Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017344.D
Acq On : 09 Nov 2021 11:39
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 09 12:08:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 11:50:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	26800	0.400	ng		0.00
7) Naphthalene-d8	10.320	136	111476	0.400	ng		0.00
13) Acenaphthene-d10	14.182	164	65011	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	119967	0.400	ng		0.00
29) Chrysene-d12	21.144	240	116067	0.400	ng		0.00
35) Perylene-d12	23.335	264	111688	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.164	112	49360	0.760	ng		0.00
5) Phenol-d6	6.740	99	54318	0.768	ng		0.00
8) Nitrobenzene-d5	8.685	82	56909	0.832	ng		0.00
11) 2-Methylnaphthalene-d10	11.911	152	141417	0.899	ng		0.00
14) 2,4,6-Tribromophenol	15.679	330	17829	0.789	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	200902	0.823	ng		0.00
27) Fluoranthene-d10	18.975	212	249748	0.818	ng		0.00
31) Terphenyl-d14	19.591	244	212215	0.837	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	12766	0.669	ng		97
3) n-Nitrosodimethylamine	3.476	42	18789	0.745	ng		98
6) bis(2-Chloroethyl)ether	6.989	93	58684	0.804	ng		99
9) Naphthalene	10.358	128	236037	0.786	ng		100
10) Hexachlorobutadiene	10.649	225	45849	0.839	ng	#	100
12) 2-Methylnaphthalene	11.987	142	167665	0.907	ng		99
16) Acenaphthylene	13.902	152	220353	0.825	ng		100
17) Acenaphthene	14.245	154	147592	0.825	ng		99
18) Fluorene	15.235	166	178478	0.843	ng		100
20) 4,6-Dinitro-2-methylph...	15.336	198	7146	0.565	ng		96
21) 4-Bromophenyl-phenylether	16.131	248	55064	0.819	ng		98
22) Hexachlorobenzene	16.240	284	61192	0.848	ng		100
23) Atrazine	16.423	200	35635	0.782	ng		99
24) Pentachlorophenol	16.593	266	17780	0.782	ng		99
25) Phenanthrene	16.970	178	283173	0.842	ng		100
26) Anthracene	17.068	178	237507	0.820	ng		100
28) Fluoranthene	19.005	202	314021	0.852	ng		100
30) Pyrene	19.367	202	308374	0.831	ng		100
32) Benzo(a)anthracene	21.123	228	281072	0.780	ng		100
33) Chrysene	21.176	228	296808	0.807	ng		100
34) Bis(2-ethylhexyl)phtha...	21.080	149	92311	0.532	ng		100
36) Indeno(1,2,3-cd)pyrene	25.543	276	319962	0.812	ng		100
37) Benzo(b)fluoranthene	22.678	252	299054	0.832	ng		100
38) Benzo(k)fluoranthene	22.719	252	303487	0.851	ng		99
39) Benzo(a)pyrene	23.240	252	262671	0.810	ng		99
40) Dibenzo(a,h)anthracene	25.564	278	259478	0.816	ng		100
41) Benzo(g,h,i)perylene	26.218	276	270916	0.784	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017344.D
Acq On : 09 Nov 2021 11:39
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Nov 09 12:08:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 11:50:44 2021
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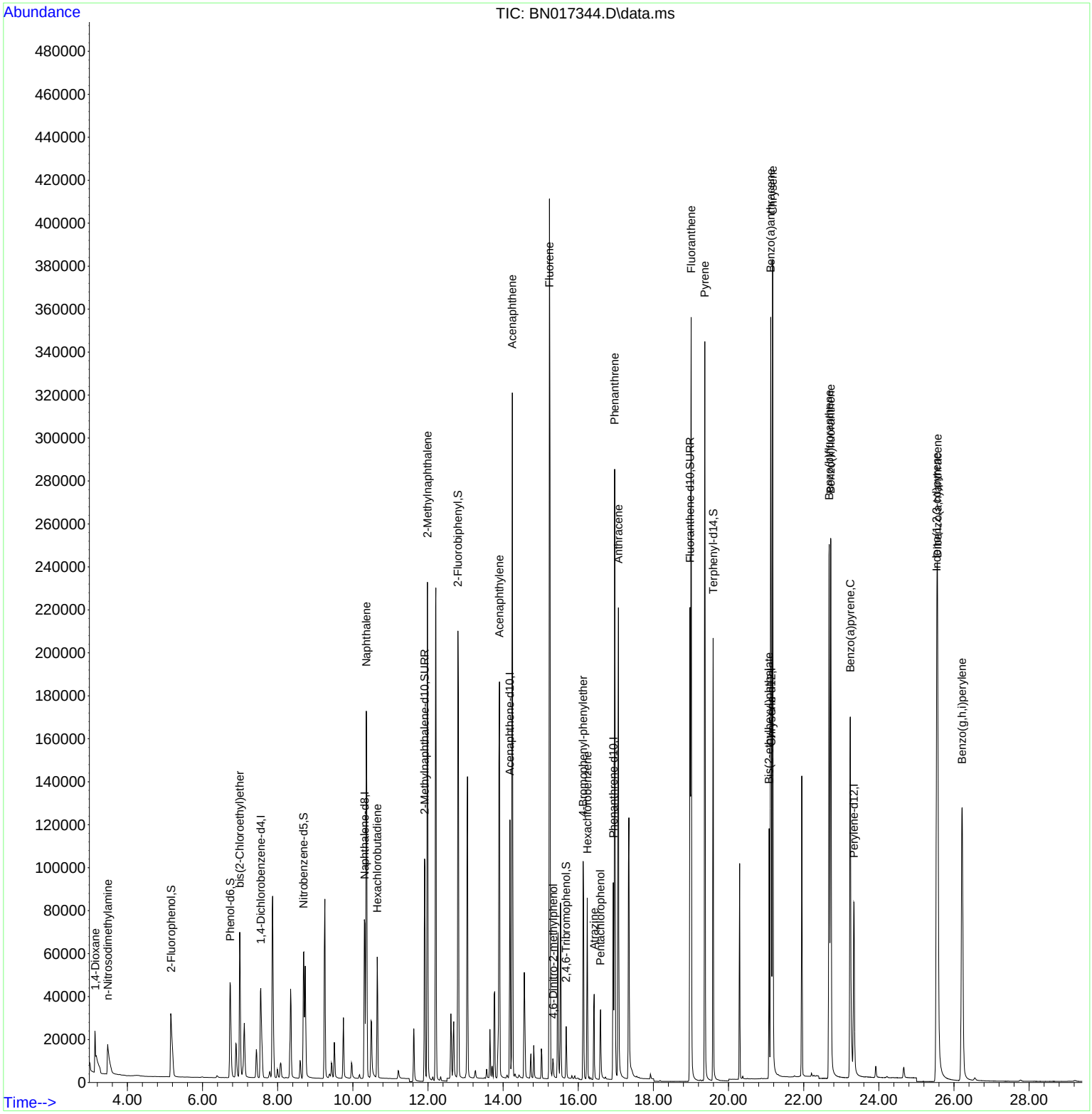
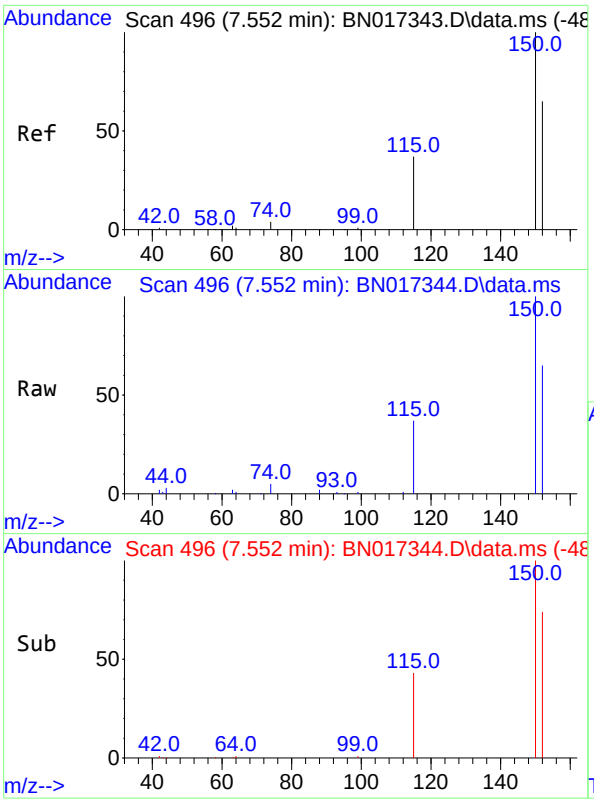


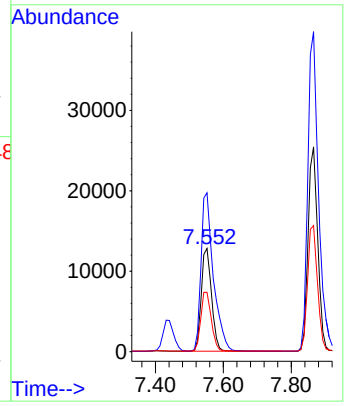


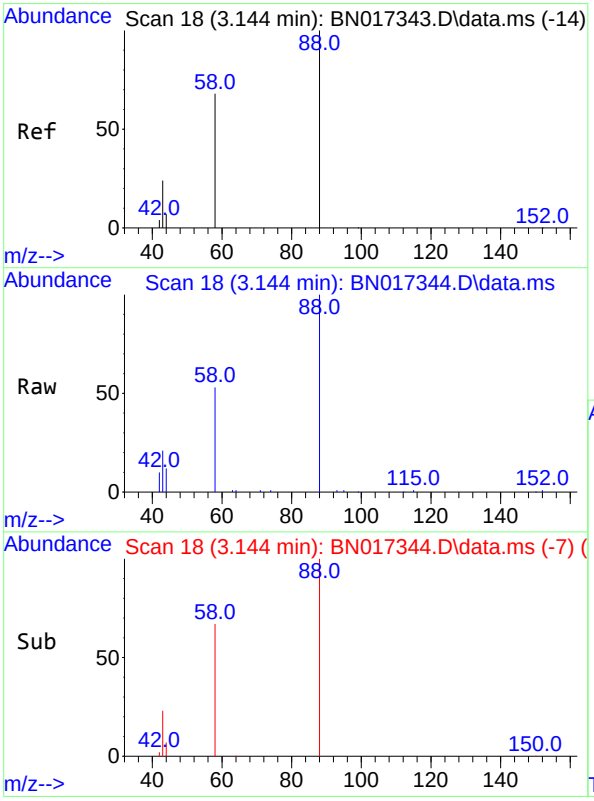
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 26800

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.0	184.4
115	57.5	45.6	68.4

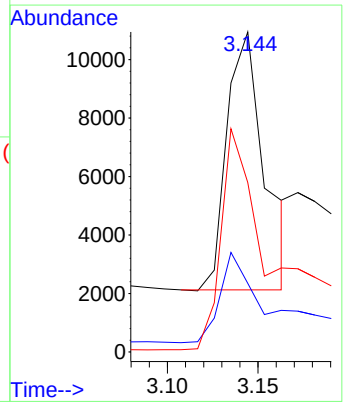


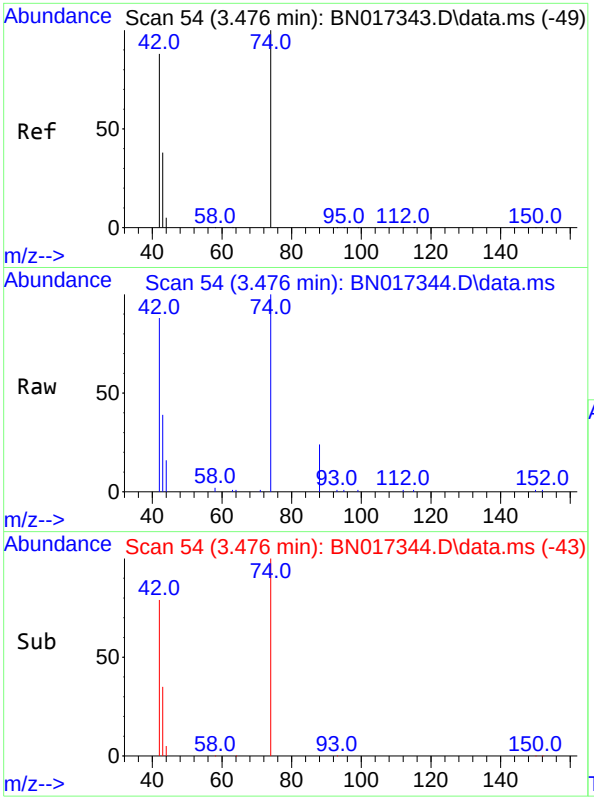


#2
1,4-Dioxane
Concen: 0.669 ng
RT: 3.144 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion: 88 Resp: 12766

