Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
Data File : BN018950.D
Acq On : 15 Mar 2022 16:11
Operator : CG/JU
Sample : N1818-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Quant Time: Mar 15 16:39:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 15 15:17:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	167836	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	723119	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	472494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	989465	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	897625	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	710180	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	16887	4.195	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.046	99	378204	26.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	231707	25.924	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	291211	26.545	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	242894	21.050	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	144984	26.230	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	160769	26.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	286643	25.687	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	343974	22.362	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	937189	26.884	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1122794	26.098	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	174473	27.265	ng/ul	0.00
60) Fluorene-d10	15.516	176	780352	26.757	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	150093	24.716	ng/ul	0.00
73) Anthracene-d10	17.369	188	1405784	30.657	ng/ul	0.00
81) Pyrene-d10	19.657	212	1664493	29.743	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	1213878	33.513	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	58147	14.397	ng/uL#	95
6) Benzaldehyde	7.022	77	207937	26.976	ng/ul	97
8) Phenol	7.075	94	636683	43.984	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.310	93	353997	30.579	ng/ul	99
19) Hexachloroethane	8.981	117	224779	48.039	ng/ul	97
22) Nitrobenzene	9.093	77	234961	17.234	ng/ul	99
25) 2-Nitrophenol	9.810	139	216153	33.900	ng/ul	97
30) Naphthalene	10.751	128	1300496	35.426	ng/ul	100
36) 2-Methylnaphthalene	12.363	142	1238031	49.111	ng/ul	99
37) 1-Methylnaphthalene	12.581	142	636243	24.940	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	234300	16.748	ng/ul	96
42) 2,4,5-Trichlorophenol	13.034	196	440859	45.105	ng/ul	98
43) 1,1'-Biphenyl	13.369	154	1128850	32.307	ng/ul	98
44) 2-Chloronaphthalene	13.410	162	854207	31.693	ng/ul	98
50) Acenaphthylene	14.251	152	1214310	28.313	ng/ul	99
52) Acenaphthene	14.592	153	736172	26.590	ng/ul	98
55) 4-Nitrophenol	14.728	109	127131	23.605	ng/ul	94
56) Dibenzofuran	14.928	168	544970	13.628	ng/ul	97
57) 2,4-Dinitrotoluene	14.881	165	232629	23.736	ng/ul	96
59) Diethylphthalate	15.339	149	647142	18.874	ng/ul	100
61) Fluorene	15.575	166	988254	31.673	ng/ul	99
69) Hexachlorobenzene	16.581	284	165053	14.688	ng/ul	93
72) Phenanthrene	17.310	178	1501698	28.927	ng/ul	100
74) Anthracene	17.404	178	2489631	47.858	ng/ul	99

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
Data File : BN018950.D
Acq On : 15 Mar 2022 16:11
Operator : CG/JU
Sample : N1818-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Quant Time: Mar 15 16:39:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 15 15:17:15 2022
Response via : Initial Calibration

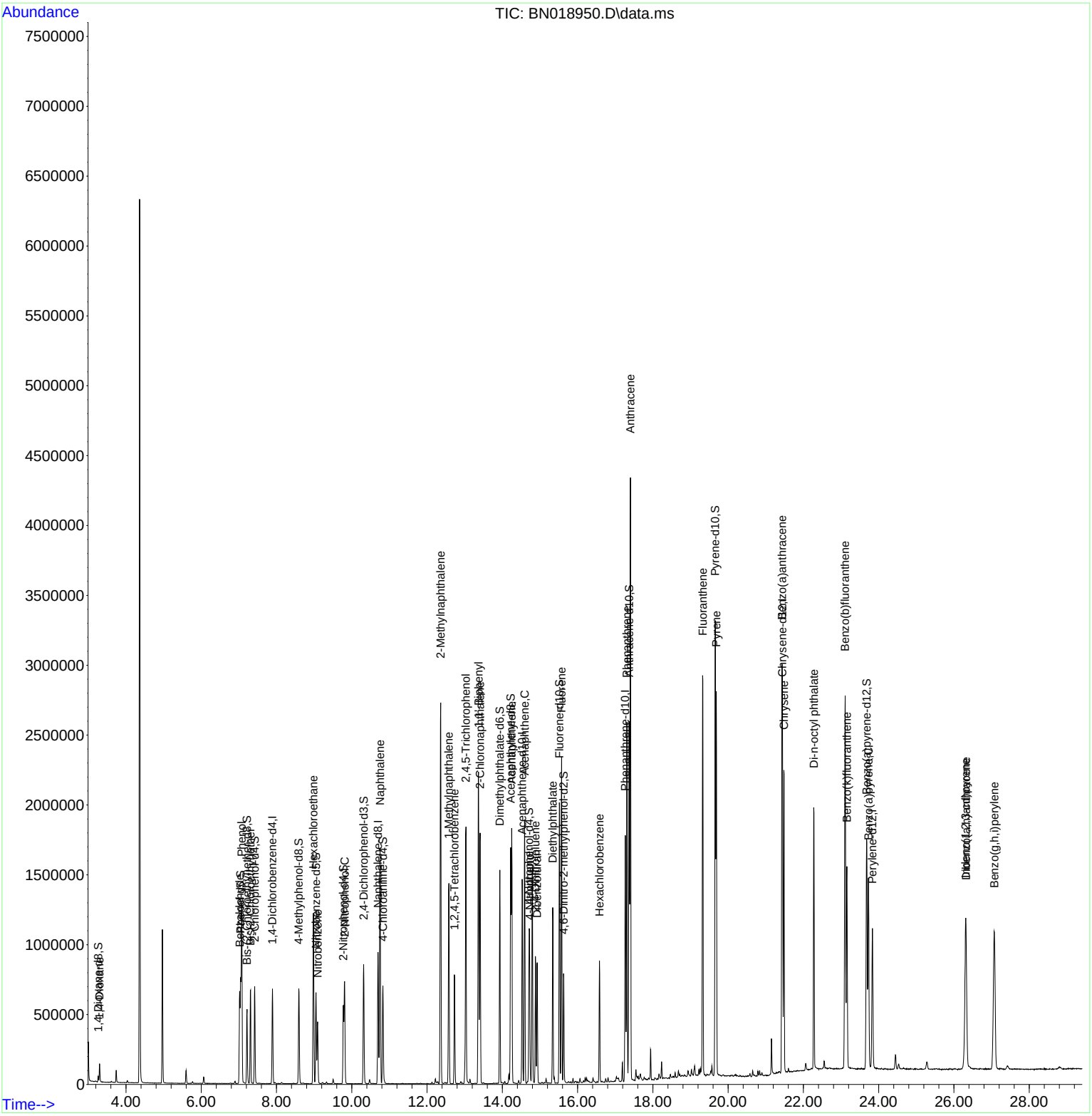
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.327	202	1743983	26.909	ng/ul	98
82) Pyrene	19.686	202	1572957	23.948	ng/ul	99
85) Benzo(a)anthracene	21.433	228	1303101	22.697	ng/ul	97
87) Chrysene	21.486	228	1078173	19.411	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1274188	22.196	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1890778	40.079	ng/ul	98
91) Benzo(k)fluoranthene	23.157	252	979575	22.351	ng/ul	98
93) Benzo(a)pyrene	23.733	252	995161	22.889	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.309	276	957774	21.338	ng/ul	94
95) Dibenzo(a,h)anthracene	26.321	278	552577	14.279	ng/ul	98
96) Benzo(g,h,i)perylene	27.074	276	1299104	34.145	ng/ul	98

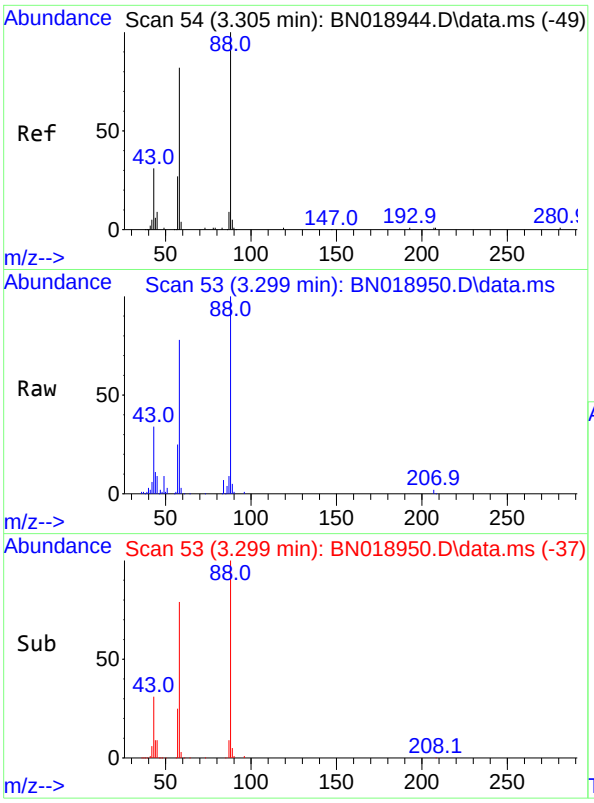
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
Data File : BN018950.D
Acq On : 15 Mar 2022 16:11
Operator : CG/JU
Sample : N1818-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Quant Time: Mar 15 16:39:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 15 15:17:15 2022
Response via : Initial Calibration



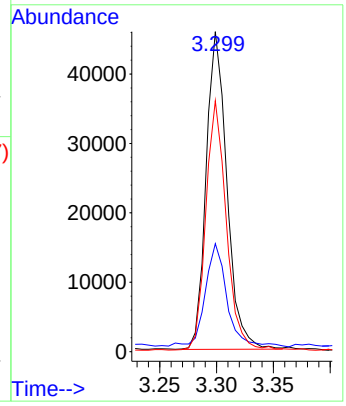


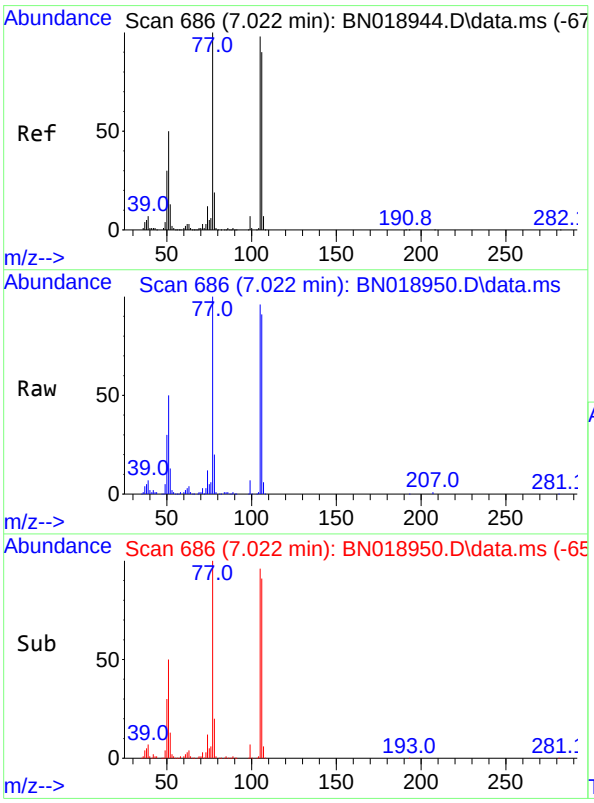
#2
1,4-Dioxane
Concen: 14.397 ng/uL
RT: 3.299 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion: 88 Resp: 58147

