Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017345.D
Acq On : 09 Nov 2021 12:15
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 09 12:44:51 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	27085	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	114085	0.400	ng		0.00
13) Acenaphthene-d10	14.181	164	65601	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	122554	0.400	ng		0.00
29) Chrysene-d12	21.144	240	125297	0.400	ng		0.00
35) Perylene-d12	23.335	264	115251	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.164	112	107177	1.633	ng		0.00
5) Phenol-d6	6.740	99	120946	1.692	ng		0.00
8) Nitrobenzene-d5	8.697	82	129651	1.851	ng		0.01
11) 2-Methylnaphthalene-d10	11.911	152	291929	1.813	ng		0.00
14) 2,4,6-Tribromophenol	15.679	330	44189	1.938	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	416067	1.688	ng		0.00
27) Fluoranthene-d10	18.975	212	547016	1.755	ng		0.00
31) Terphenyl-d14	19.591	244	459259	1.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	25769	1.337	ng		95
3) n-Nitrosodimethylamine	3.467	42	41116	1.613	ng		100
6) bis(2-Chloroethyl)ether	6.989	93	121883	1.653	ng		98
9) Naphthalene	10.357	128	492740	1.604	ng		100
10) Hexachlorobutadiene	10.649	225	101684	1.817	ng	#	100
12) 2-Methylnaphthalene	11.986	142	339231	1.793	ng		99
16) Acenaphthylene	13.902	152	489179	1.816	ng		100
17) Acenaphthene	14.245	154	306394	1.698	ng		98
