Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017343.D
Acq On : 09 Nov 2021 11:03
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 09 11:51:01 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	25684	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	118374	0.400	ng		0.00
13) Acenaphthene-d10	14.181	164	63596	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	118254	0.400	ng		0.00
29) Chrysene-d12	21.144	240	116097	0.400	ng		0.00
35) Perylene-d12	23.335	264	101598	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	23842	0.383	ng		0.00
5) Phenol-d6	6.740	99	26051	0.384	ng		0.00
8) Nitrobenzene-d5	8.684	82	27004	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	11.911	152	70958	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	8218	0.372	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	103095	0.432	ng		0.00
27) Fluoranthene-d10	18.975	212	125191	0.416	ng		0.00
31) Terphenyl-d14	19.590	244	109157	0.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	5885	0.322	ng		100
3) n-Nitrosodimethylamine	3.476	42	8905	0.368	ng		100
6) bis(2-Chloroethyl)ether	6.989	93	28867	0.413	ng		100
9) Naphthalene	10.357	128	129197	0.405	ng		100
10) Hexachlorobutadiene	10.649	225	25047	0.431	ng	#	100
12) 2-Methylnaphthalene	11.986	142	84948	0.433	ng		100
16) Acenaphthylene	13.902	152	105255	0.403	ng		100
17) Acenaphthene	14.245	154	74333	0.425	ng		100
18) Fluorene	15.234	166	89337	0.431	ng		100
20) 4,6-Dinitro-2-methylph...	15.336	198	3189	0.256	ng		100
21) 4-Bromophenyl-phenylether	16.131	248	27508	0.415	ng		100
22) Hexachlorobenzene	16.240	284	31584	0.444	ng		100
23) Atrazine	16.423	200	16904	0.376	ng		100
24) Pentachlorophenol	16.593	266	8463	0.378	ng		100
25) Phenanthrene	16.970	178	144133	0.435	ng		100
26) Anthracene	17.068	178	113380	0.397	ng		100
28) Fluoranthene	19.005	202	157157	0.433	ng		100
30) Pyrene	19.367	202	154061	0.415	ng		100
32) Benzo(a)anthracene	21.123	228	140446	0.389	ng		100
33) Chrysene	21.176	228	155124	0.422	ng		100
34) Bis(2-ethylhexyl)phtha...	21.080	149	46521	0.268	ng		100
36) Indeno(1,2,3-cd)pyrene	25.543	276	145712	0.407	ng		100
37) Benzo(b)fluoranthene	22.678	252	148529	0.455	ng		100
38) Benzo(k)fluoranthene	22.719	252	141892	0.437	ng		100
39) Benzo(a)pyrene	23.236	252	121658	0.412	ng		100
40) Dibenzo(a,h)anthracene	25.564	278	117395	0.406	ng		100
41) Benzo(g,h,i)perylene	26.214	276	130419	0.415	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017343.D
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Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Nov 09 11:51:01 2021
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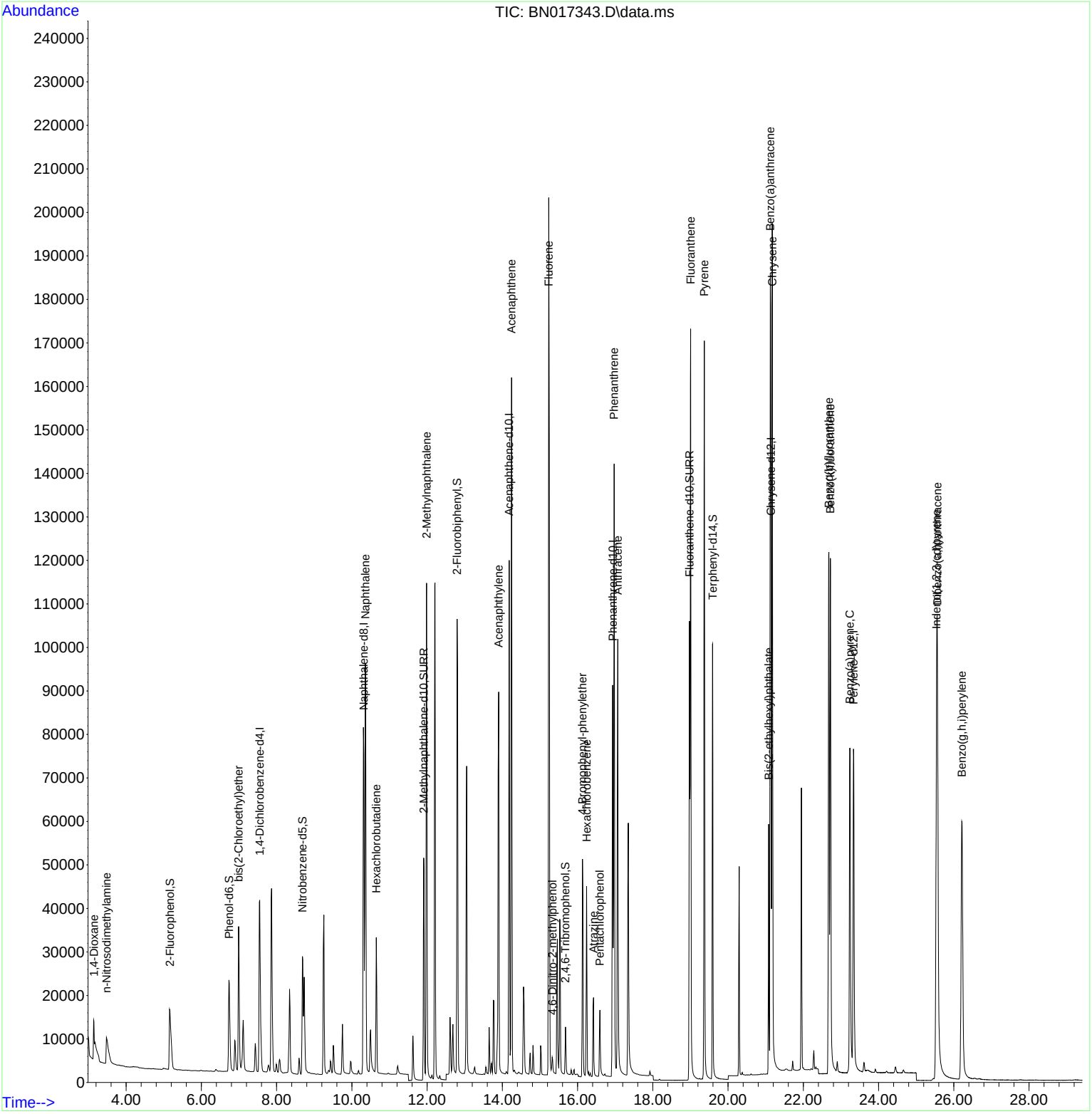
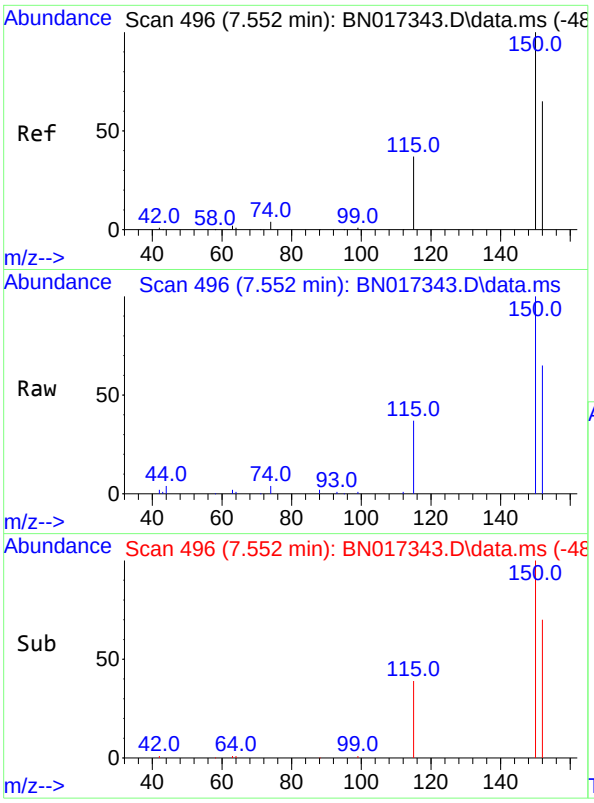
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 11:50:44 2021
Response via : Initial Calibration



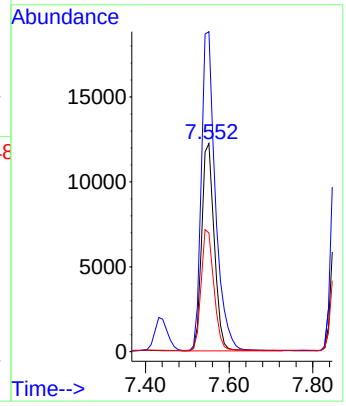


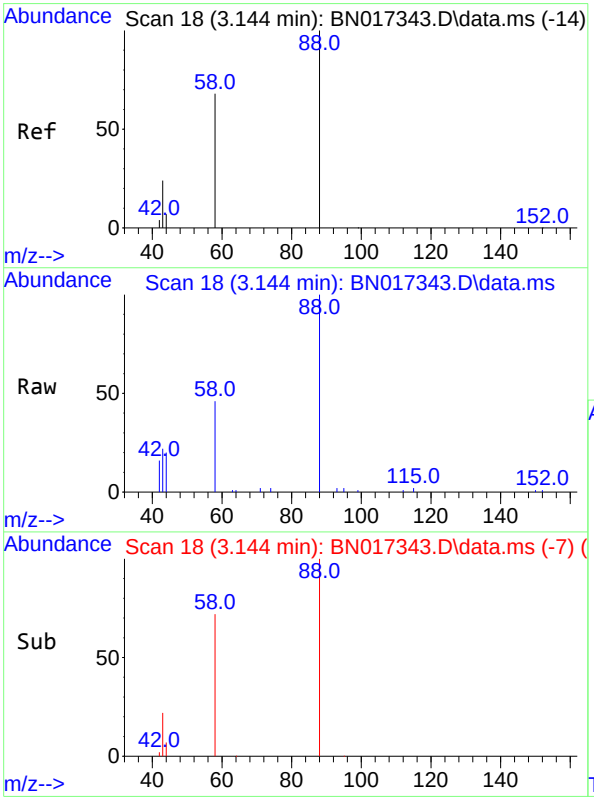
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 25684

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.0	184.4
115	57.0	45.6	68.4

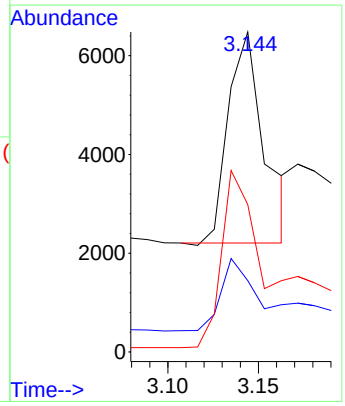


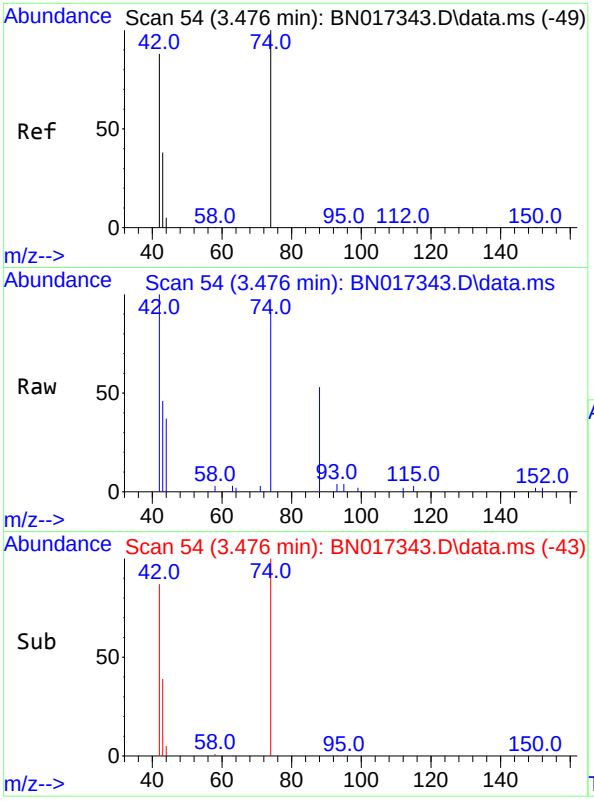


#2
1,4-Dioxane
Concen: 0.322 ng
RT: 3.144 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion: 88 Resp: 5885

Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.7	37.1
58	78.8	63.0	94.6



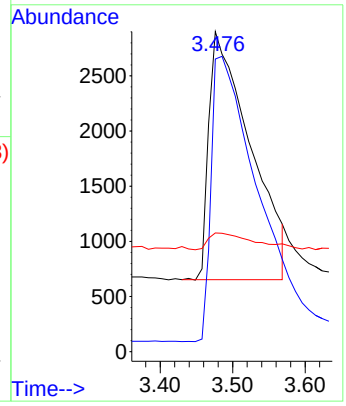


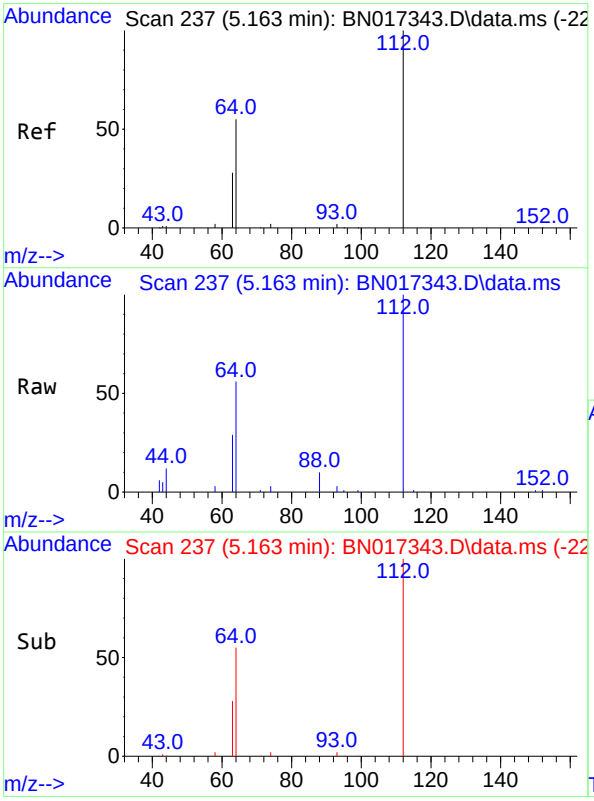
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.476 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 8905

Ion	Ratio	Lower	Upper
42	100		
74	122.2	97.8	146.6
44	6.9	5.5	8.3

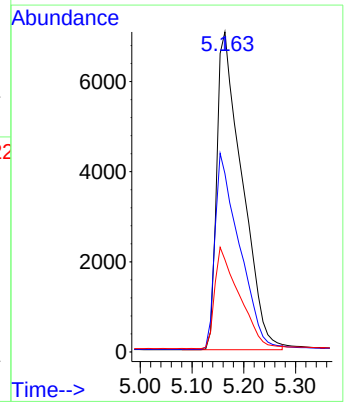


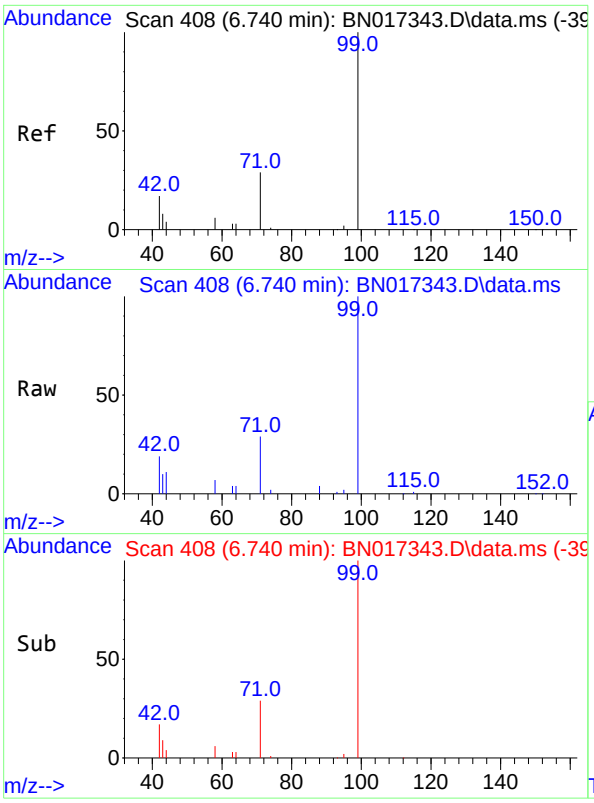


#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.163 min Scan# 237
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:112 Resp: 23842

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.8	24.6	37.0



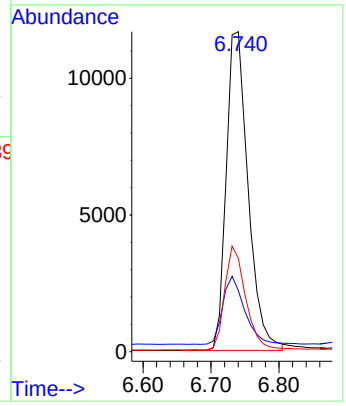


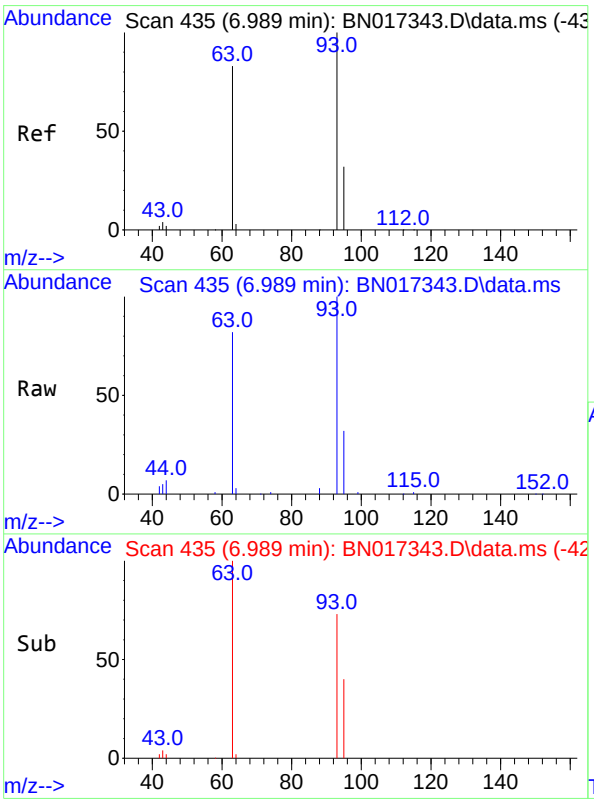
#5
Phenol-d6
Concen: 0.384 ng
RT: 6.740 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 26051

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	31.0	24.8	37.2

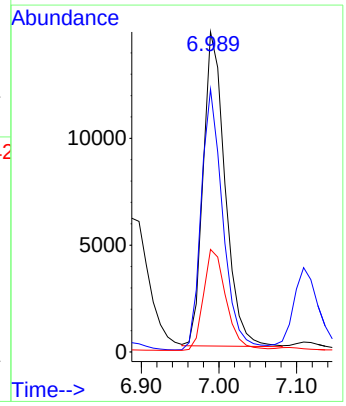


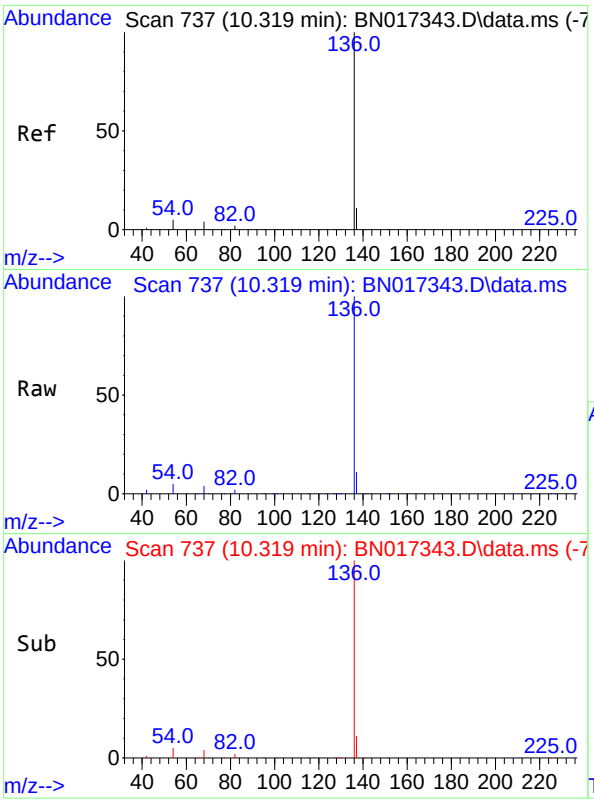


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 6.989 min Scan# 435
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion: 93 Resp: 28867

Ion	Ratio	Lower	Upper
93	100		
63	82.2	65.8	98.6
95	33.2	26.6	39.8



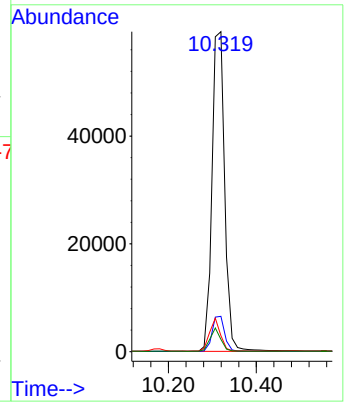


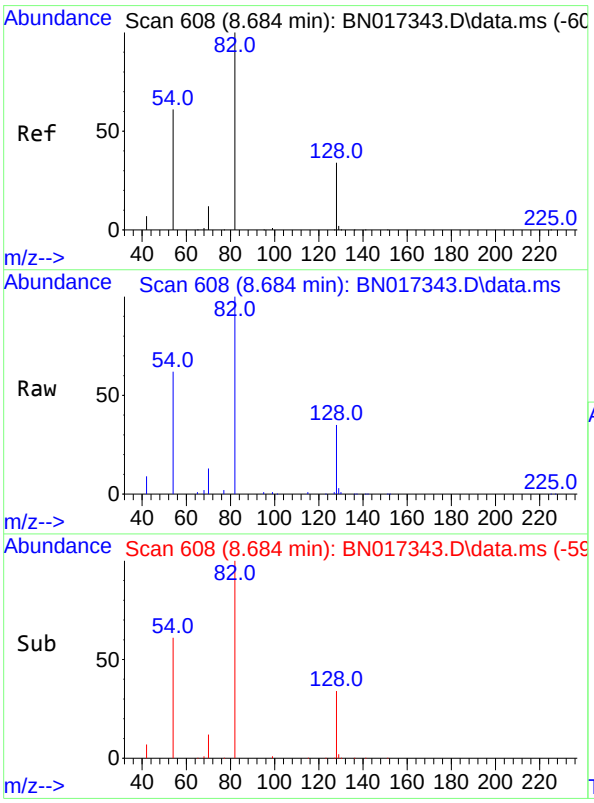
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 118374