Ion	Ratio	Lower	Upper
88	100		
43	33.8	22.4	33.6#
58	78.4	61.0	91.4

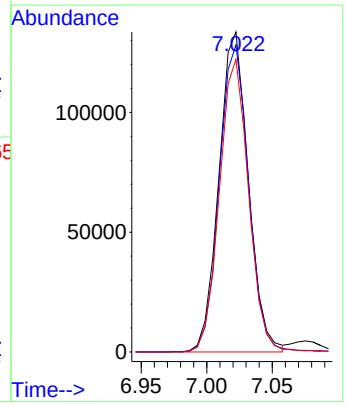


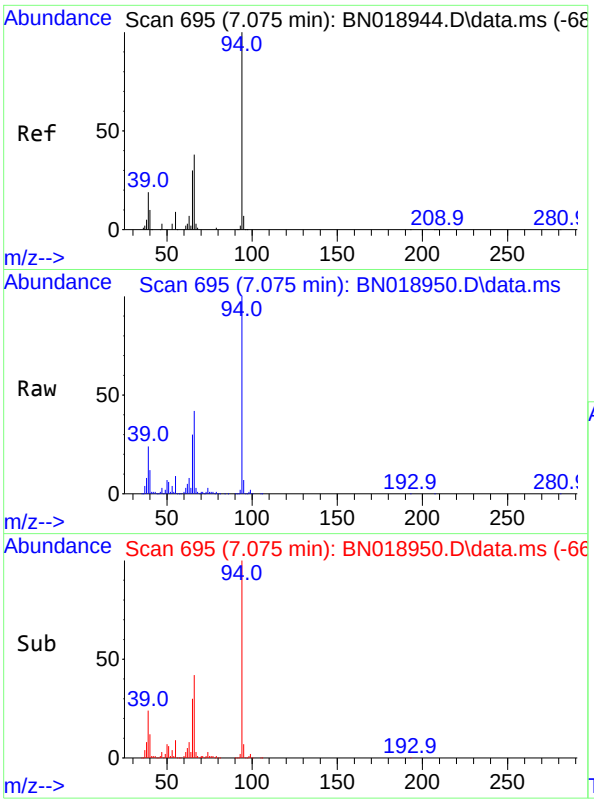


#6
Benzaldehyde
Concen: 26.976 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion: 77 Resp: 207937

Ion	Ratio	Lower	Upper
77	100		
105	95.9	74.7	112.1
106	91.4	70.2	105.4



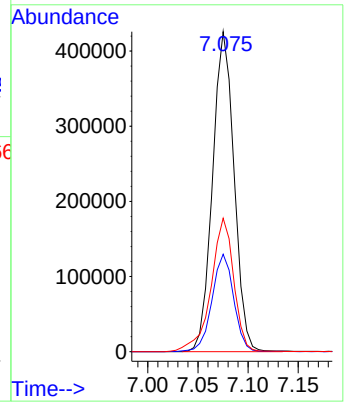


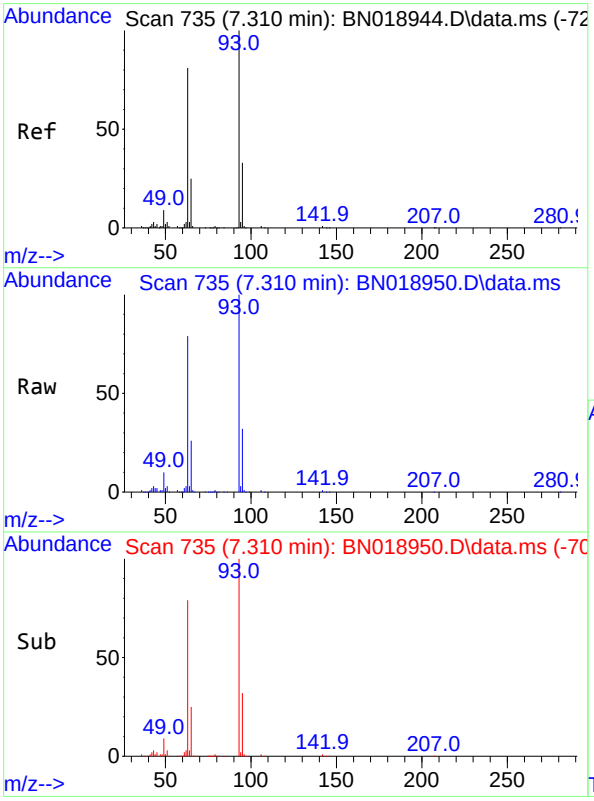
#8
Phenol
Concen: 43.984 ng/ul
RT: 7.075 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion: 94 Resp: 636683

Ion	Ratio	Lower	Upper
94	100		
65	30.4	23.6	35.4
66	41.7	31.2	46.8

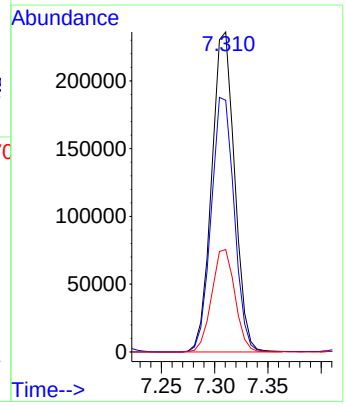


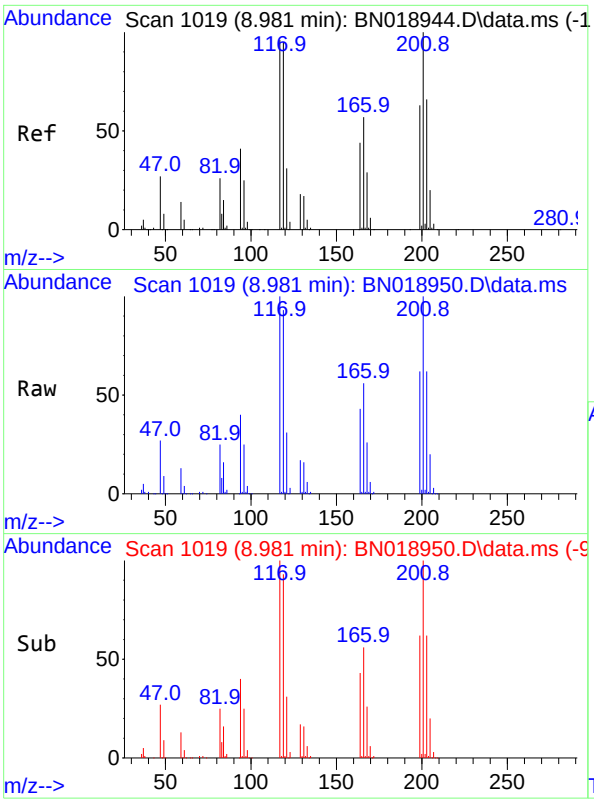


#10
Bis(2-Chloroethyl)ether
Concen: 30.579 ng/ul
RT: 7.310 min Scan# 735
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion: 93 Resp: 353997

Ion	Ratio	Lower	Upper
93	100		
63	78.6	63.4	95.0
95	32.0	26.2	39.2



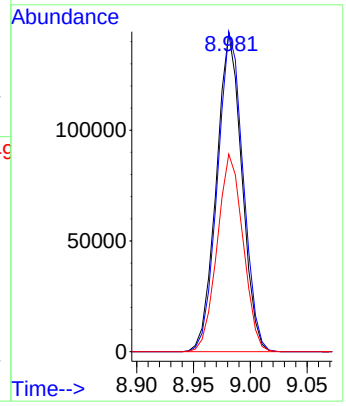


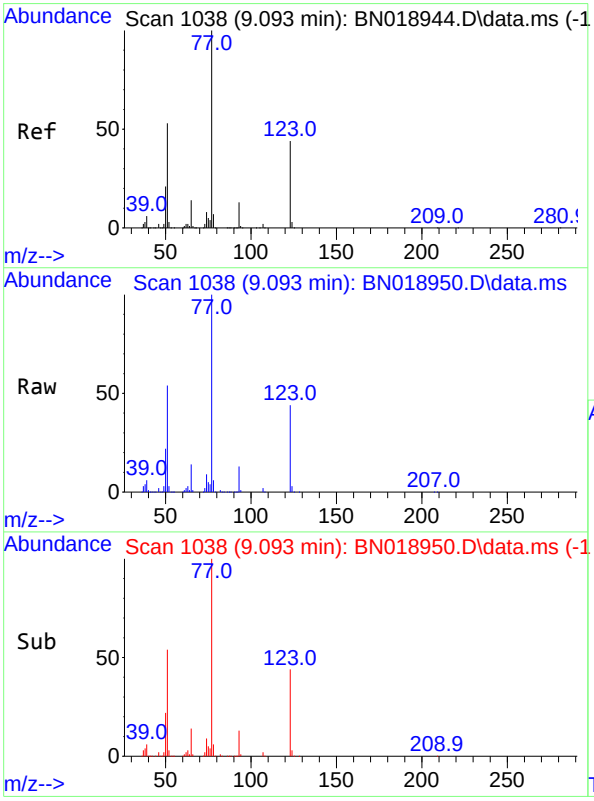
#19
Hexachloroethane
Concen: 48.039 ng/ul
RT: 8.981 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:117 Resp: 224779