Ion	Ratio	Lower	Upper
88	100		
43	30.1	24.7	37.1
58	75.6	63.0	94.6



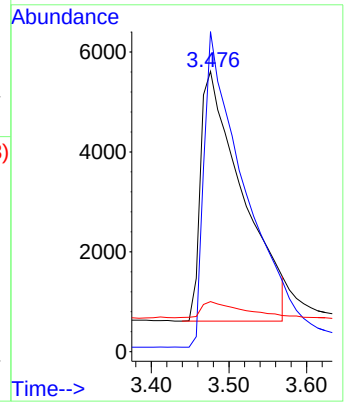


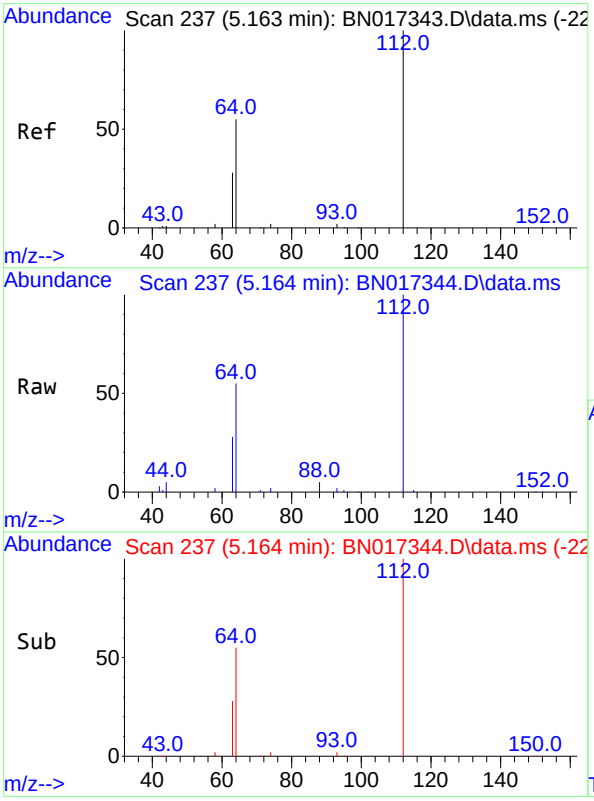
#3
n-Nitrosodimethylamine
Concen: 0.745 ng
RT: 3.476 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 18789

Ion	Ratio	Lower	Upper
42	100		
74	120.4	97.8	146.6
44	6.3	5.5	8.3

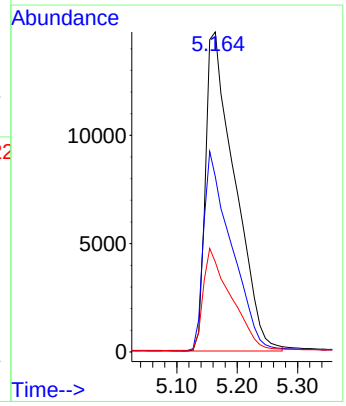


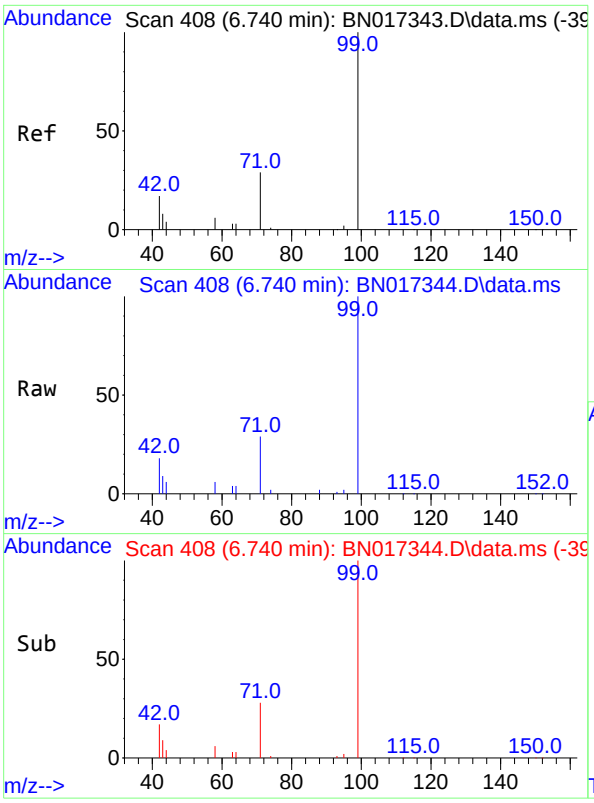


#4
2-Fluorophenol
Concen: 0.760 ng
RT: 5.164 min Scan# 237
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:112 Resp: 49360

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.6	71.4
63	30.4	24.6	37.0



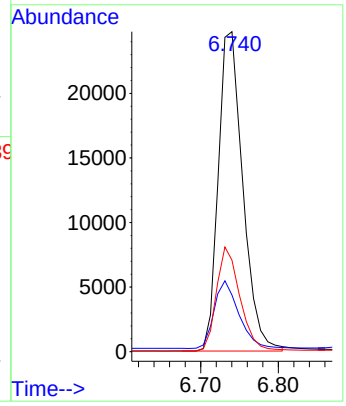


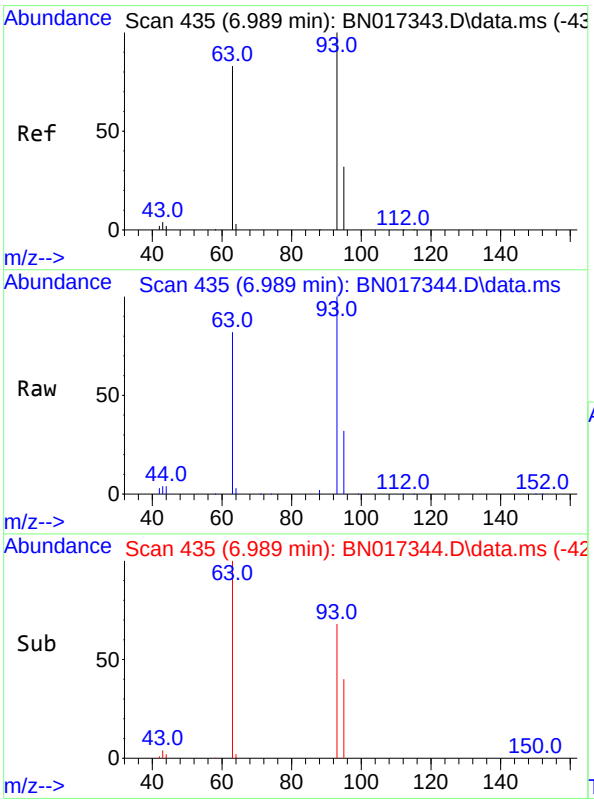
#5
Phenol-d6
Concen: 0.768 ng
RT: 6.740 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 54318

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	31.1	24.8	37.2

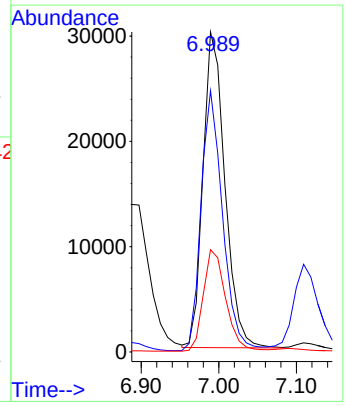


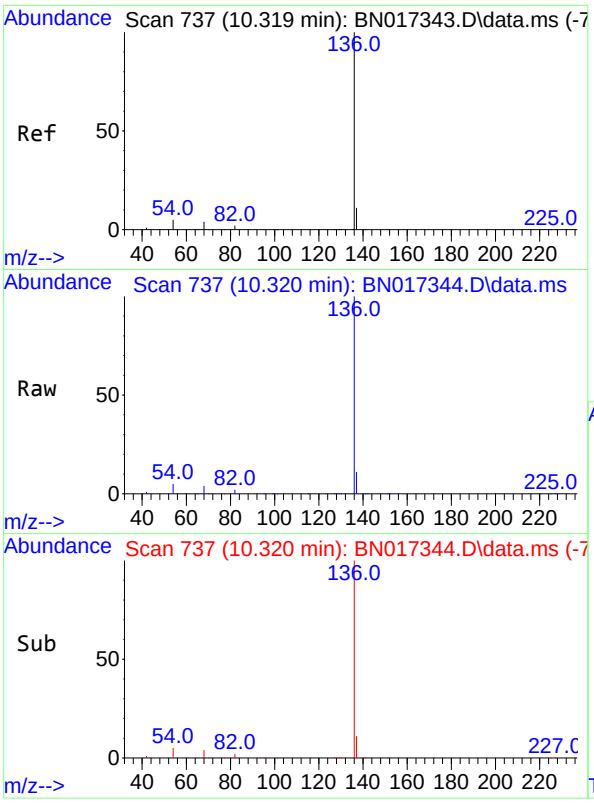


#6
bis(2-Chloroethyl)ether
Concen: 0.804 ng
RT: 6.989 min Scan# 435
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion: 93 Resp: 58684

Ion	Ratio	Lower	Upper
93	100		
63	80.9	65.8	98.6
95	32.9	26.6	39.8



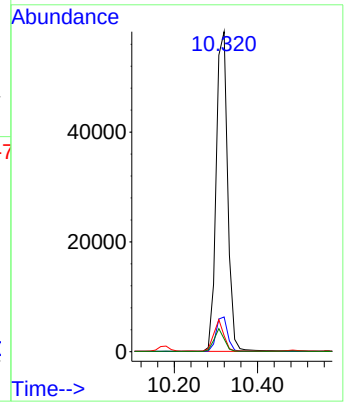


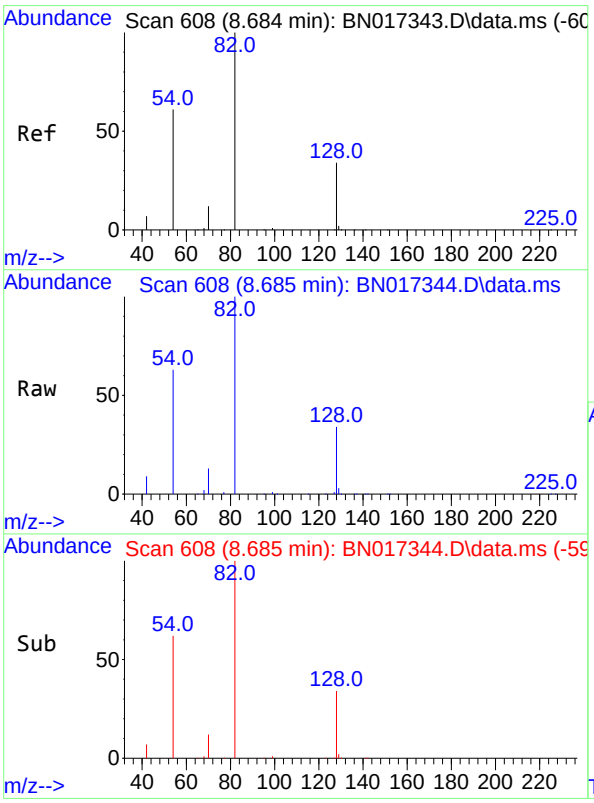
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.320 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 111476

