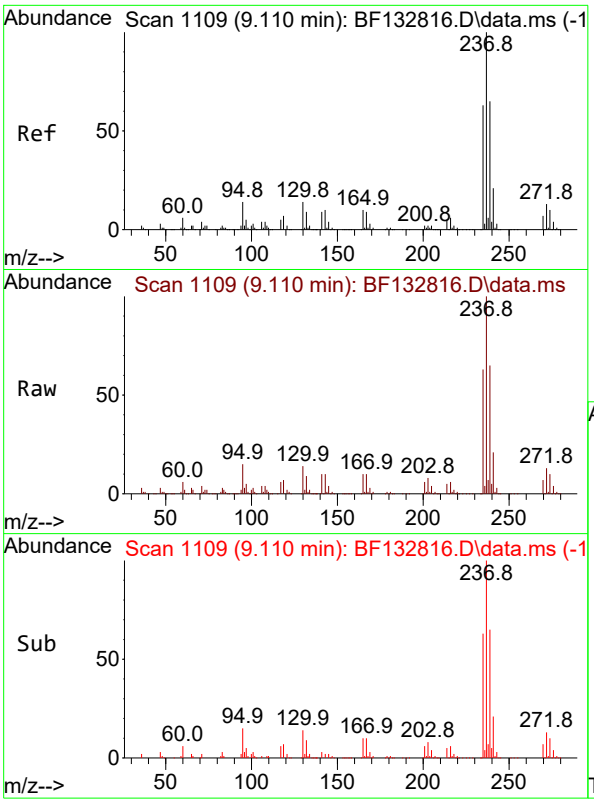


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.435 ng
RT: 9.127 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:216 Resp: 490453

Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.3	96.5
179	20.3	16.2	24.4
108	17.8	14.2	21.4



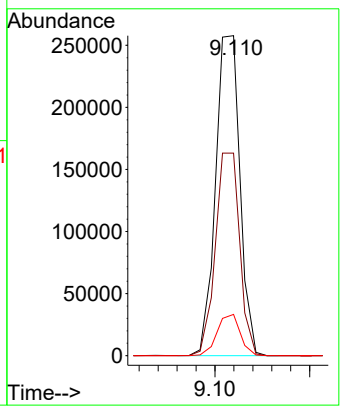


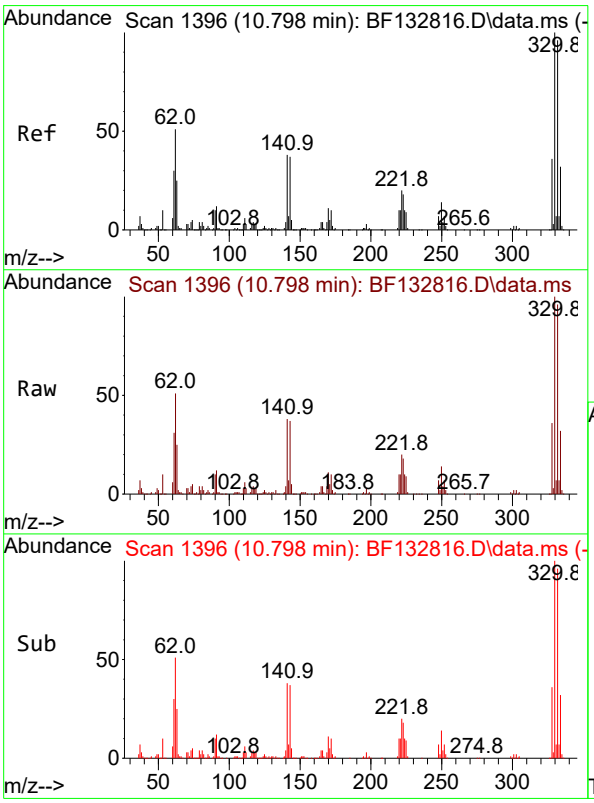
#41
Hexachlorocyclopentadiene
Concen: 34.189 ng
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 230634

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.3	83.3
272	12.9	0.0	32.9

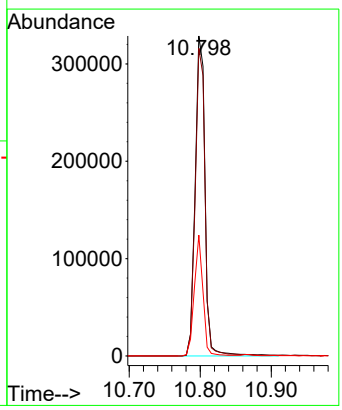


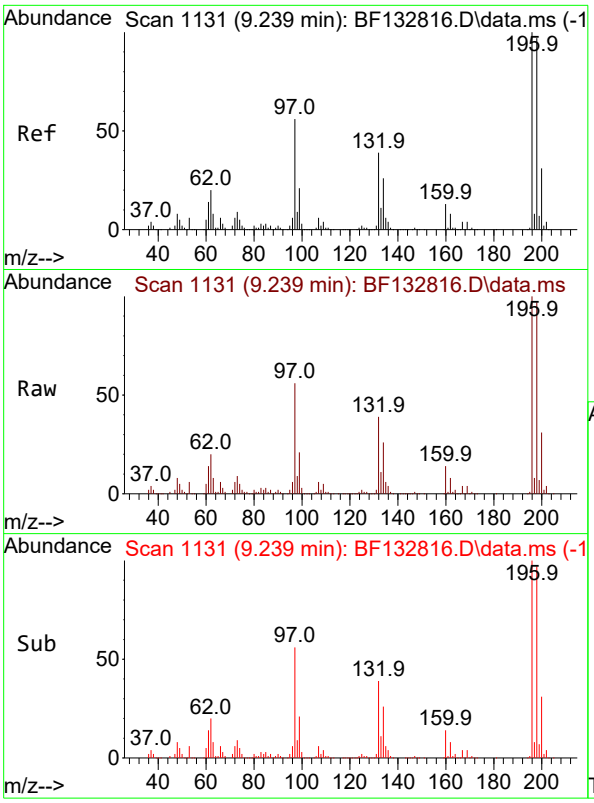


#42
2,4,6-Tribromophenol
Concen: 77.417 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:330 Resp: 317820

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.4	26.7	40.1



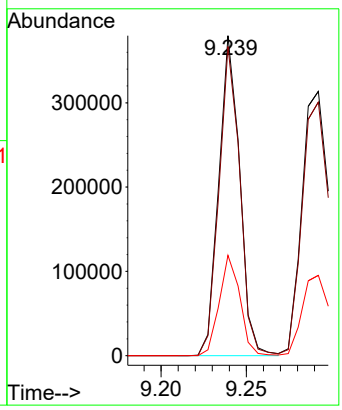


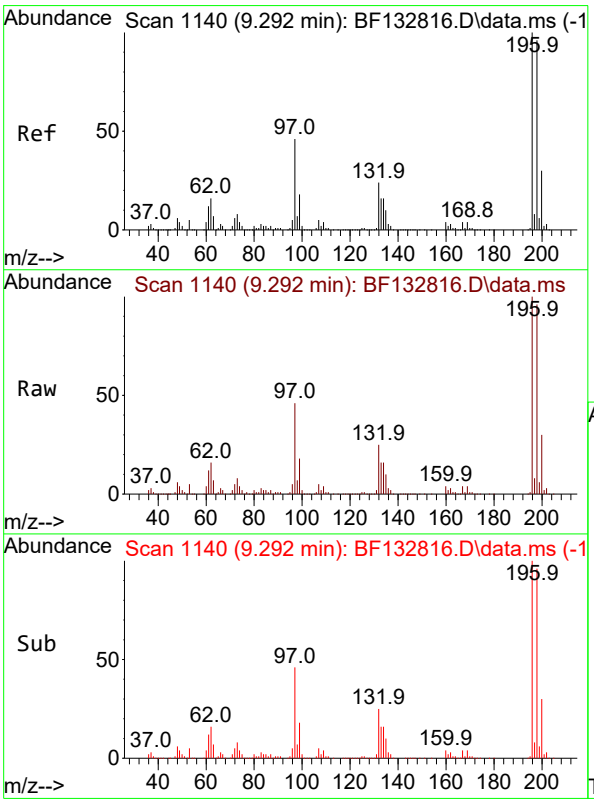
#43
2,4,6-Trichlorophenol
Concen: 38.490 ng
RT: 9.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 324413

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
200	31.3	25.0	37.6

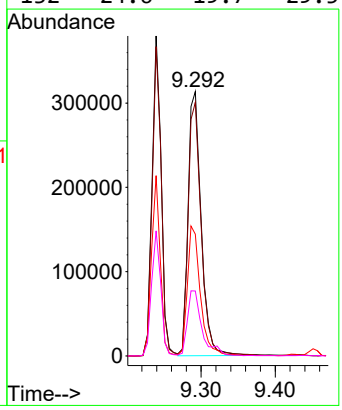


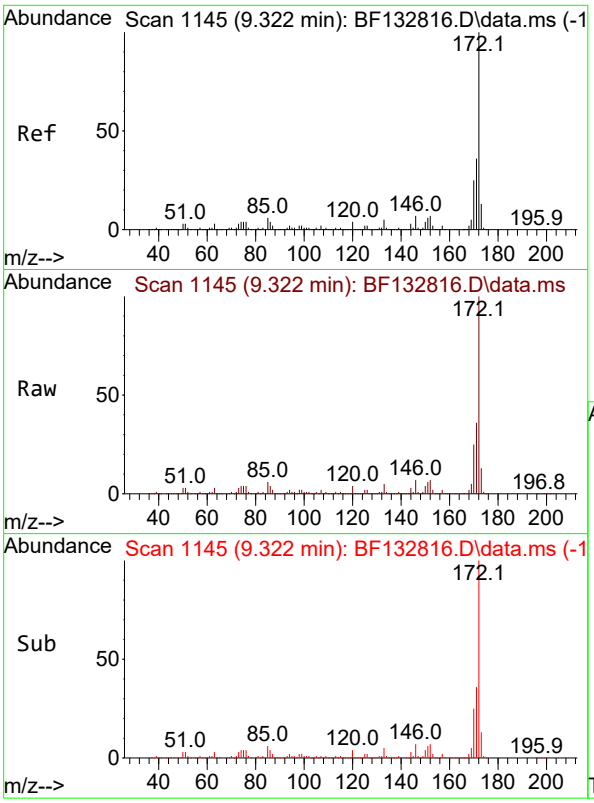


#44
2,4,5-Trichlorophenol
Concen: 39.158 ng
RT: 9.292 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:196 Resp: 385205

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.8	115.2
97	46.1	36.9	55.3
132	24.6	19.7	29.5



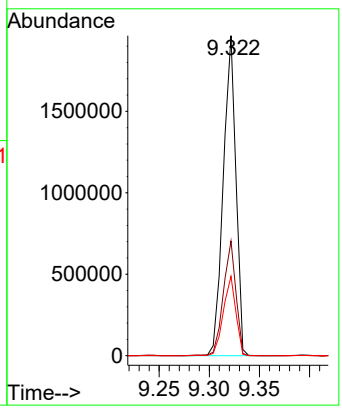


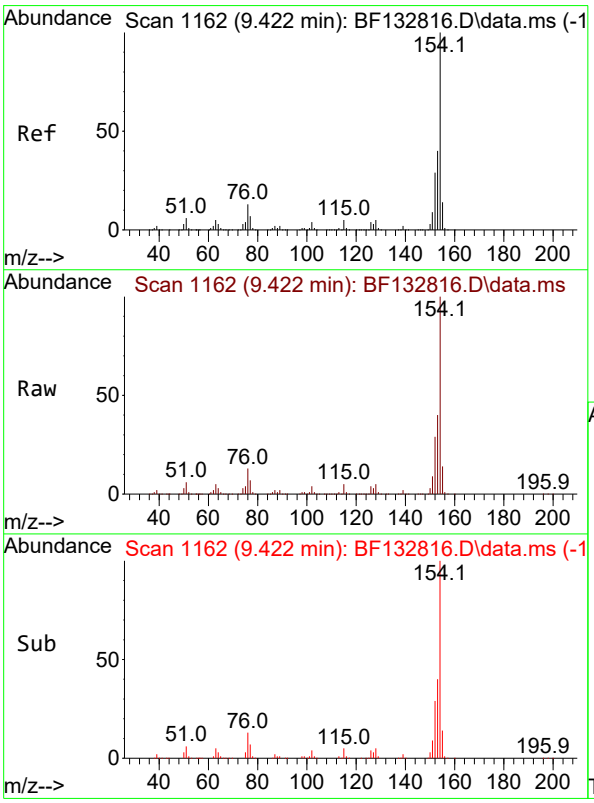
#45
2-Fluorobiphenyl
Concen: 68.740 ng
RT: 9.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1716097

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	24.8	19.8	29.8

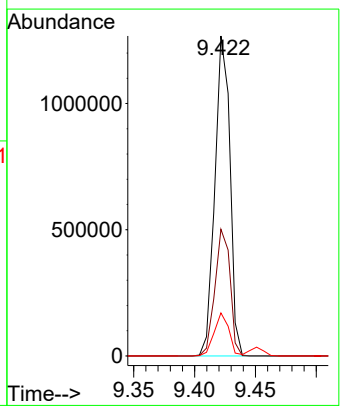


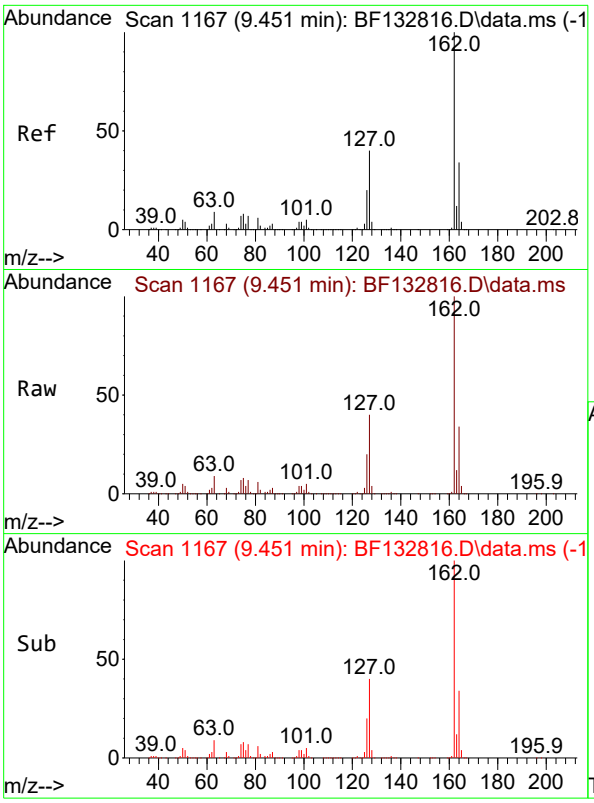


#46
1,1'-Biphenyl
Concen: 37.921 ng
RT: 9.422 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:154 Resp: 1091048