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.0	4.0	6.0
68	3.8	3.0	4.6

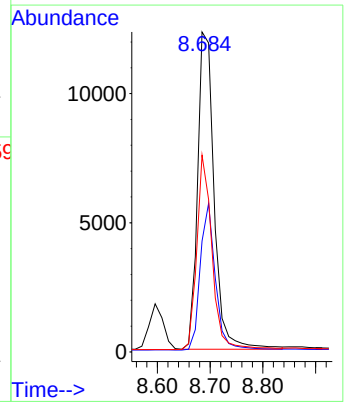


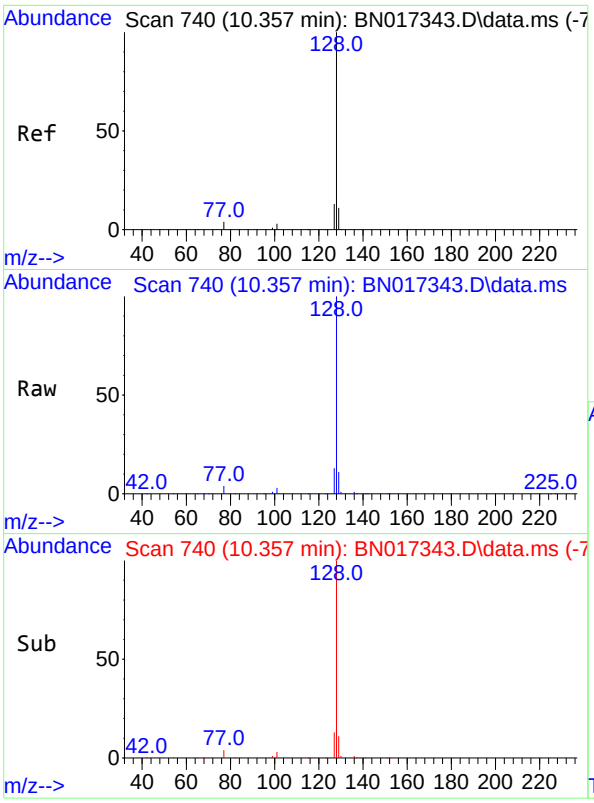


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.684 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion: 82 Resp: 27004

Ion	Ratio	Lower	Upper
82	100		
128	34.6	27.7	41.5
54	61.5	49.2	73.8



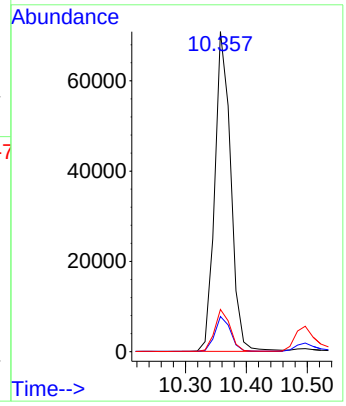


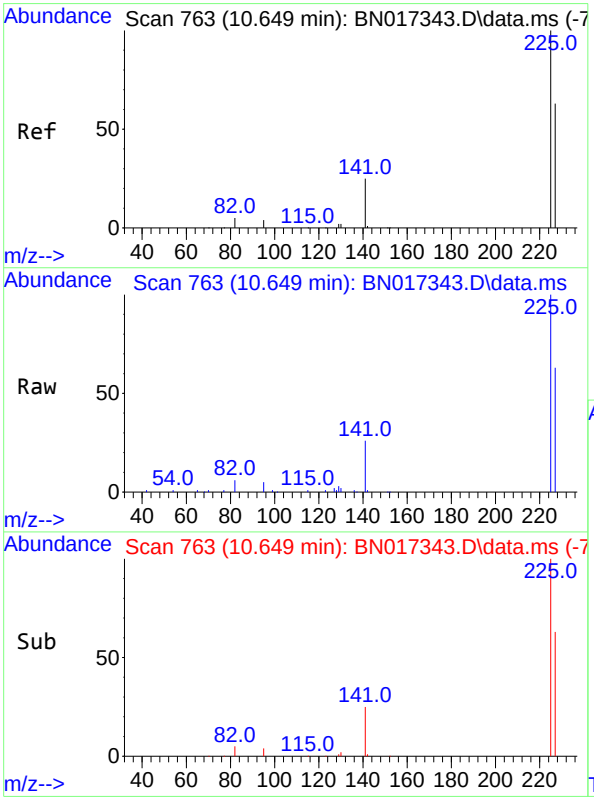
#9
Naphthalene
Concen: 0.405 ng
RT: 10.357 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 129197

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	15.8

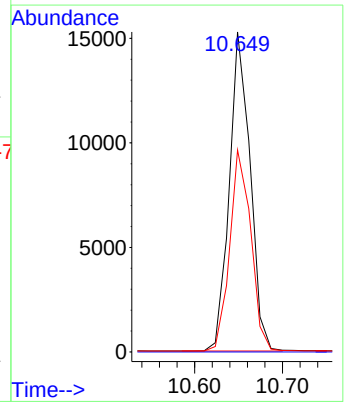


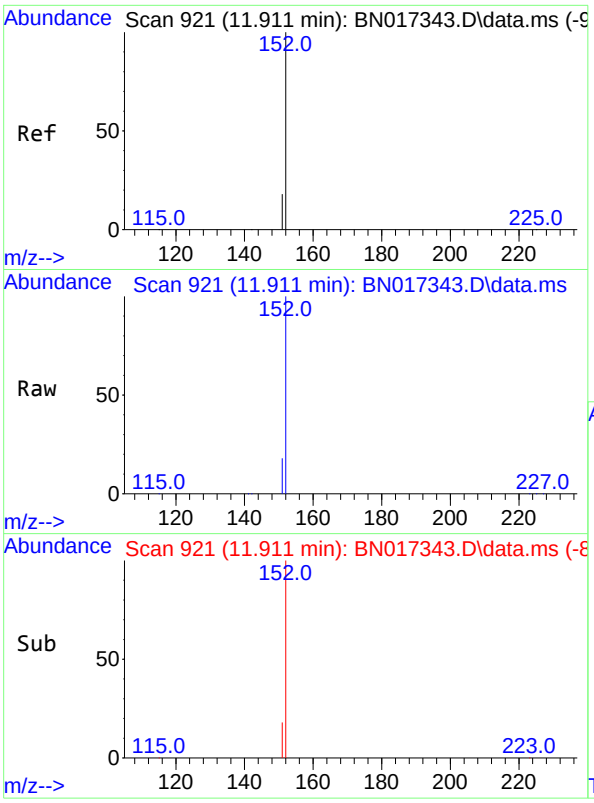


#10
Hexachlorobutadiene
Concen: 0.431 ng
RT: 10.649 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:225 Resp: 25047

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



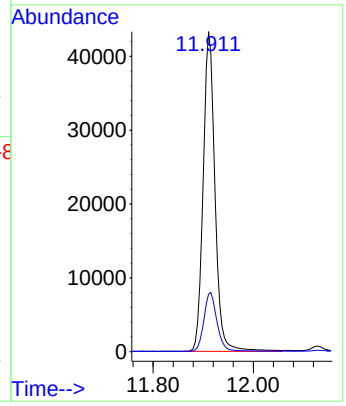


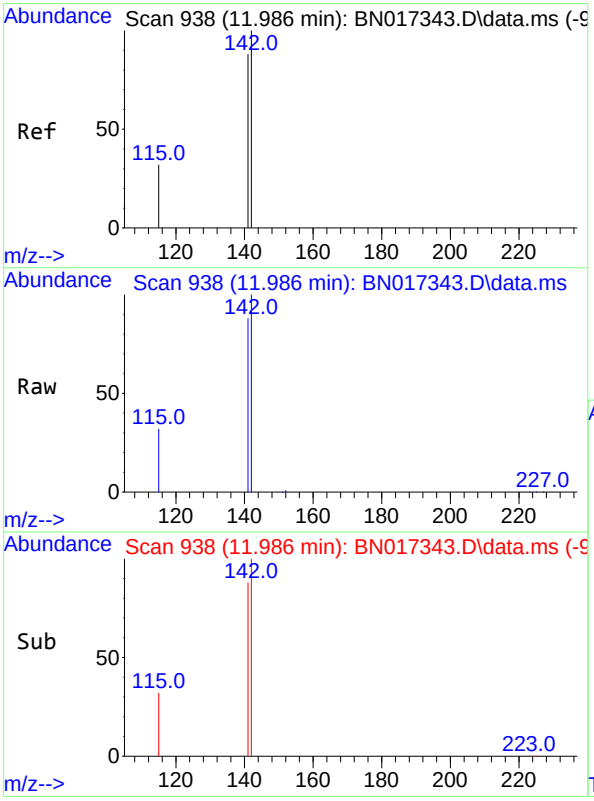
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 11.911 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 70958

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

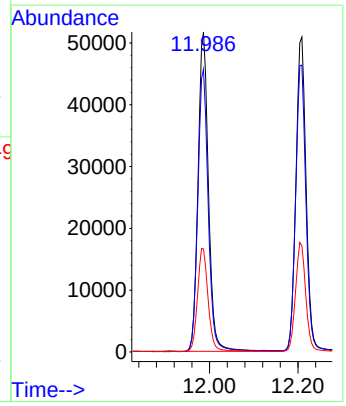


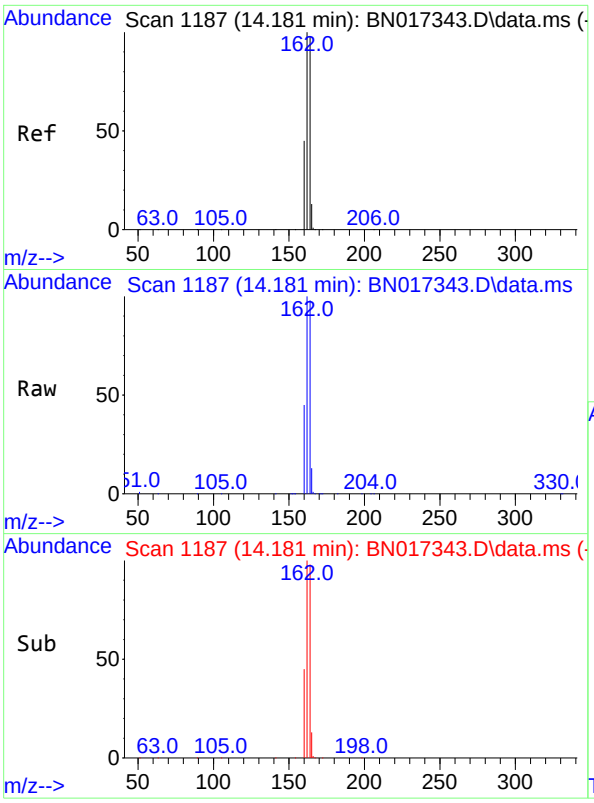


#12
2-Methylnaphthalene
Concen: 0.433 ng
RT: 11.986 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:142 Resp: 84948

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	32.2	25.8	38.6



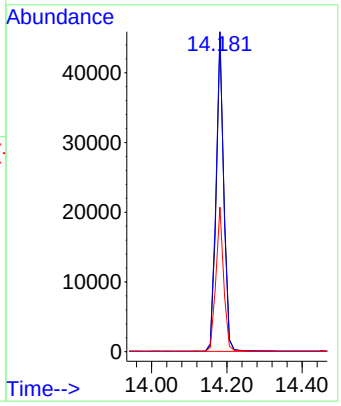


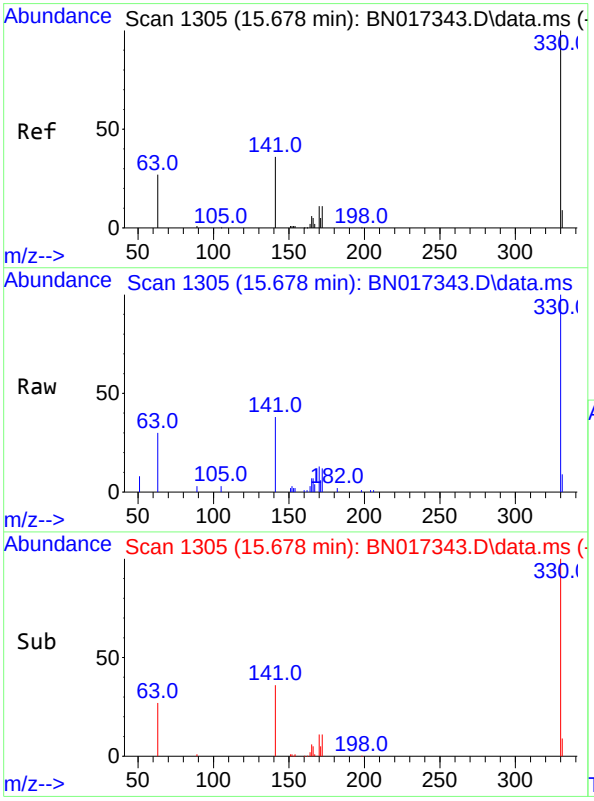
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 63596