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.0	4.0	6.0
68	4.0	3.0	4.6

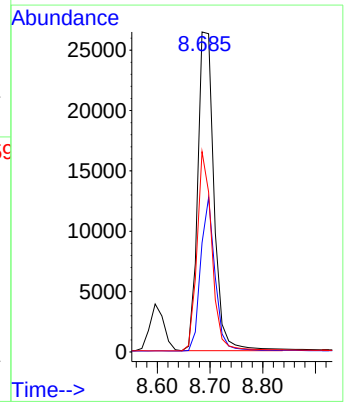


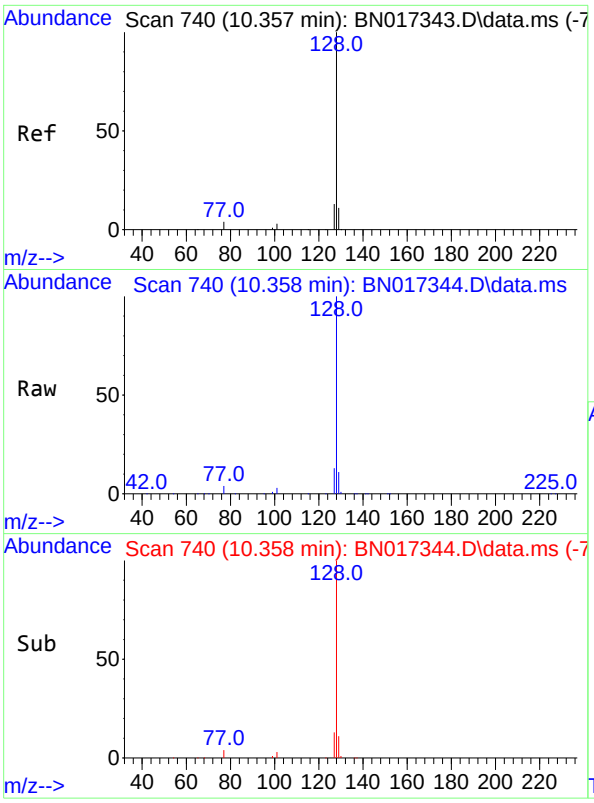


#8
Nitrobenzene-d5
Concen: 0.832 ng
RT: 8.685 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion: 82 Resp: 56909

Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.7	41.5
54	62.6	49.2	73.8



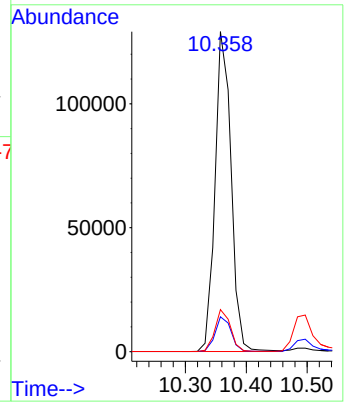


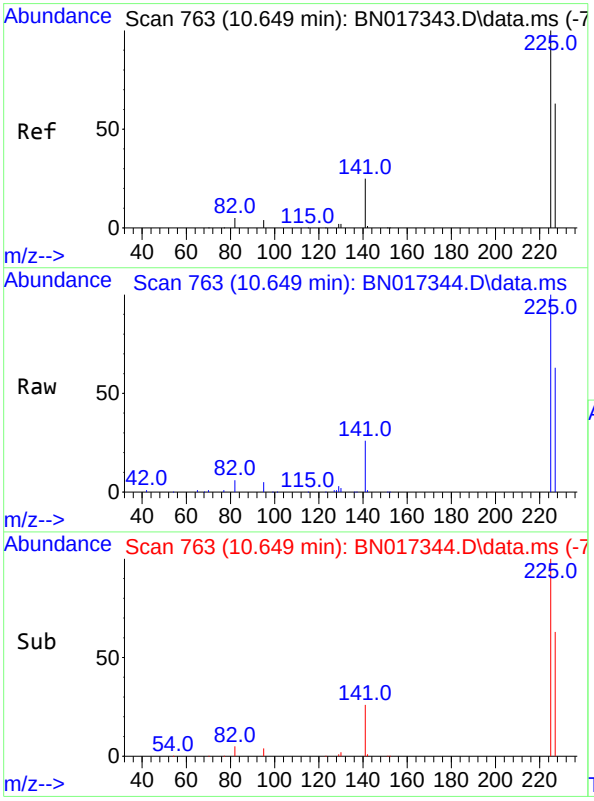
#9
Naphthalene
Concen: 0.786 ng
RT: 10.358 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 236037

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.6	15.8

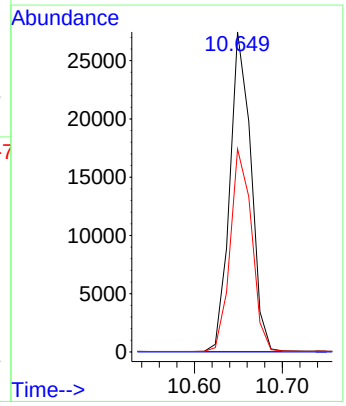


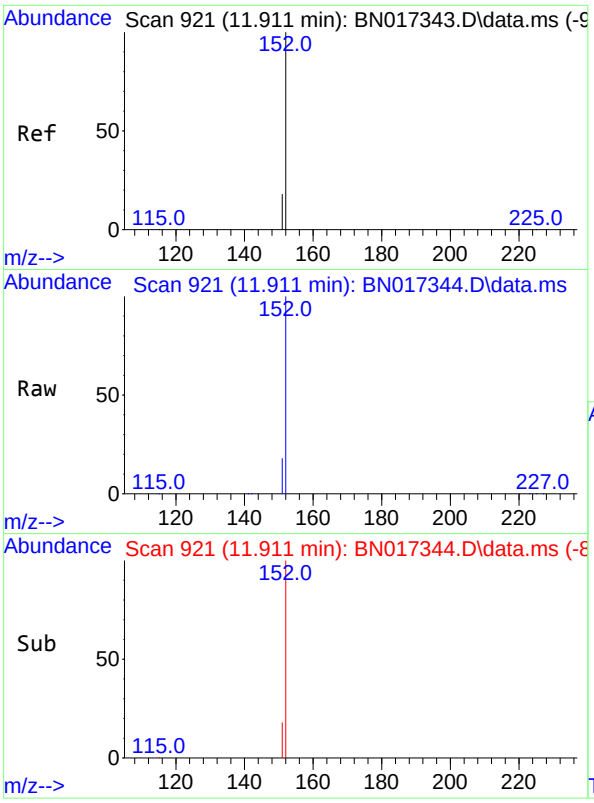


#10
Hexachlorobutadiene
Concen: 0.839 ng
RT: 10.649 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:225 Resp: 45849

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.1	76.7



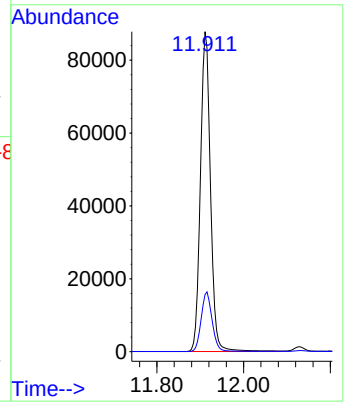


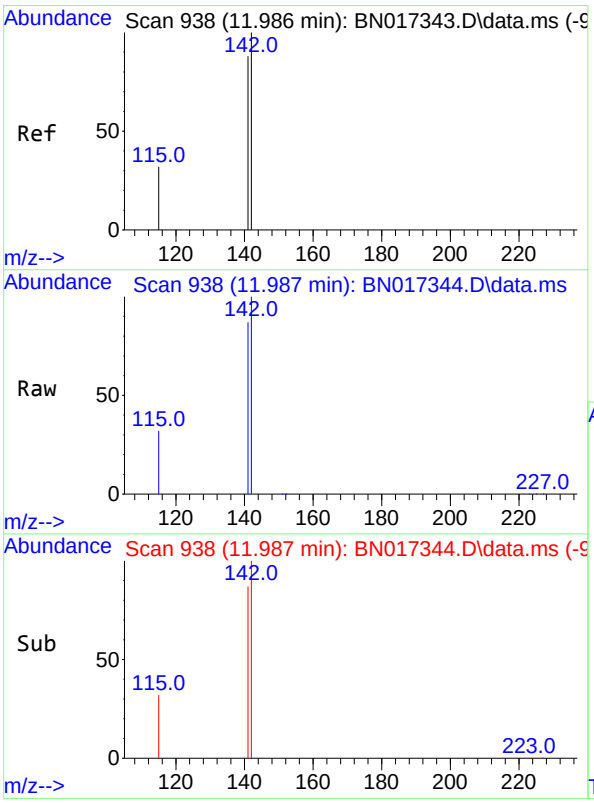
#11
2-Methylnaphthalene-d10
Concen: 0.899 ng
RT: 11.911 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 141417

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

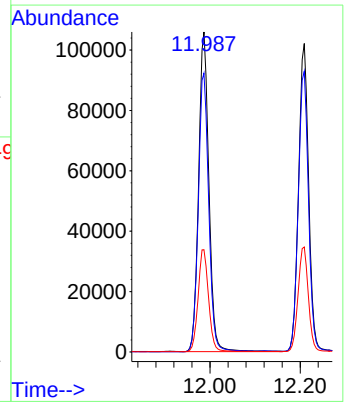


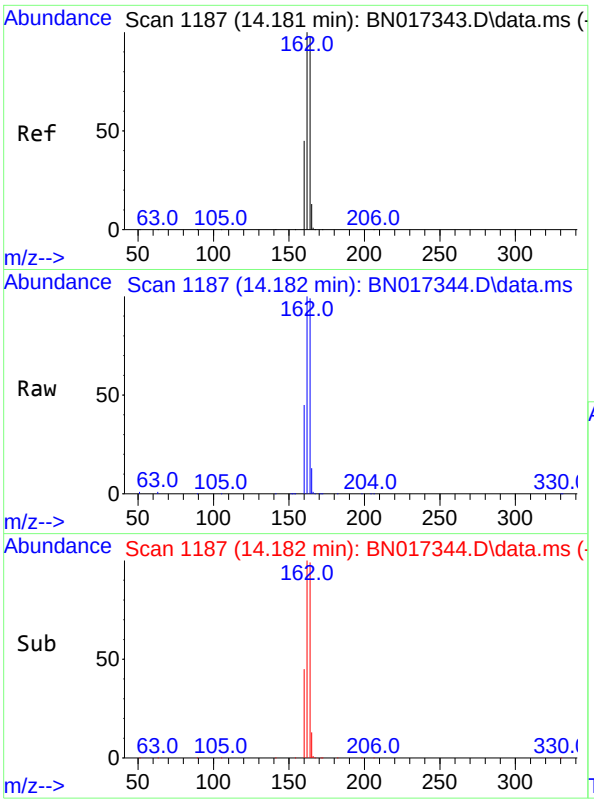


#12
2-Methylnaphthalene
Concen: 0.907 ng
RT: 11.987 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:142 Resp: 167665

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.6	106.0
115	32.0	25.8	38.6



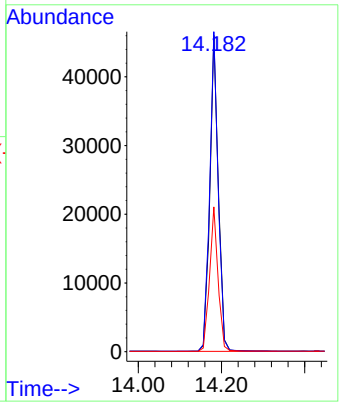


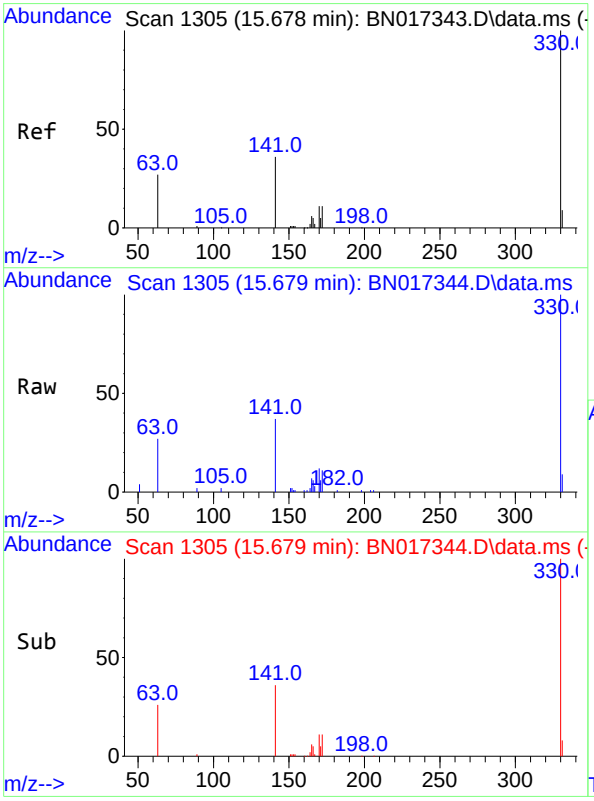
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 65011