Ion	Ratio	Lower	Upper
117	100		
201	100.4	83.2	124.8
199	61.9	50.2	75.4

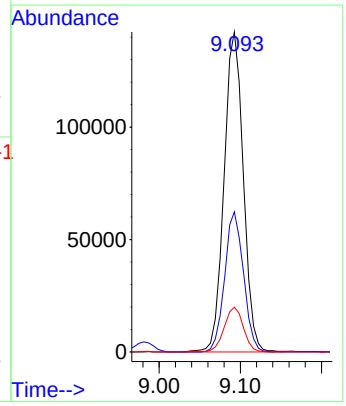


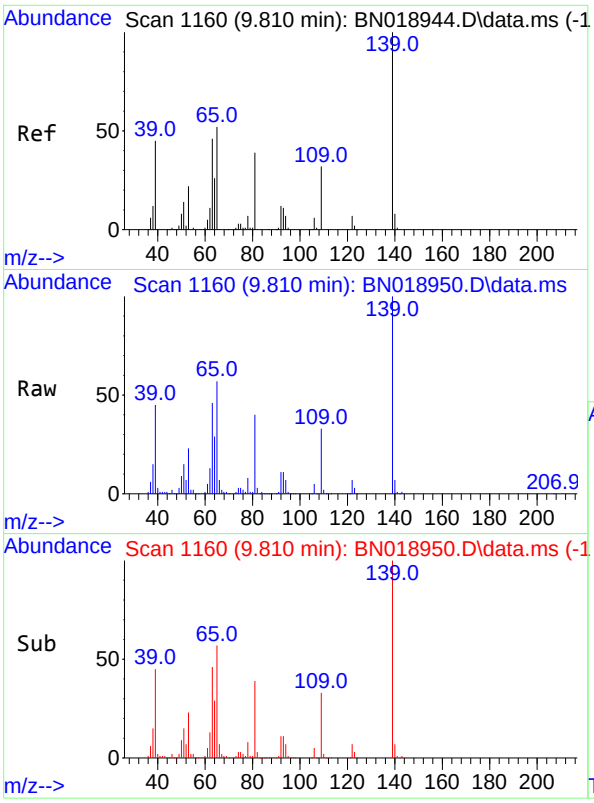


#22
Nitrobenzene
Concen: 17.234 ng/ul
RT: 9.093 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion: 77 Resp: 234961

Ion	Ratio	Lower	Upper
77	100		
123	43.8	34.5	51.7
65	14.0	11.1	16.7



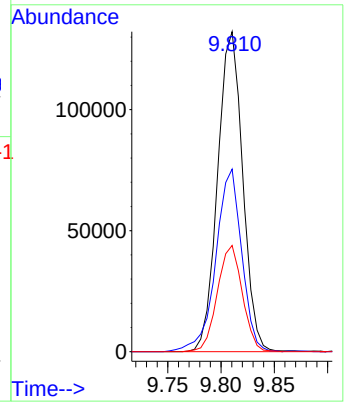


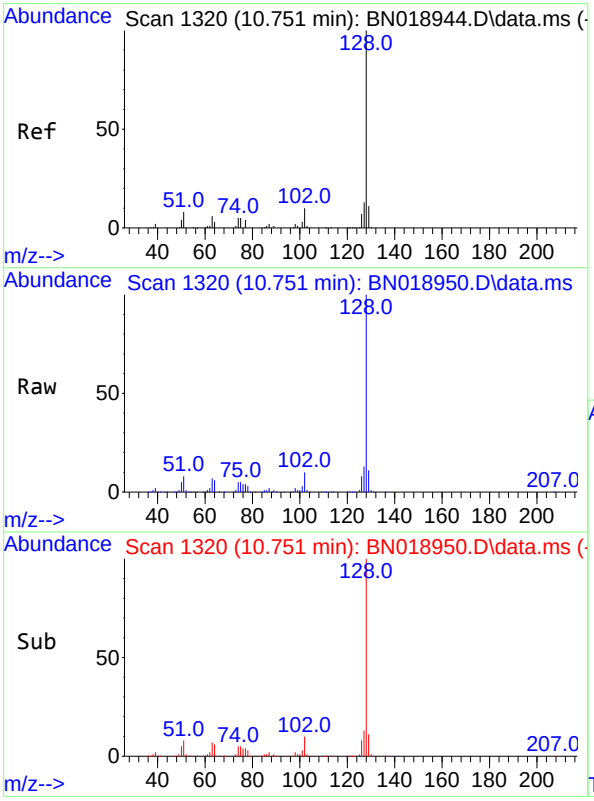
#25
2-Nitrophenol
Concen: 33.900 ng/ul
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:139 Resp: 216153

Ion	Ratio	Lower	Upper
139	100		
65	57.0	43.7	65.5
109	33.2	25.8	38.6

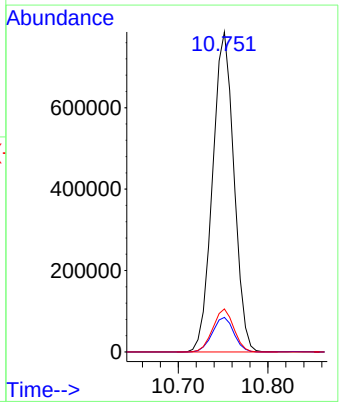


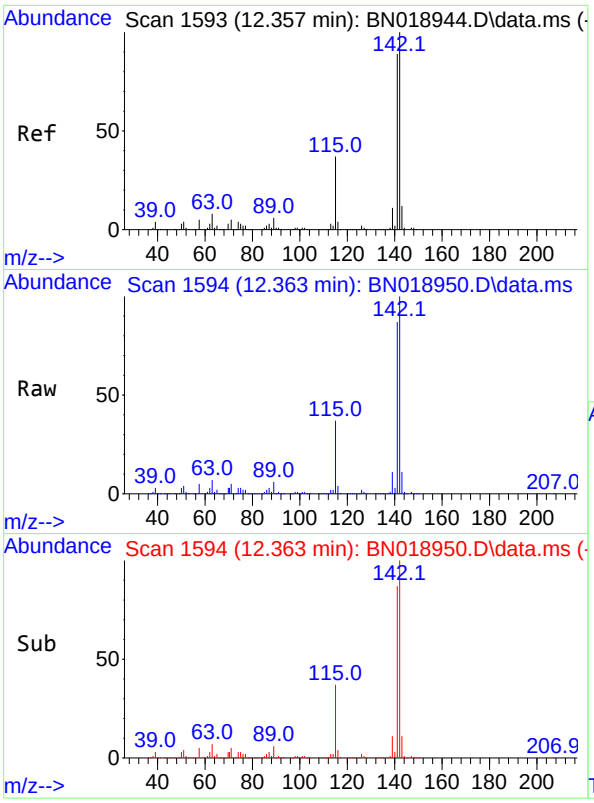


#30
Naphthalene
Concen: 35.426 ng/ul
RT: 10.751 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:128 Resp: 1300496

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.5	10.6	16.0



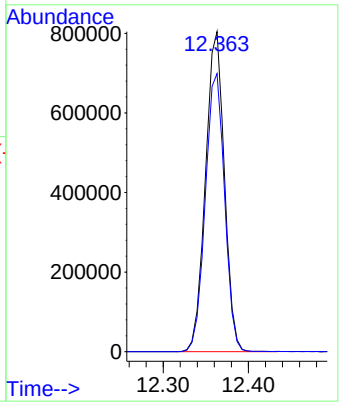


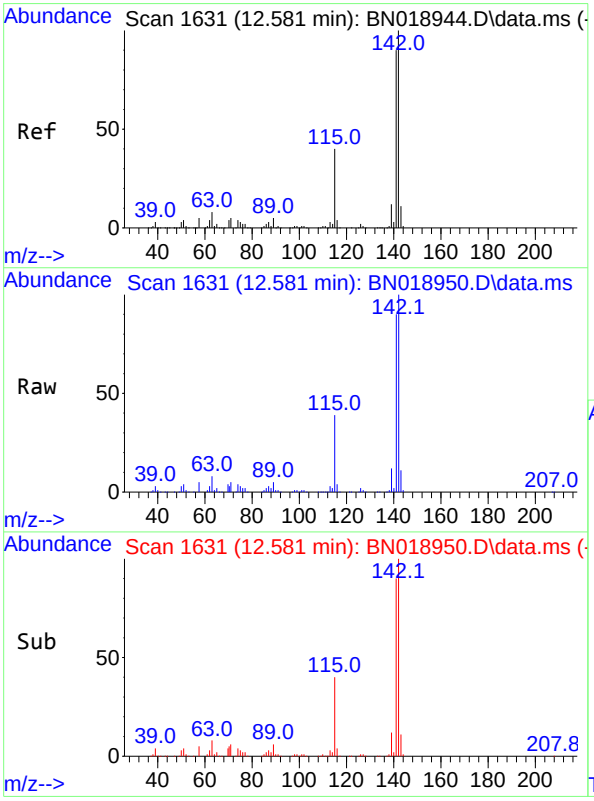
#36
2-Methylnaphthalene
Concen: 49.111 ng/ul
RT: 12.363 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:142 Resp: 1238031

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.6	105.8

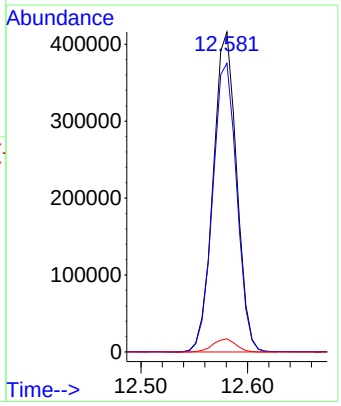


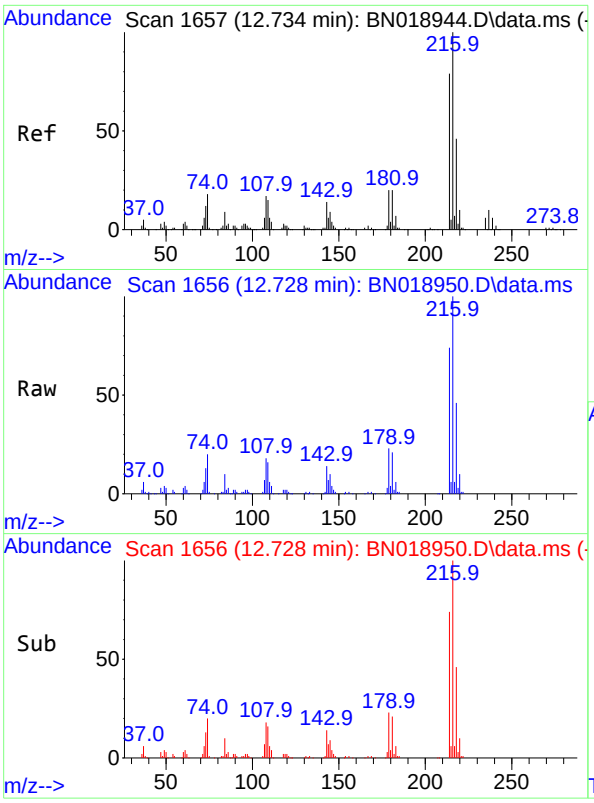


#37
1-Methylnaphthalene
Concen: 24.940 ng/ul
RT: 12.581 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:142 Resp: 636243