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.2
160	46.0	36.8	55.2

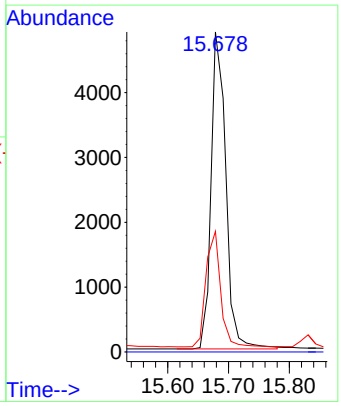


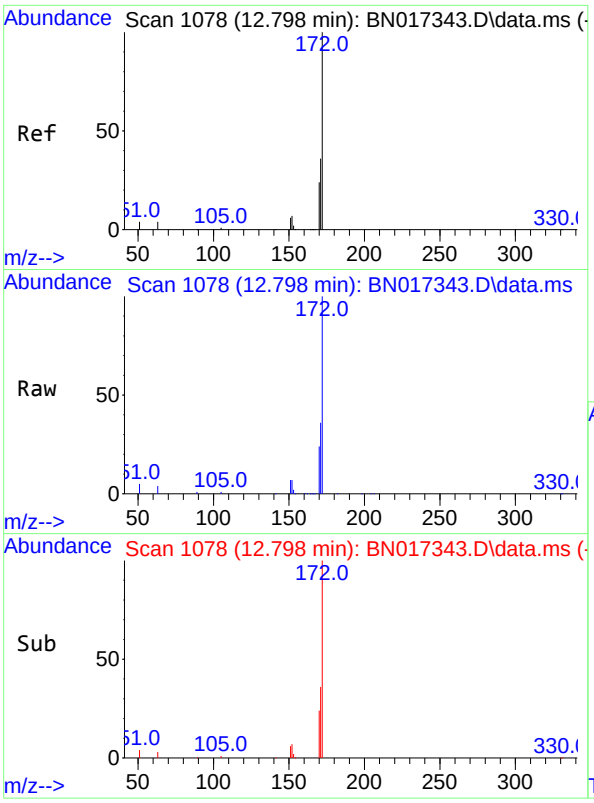


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.678 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:330 Resp: 8218

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.1	28.9	43.3



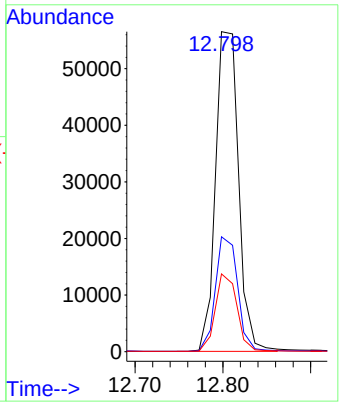


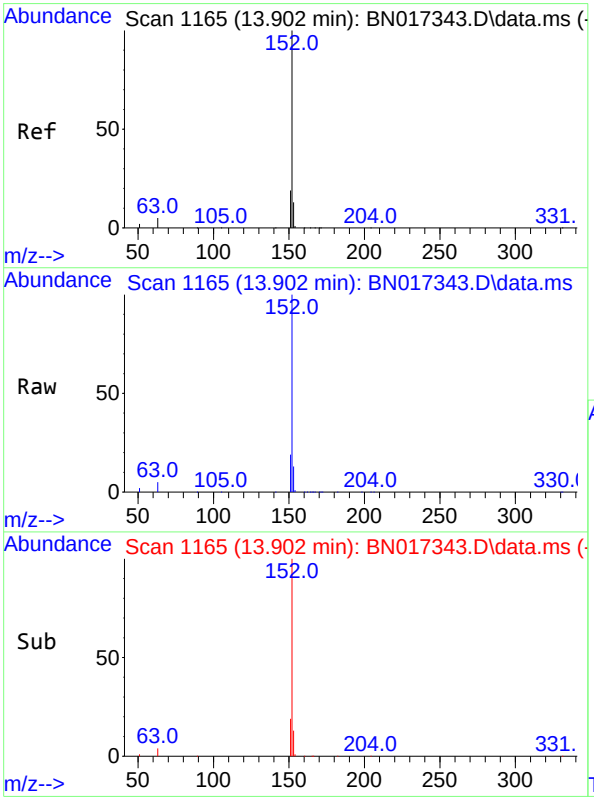
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 12.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 103095

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	24.3	19.4	29.2

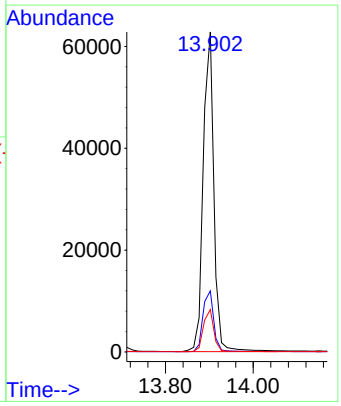


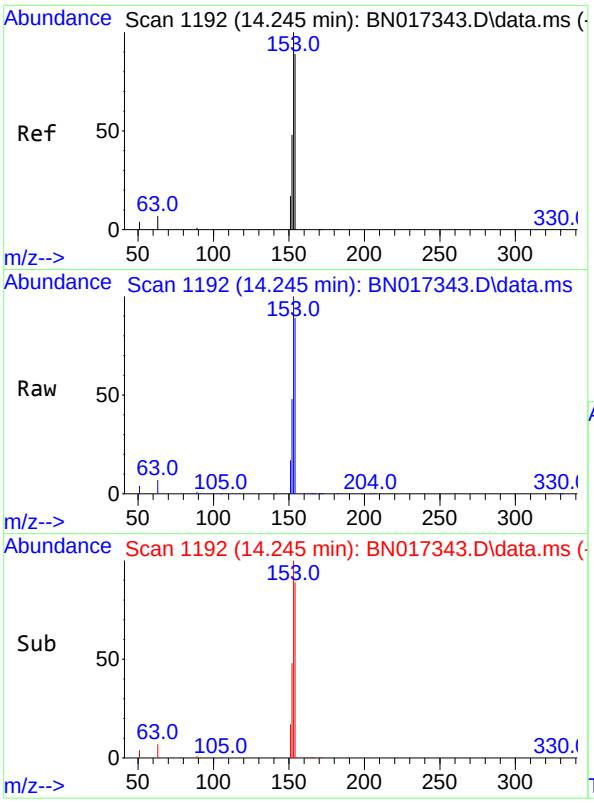


#16
Acenaphthylene
Concen: 0.403 ng
RT: 13.902 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:152 Resp: 105255

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



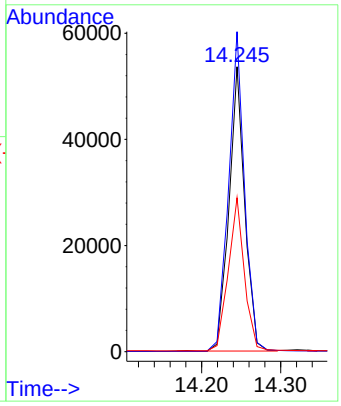


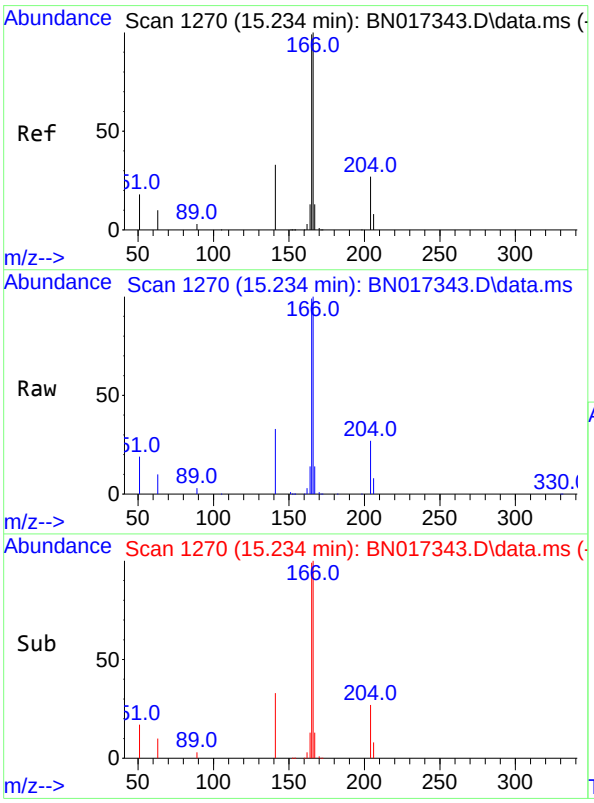
#17
Acenaphthene
Concen: 0.425 ng
RT: 14.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 74333

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	55.4	44.3	66.5

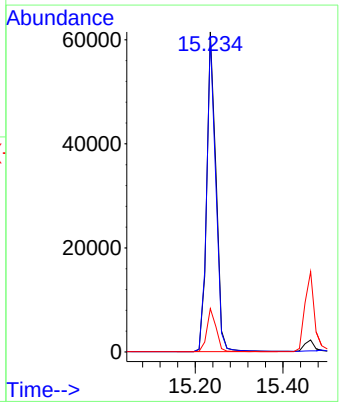


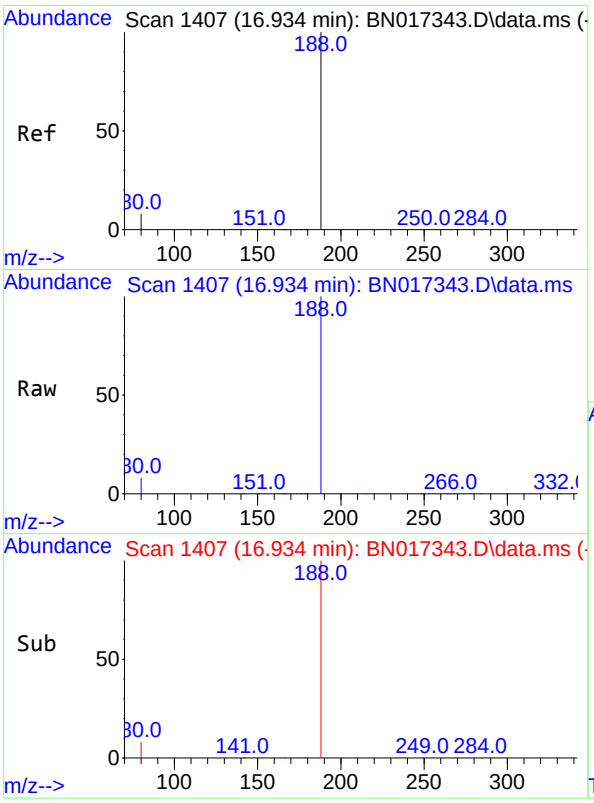


#18
Fluorene
Concen: 0.431 ng
RT: 15.234 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:166 Resp: 89337