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.2
160	45.8	36.8	55.2

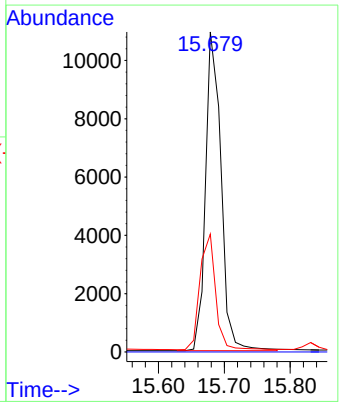


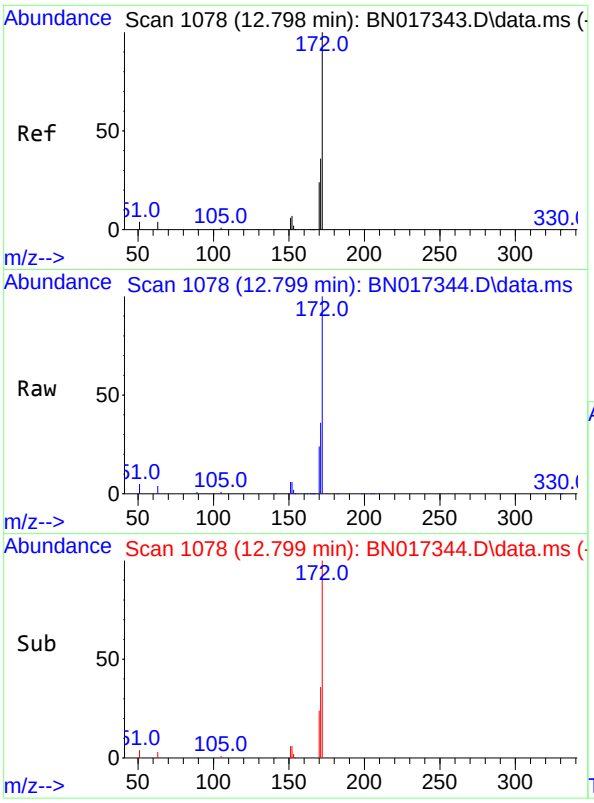


#14
2,4,6-Tribromophenol
Concen: 0.789 ng
RT: 15.679 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:330 Resp: 17829

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.7	28.9	43.3



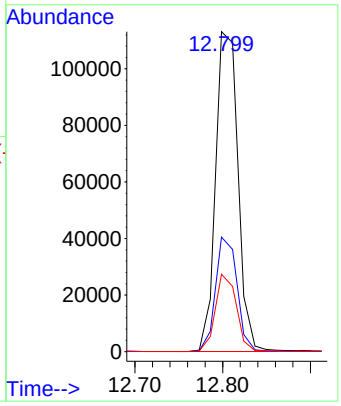


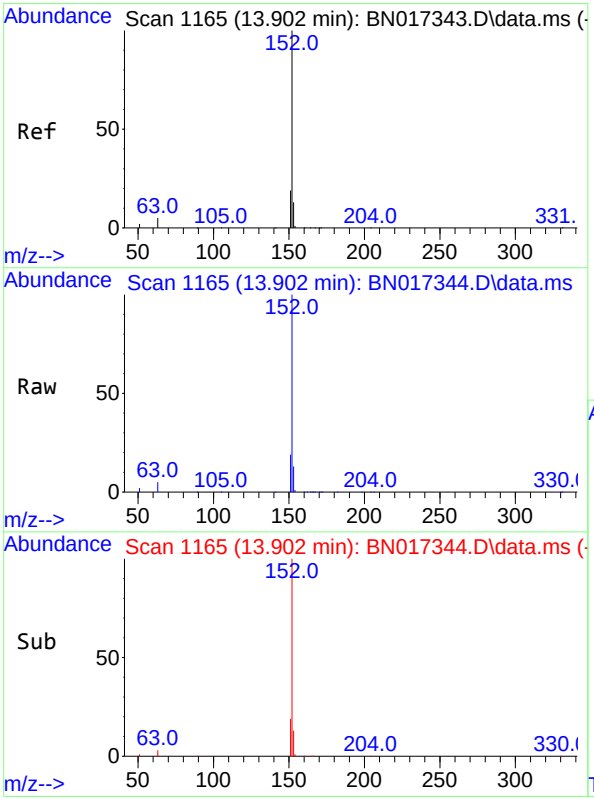
#15
2-Fluorobiphenyl
Concen: 0.823 ng
RT: 12.799 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 200902

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.2	19.4	29.2

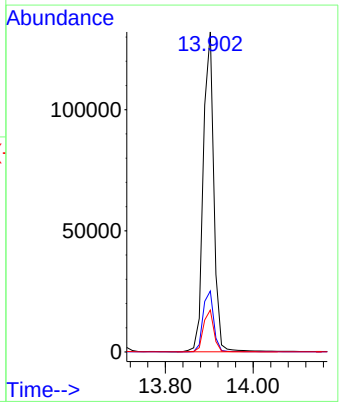


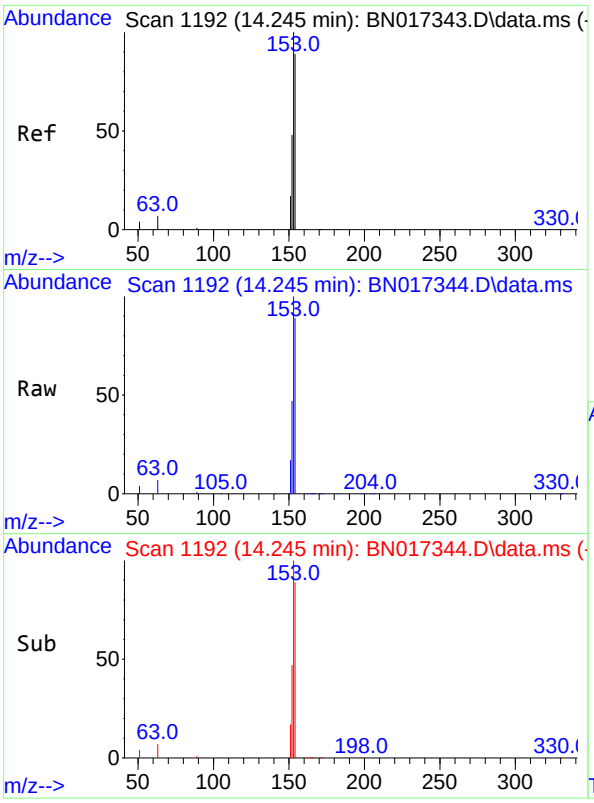


#16
Acenaphthylene
Concen: 0.825 ng
RT: 13.902 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:152 Resp: 220353

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.4	15.6



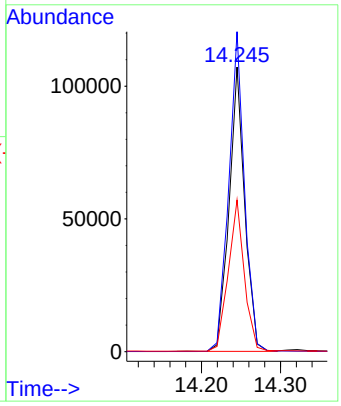


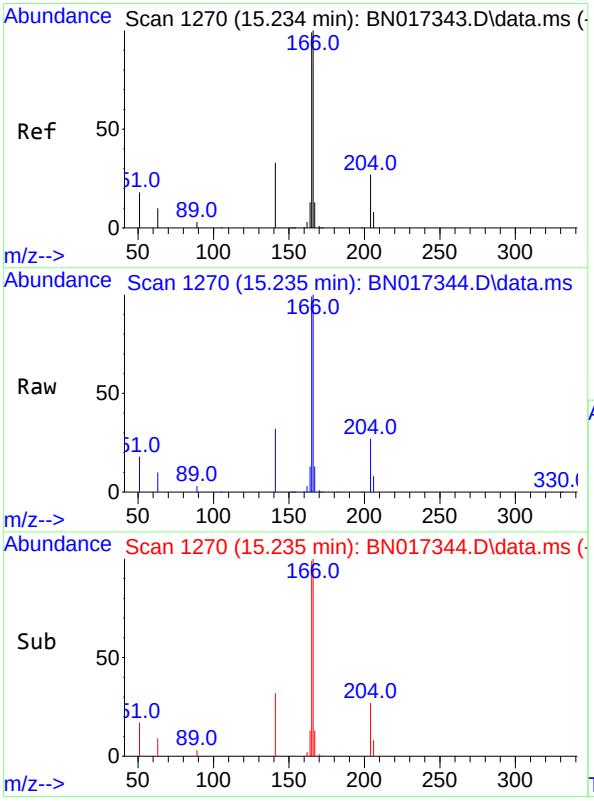
#17
Acenaphthene
Concen: 0.825 ng
RT: 14.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 147592

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	54.7	44.3	66.5

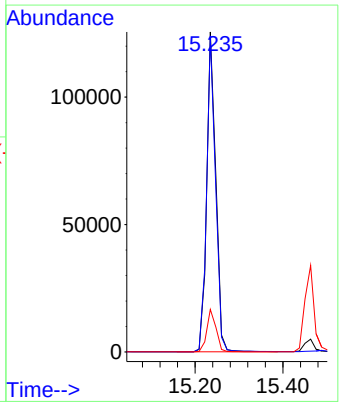


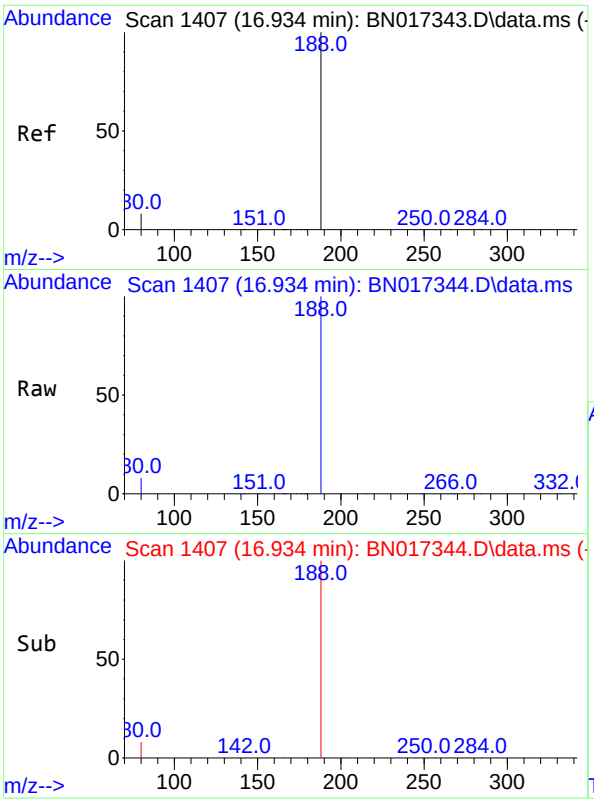


#18
Fluorene
Concen: 0.843 ng
RT: 15.235 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:166 Resp: 178478