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3
116	4.1	3.1	4.7



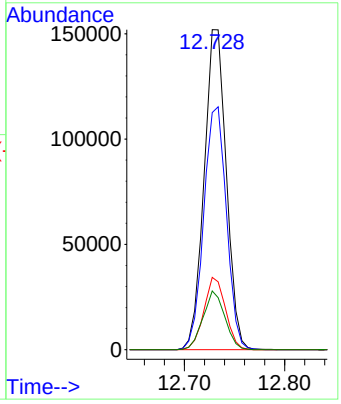


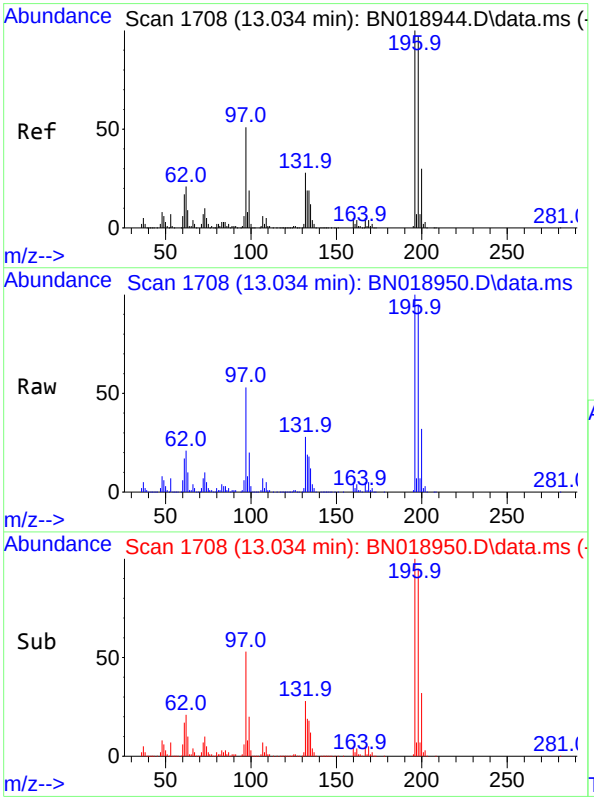
#39
1,2,4,5-Tetrachlorobenzene
Concen: 16.748 ng/ul
RT: 12.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:216 Resp: 234300

Ion	Ratio	Lower	Upper
216	100		
214	74.1	63.4	95.0
179	22.6	17.8	26.8
108	18.3	15.1	22.7

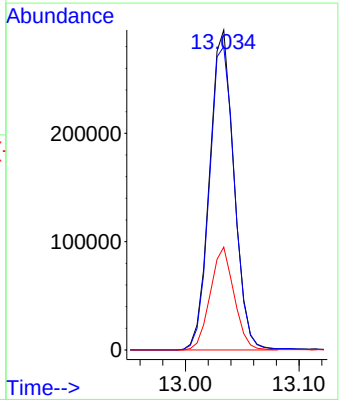


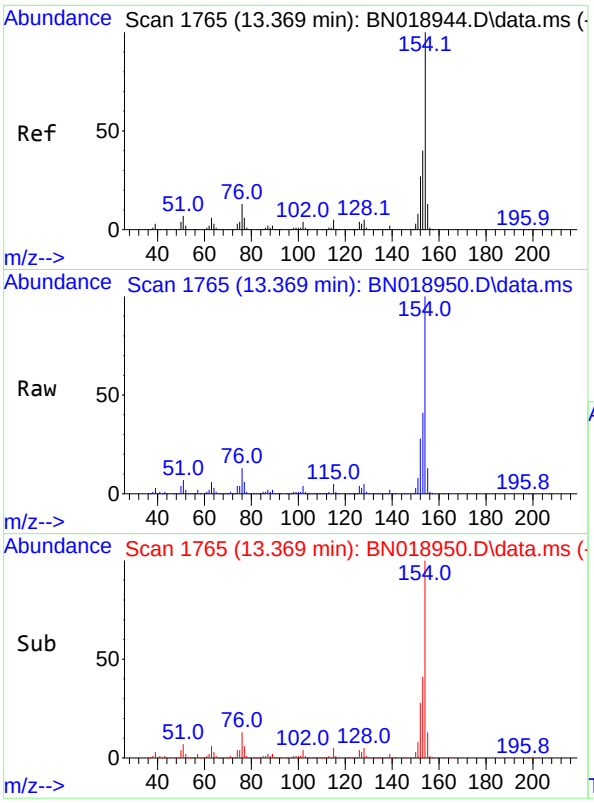


#42
2,4,5-Trichlorophenol
Concen: 45.105 ng/ul
RT: 13.034 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:196 Resp: 440859

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.6	116.4
200	32.1	24.4	36.6



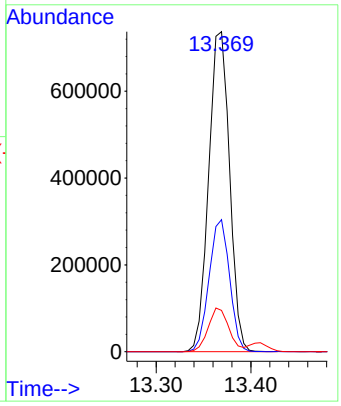


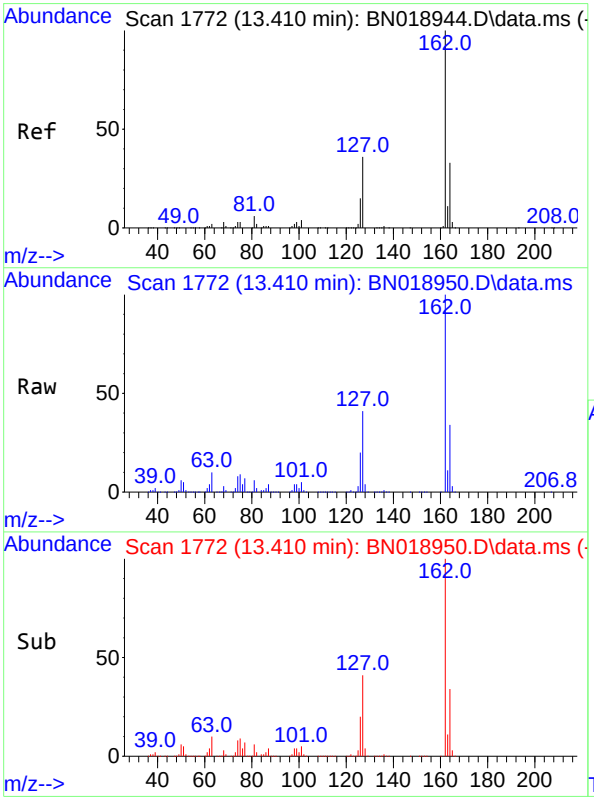
#43
1,1'-Biphenyl
Concen: 32.307 ng/ul
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:154 Resp: 1128850

Ion	Ratio	Lower	Upper
154	100		
153	41.3	31.5	47.3
76	12.9	10.5	15.7

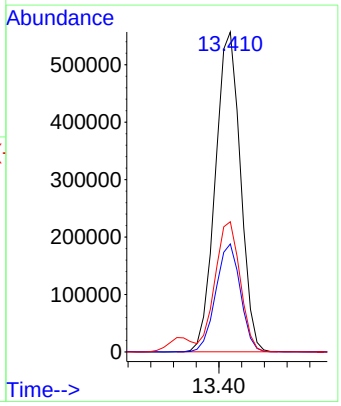


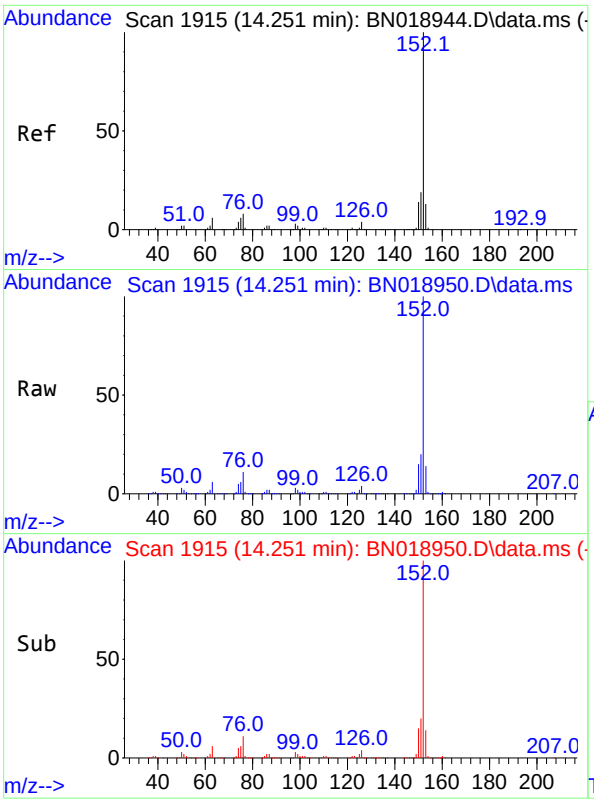


#44
2-Chloronaphthalene
Concen: 31.693 ng/ul
RT: 13.410 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:162 Resp: 854207

Ion	Ratio	Lower	Upper
162	100		
164	33.7	25.8	38.6
127	40.7	31.4	47.2



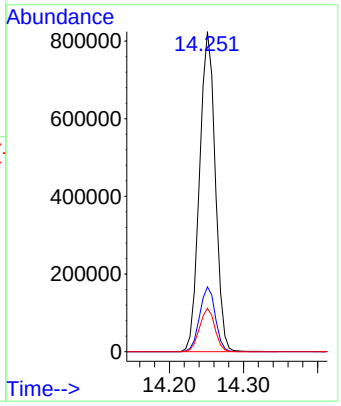


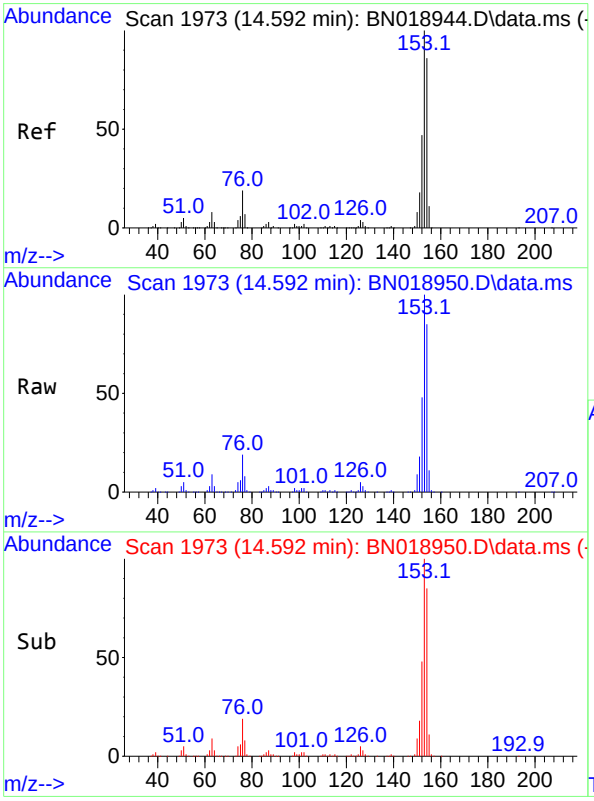
#50
Acenaphthylene
Concen: 28.313 ng/ul
RT: 14.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:152 Resp: 1214310