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.6	59.6
76	13.5	0.0	33.5



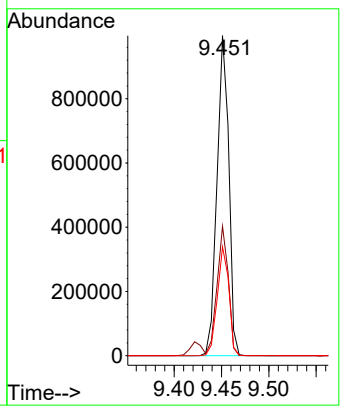


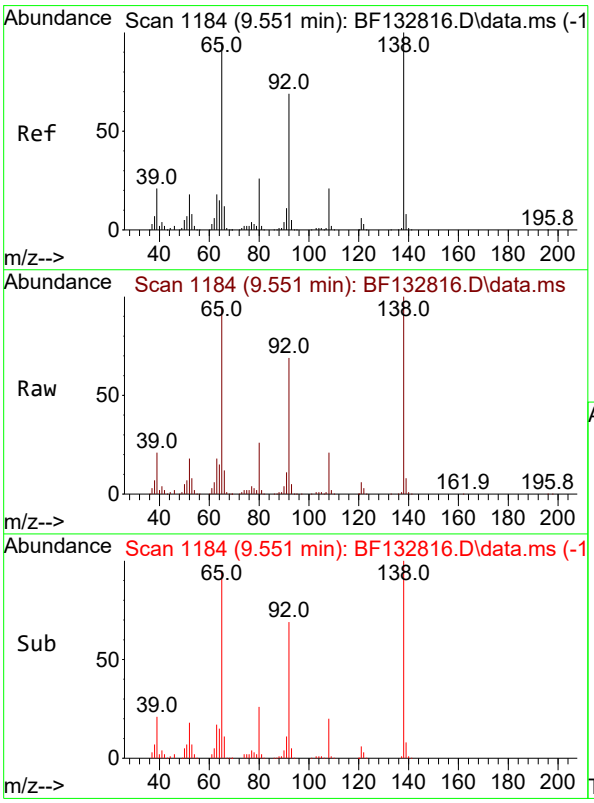
#47
2-Chloronaphthalene
Concen: 37.983 ng
RT: 9.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 866456

Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	34.0	27.2	40.8

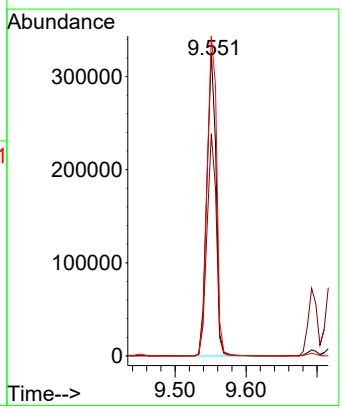


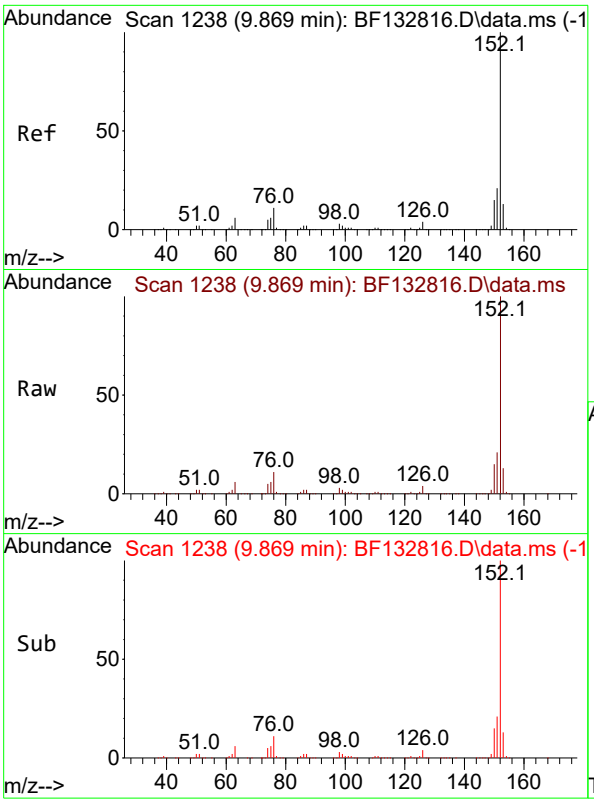


#48
2-Nitroaniline
Concen: 35.160 ng
RT: 9.551 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 65 Resp: 295403

Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.6	88.0
138	105.5	84.4	126.6



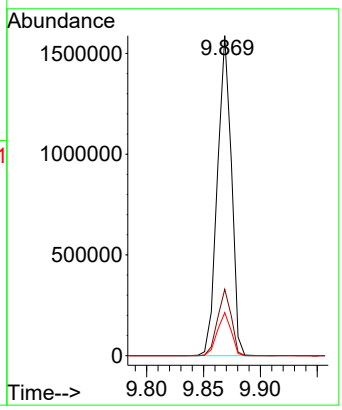


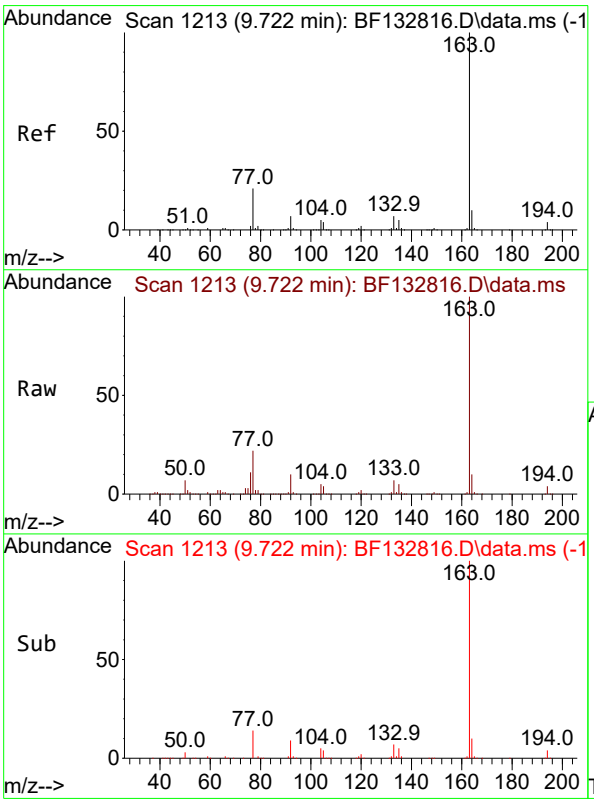
#49
Acenaphthylene
Concen: 37.494 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 1361210

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.5	10.8	16.2

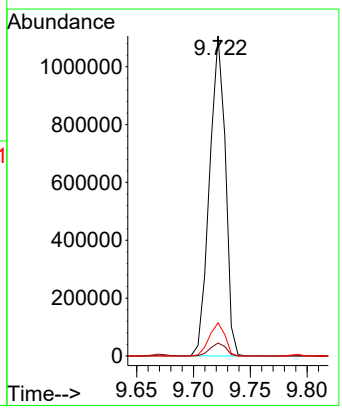


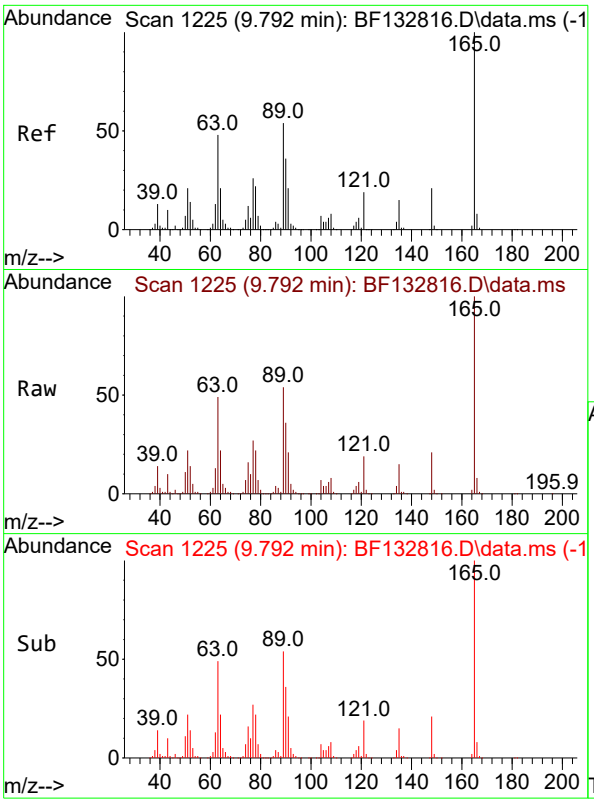


#50
Dimethylphthalate
Concen: 38.755 ng
RT: 9.722 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:163 Resp: 1072672

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	8.3	12.5



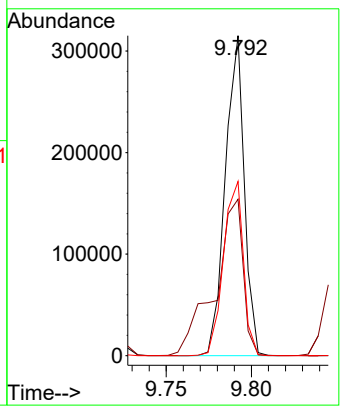


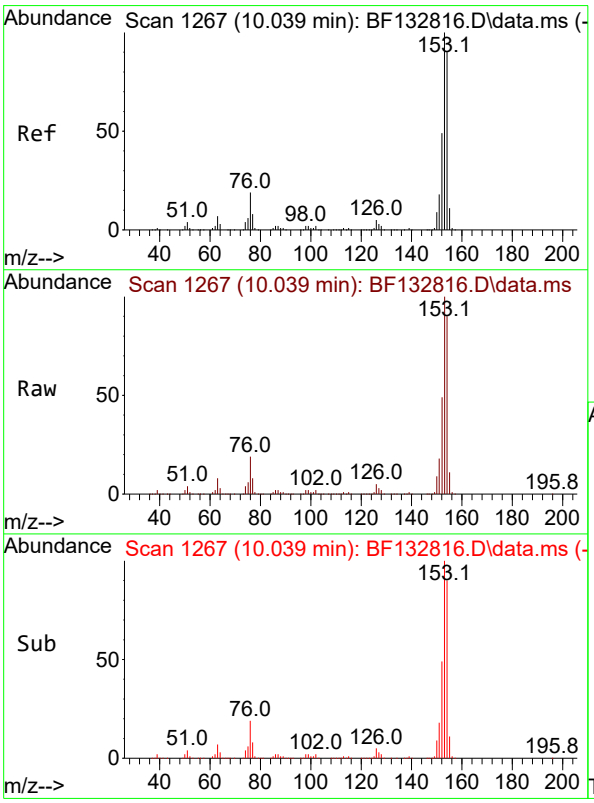
#51
2,6-Dinitrotoluene
Concen: 38.717 ng
RT: 9.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 244056

Ion	Ratio	Lower	Upper
165	100		
63	48.9	39.1	58.7
89	54.4	43.5	65.3

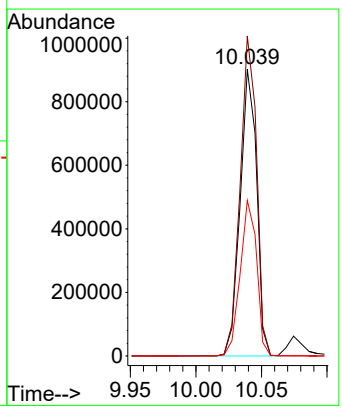


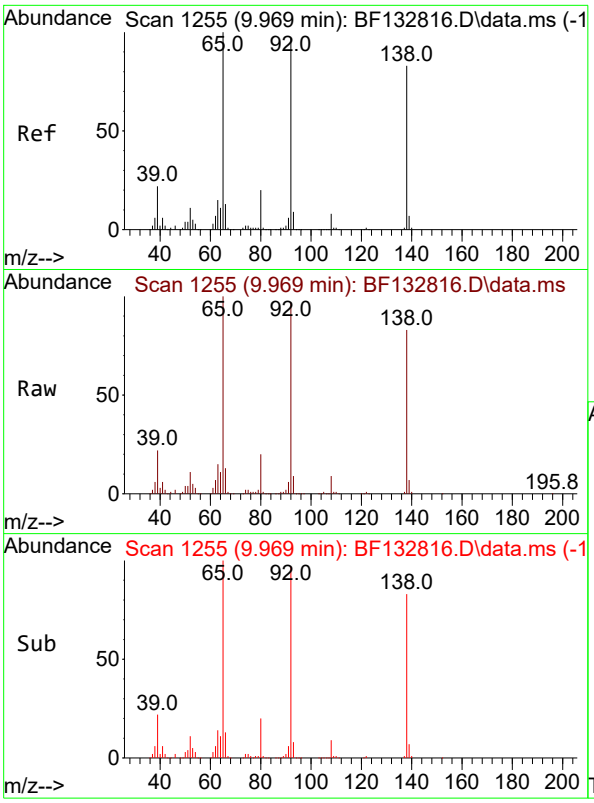


#52
Acenaphthene
Concen: 34.322 ng
RT: 10.039 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:154 Resp: 791227