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	13.5	10.9	16.3



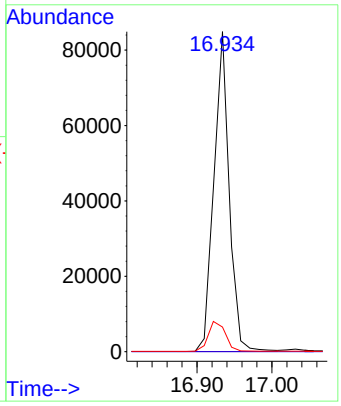


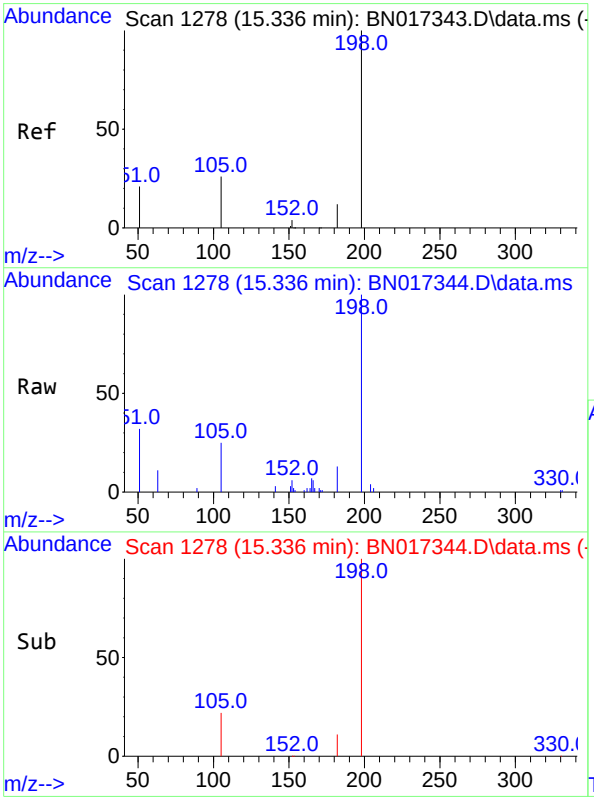
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 119967

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.1	9.1

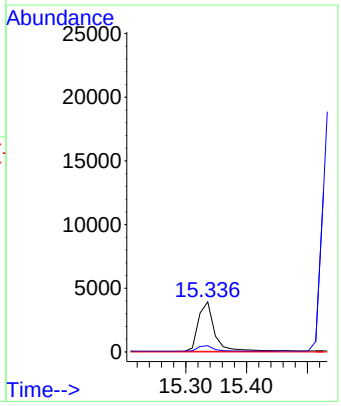


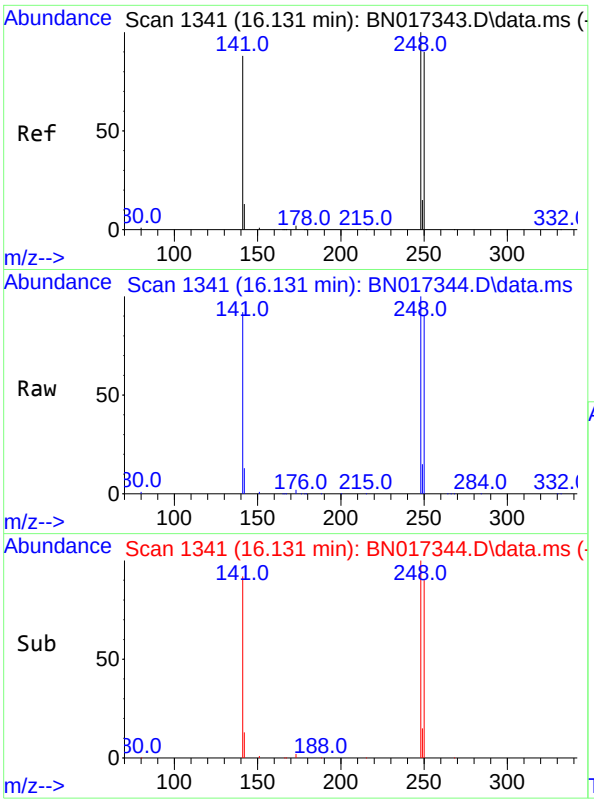


#20
4,6-Dinitro-2-methylphenol
Concen: 0.565 ng
RT: 15.336 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:198 Resp: 7146

Ion	Ratio	Lower	Upper
198	100		
182	12.5	11.4	17.2
77	0.0	0.0	0.0



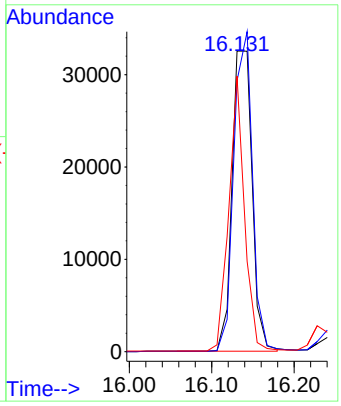


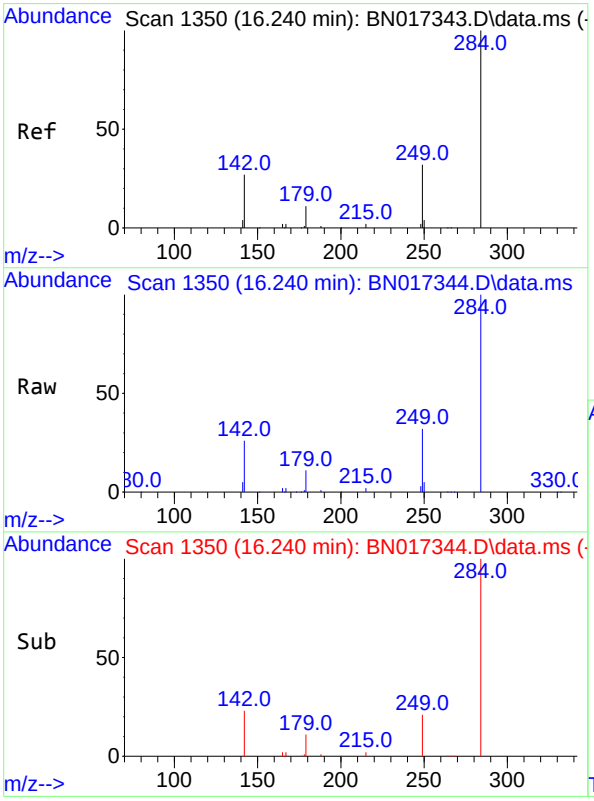
#21
4-Bromophenyl-phenylether
Concen: 0.819 ng
RT: 16.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 55064

Ion	Ratio	Lower	Upper
248	100		
250	90.1	71.8	107.8
141	91.6	70.9	106.3

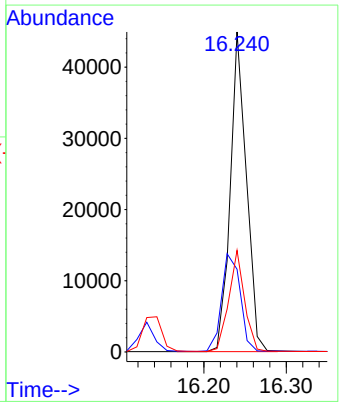


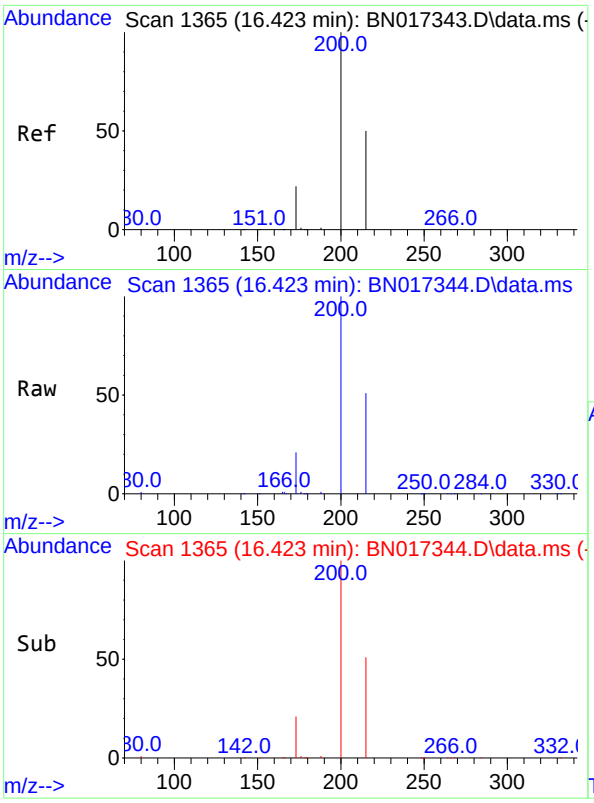


#22
Hexachlorobenzene
Concen: 0.848 ng
RT: 16.240 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:284 Resp: 61192

Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.2	42.2
249	30.8	24.4	36.6



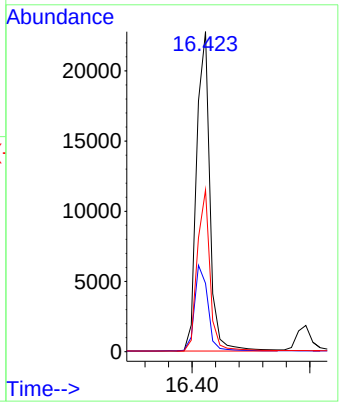


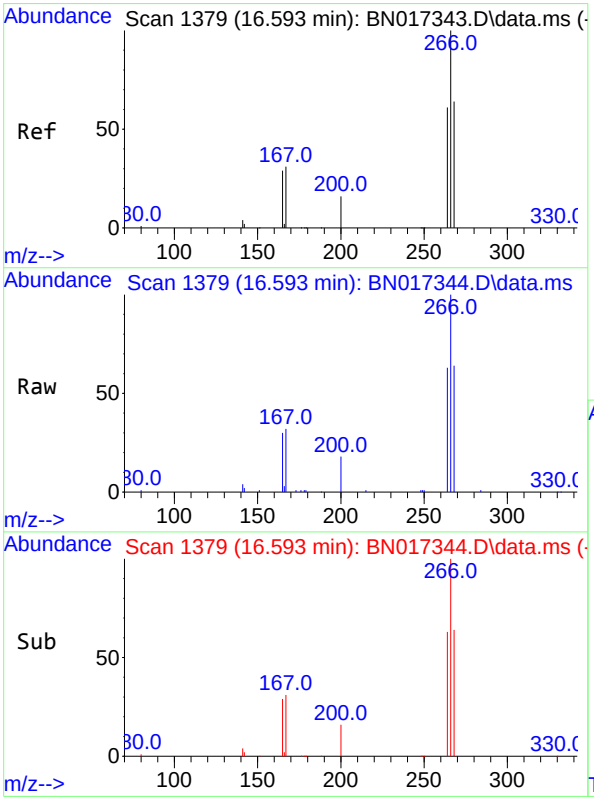
#23
Atrazine
Concen: 0.782 ng
RT: 16.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 35635

Ion	Ratio	Lower	Upper
200	100		
173	21.4	17.6	26.4
215	50.5	40.2	60.4

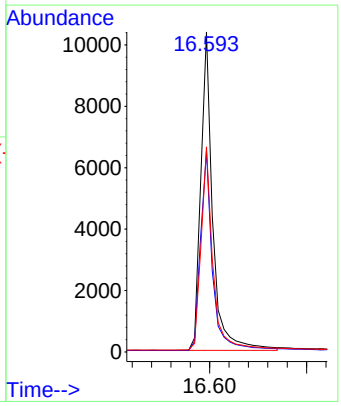


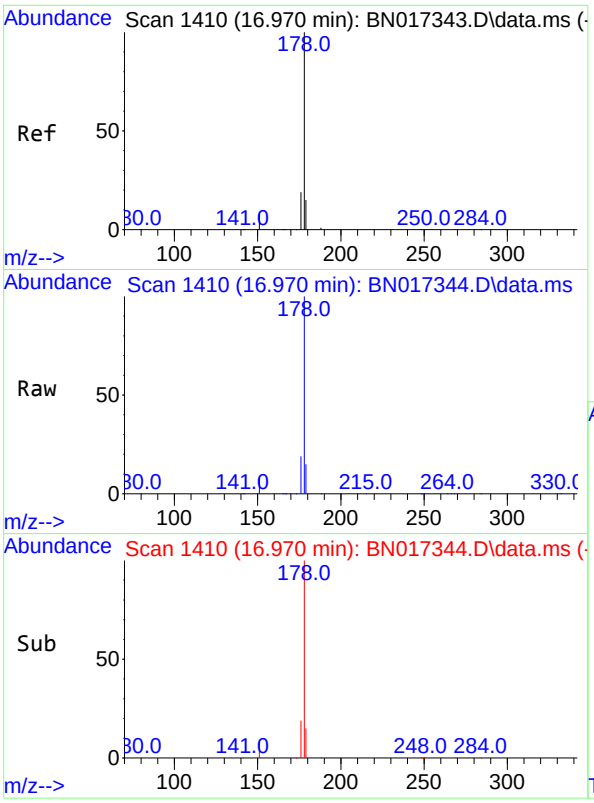


#24
Pentachlorophenol
Concen: 0.782 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:266 Resp: 17780