18) Fluorene	15.234	166	379278	1.774	ng		100
20) 4,6-Dinitro-2-methylph...	15.336	198	22911	1.772	ng	#	90
21) 4-Bromophenyl-phenylether	16.143	248	120014	1.746	ng	#	60
22) Hexachlorobenzene	16.240	284	127997	1.735	ng		100
23) Atrazine	16.423	200	88477	1.901	ng		100
24) Pentachlorophenol	16.593	266	49383	2.127	ng		99
25) Phenanthrene	16.970	178	582508	1.696	ng		100
26) Anthracene	17.068	178	525033	1.775	ng		100
28) Fluoranthene	19.005	202	657914	1.748	ng		100
30) Pyrene	19.367	202	667985	1.667	ng		100
32) Benzo(a)anthracene	21.123	228	672469	1.728	ng		100
33) Chrysene	21.176	228	657542	1.656	ng		99
34) Bis(2-ethylhexyl)phtha...	21.080	149	290413	1.549	ng		99
36) Indeno(1,2,3-cd)pyrene	25.543	276	681240	1.676	ng		100
37) Benzo(b)fluoranthene	22.678	252	652586	1.760	ng		100
38) Benzo(k)fluoranthene	22.719	252	641582	1.743	ng		100
39) Benzo(a)pyrene	23.236	252	587176	1.754	ng		99
40) Dibenzo(a,h)anthracene	25.564	278	554731	1.691	ng		100
41) Benzo(g,h,i)perylene	26.217	276	581108	1.629	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017345.D
Acq On : 09 Nov 2021 12:15
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Nov 09 12:44:51 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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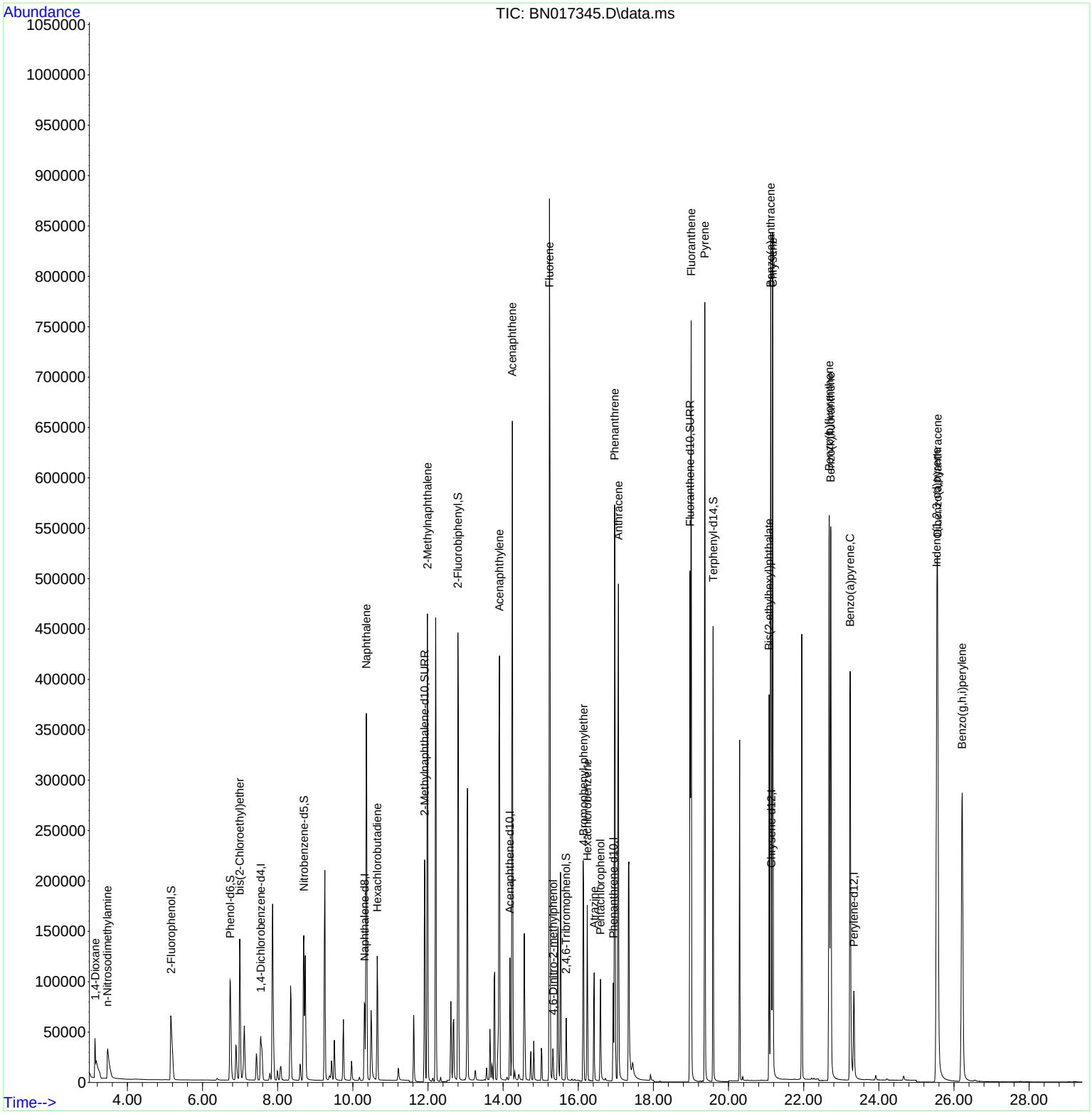
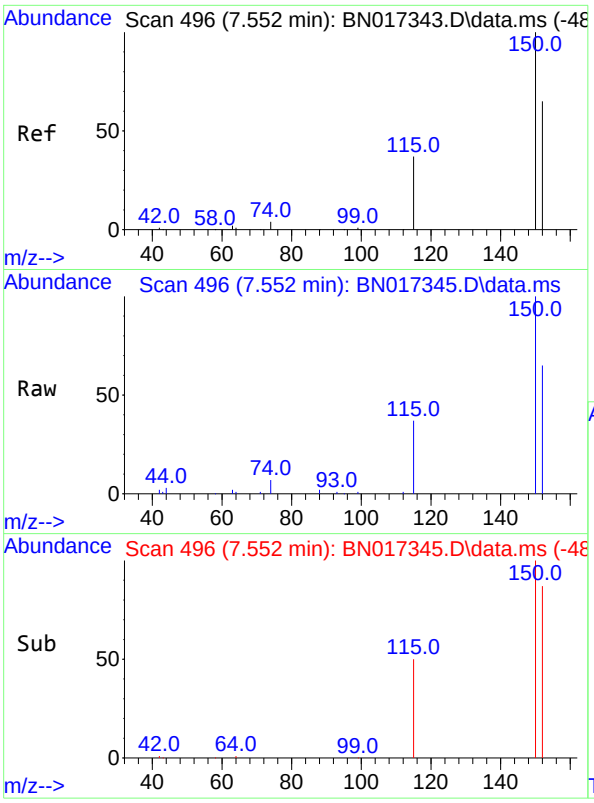