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.4	134.0
152	54.3	43.4	65.2



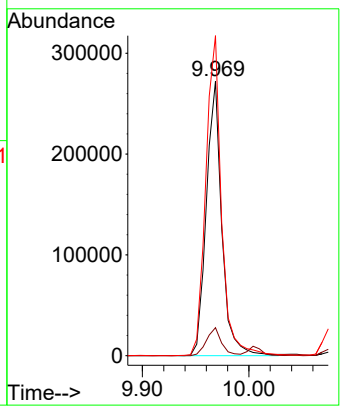


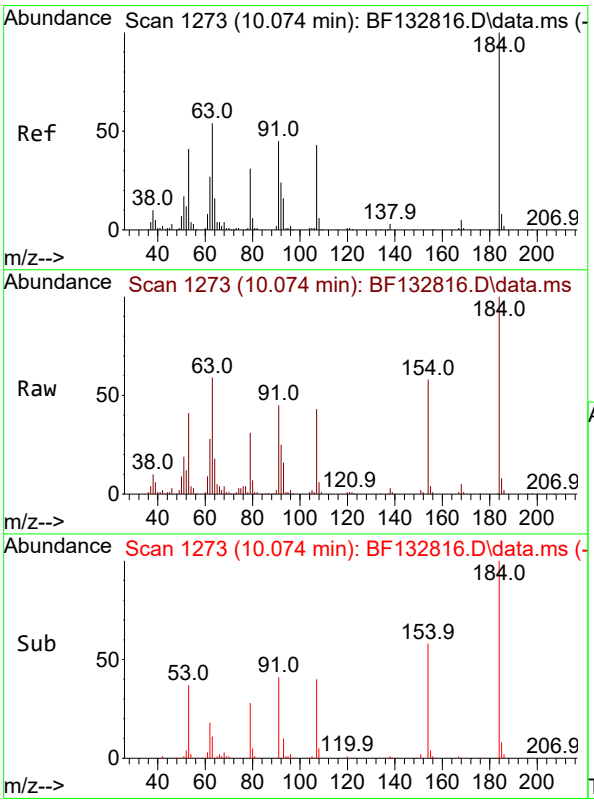
#53
3-Nitroaniline
Concen: 39.063 ng
RT: 9.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 275444

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.2
92	116.6	93.3	139.9

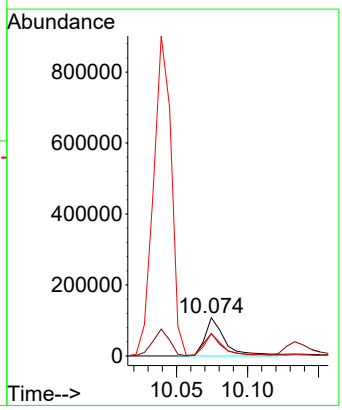


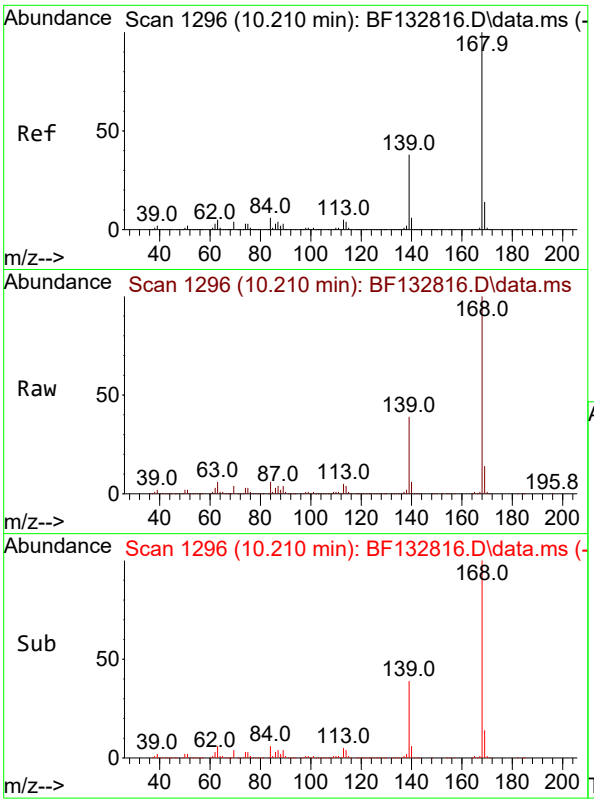


#54
2,4-Dinitrophenol
Concen: 28.445 ng
RT: 10.074 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:184 Resp: 105176

Ion	Ratio	Lower	Upper
184	100		
63	59.0	47.2	70.8
154	58.1	46.5	69.7



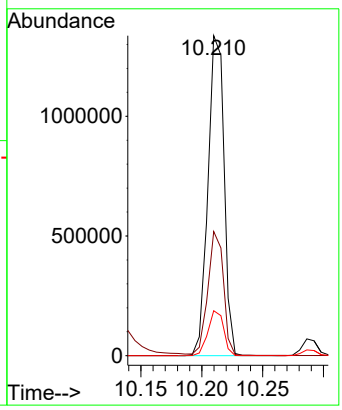


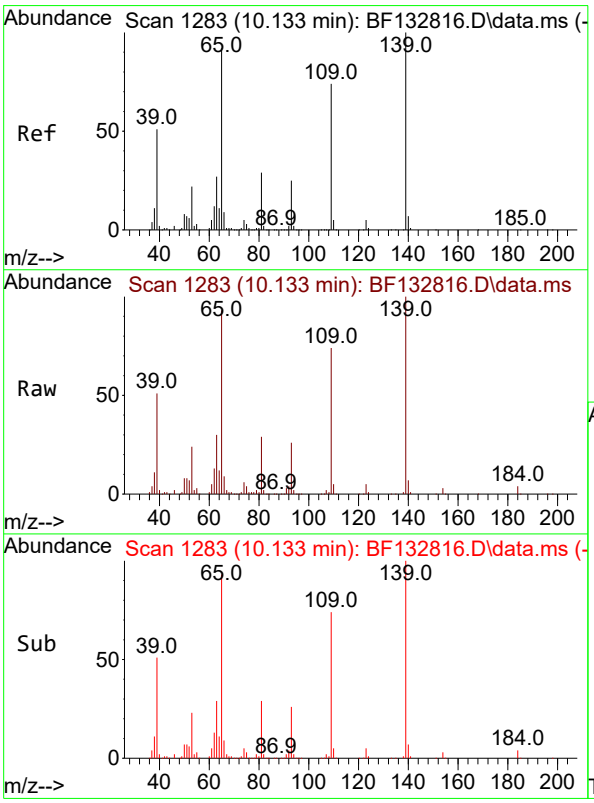
#55
Dibenzofuran
Concen: 36.591 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 1229750

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.0	46.6
169	14.1	11.3	16.9

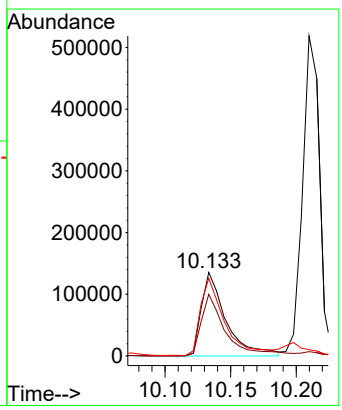


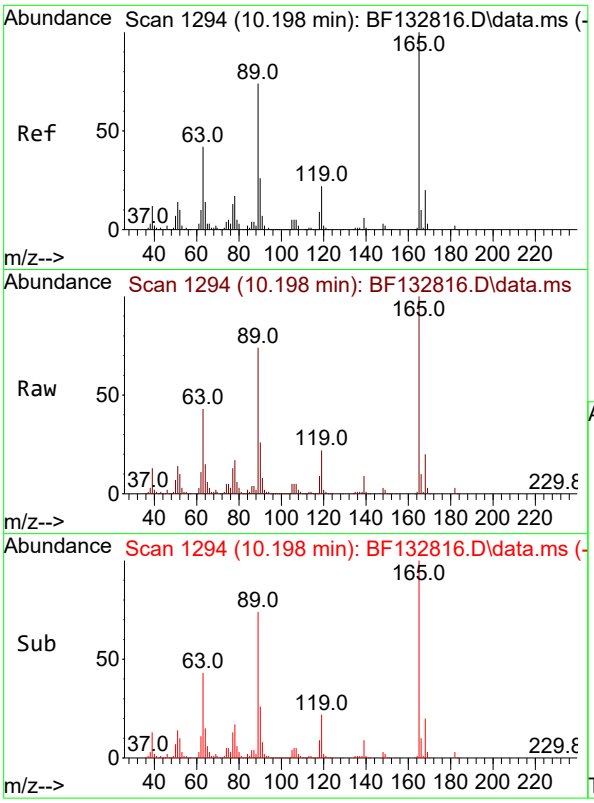


#56
4-Nitrophenol
Concen: 33.575 ng
RT: 10.133 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:139 Resp: 176556

Ion	Ratio	Lower	Upper
139	100		
109	73.8	53.8	93.8
65	93.0	73.0	113.0



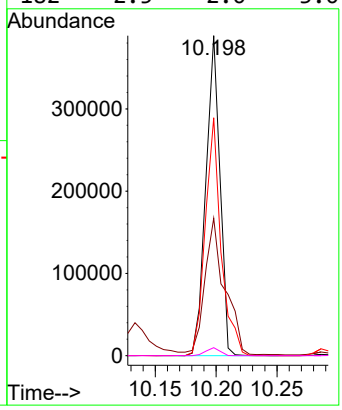


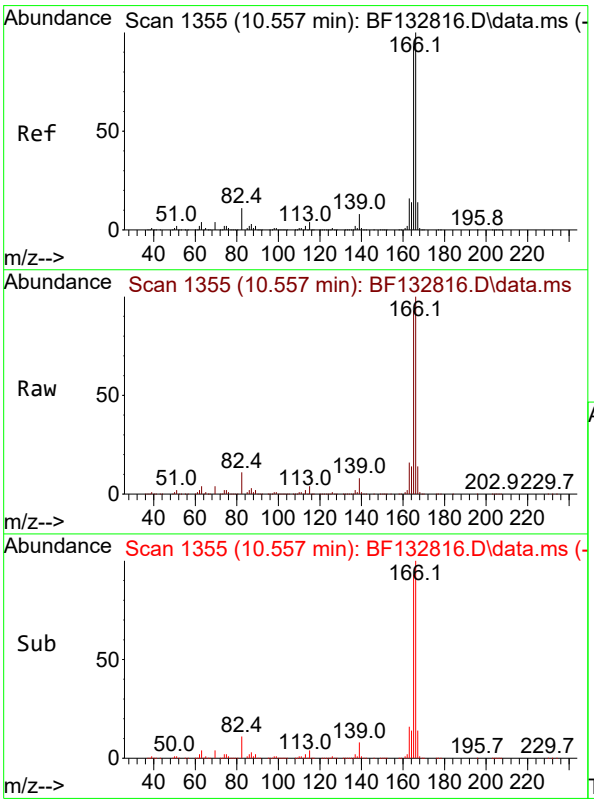
#57
2,4-Dinitrotoluene
Concen: 37.202 ng
RT: 10.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 311977

Ion	Ratio	Lower	Upper
165	100		
63	43.0	34.4	51.6
89	74.4	59.5	89.3
182	2.5	2.0	3.0

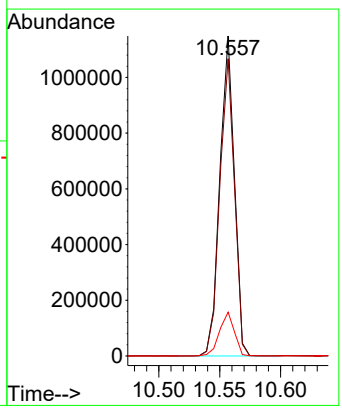


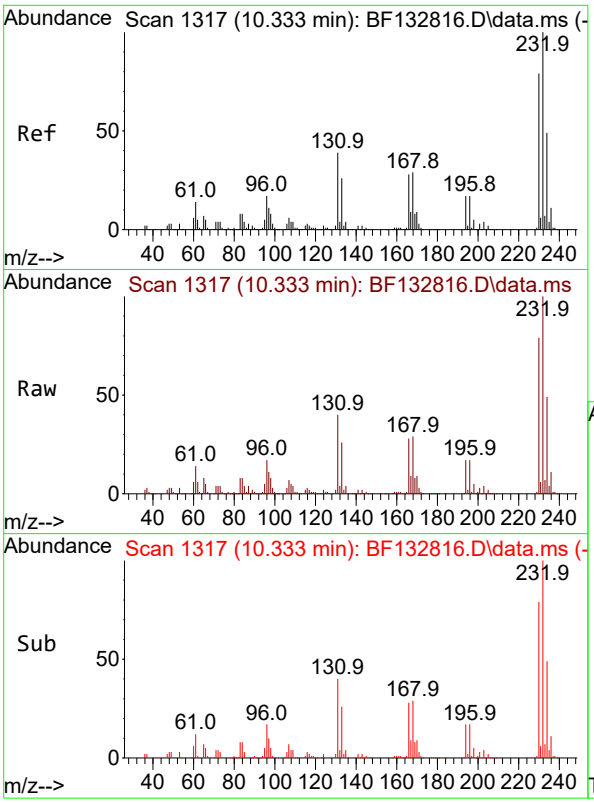


#58
Fluorene
Concen: 37.179 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:166 Resp: 955754

Ion	Ratio	Lower	Upper
166	100		
165	92.9	74.3	111.5
167	13.7	11.0	16.4



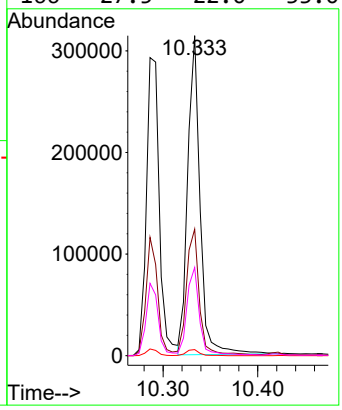


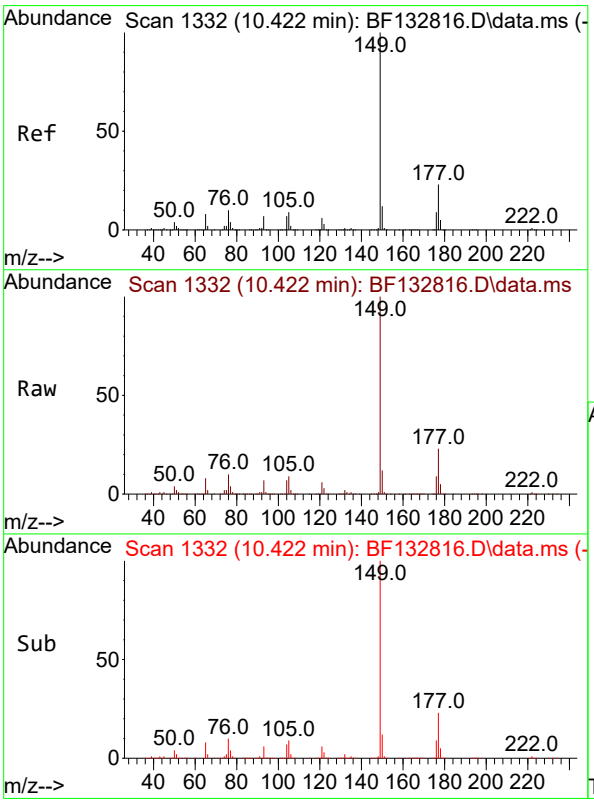
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.972 ng
RT: 10.333 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 284792

Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.6	48.8
130	2.1	1.7	2.5
166	27.5	22.0	33.0

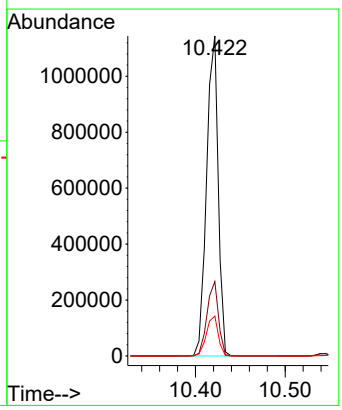


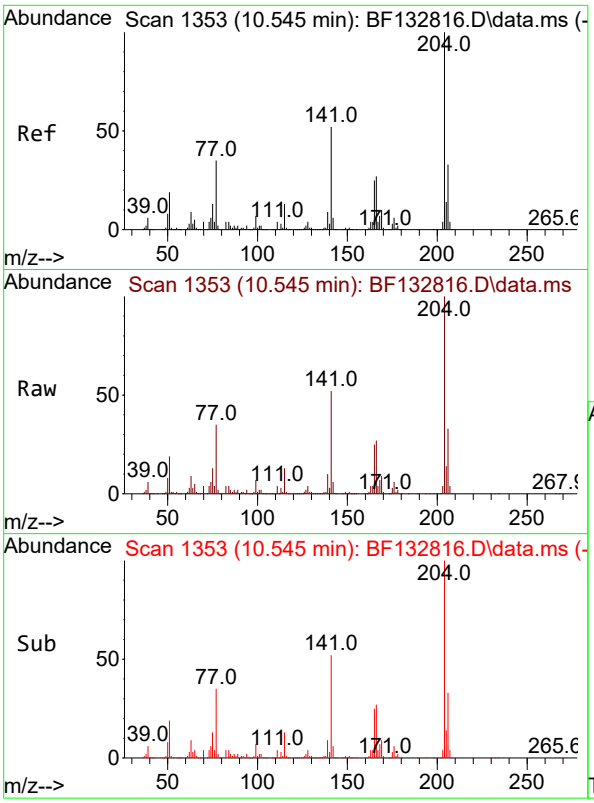


#60
Diethylphthalate
Concen: 38.023 ng
RT: 10.422 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:149 Resp: 1027863

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	12.5	10.0	15.0



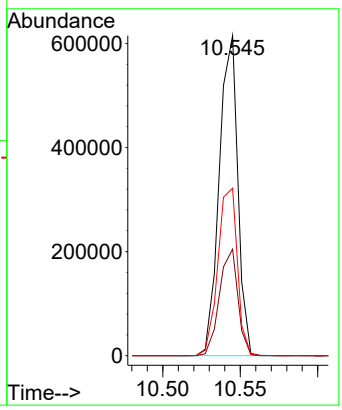


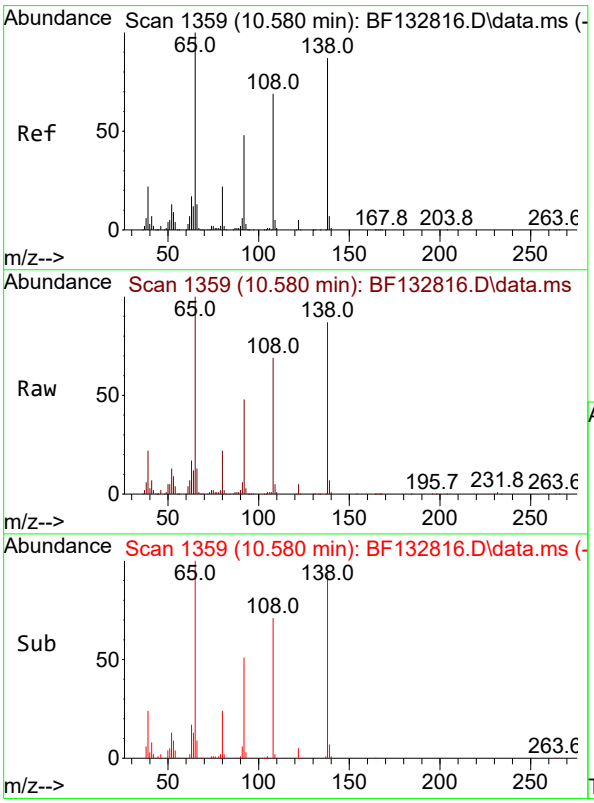
#61
4-Chlorophenyl-phenylether
Concen: 38.400 ng
RT: 10.545 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 512098

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	52.4	41.9	62.9

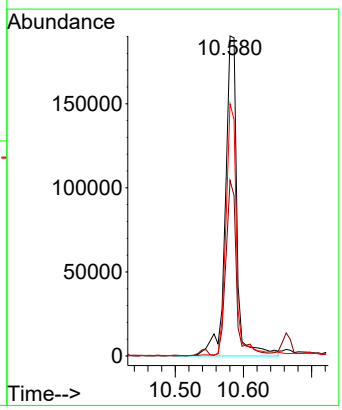


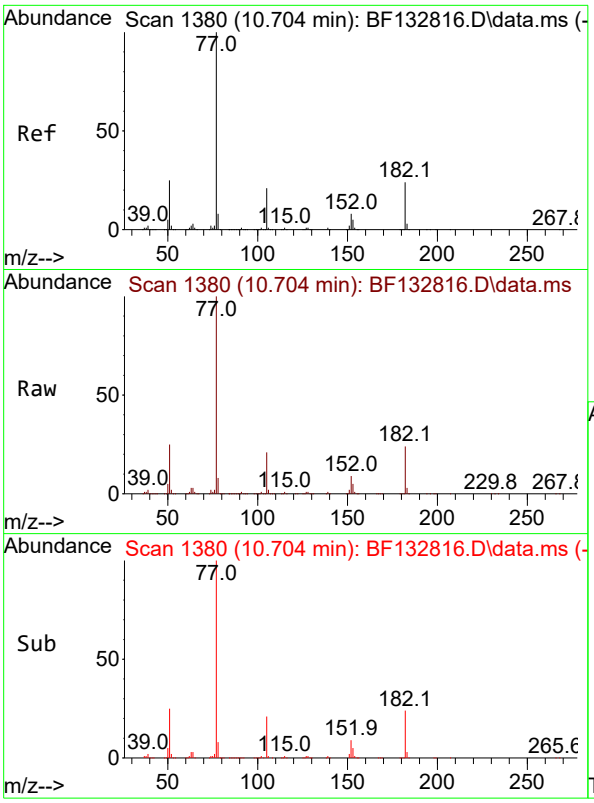


#62
4-Nitroaniline
Concen: 32.484 ng
RT: 10.580 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:138 Resp: 224841

Ion	Ratio	Lower	Upper
138	100		
92	54.9	34.9	74.9
108	78.8	58.8	98.8



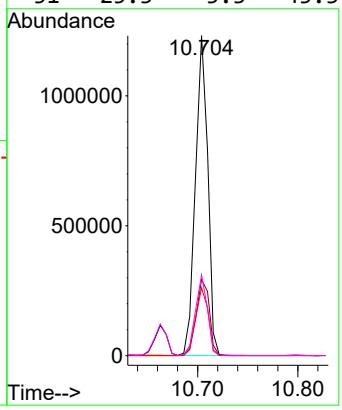


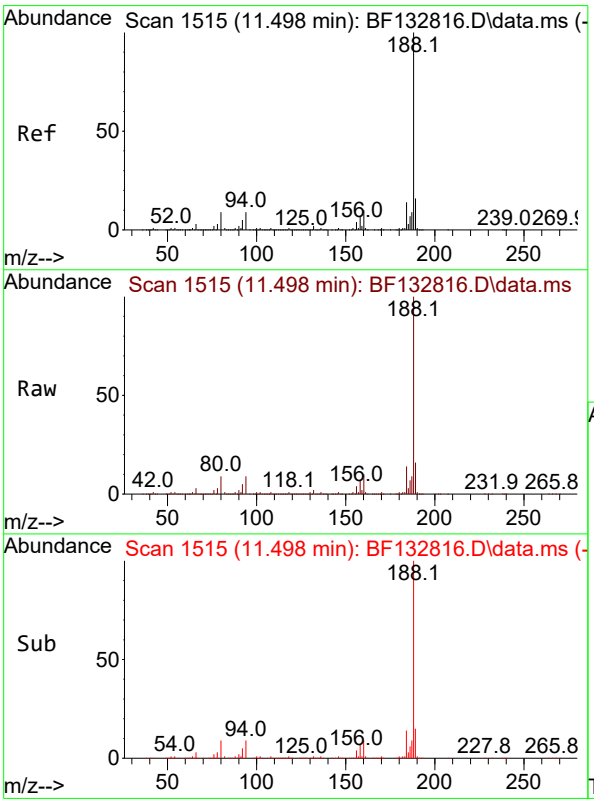
#63
Azobenzene
Concen: 36.730 ng
RT: 10.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1051529

Ion	Ratio	Lower	Upper
77	100		
182	23.8	3.8	43.8
105	21.2	1.2	41.2
51	25.3	5.3	45.3

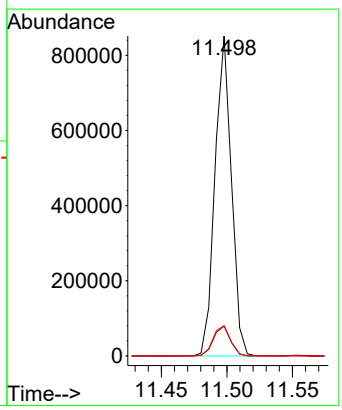


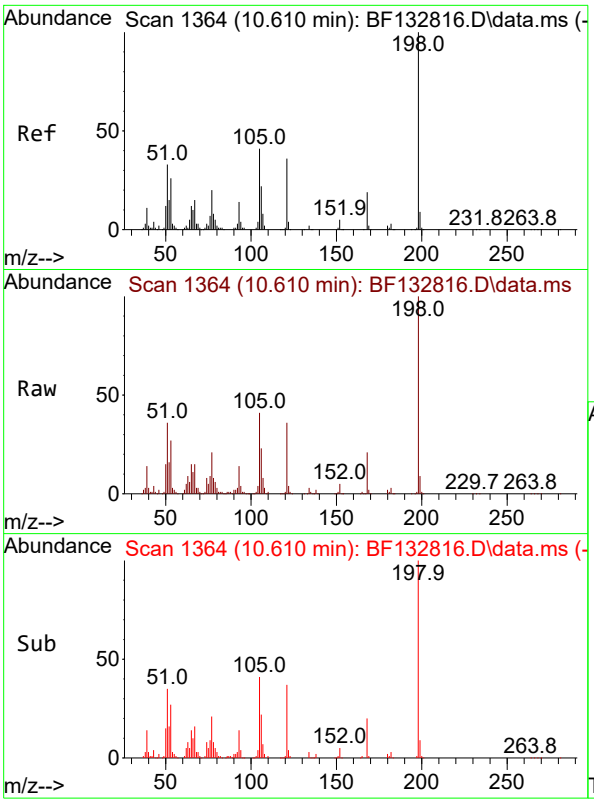


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:188 Resp: 739105

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.4	7.5	11.3



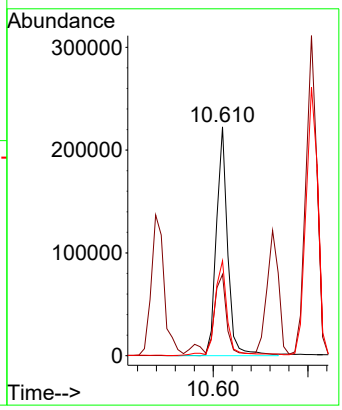


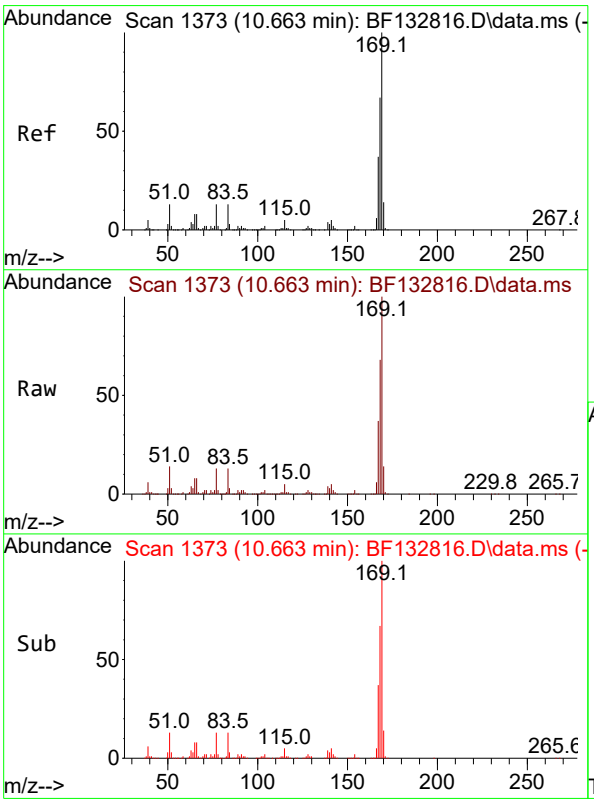
#65
4,6-Dinitro-2-methylphenol
Concen: 37.003 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 185138