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.6	10.7	16.1

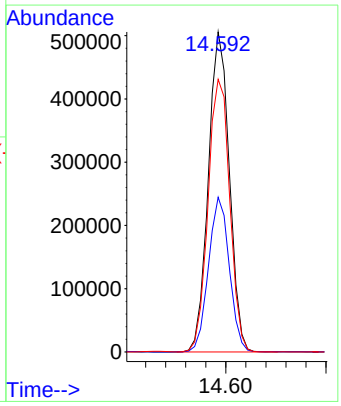


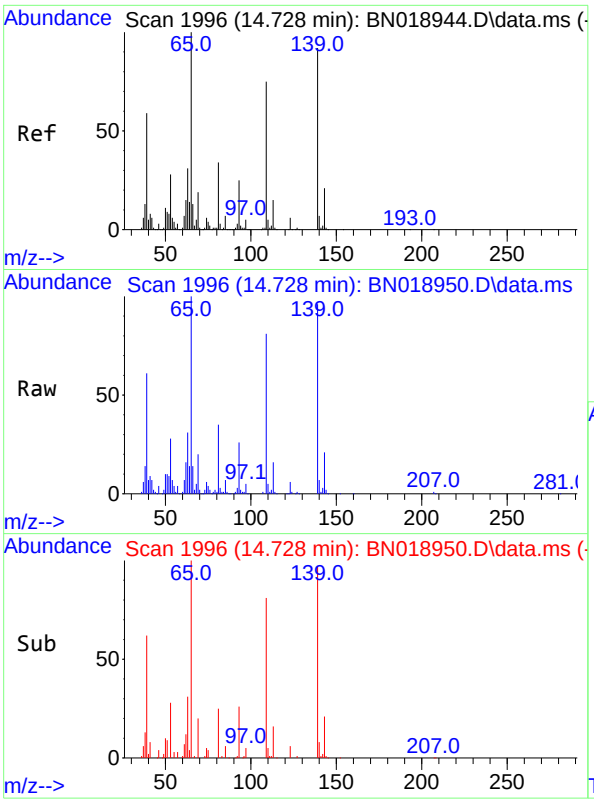


#52
Acenaphthene
Concen: 26.590 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:153 Resp: 736172

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.4	57.6
154	85.2	69.7	104.5



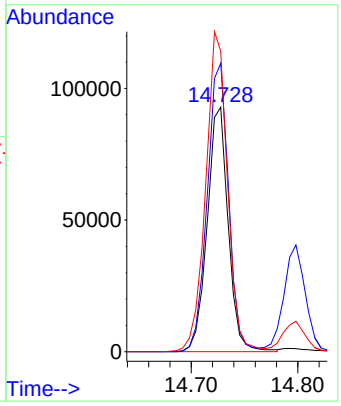


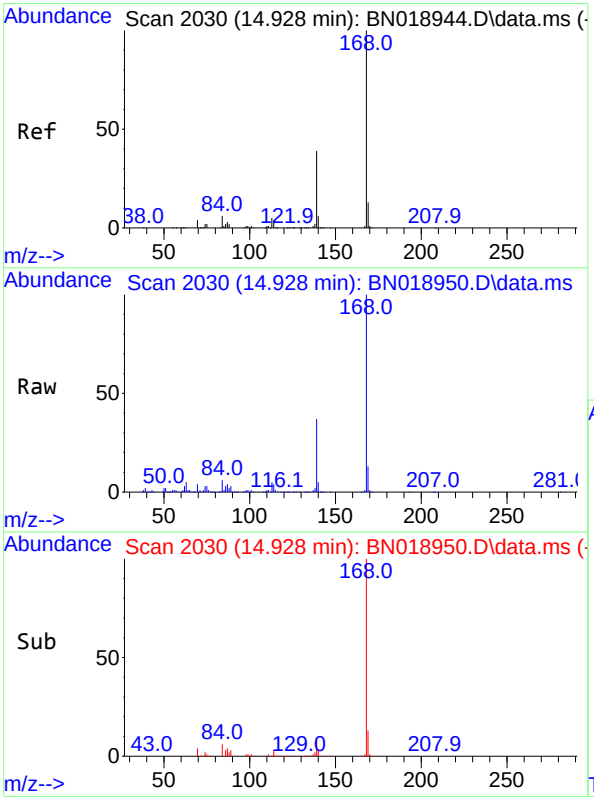
#55
4-Nitrophenol
Concen: 23.605 ng/ul
RT: 14.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:109 Resp: 127131

Ion	Ratio	Lower	Upper
109	100		
139	118.0	100.1	150.1
65	122.9	104.6	157.0

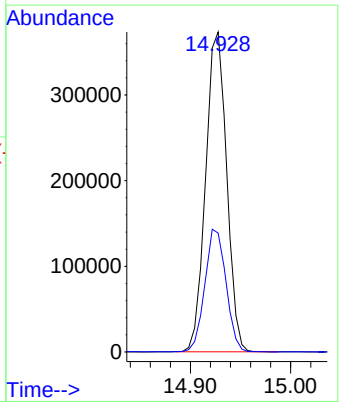


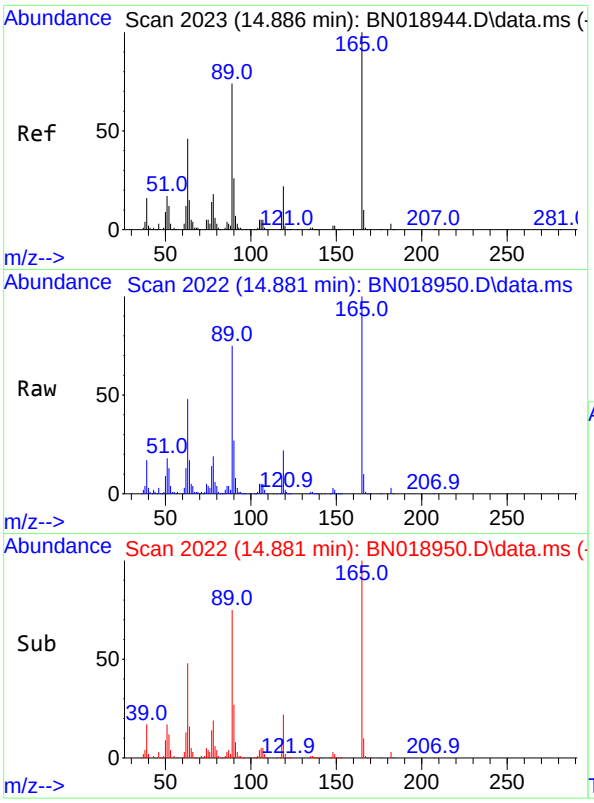


#56
Dibenzofuran
Concen: 13.628 ng/ul
RT: 14.928 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:168 Resp: 544970

Ion	Ratio	Lower	Upper
168	100		
139	37.2	31.1	46.7



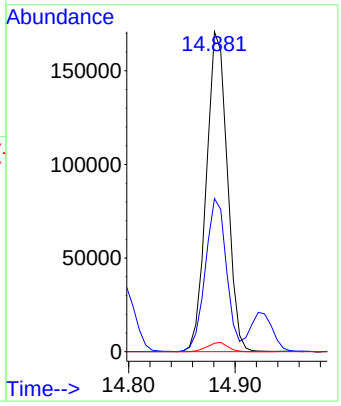


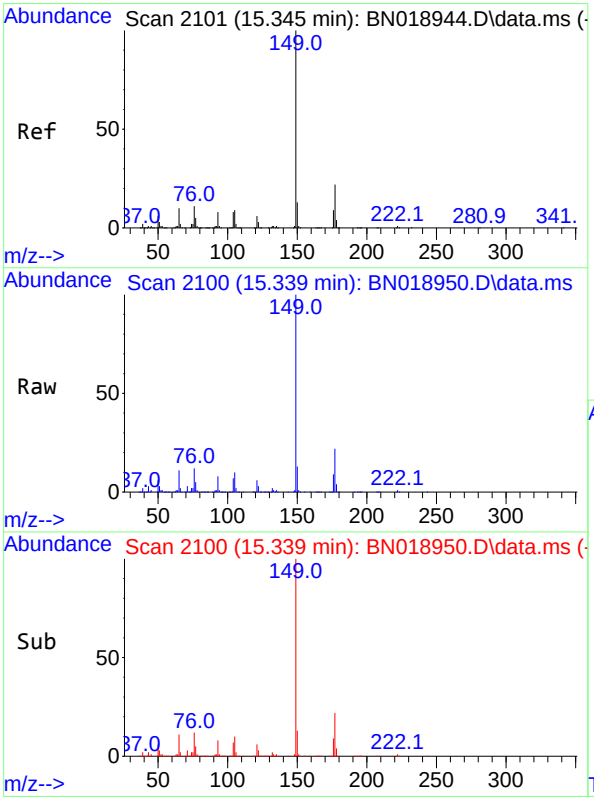
#57
2,4-Dinitrotoluene
Concen: 23.736 ng/ul
RT: 14.881 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:165 Resp: 232629

Ion	Ratio	Lower	Upper
165	100		
63	47.8	36.3	54.5
182	2.6	2.3	3.5

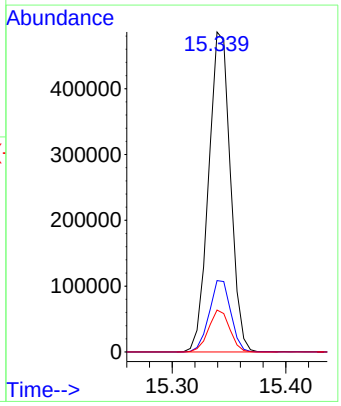


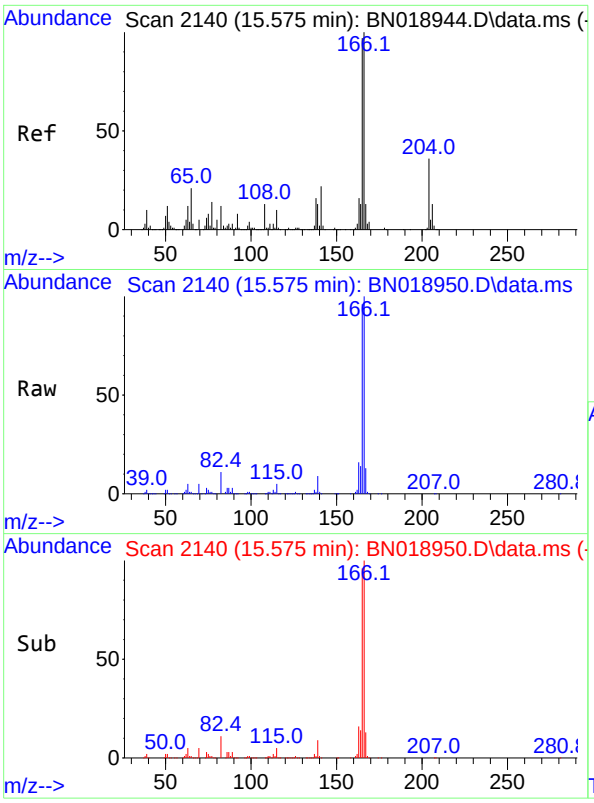


#59
Diethylphthalate
Concen: 18.874 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:149 Resp: 647142