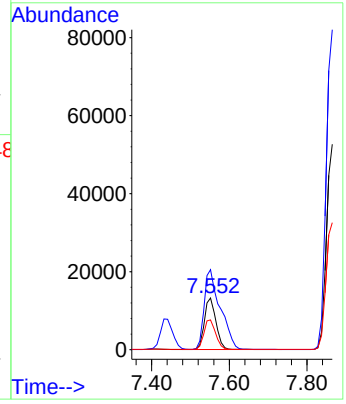


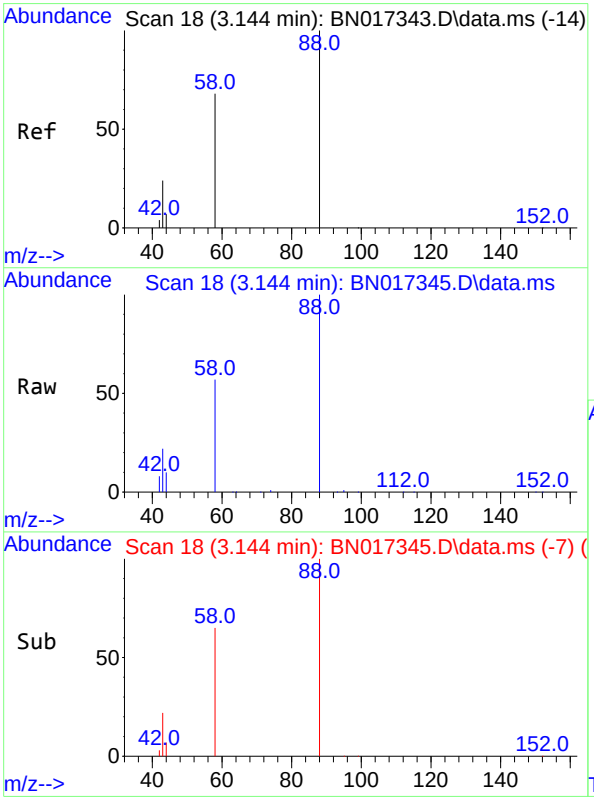
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 27085

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.0	184.4
115	57.6	45.6	68.4

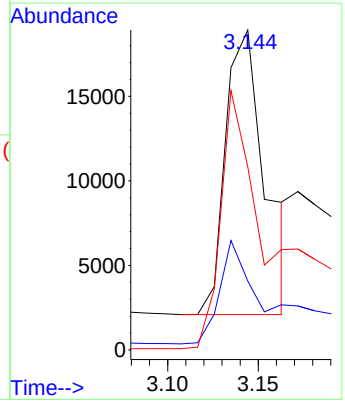


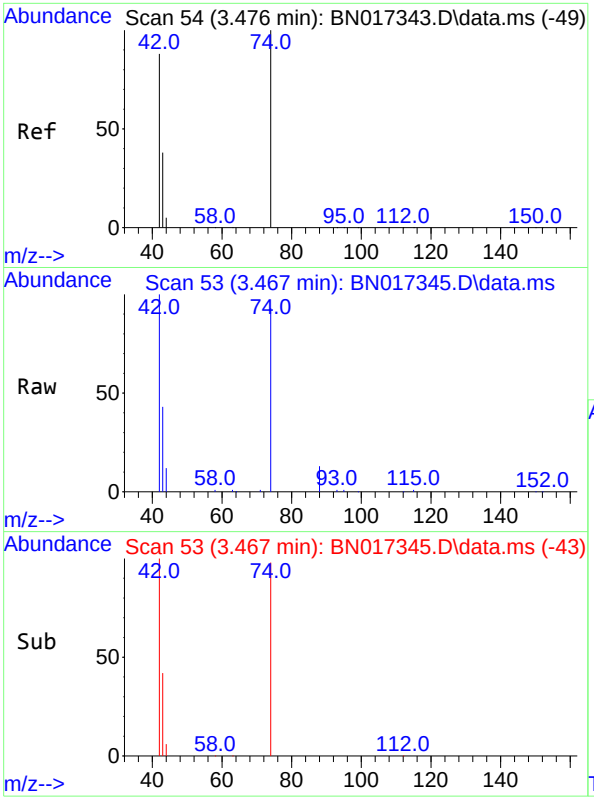


#2
1,4-Dioxane
Concen: 1.337 ng
RT: 3.144 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion: 88 Resp: 25769