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.6	10.9	16.3



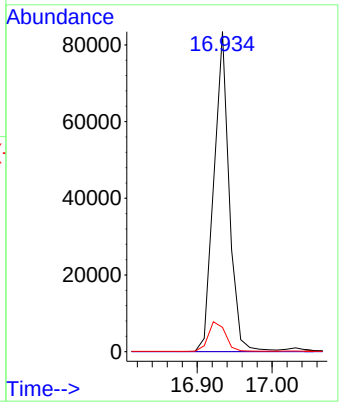


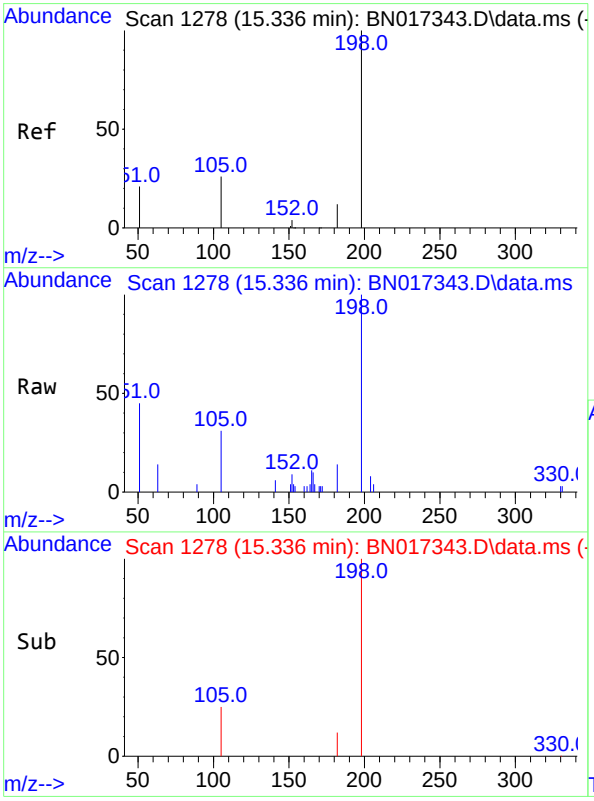
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 118254

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.1	9.1

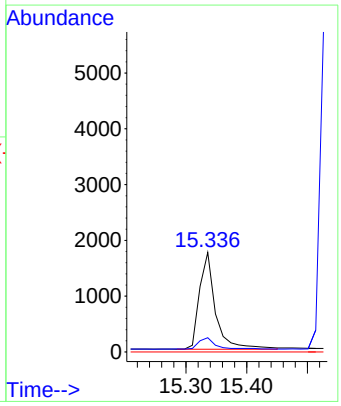


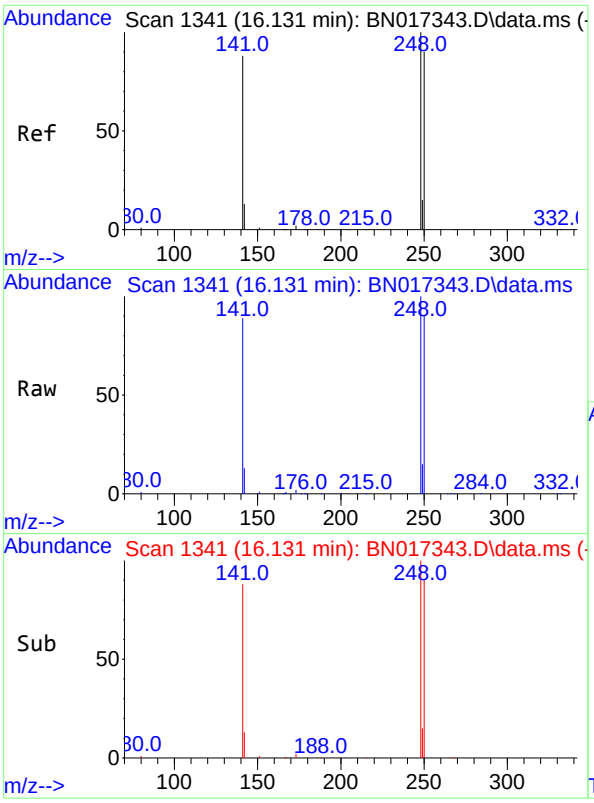


#20
4,6-Dinitro-2-methylphenol
Concen: 0.256 ng
RT: 15.336 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:198 Resp: 3189

Ion	Ratio	Lower	Upper
198	100		
182	14.3	11.4	17.2
77	0.0	0.0	0.0



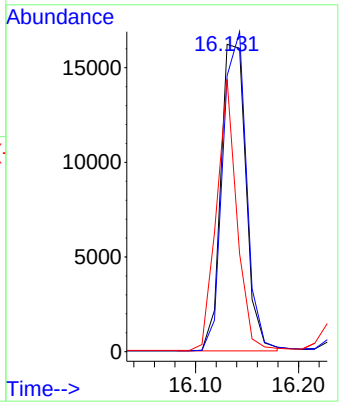


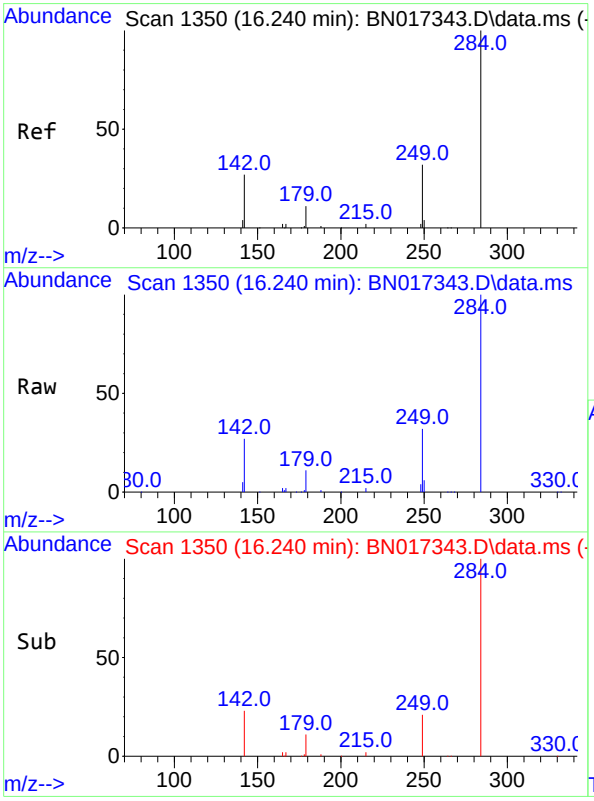
#21
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 27508

Ion	Ratio	Lower	Upper
248	100		
250	89.8	71.8	107.8
141	88.6	70.9	106.3

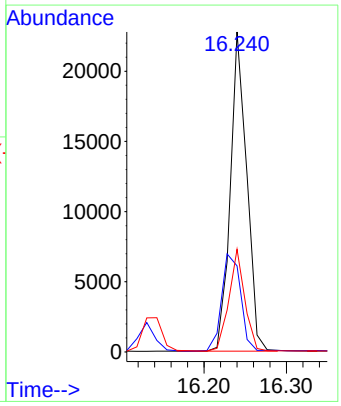


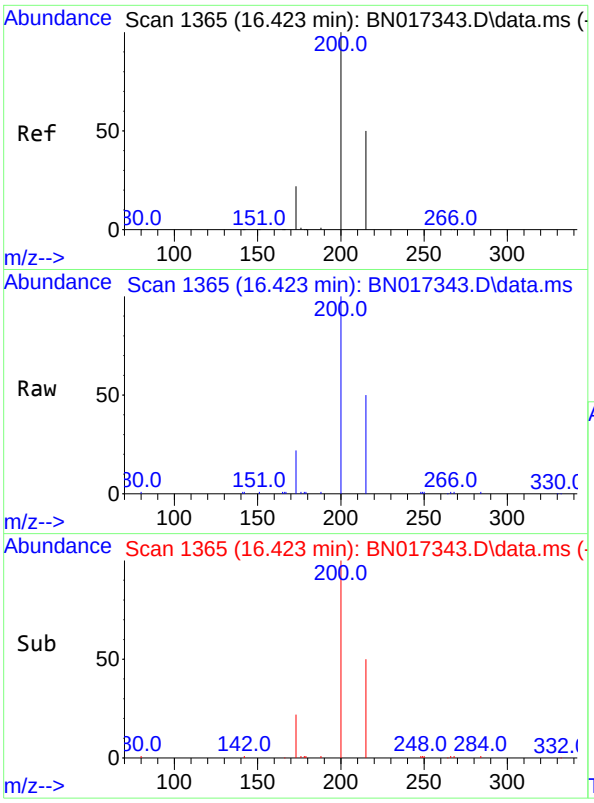


#22
Hexachlorobenzene
Concen: 0.444 ng
RT: 16.240 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:284 Resp: 31584

Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.2	42.2
249	30.5	24.4	36.6



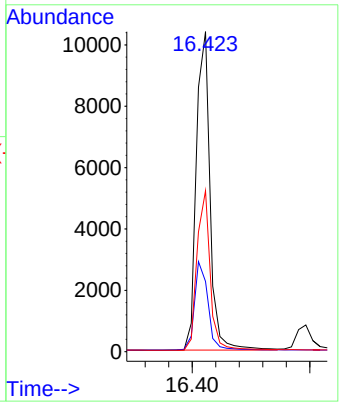


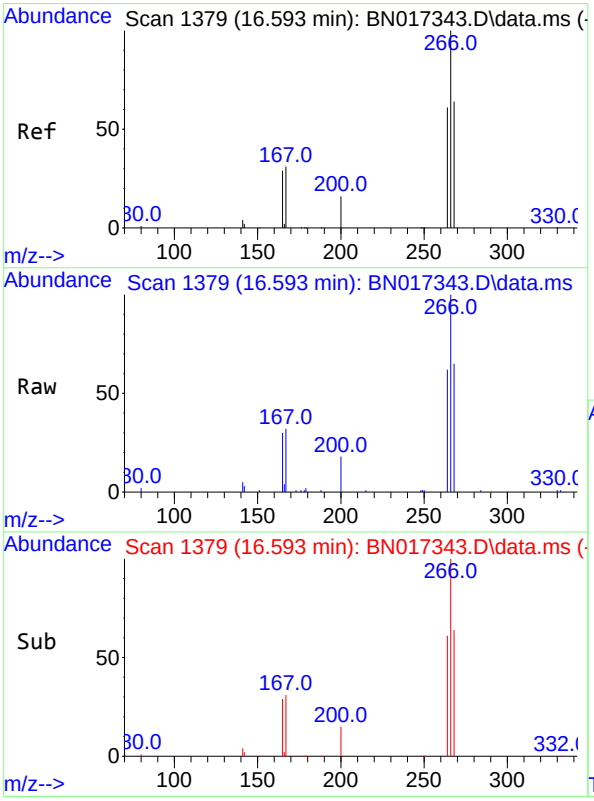
#23
Atrazine
Concen: 0.376 ng
RT: 16.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 16904

Ion	Ratio	Lower	Upper
200	100		
173	22.0	17.6	26.4
215	50.3	40.2	60.4

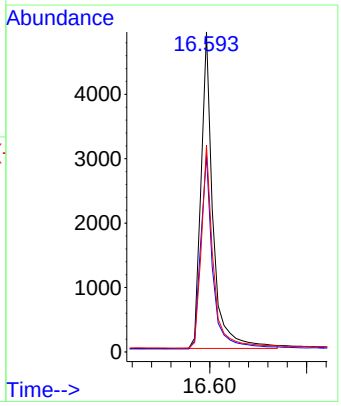


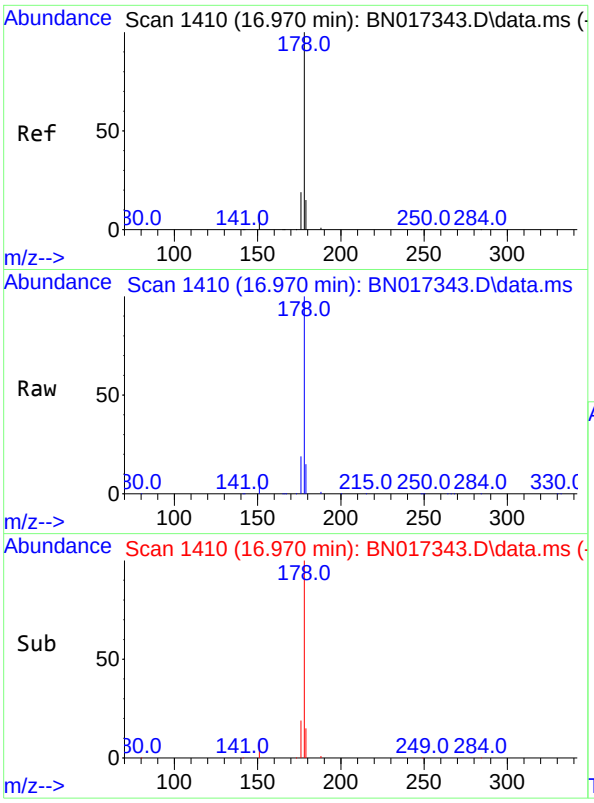


#24
Pentachlorophenol
Concen: 0.378 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:266 Resp: 8463