Ion	Ratio	Lower	Upper
198	100		
51	35.6	15.6	55.6
105	41.5	21.5	61.5

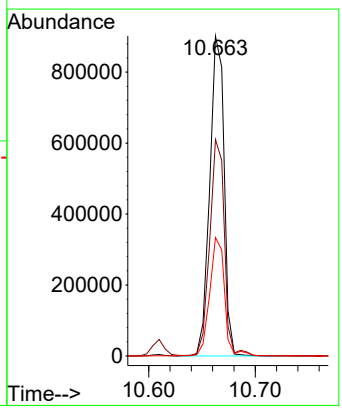


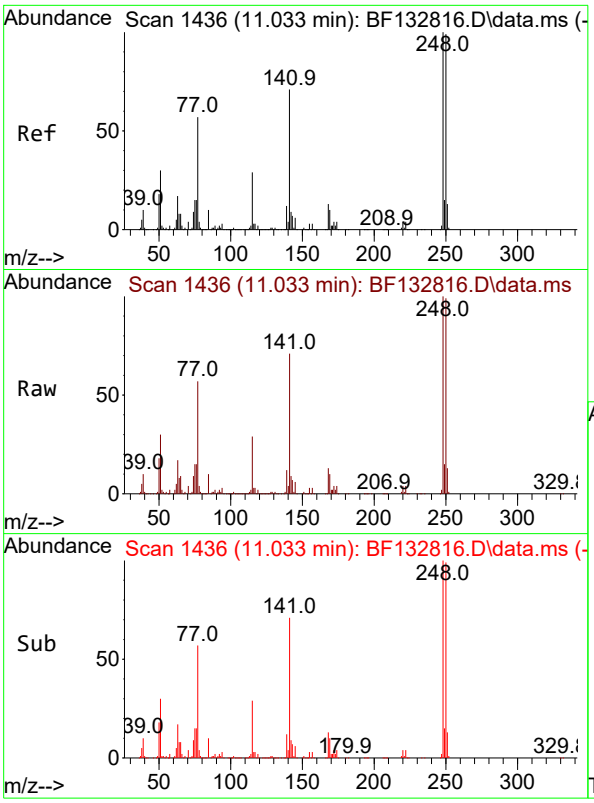


#66
n-Nitrosodiphenylamine
Concen: 36.771 ng
RT: 10.663 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:169 Resp: 847292

Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.2
167	37.0	29.6	44.4



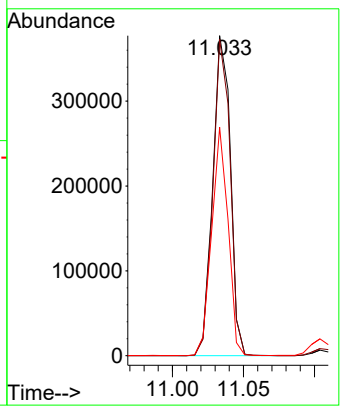


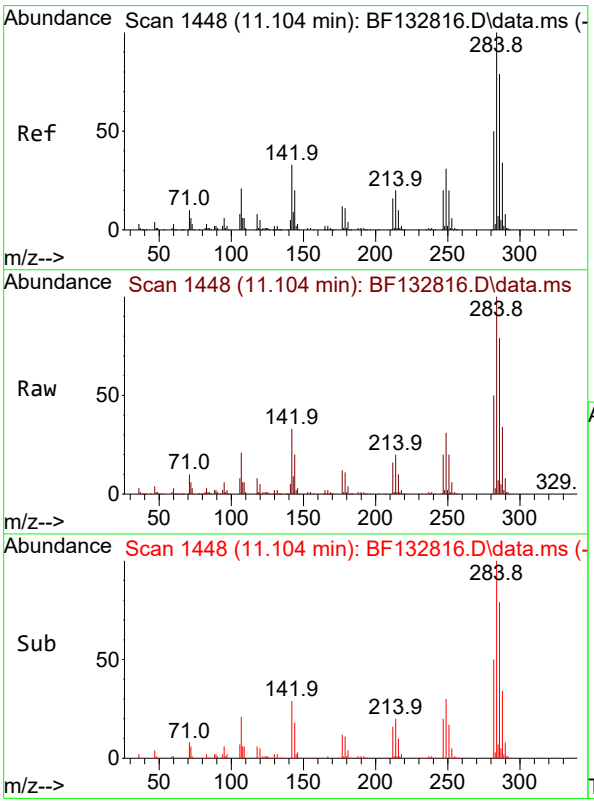
#67
4-Bromophenyl-phenylether
Concen: 38.998 ng
RT: 11.033 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 326036

Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.1	118.7
141	71.4	57.1	85.7

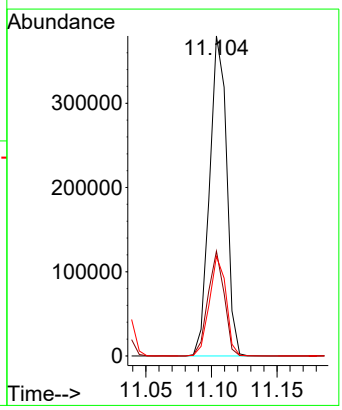


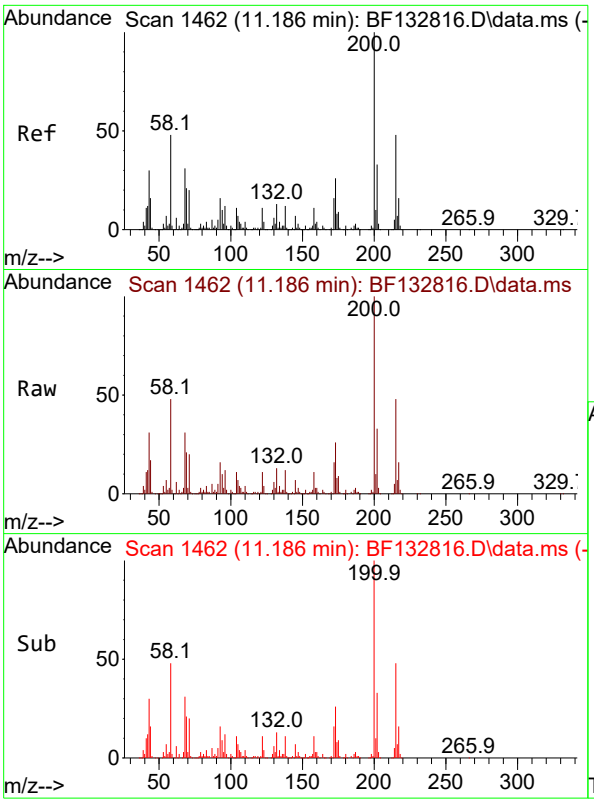


#68
Hexachlorobenzene
Concen: 39.027 ng
RT: 11.104 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:284 Resp: 343323

Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.2	39.2
249	31.1	24.9	37.3



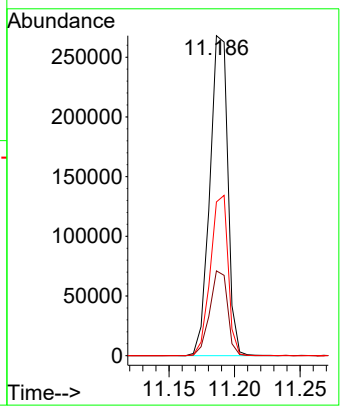


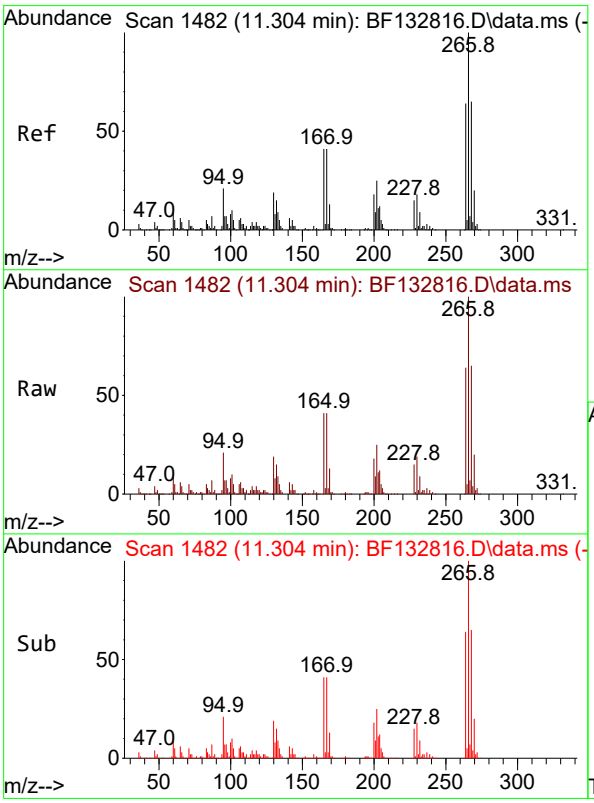
#69
Atrazine
Concen: 35.589 ng
RT: 11.186 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 256008

Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.5	46.5
215	48.0	28.0	68.0

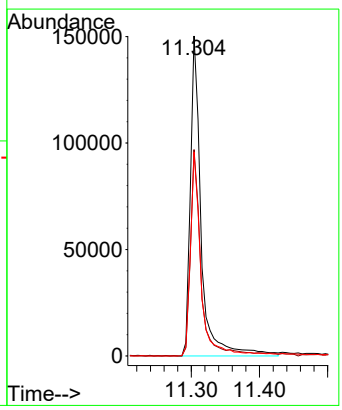


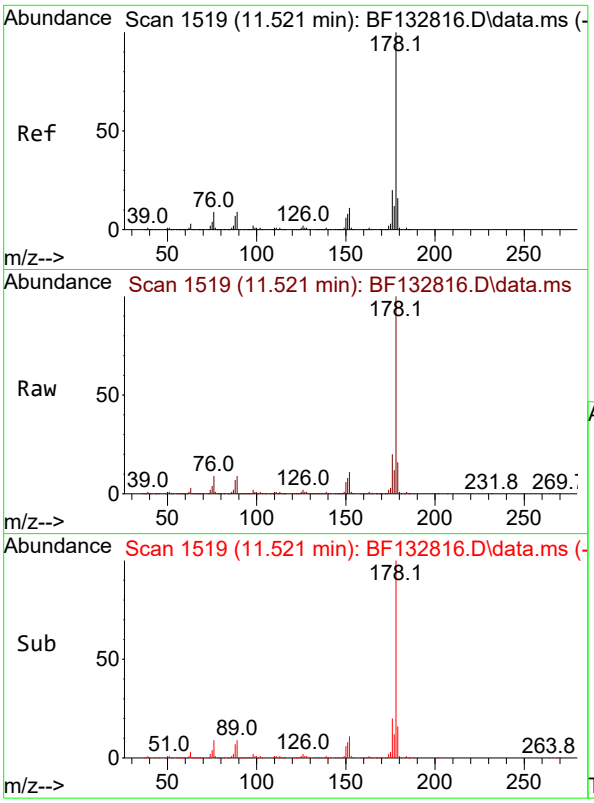


#70
Pentachlorophenol
Concen: 31.385 ng
RT: 11.304 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:266 Resp: 164266

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.6	77.4
264	63.7	51.0	76.4



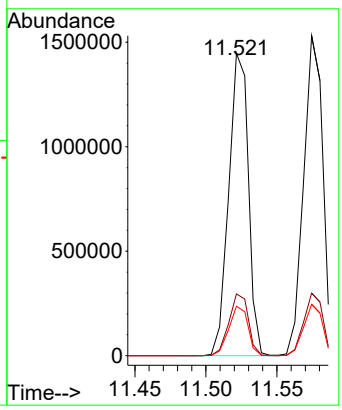


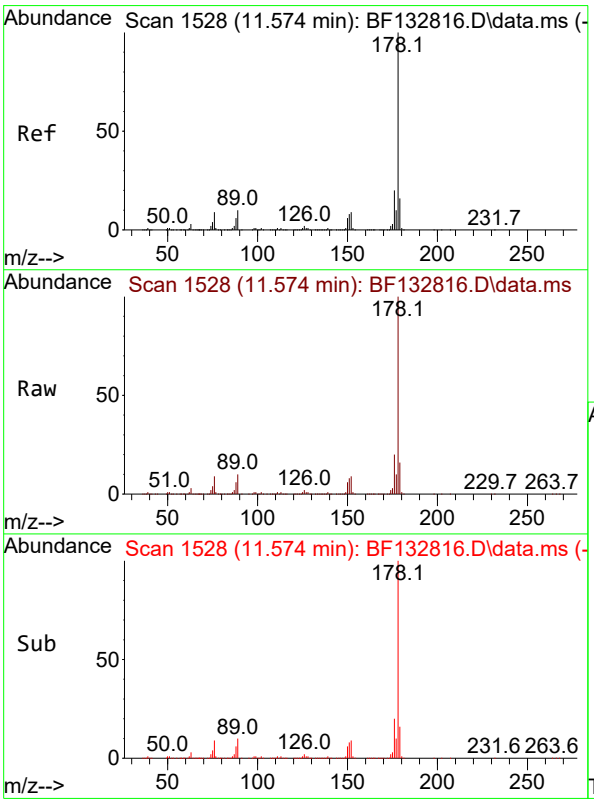
#71
Phenanthrene
Concen: 36.429 ng
RT: 11.521 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 1394831

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.3	24.5
179	16.4	13.1	19.7

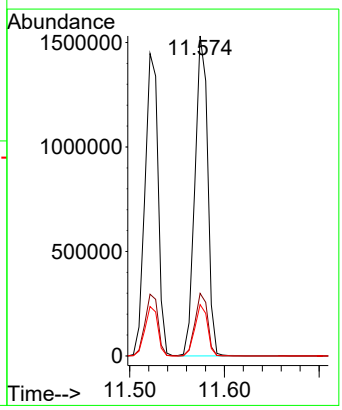


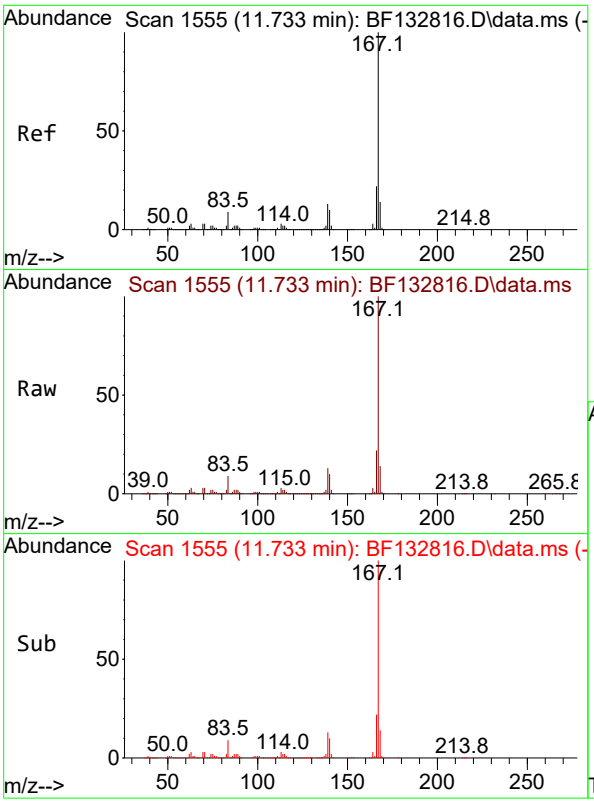


#72
Anthracene
Concen: 36.550 ng
RT: 11.574 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:178 Resp: 1441155