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	13.1	10.5	15.7



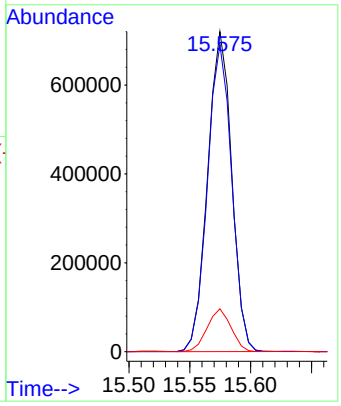


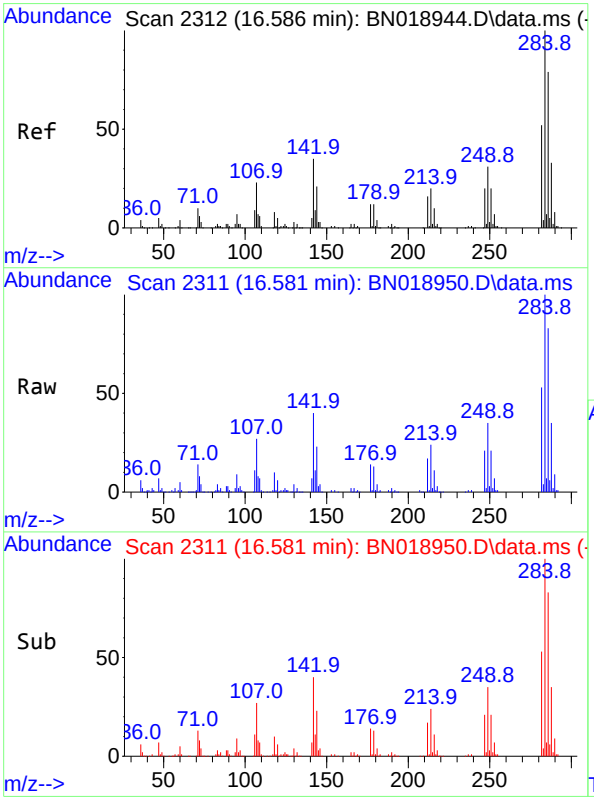
#61
Fluorene
Concen: 31.673 ng/ul
RT: 15.575 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:166 Resp: 988254

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.7	116.5
167	13.4	11.1	16.7

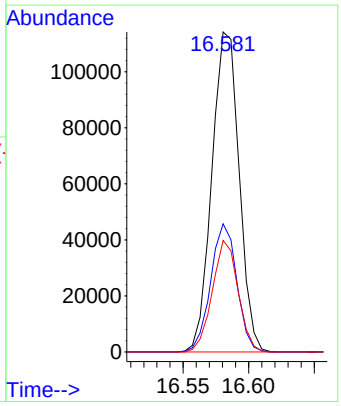


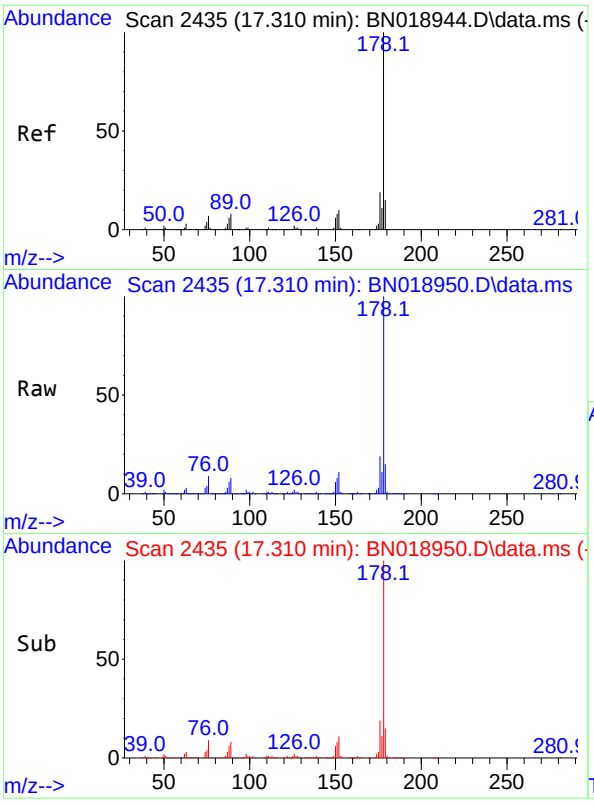


#69
Hexachlorobenzene
Concen: 14.688 ng/ul
RT: 16.581 min Scan# 2311
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:284 Resp: 165053

Ion	Ratio	Lower	Upper
284	100		
142	40.1	27.8	41.8
249	34.8	25.7	38.5



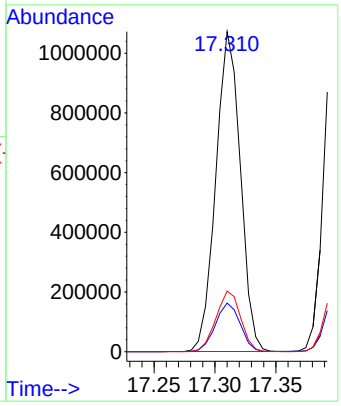


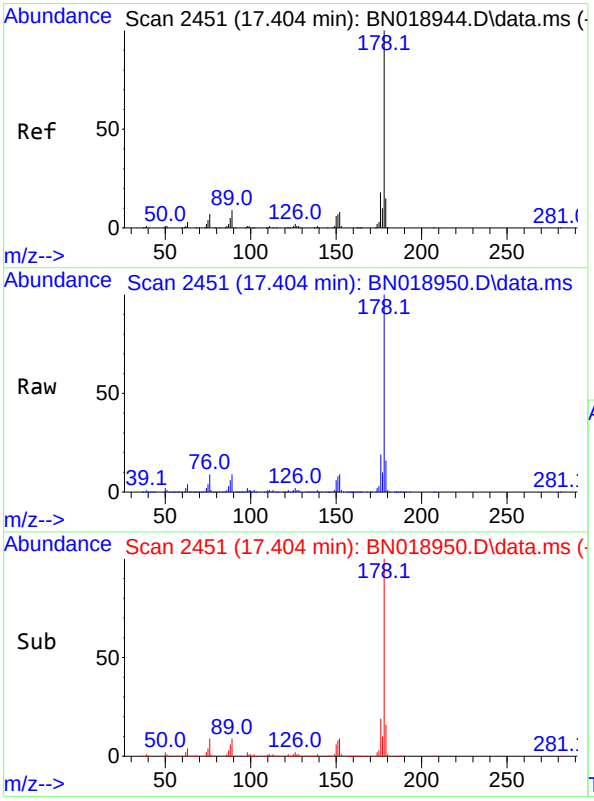
#72
Phenanthrene
Concen: 28.927 ng/ul
RT: 17.310 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:178 Resp: 1501698

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.0	15.2	22.8

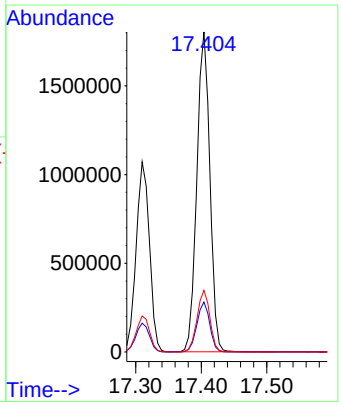


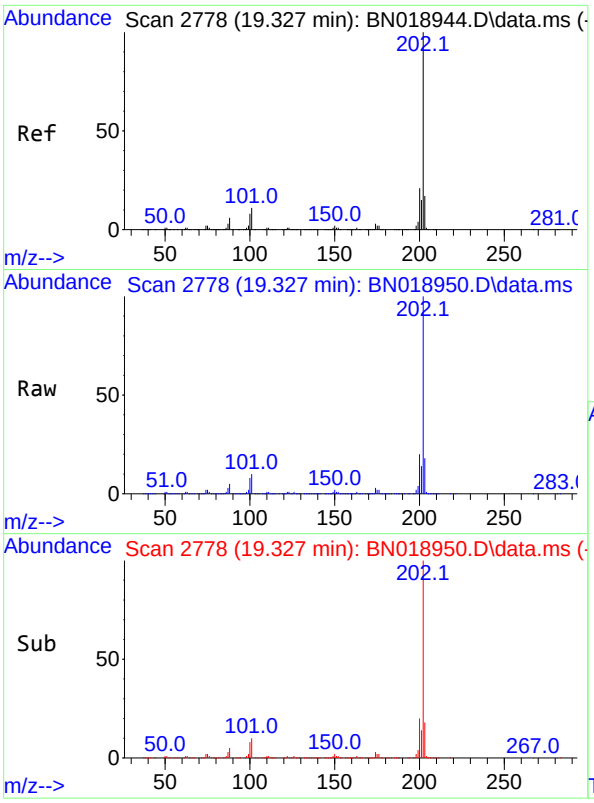


#74
Anthracene
Concen: 47.858 ng/ul
RT: 17.404 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:178 Resp: 2489631

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.4
176	19.3	15.5	23.3



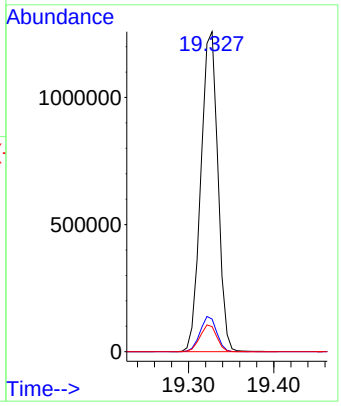


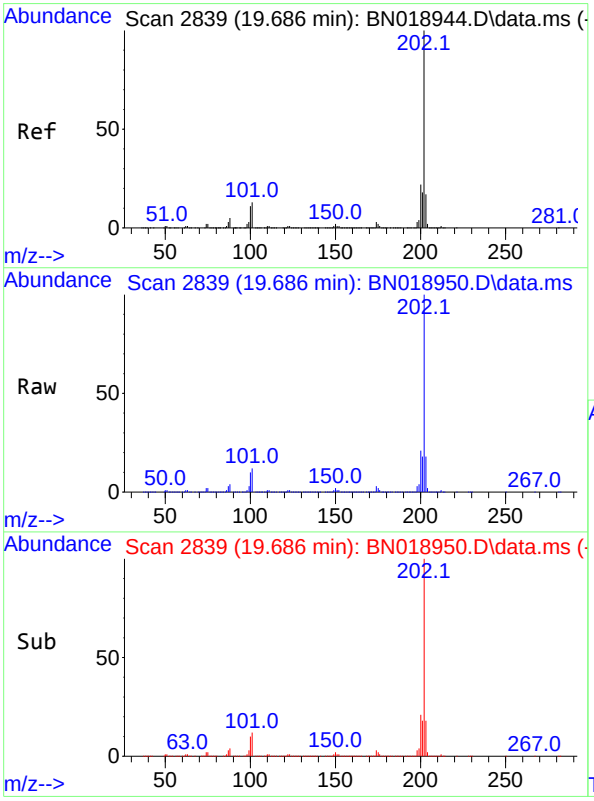
#80
Fluoranthene
Concen: 26.909 ng/ul
RT: 19.327 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:202 Resp: 1743983