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.8
268	64.1	51.3	76.9



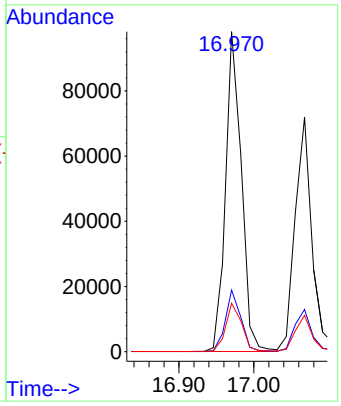


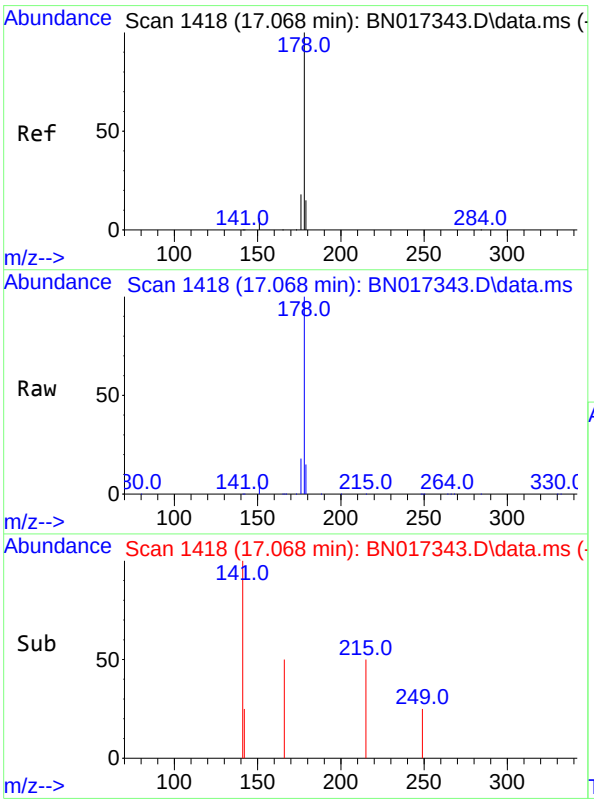
#25
Phenanthrene
Concen: 0.435 ng
RT: 16.970 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 144133

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5

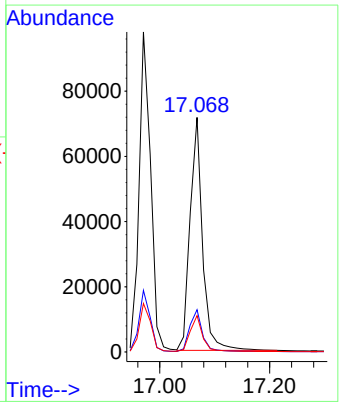


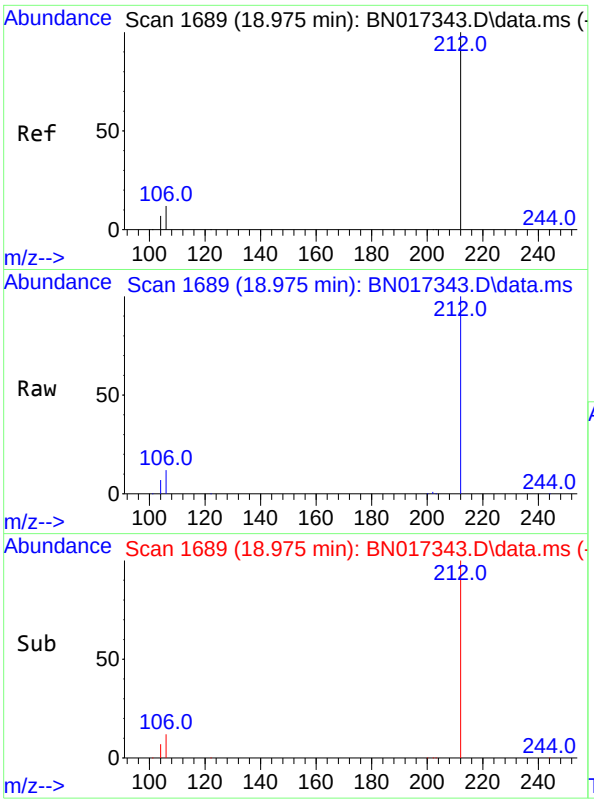


#26
Anthracene
Concen: 0.397 ng
RT: 17.068 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:178 Resp: 113380

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.3	12.2	18.4



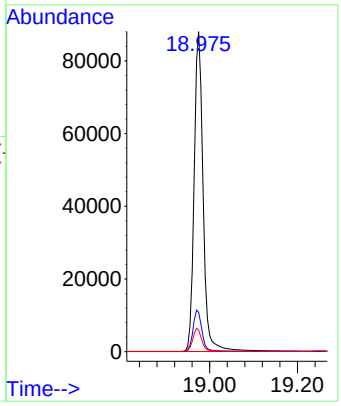


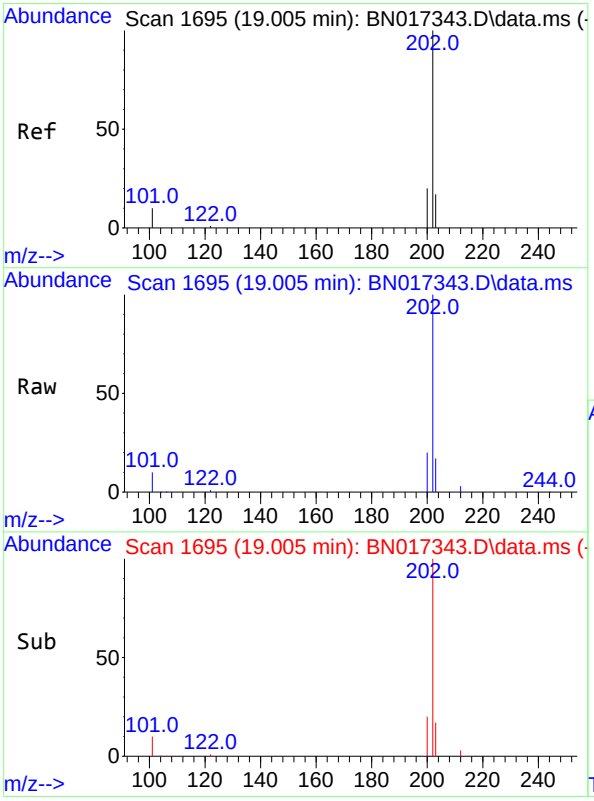
#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 18.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 125191

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.5	15.7
104	7.2	5.8	8.6

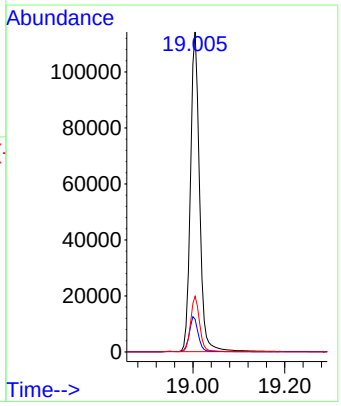


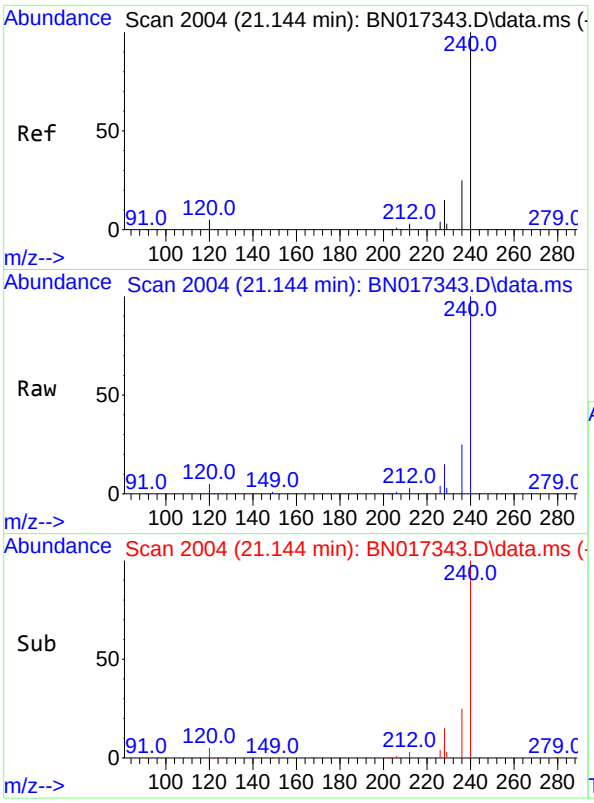


#28
Fluoranthene
Concen: 0.433 ng
RT: 19.005 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:202 Resp: 157157

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.2	13.8	20.6



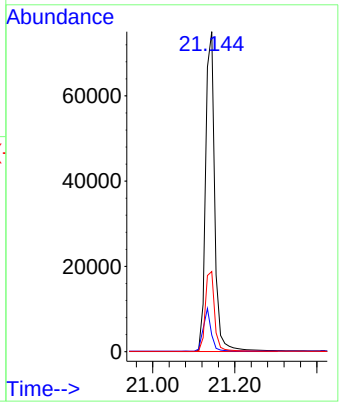


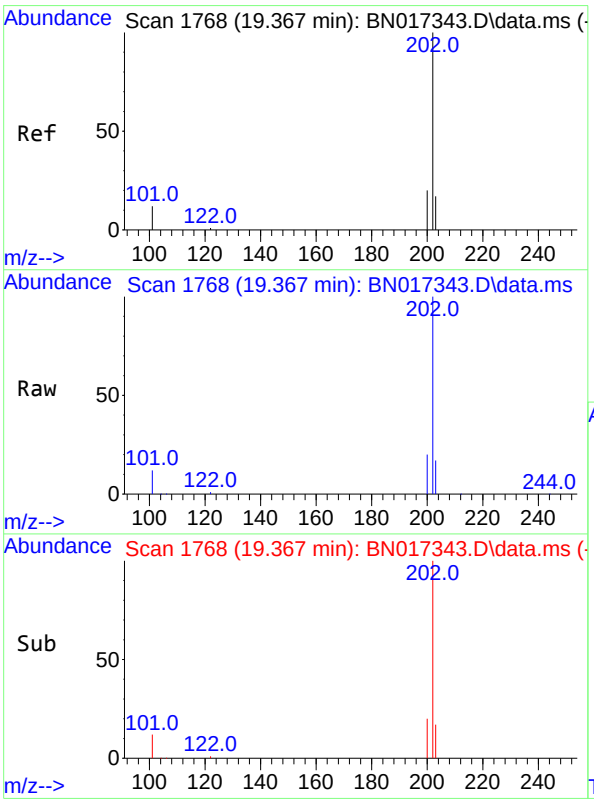
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.144 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 116097