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.0	12.8	19.2



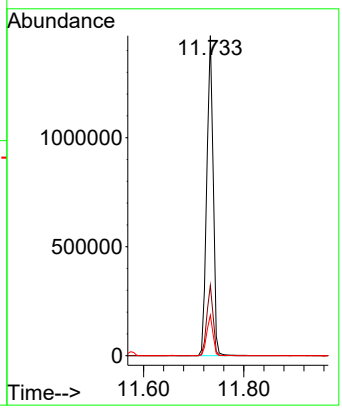


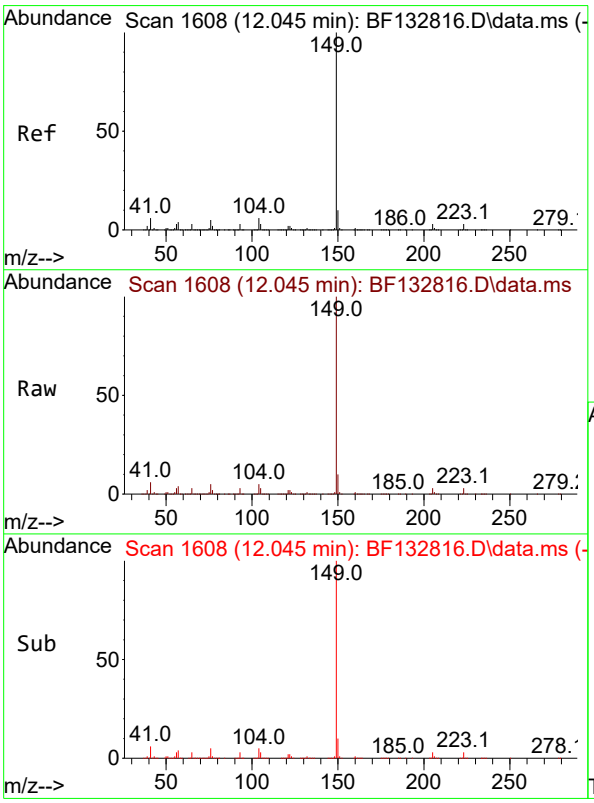
#73
Carbazole
Concen: 36.921 ng
RT: 11.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 1312524

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.7	10.2	15.2

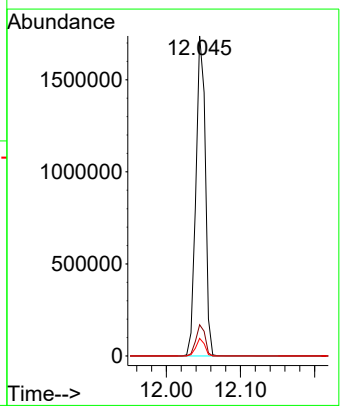


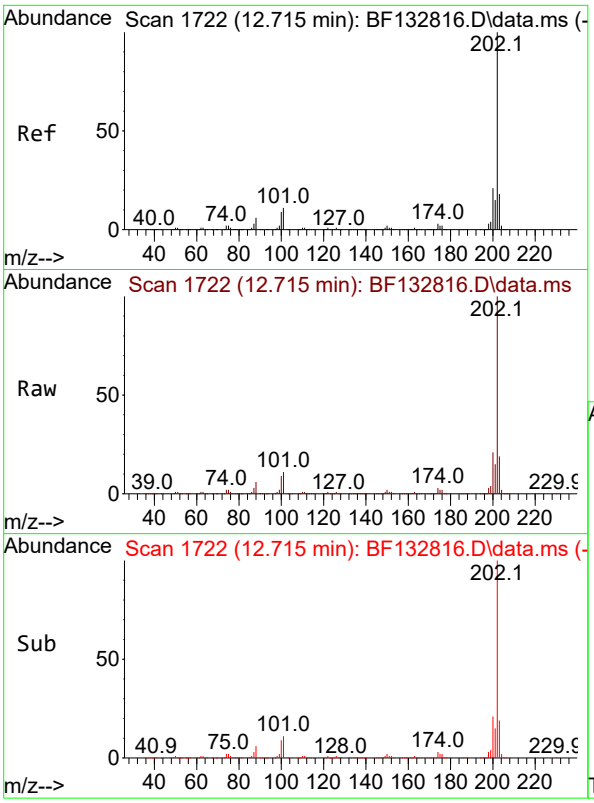


#74
Di-n-butylphthalate
Concen: 36.552 ng
RT: 12.045 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:149 Resp: 1524231

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	5.5	4.4	6.6



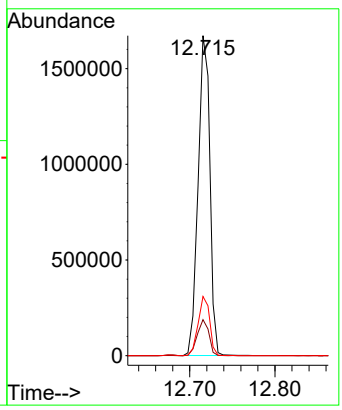


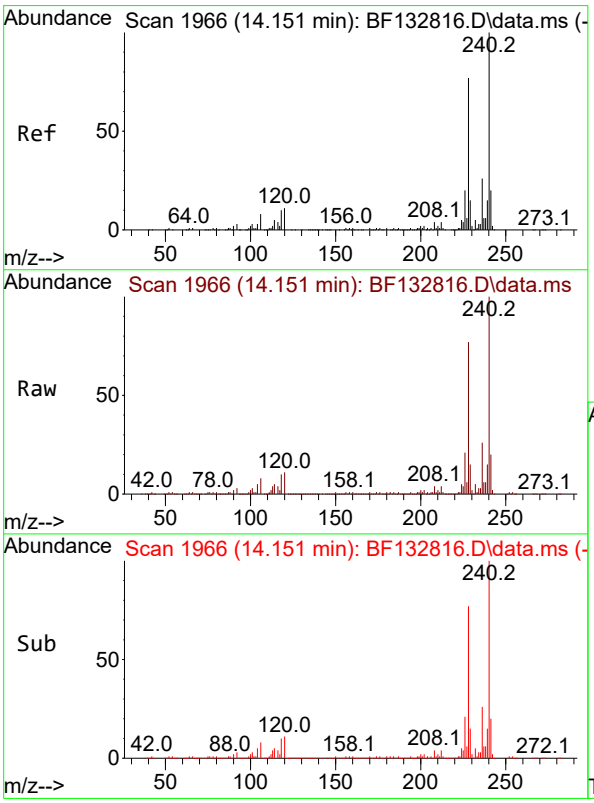
#75
Fluoranthene
Concen: 38.303 ng
RT: 12.715 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 1603278

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	18.5	0.0	38.5

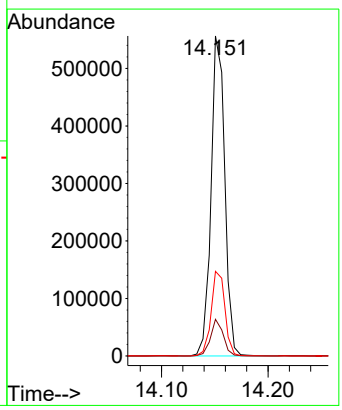


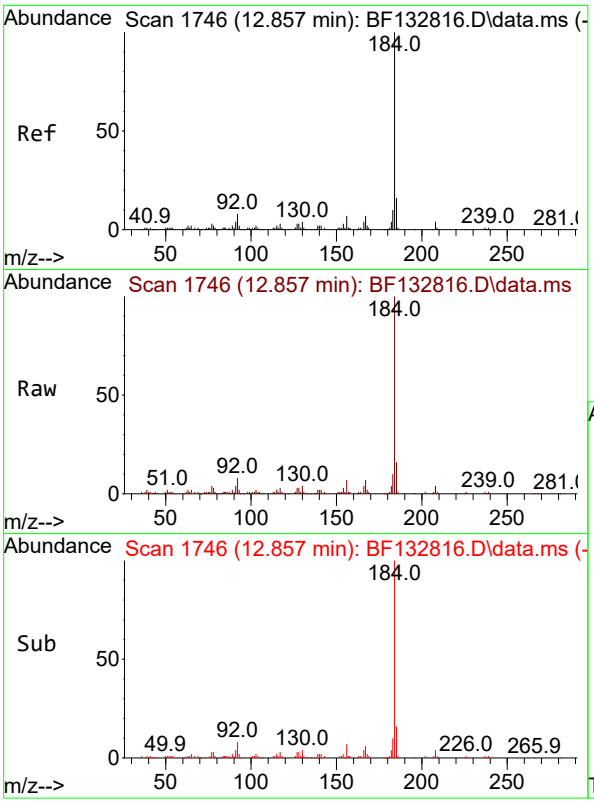


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:240 Resp: 497721

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	26.5	21.2	31.8



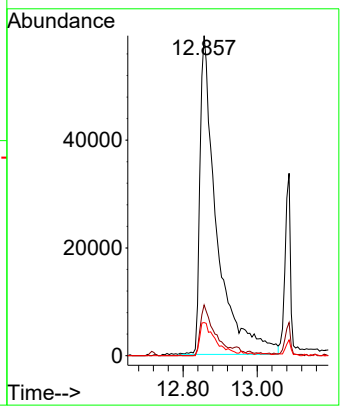


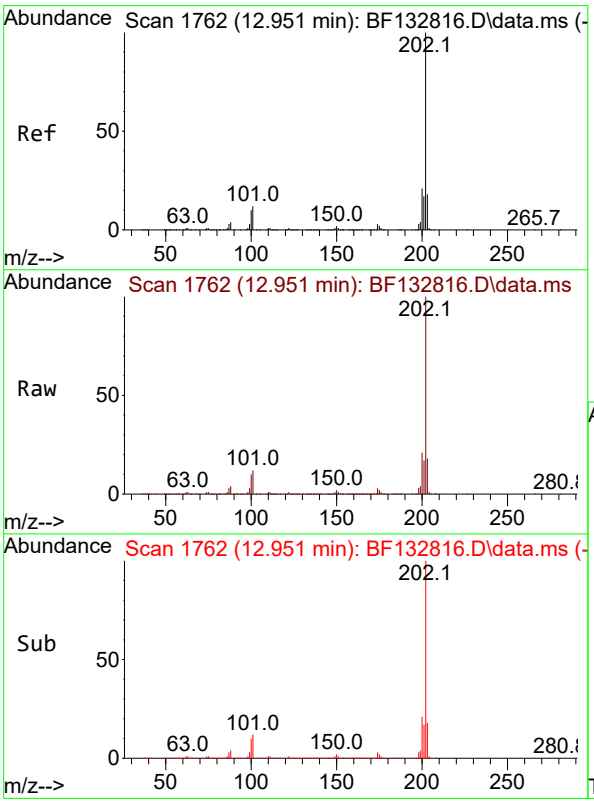
#77
Benzidine
Concen: 15.323 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 185648

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	19.0
183	10.3	8.2	12.4

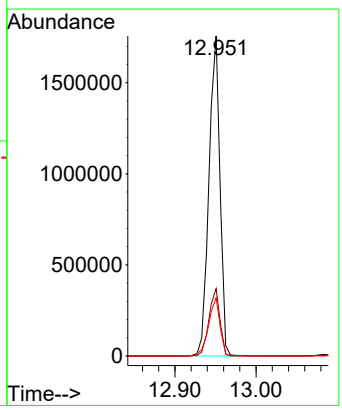


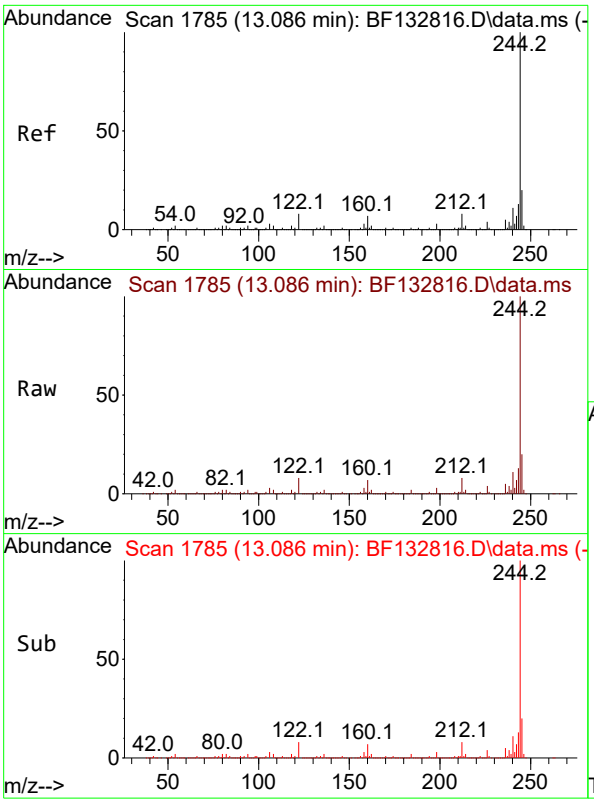


#78
Pyrene
Concen: 36.440 ng
RT: 12.951 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:202 Resp: 1648975