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.8	74.8
268	63.8	51.3	76.9



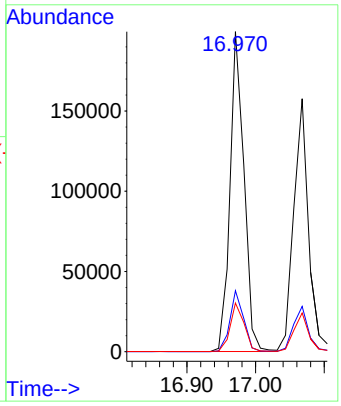


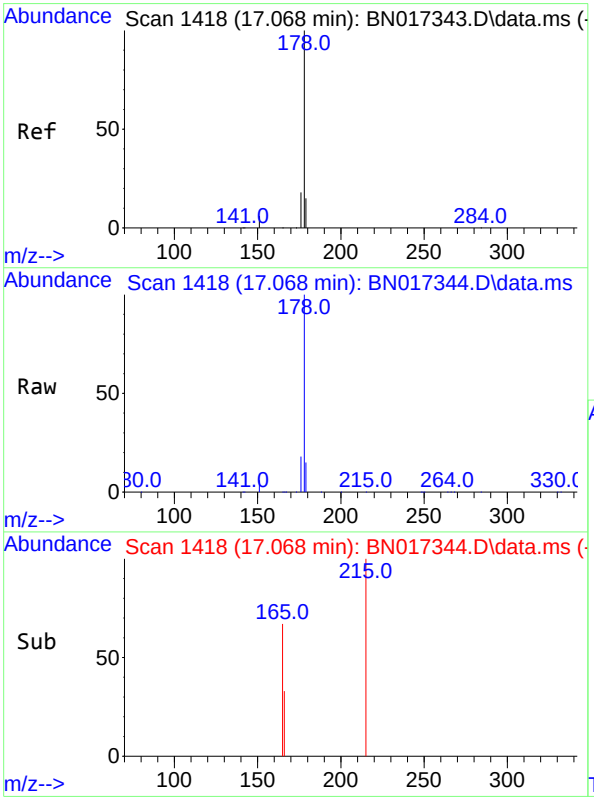
#25
Phenanthrene
Concen: 0.842 ng
RT: 16.970 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 283173

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.3	18.5

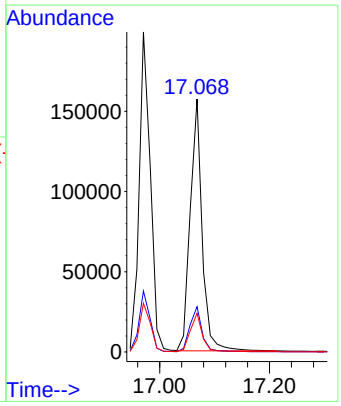


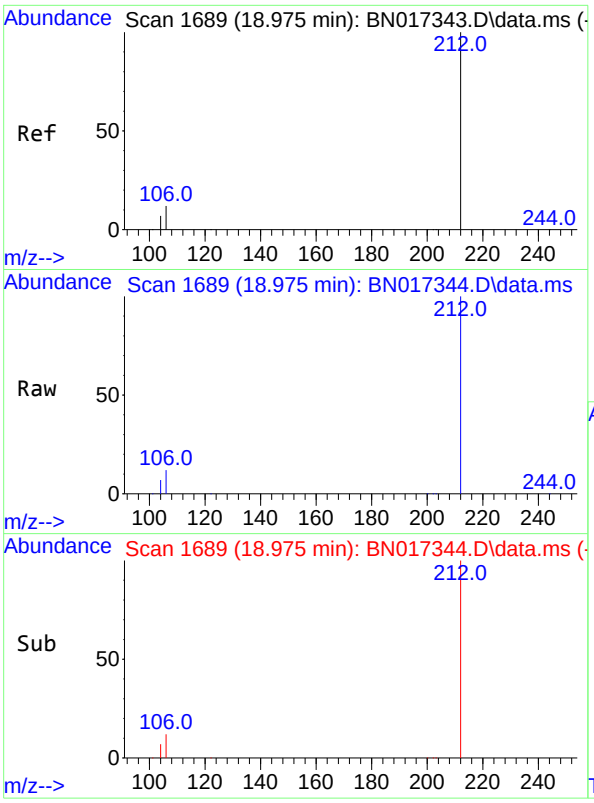


#26
Anthracene
Concen: 0.820 ng
RT: 17.068 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:178 Resp: 237507

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.2	12.2	18.4



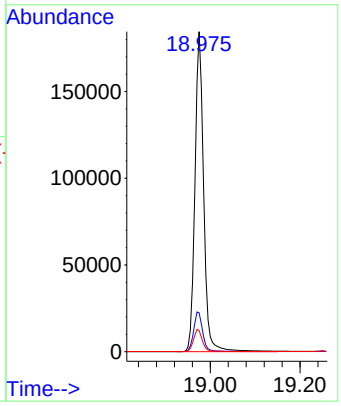


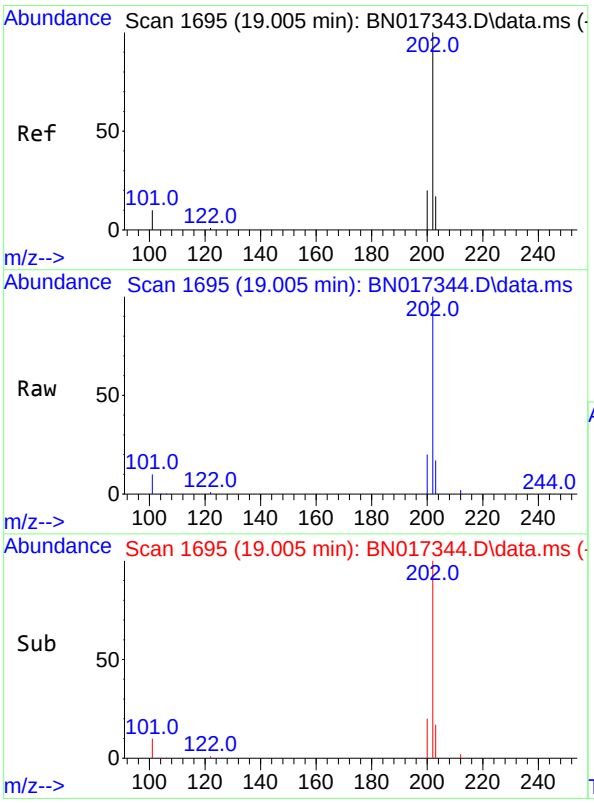
#27
Fluoranthene-d10
Concen: 0.818 ng
RT: 18.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 249748

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.5	15.7
104	7.1	5.8	8.6

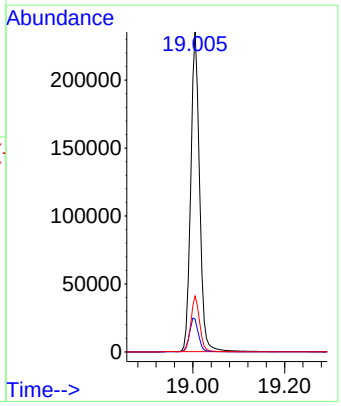


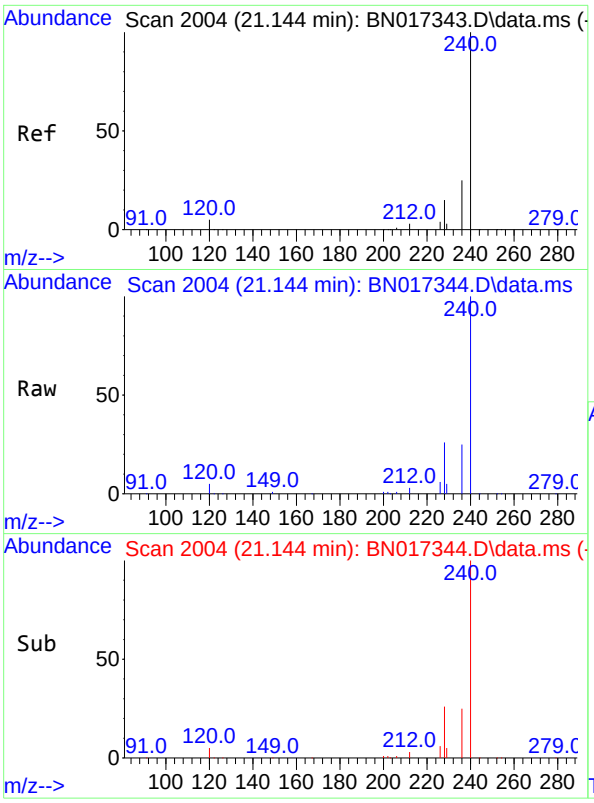


#28
Fluoranthene
Concen: 0.852 ng
RT: 19.005 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:202 Resp: 314021

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.4	13.8	20.6



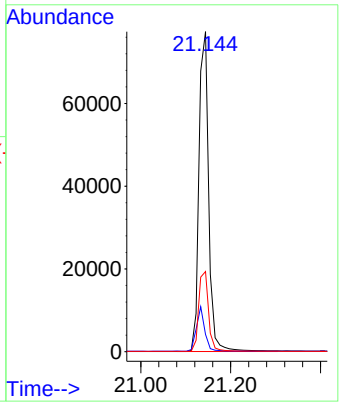


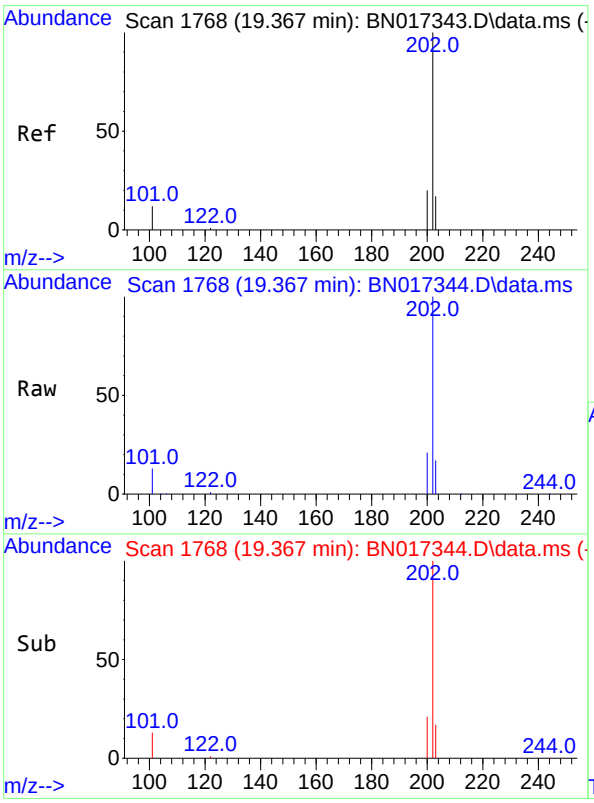
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.144 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 116067