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.2	6.2
236	25.0	20.0	30.0

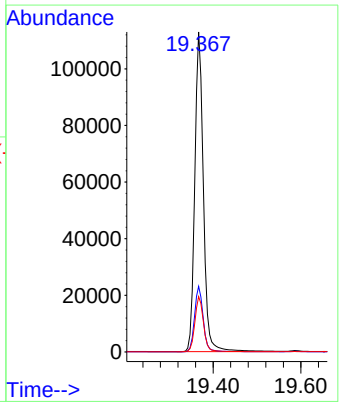


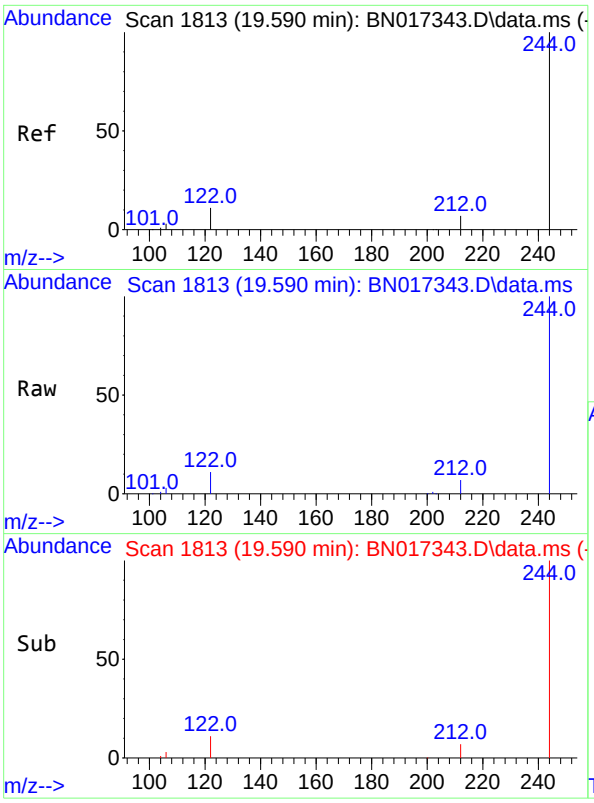


#30
Pyrene
Concen: 0.415 ng
RT: 19.367 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:202 Resp: 154061

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



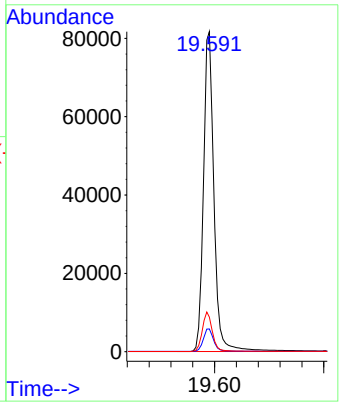


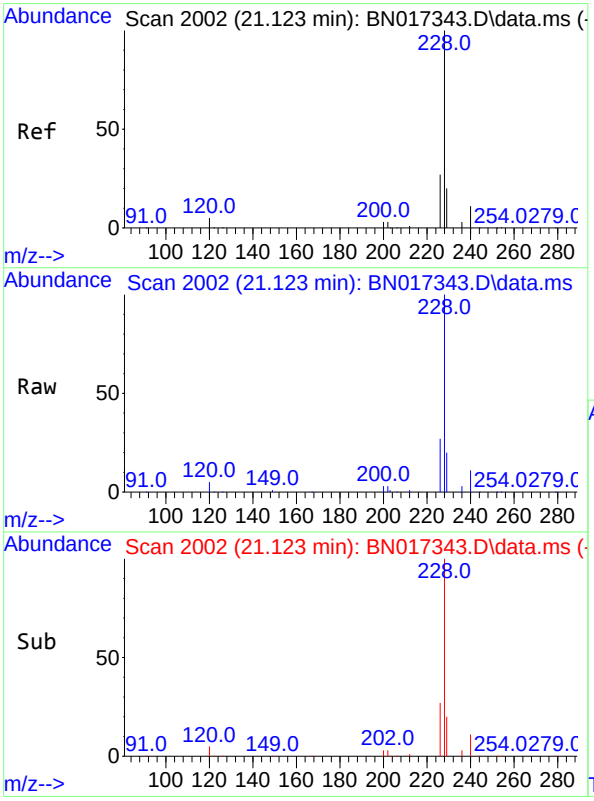
#31
Terphenyl-d14
Concen: 0.430 ng
RT: 19.590 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 109157

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.8	8.6	13.0

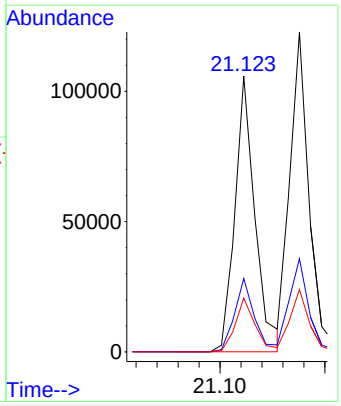


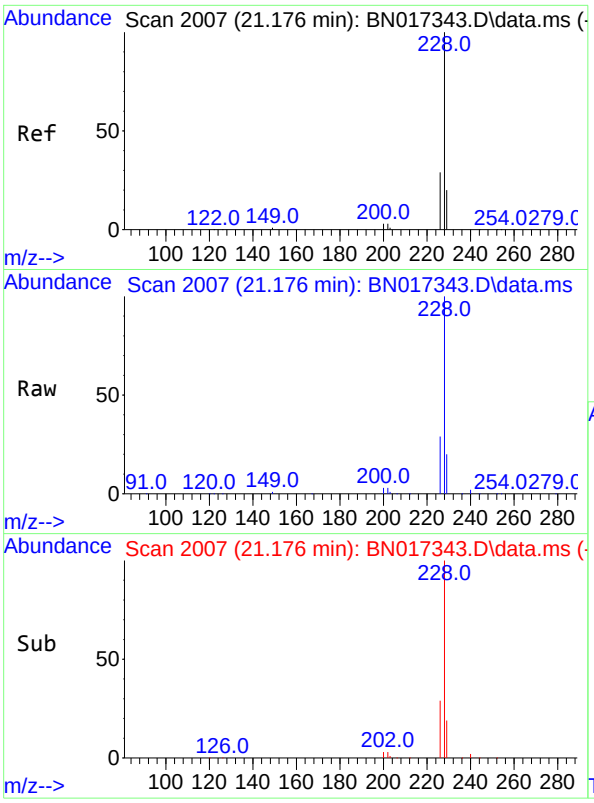


#32
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:228 Resp: 140446

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.6	15.7	23.5



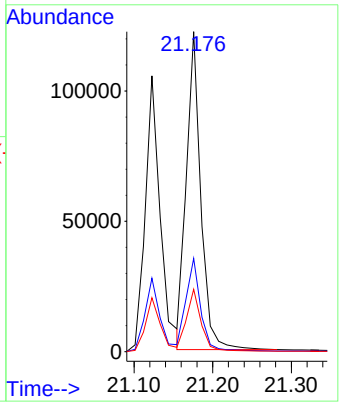


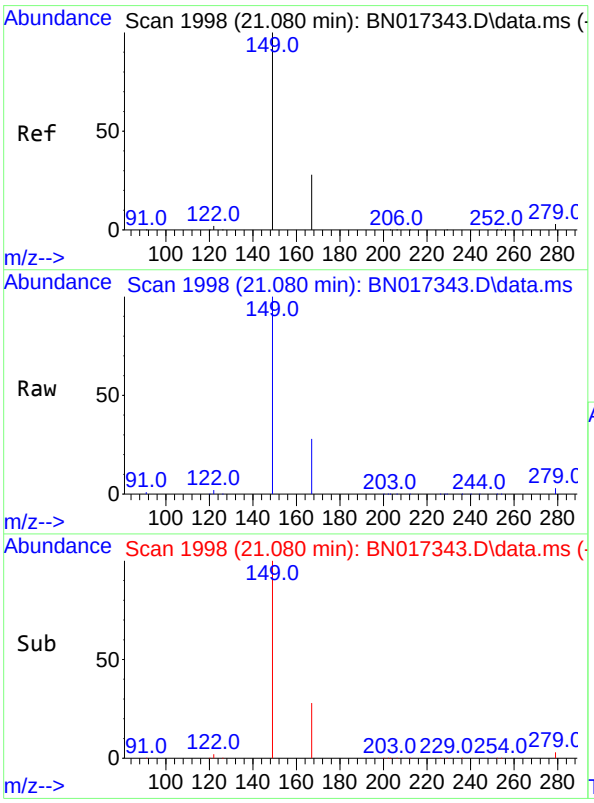
#33
Chrysene
Concen: 0.422 ng
RT: 21.176 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 155124

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	19.5	15.6	23.4

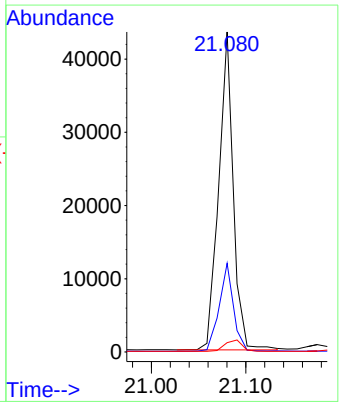


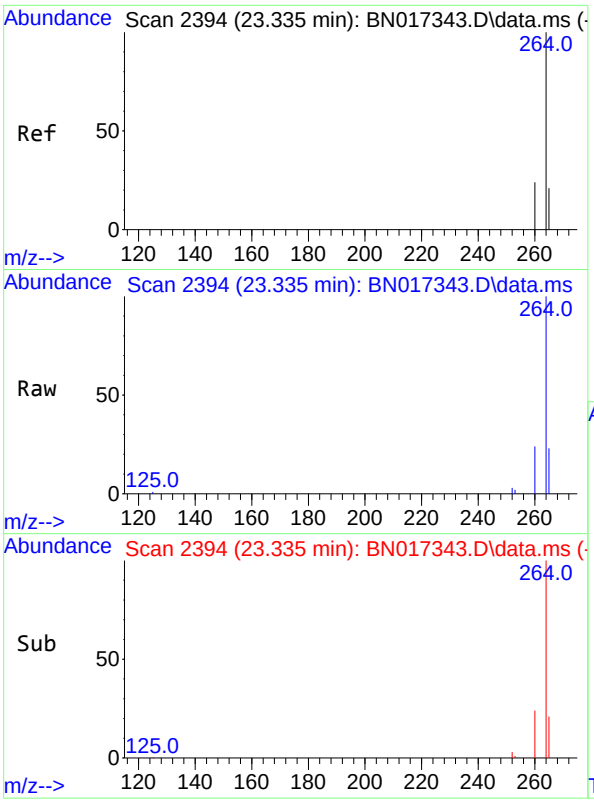


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.268 ng
RT: 21.080 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:149 Resp: 46521

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.6
279	4.2	3.4	5.0



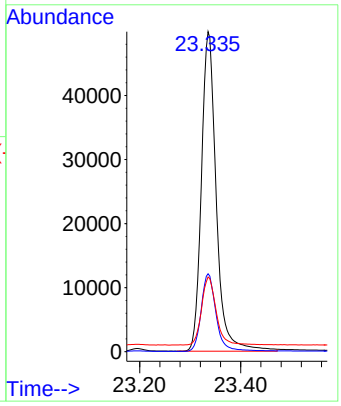


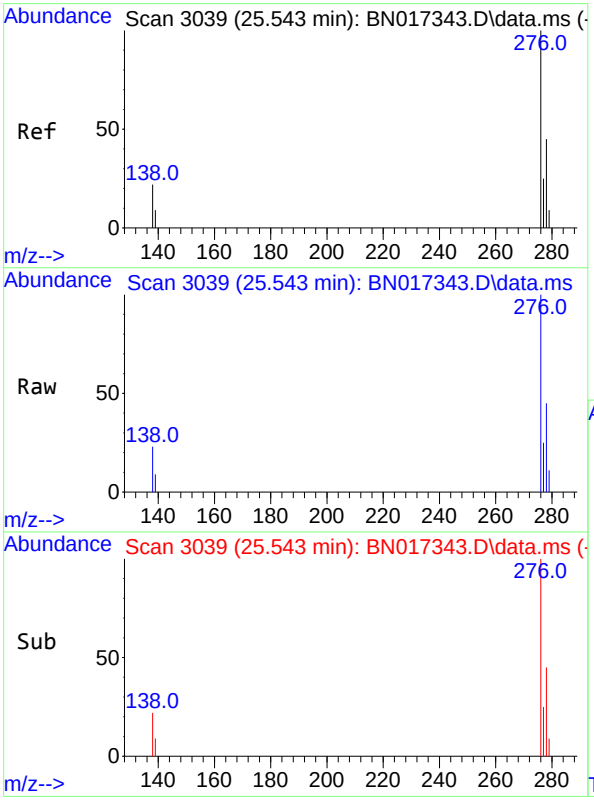
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 101598