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	7.9	6.7	10.1

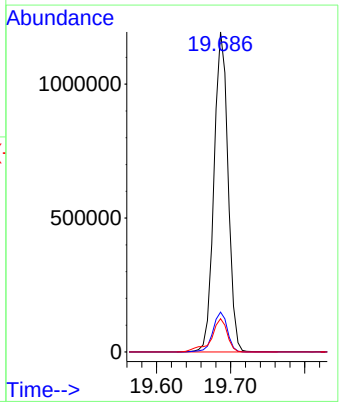


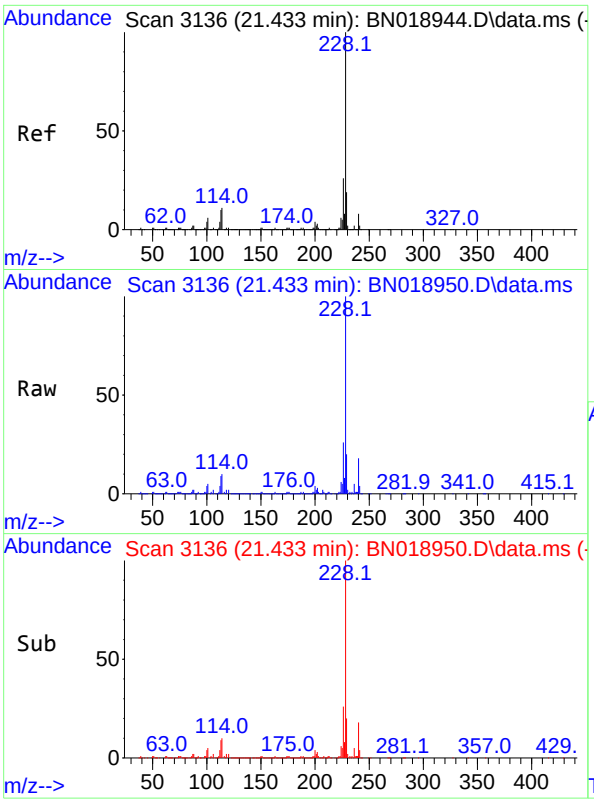


#82
Pyrene
Concen: 23.948 ng/ul
RT: 19.686 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:202 Resp: 1572957

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	10.4	8.0	12.0



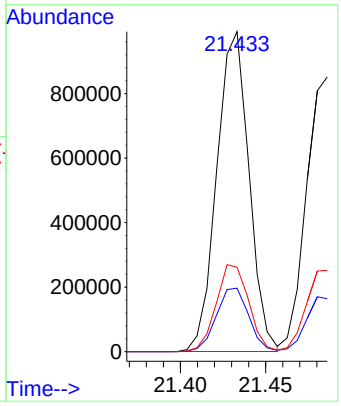


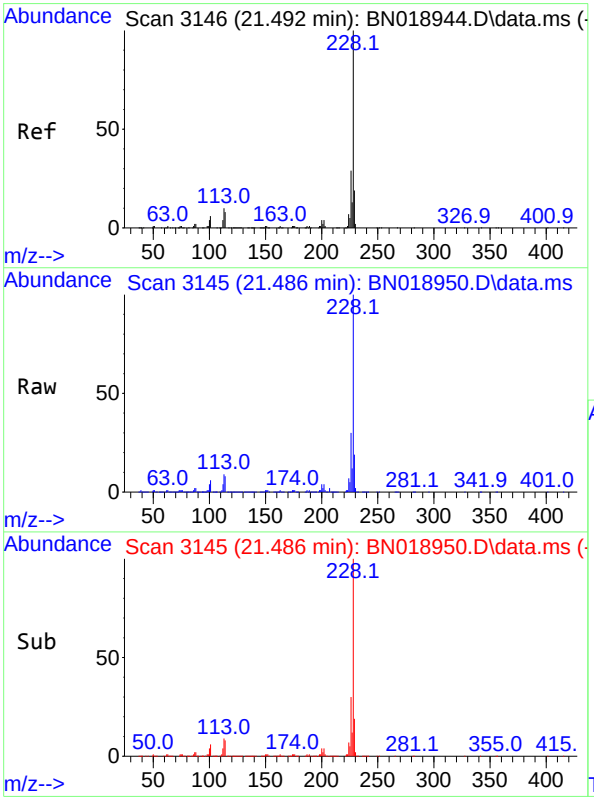
#85
Benzo(a)anthracene
Concen: 22.697 ng/ul
RT: 21.433 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:228 Resp: 1303101

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.3	24.5
226	26.4	23.2	34.8

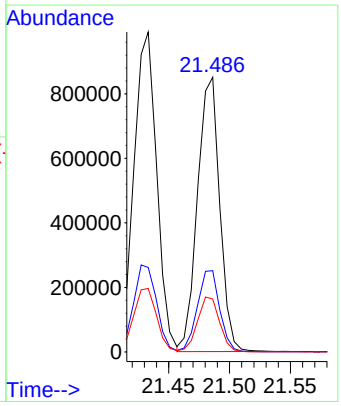


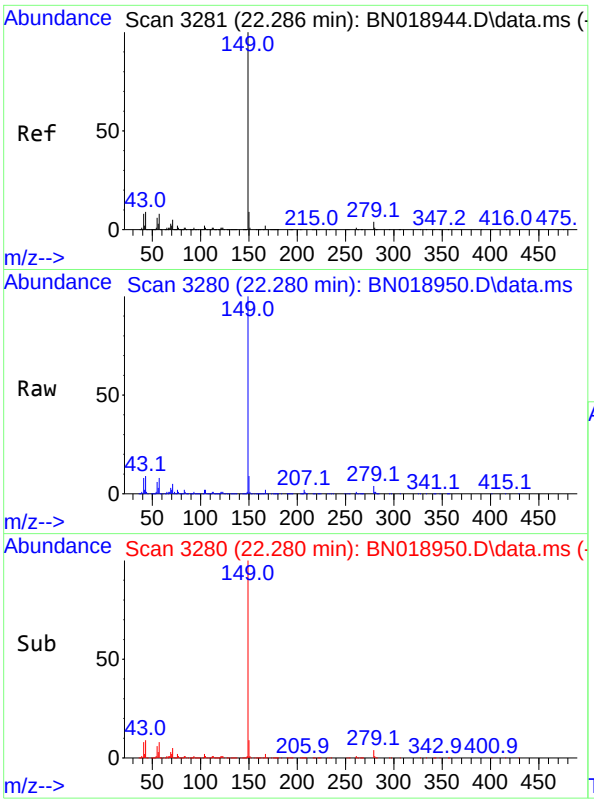


#87
Chrysene
Concen: 19.411 ng/ul
RT: 21.486 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:228 Resp: 1078173

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	19.3	16.2	24.2

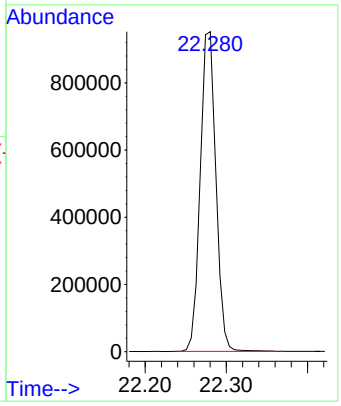


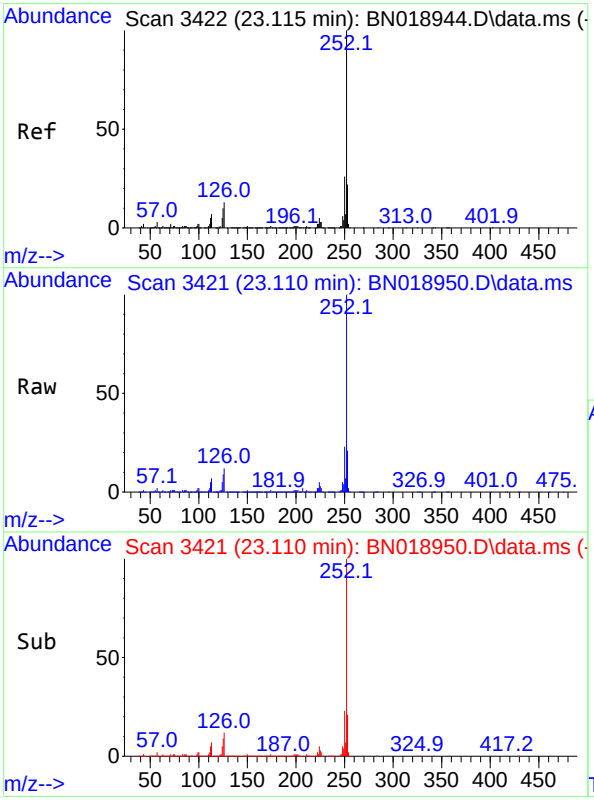


#89
Di-n-octyl phthalate
Concen: 22.196 ng/ul
RT: 22.280 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:149 Resp: 1274188