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.2	6.2
236	25.0	20.0	30.0

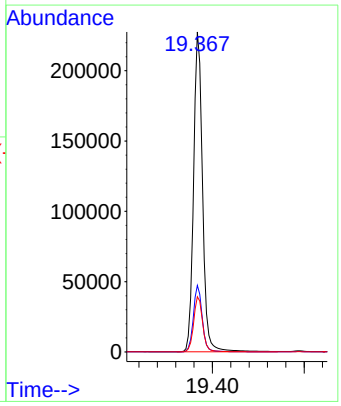


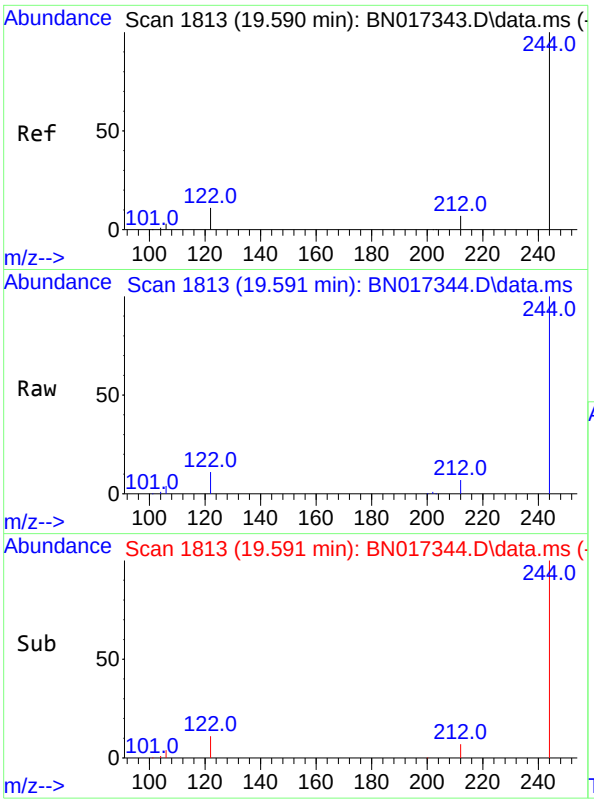


#30
Pyrene
Concen: 0.831 ng
RT: 19.367 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:202 Resp: 308374

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	14.0	21.0



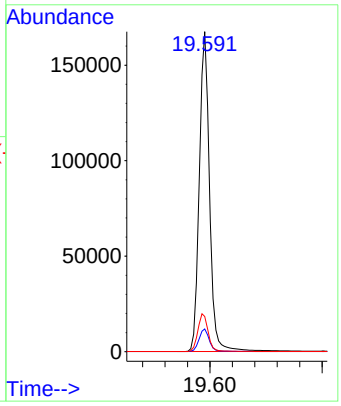


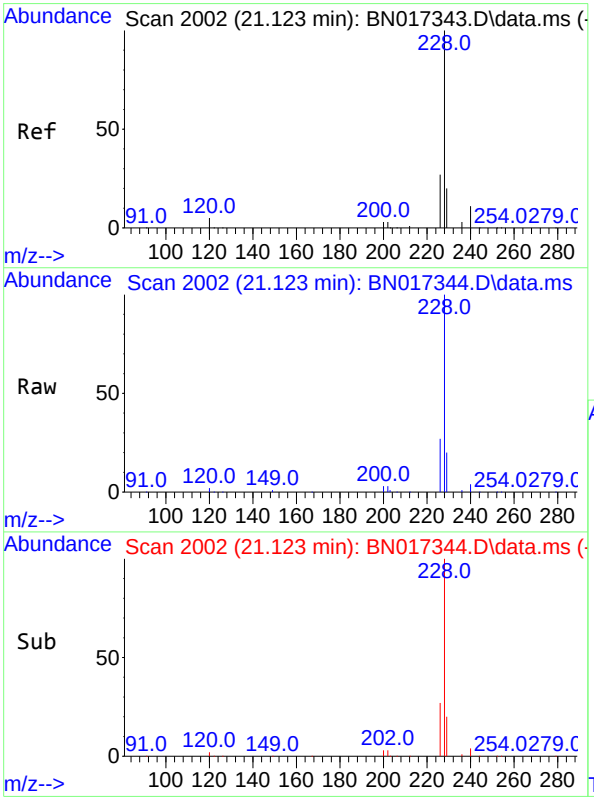
#31
Terphenyl-d14
Concen: 0.837 ng
RT: 19.591 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 212215

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.0	8.6	13.0

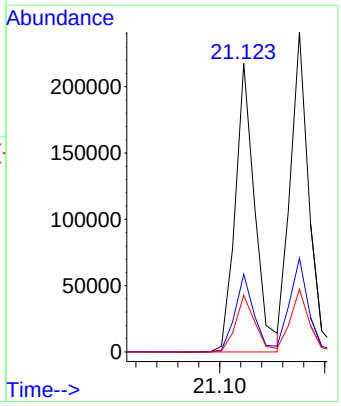


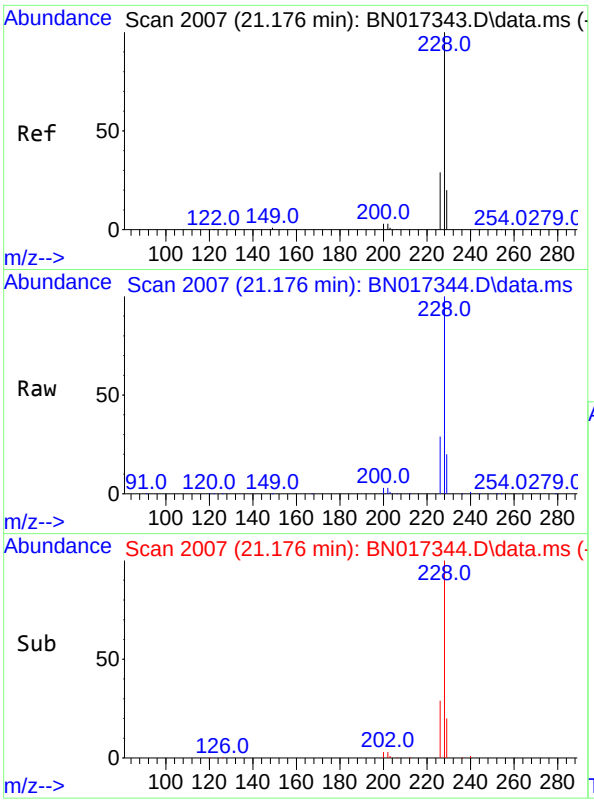


#32
Benzo(a)anthracene
Concen: 0.780 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:228 Resp: 281072

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	19.6	15.7	23.5



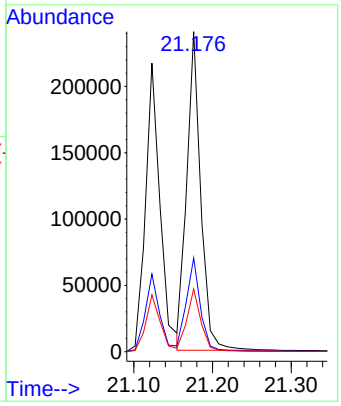


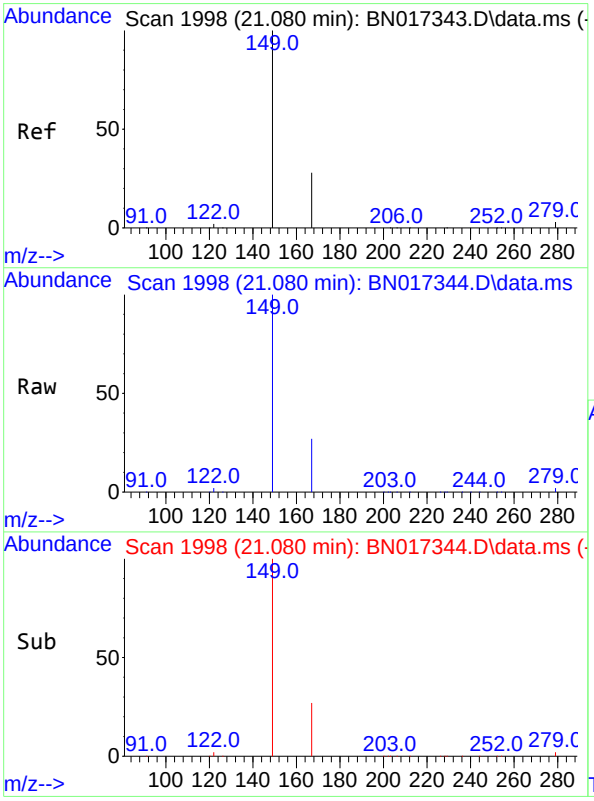
#33
Chrysene
Concen: 0.807 ng
RT: 21.176 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 296808

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	19.6	15.6	23.4

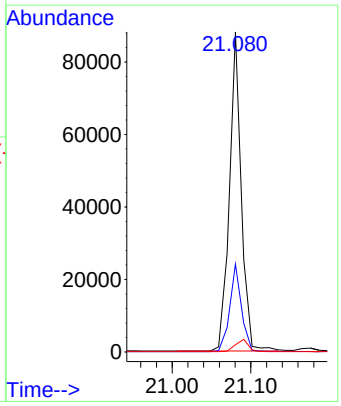


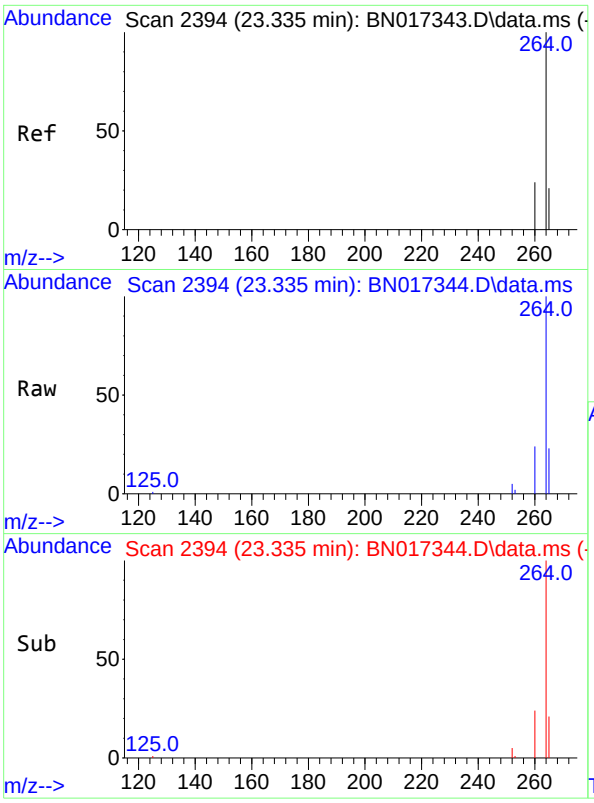


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.532 ng
RT: 21.080 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:149 Resp: 92311

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.6
279	4.2	3.4	5.0



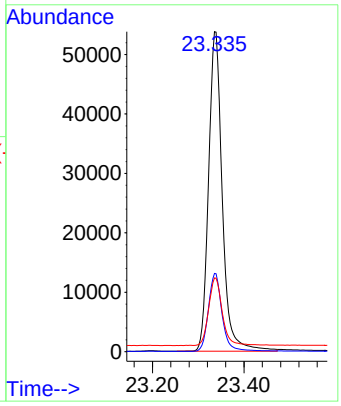


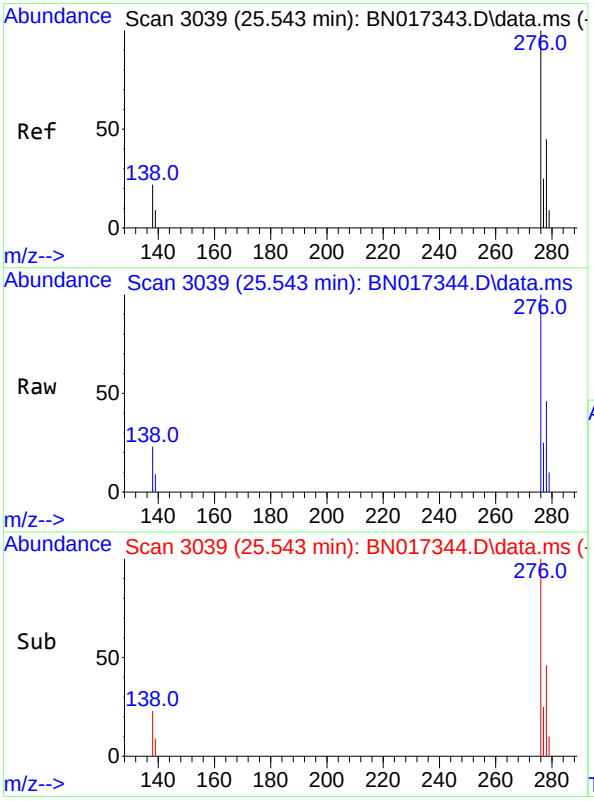
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 111688