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	23.3	18.6	28.0

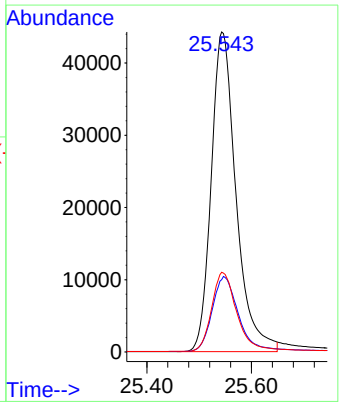


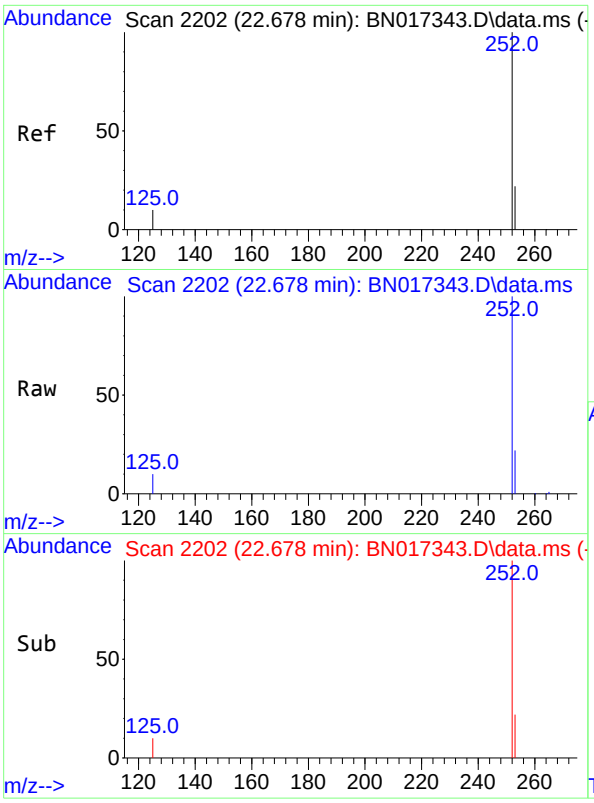


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 25.543 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:276 Resp: 145712

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.7	29.5
277	25.0	20.0	30.0



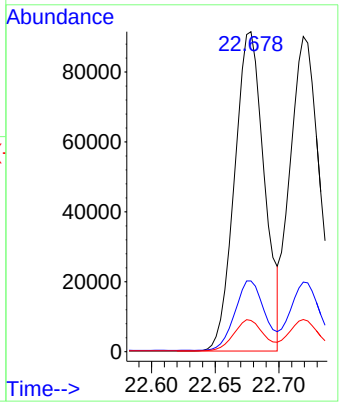


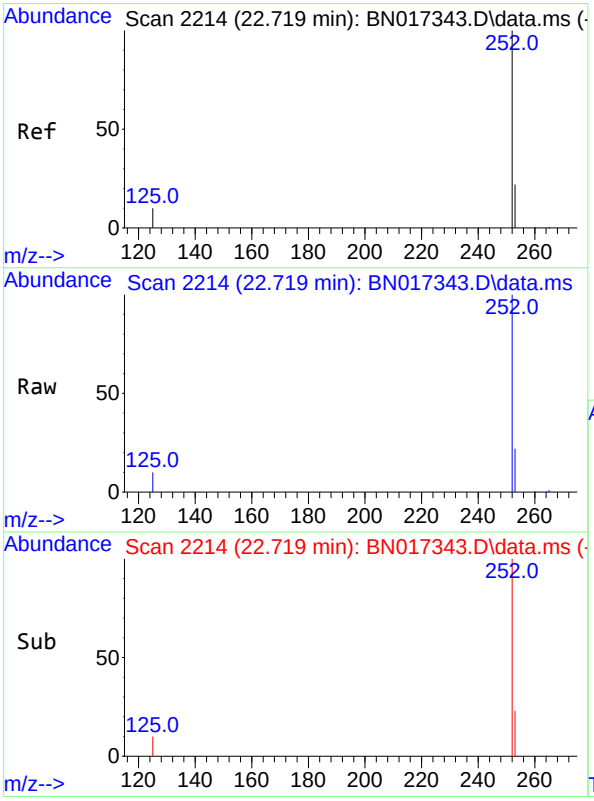
#37
Benzo(b)fluoranthene
Concen: 0.455 ng
RT: 22.678 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 148529

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.8	7.8	11.8

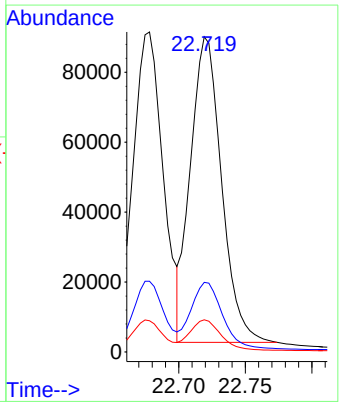


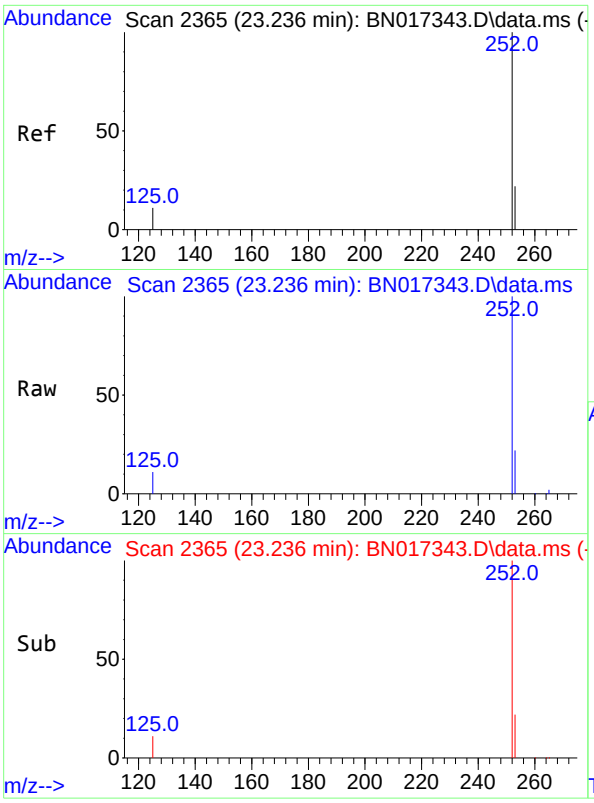


#38
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 22.719 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:252 Resp: 141892

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.2	12.2



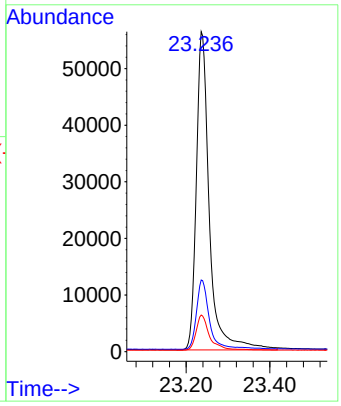


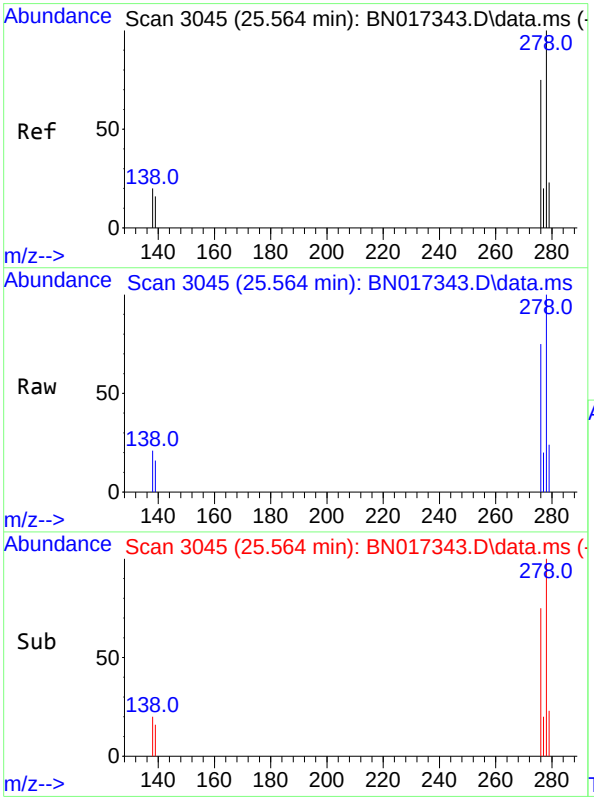
#39
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.236 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 121658

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.5	9.2	13.8

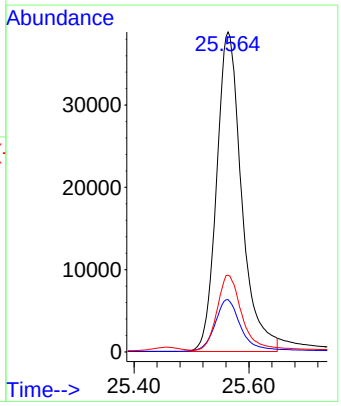


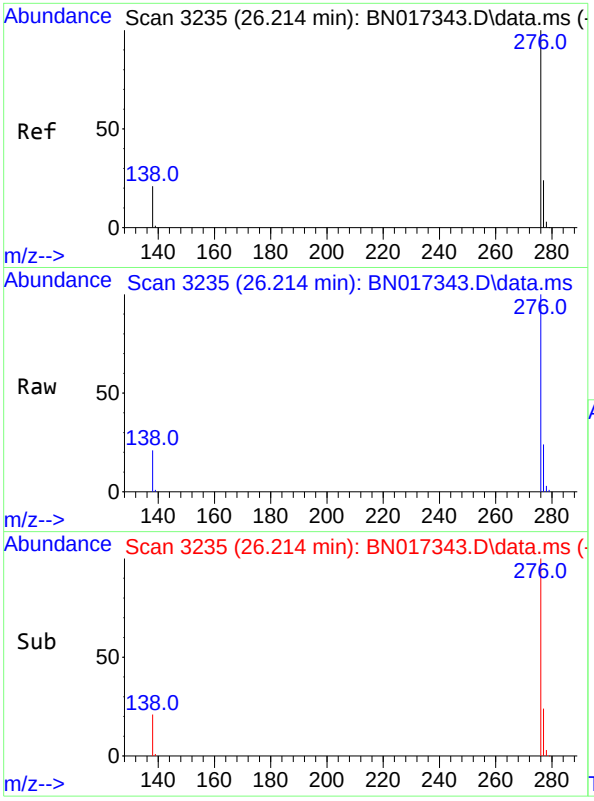


#40
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 25.564 min Scan# 3045
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Tgt Ion:278 Resp: 117395

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.6
279	24.0	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 0.415 ng
RT: 26.214 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN017343.D
Acq: 09 Nov 2021 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 130419

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.4	17.1	25.7