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.2	14.6	21.8



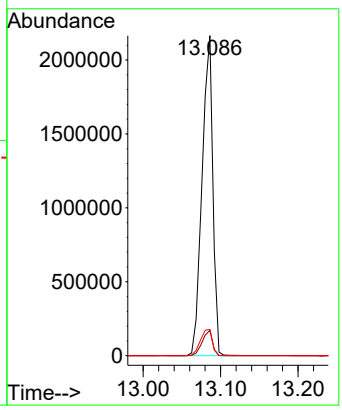


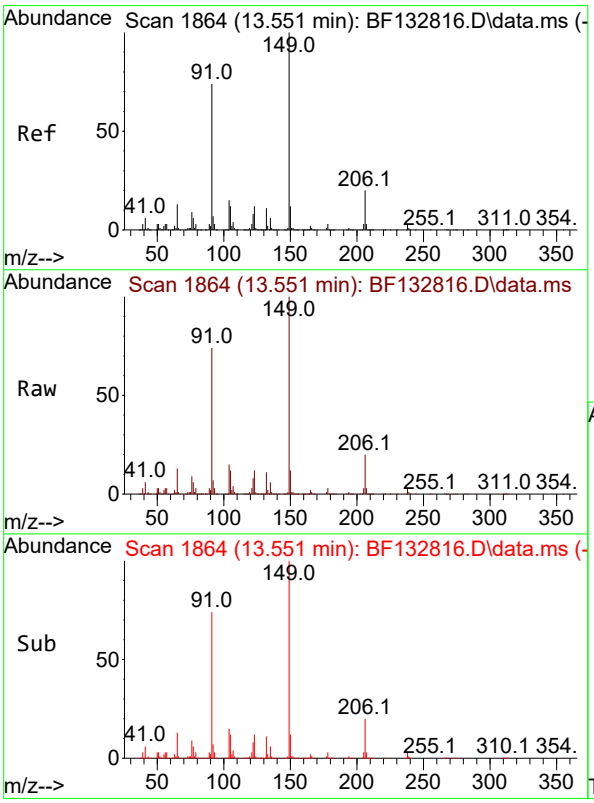
#79
Terphenyl-d14
Concen: 70.846 ng
RT: 13.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 2085555

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	8.2	6.6	9.8

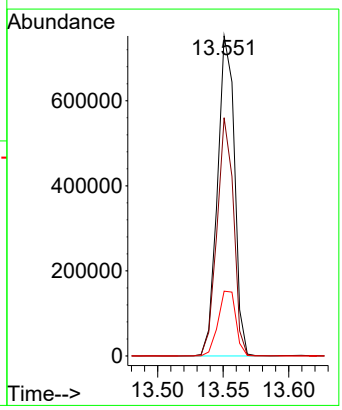


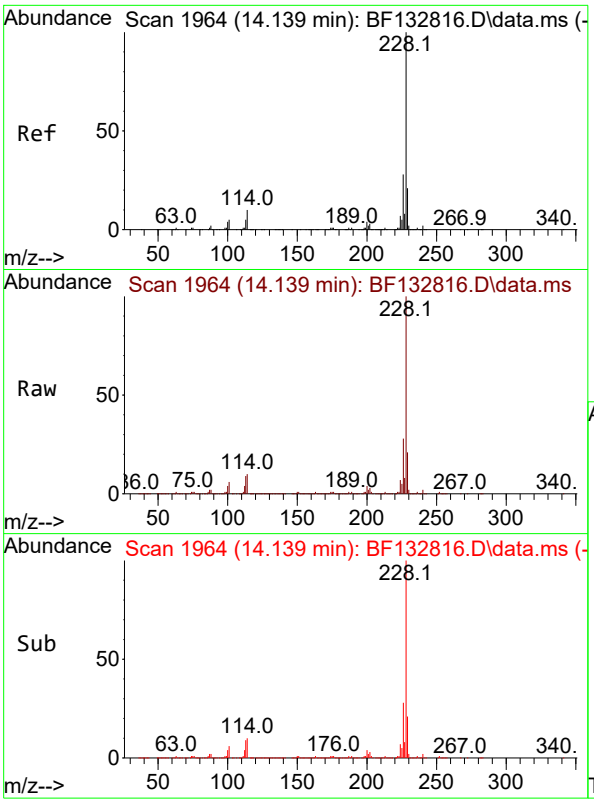


#80
Butylbenzylphthalate
Concen: 37.991 ng
RT: 13.551 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:149 Resp: 678418

Ion	Ratio	Lower	Upper
149	100		
91	74.4	59.5	89.3
206	20.3	16.2	24.4



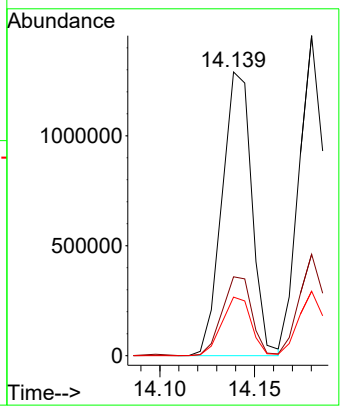


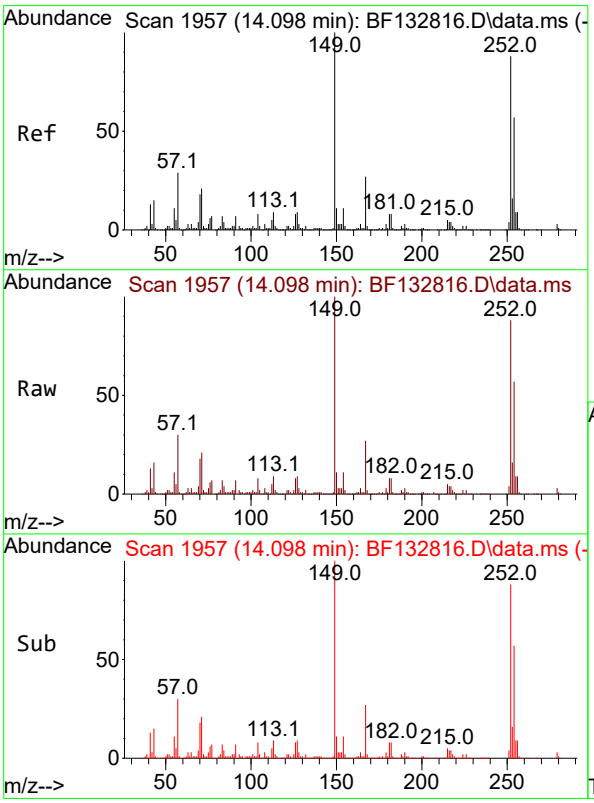
#81
Benzo(a)anthracene
Concen: 37.968 ng
RT: 14.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 1413962

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	20.6	16.5	24.7

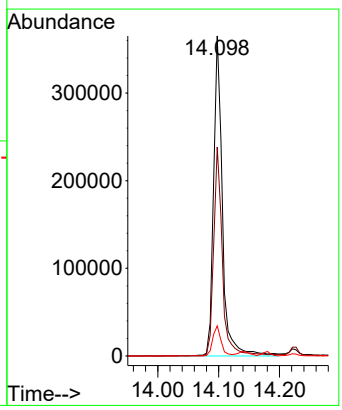


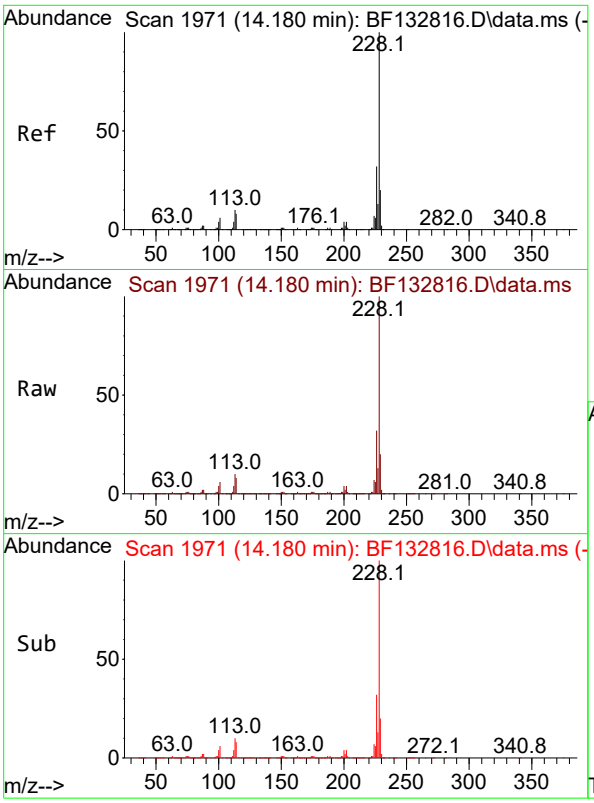


#82
3,3'-Dichlorobenzidine
Concen: 33.603 ng
RT: 14.098 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:252 Resp: 368934

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.4
126	9.4	7.5	11.3



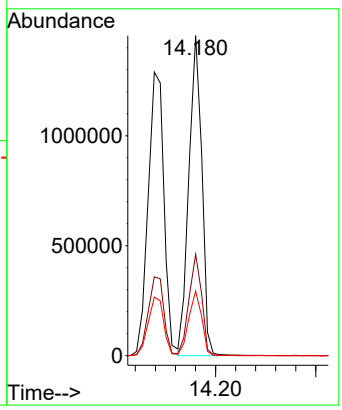


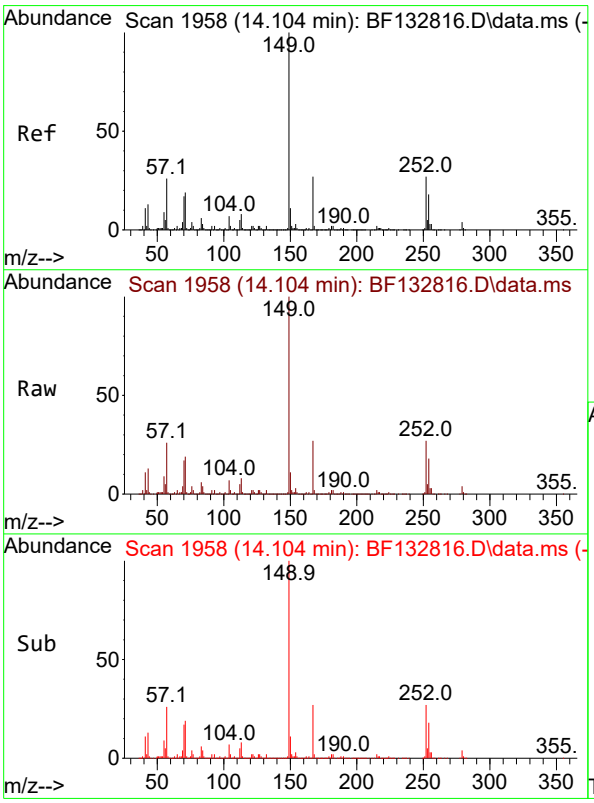
#83
Chrysene
Concen: 37.524 ng
RT: 14.180 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 1306760

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	20.1	16.1	24.1

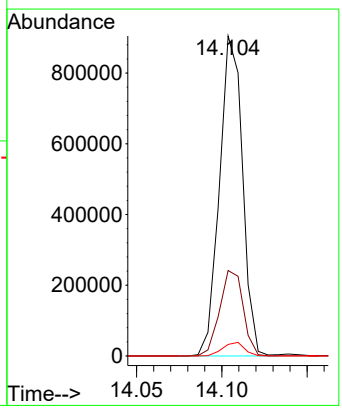


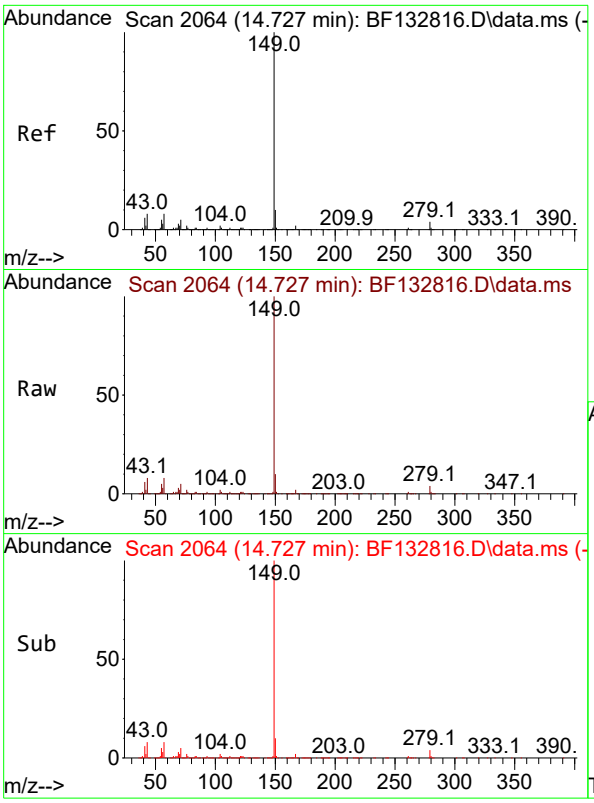


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.805 ng
RT: 14.104 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:149 Resp: 851246

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	3.6	2.9	4.3



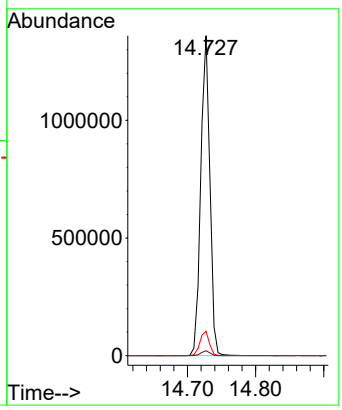


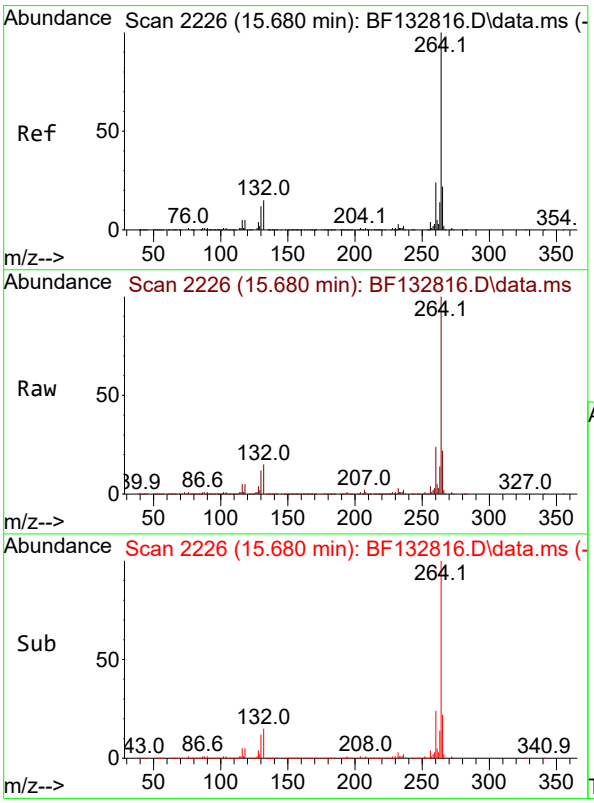
#85
Di-n-octyl phthalate
Concen: 39.254 ng
RT: 14.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 1258343