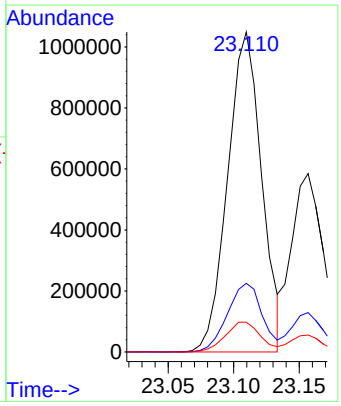


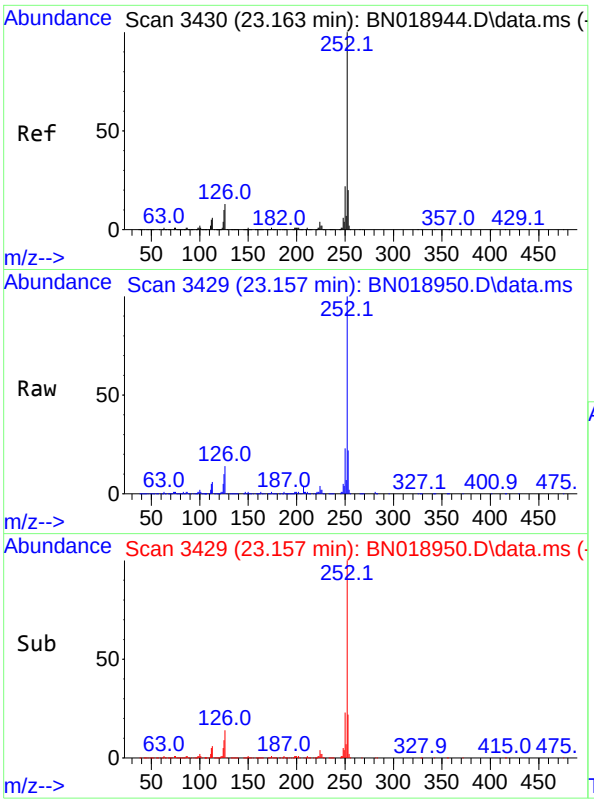


#90
Benzo(b)fluoranthene
Concen: 40.079 ng/ul
RT: 23.110 min Scan# 3421
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:252 Resp: 1890778

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.5	24.7
125	9.3	7.8	11.8



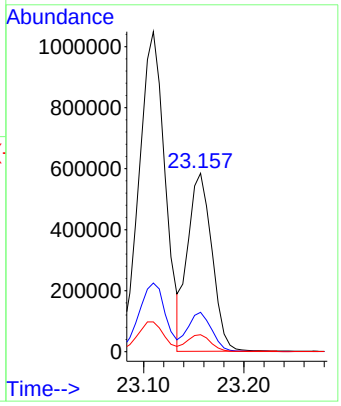


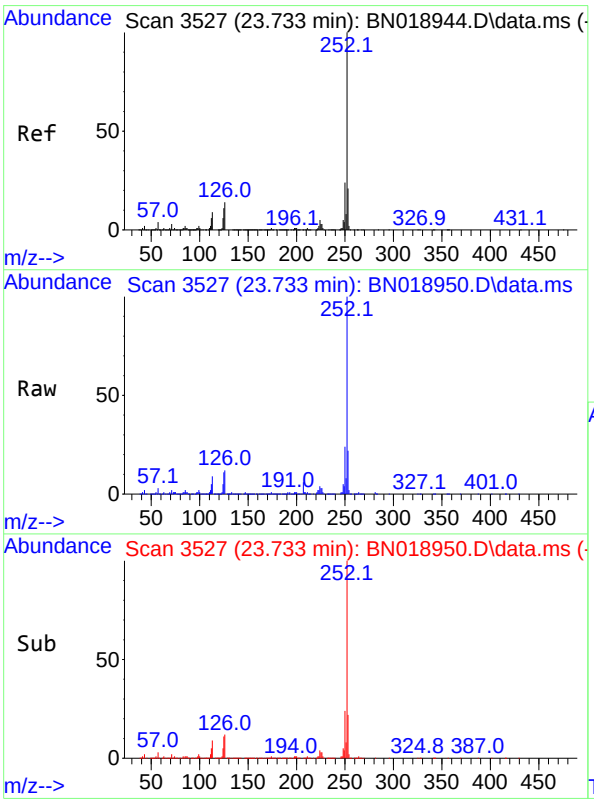
#91
Benzo(k)fluoranthene
Concen: 22.351 ng/ul
RT: 23.157 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:252 Resp: 979575

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.5	8.2	12.4

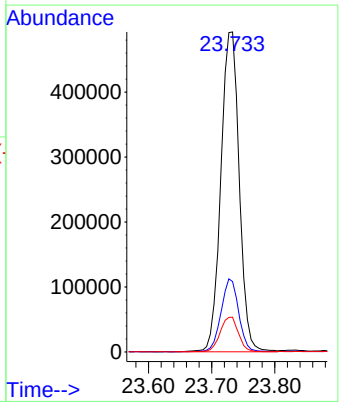


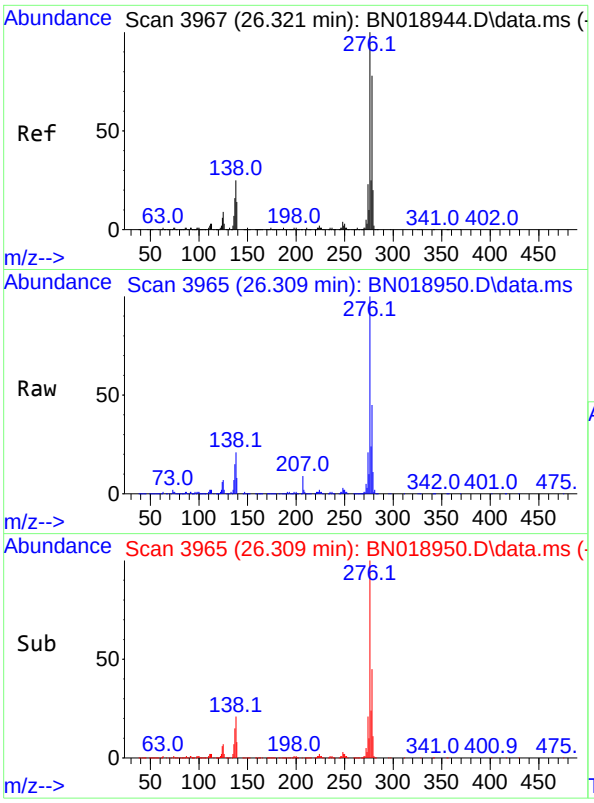


#93
Benzo(a)pyrene
Concen: 22.889 ng/ul
RT: 23.733 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:252 Resp: 995161

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.7	28.1
125	10.8	9.2	13.8



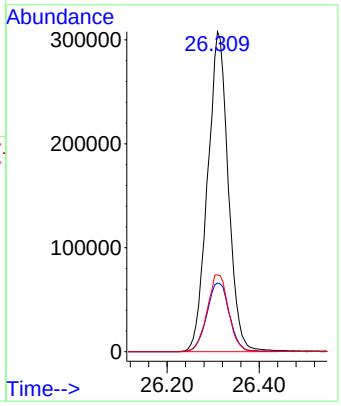


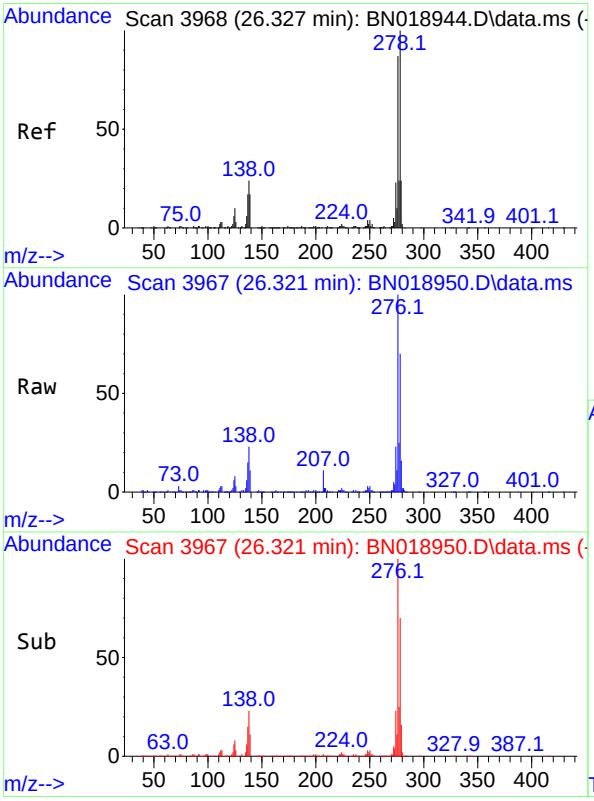
#94
Indeno(1,2,3-cd)pyrene
Concen: 21.338 ng/ul
RT: 26.309 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:276 Resp: 957774

Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.5	29.3
277	24.0	21.4	32.0

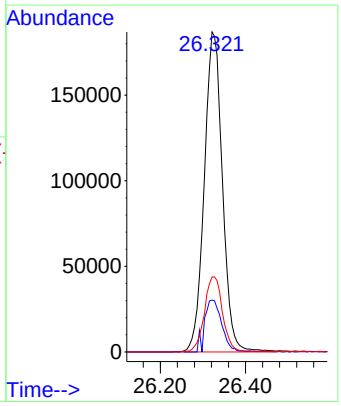


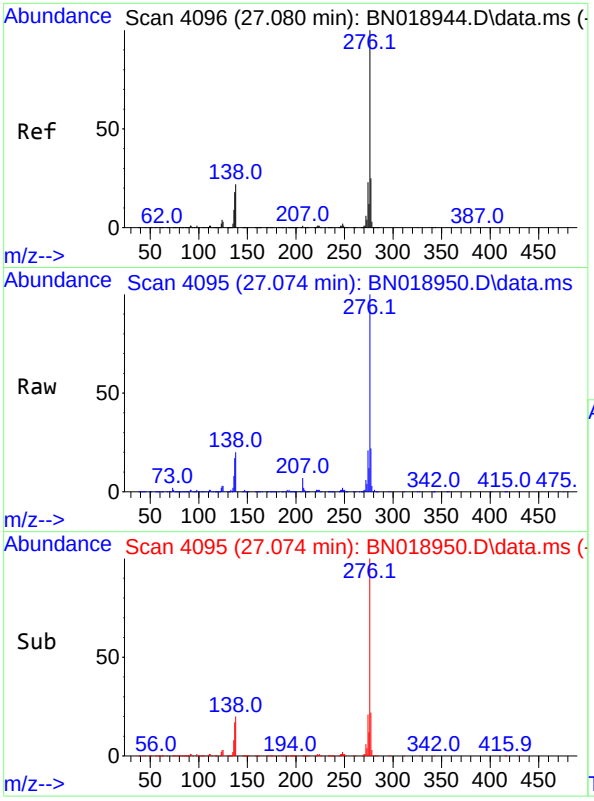


#95
Dibenzo(a,h)anthracene
Concen: 14.279 ng/ul
RT: 26.321 min Scan# 3967
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Tgt Ion:278 Resp: 552577

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.8	20.8
279	23.5	18.3	27.5





#96
Benzo(g,h,i)perylene
Concen: 34.145 ng/ul
RT: 27.074 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN018950.D
Acq: 15 Mar 2022 16:11

Instrument :
BNA_N
ClientSampleId :
DBSJ8

Tgt Ion:276 Resp: 1299104

Ion	Ratio	Lower	Upper
276	100		
138	19.5	17.0	25.6
277	22.3	17.8	26.6