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	23.1	18.6	28.0

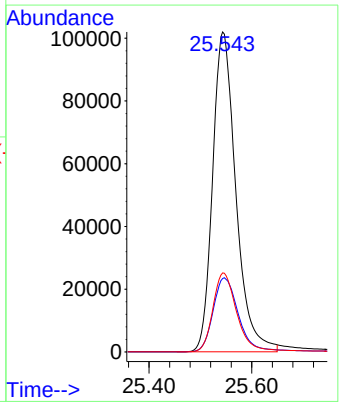


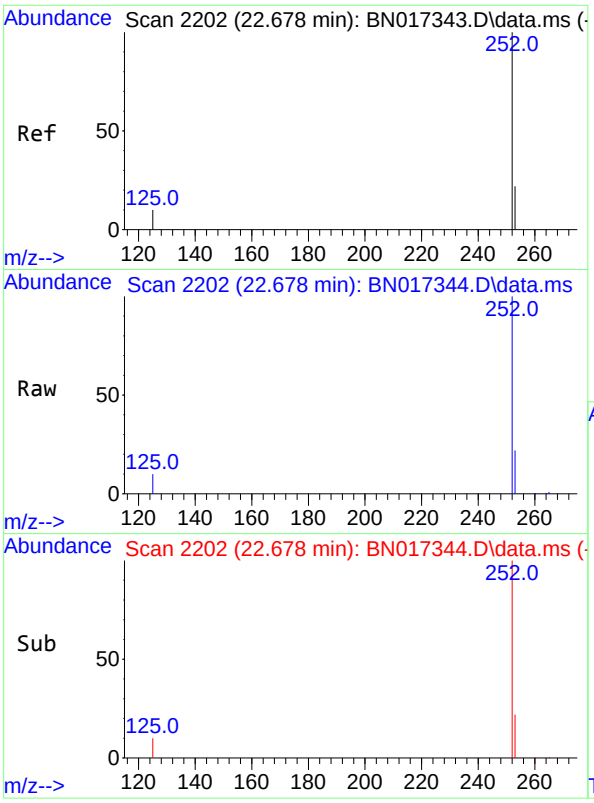


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.812 ng
RT: 25.543 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:276 Resp: 319962

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.7	29.5
277	25.1	20.0	30.0



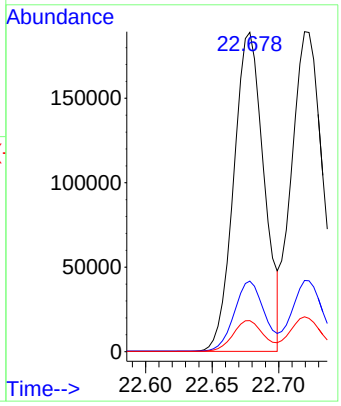


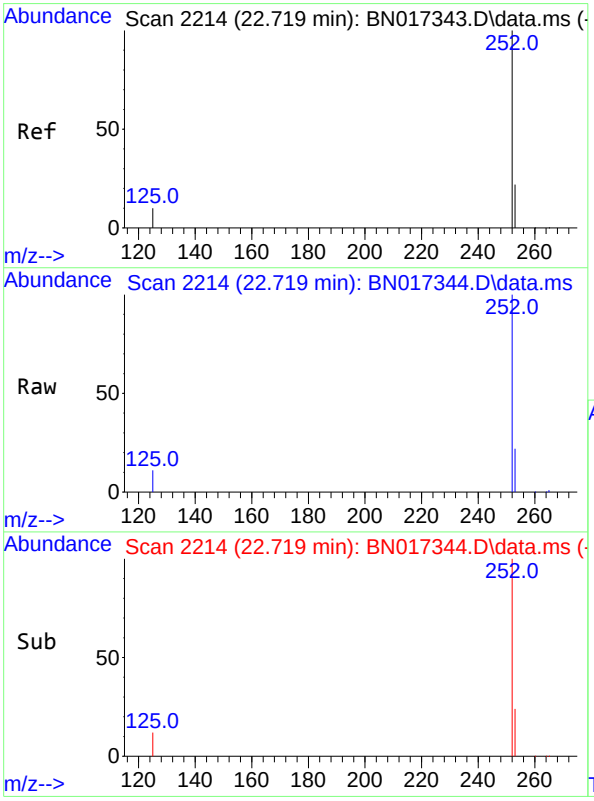
#37
Benzo(b)fluoranthene
Concen: 0.832 ng
RT: 22.678 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 299054

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.7	7.8	11.8

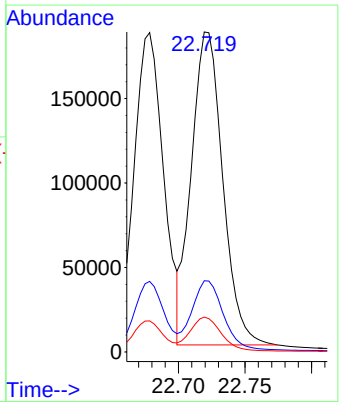


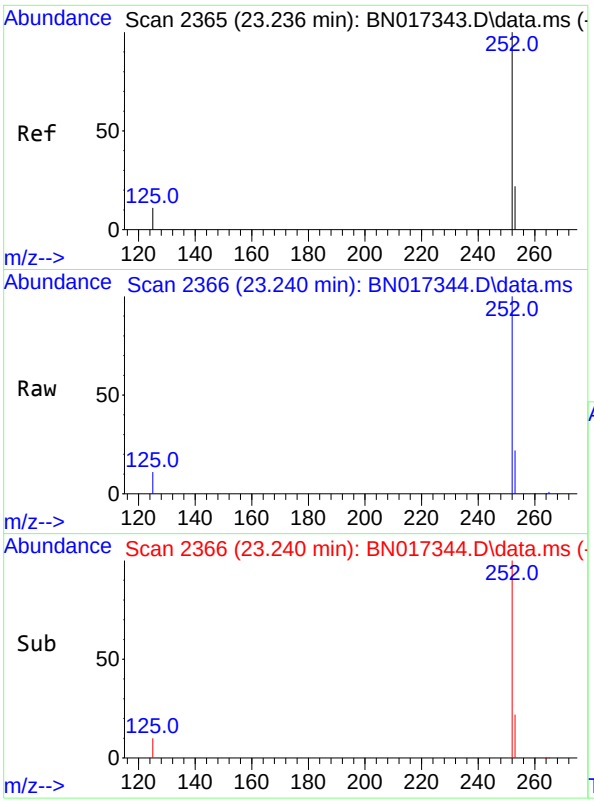


#38
Benzo(k)fluoranthene
Concen: 0.851 ng
RT: 22.719 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:252 Resp: 303487

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.9	8.2	12.2



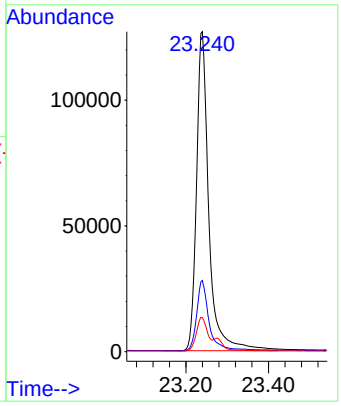


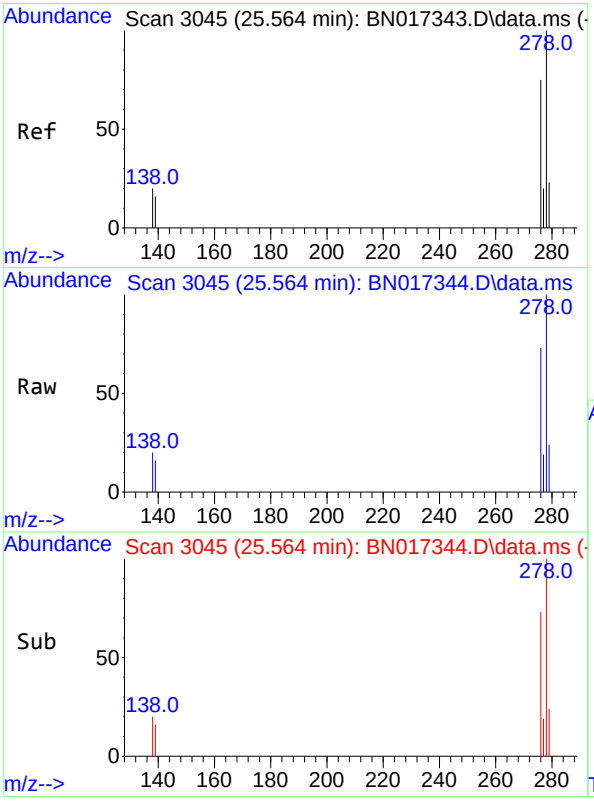
#39
Benzo(a)pyrene
Concen: 0.810 ng
RT: 23.240 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 262671

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.6	9.2	13.8

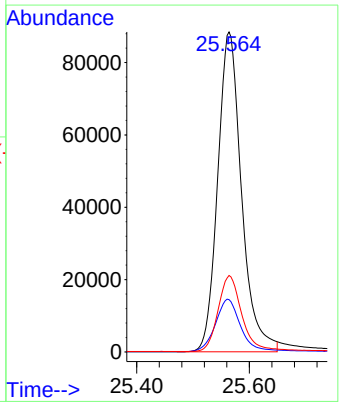


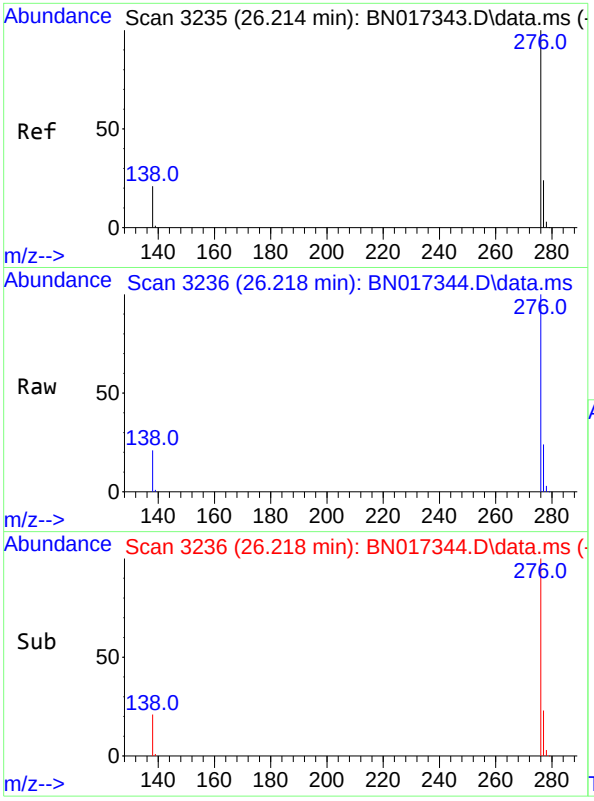


#40
Dibenzo(a,h)anthracene
Concen: 0.816 ng
RT: 25.564 min Scan# 3045
Delta R.T. 0.000 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Tgt Ion:278 Resp: 259478

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.0	19.6
279	23.9	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 0.784 ng
RT: 26.218 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN017344.D
Acq: 09 Nov 2021 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 270916

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.0	17.1	25.7