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.2	9.4

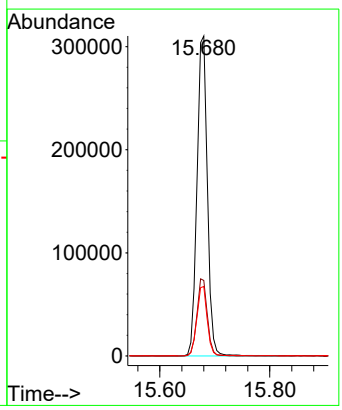


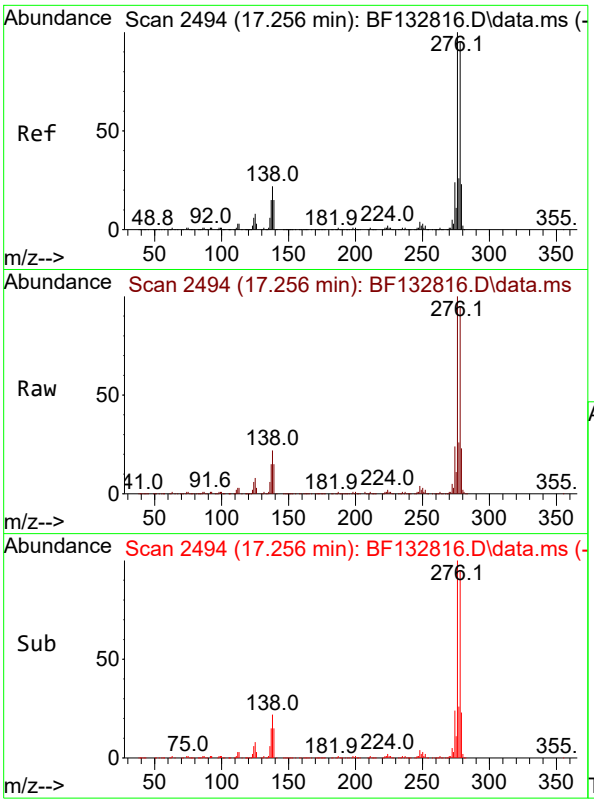


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:264 Resp: 407871

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.7	17.4	26.0



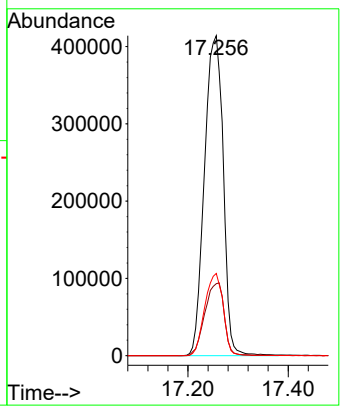


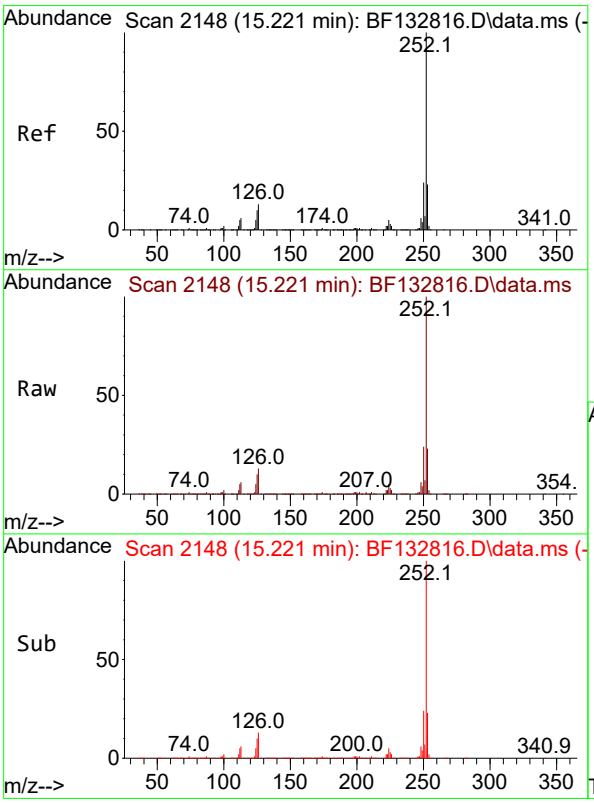
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.282 ng
RT: 17.256 min Scan# 24
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 1076559

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.8	28.2
277	25.4	20.3	30.5

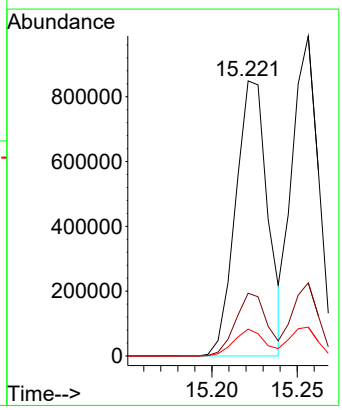


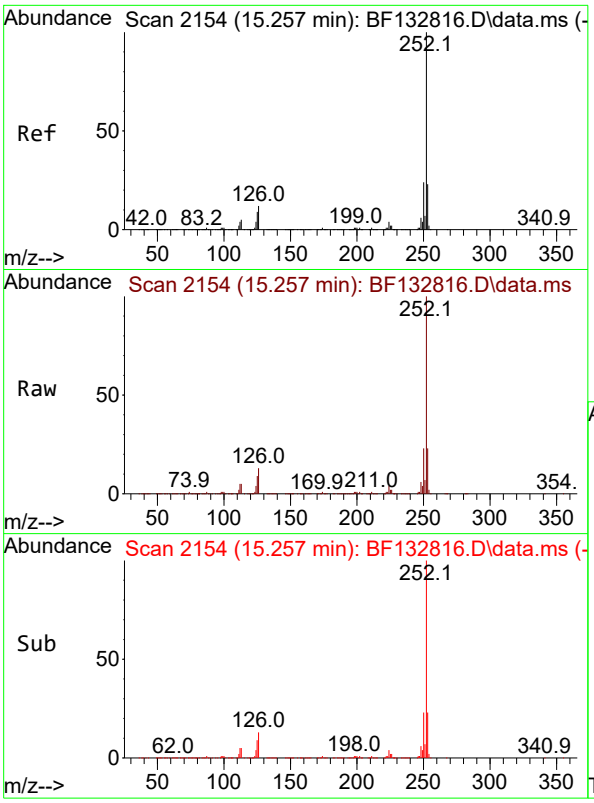


#88
Benzo(b)fluoranthene
Concen: 40.802 ng
RT: 15.221 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:252 Resp: 1115249

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.8	7.8	11.8



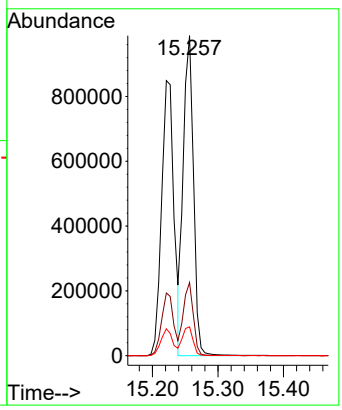


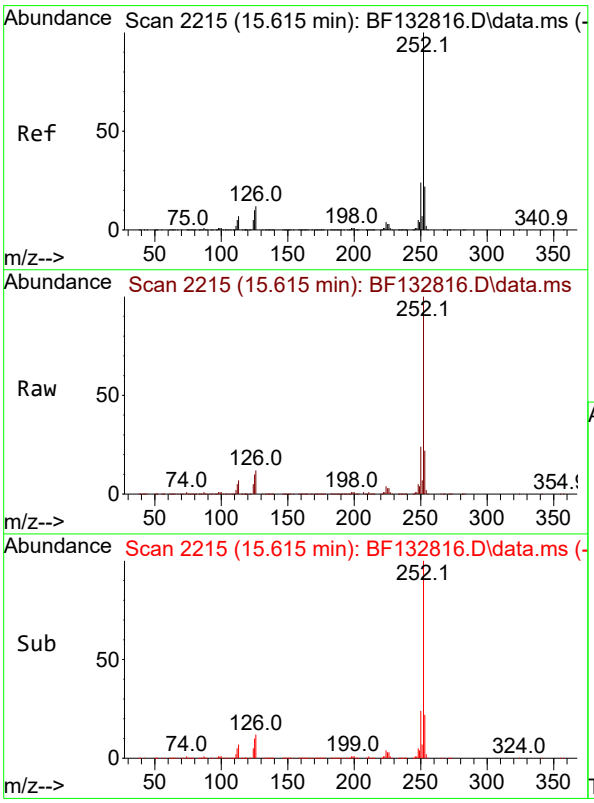
#89
Benzo(k)fluoranthene
Concen: 39.935 ng
RT: 15.257 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 1068305

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.0	7.2	10.8

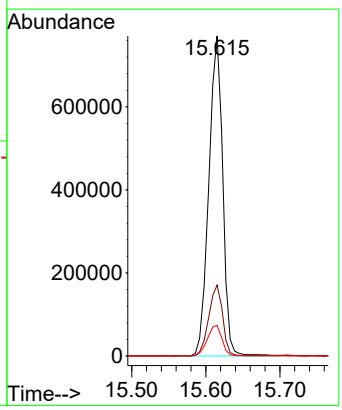


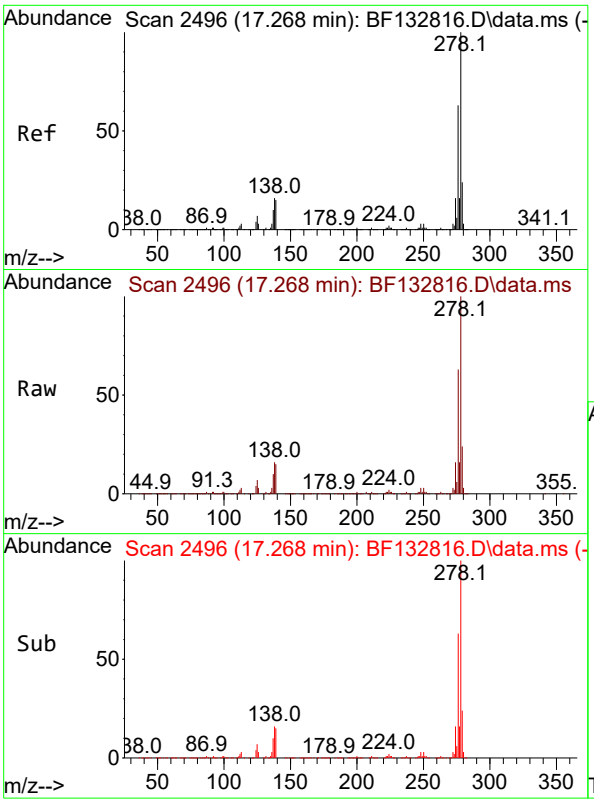


#90
Benzo(a)pyrene
Concen: 39.174 ng
RT: 15.615 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:252 Resp: 1002152

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.6	7.7	11.5



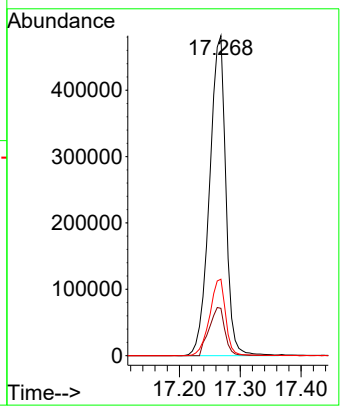


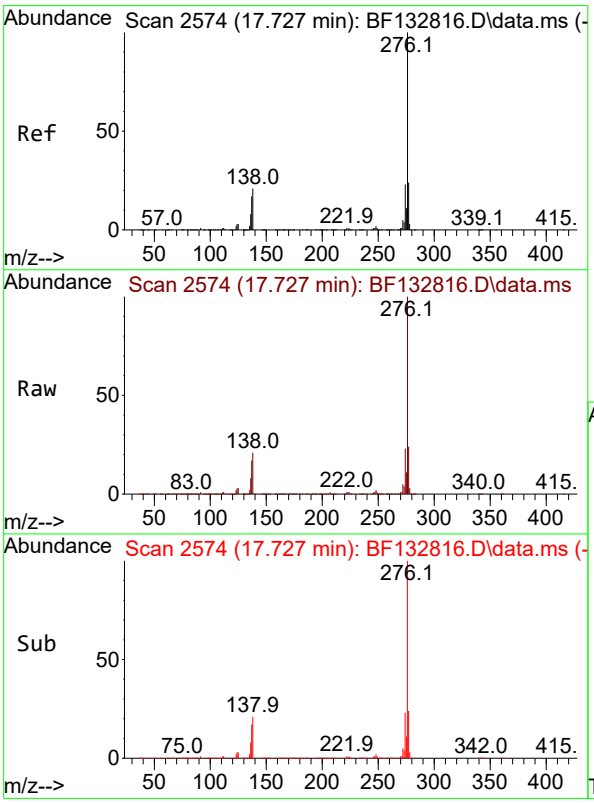
#91
Dibenzo(a,h)anthracene
Concen: 41.165 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

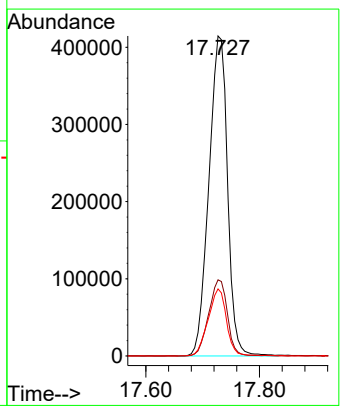
Tgt Ion:278 Resp: 896374

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.8
279	23.9	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 41.627 ng
RT: 17.727 min Scan# 2574
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:276 Resp: 943964

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	21.0	16.8	25.2