Ion	Ratio	Lower	Upper
88	100		
43	29.1	24.7	37.1
58	74.3	63.0	94.6



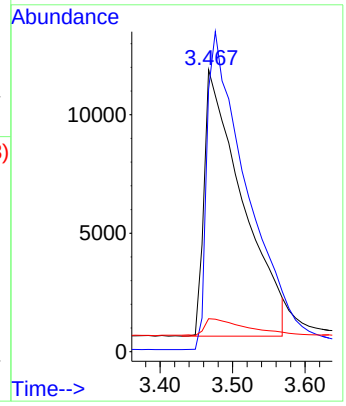


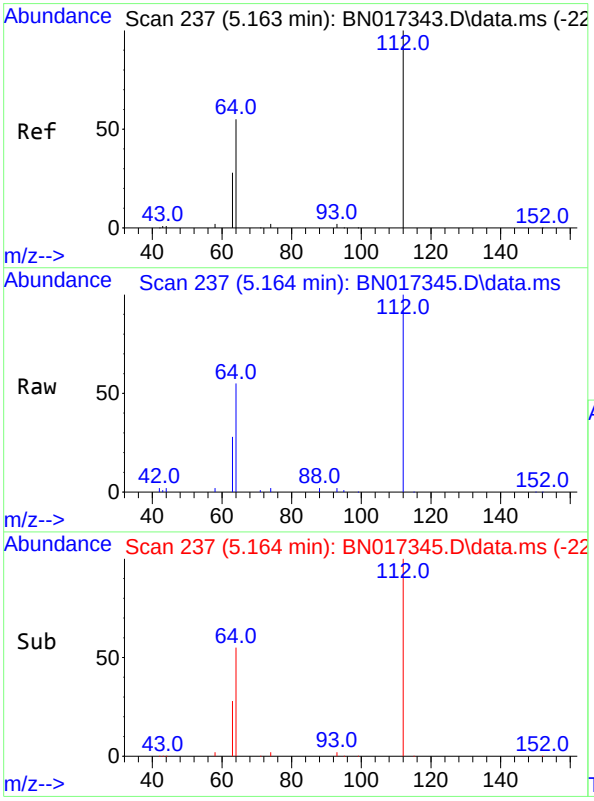
#3
n-Nitrosodimethylamine
Concen: 1.613 ng
RT: 3.467 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 41116

Ion	Ratio	Lower	Upper
42	100		
74	121.9	97.8	146.6
44	7.0	5.5	8.3

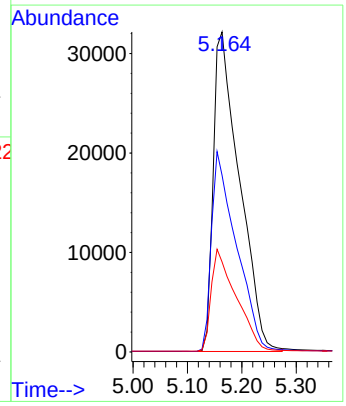


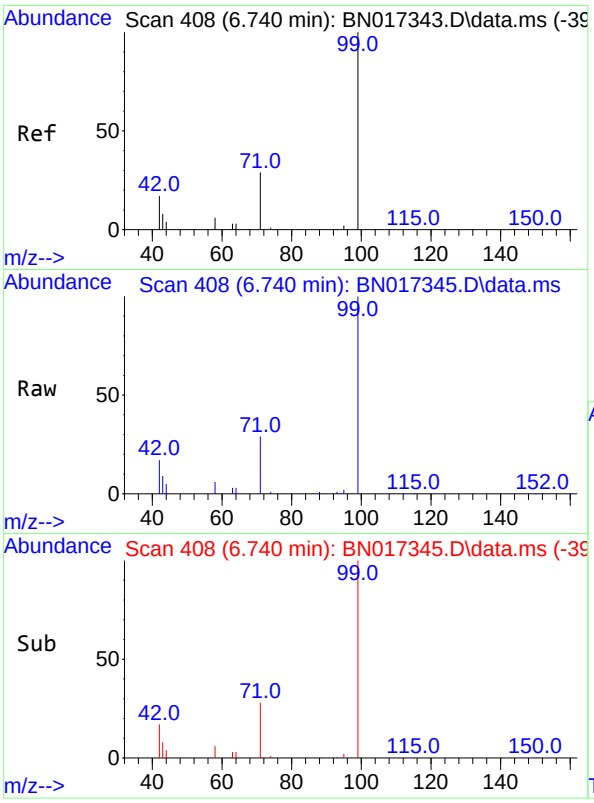


#4
2-Fluorophenol
Concen: 1.633 ng
RT: 5.164 min Scan# 237
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:112 Resp: 107177

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.6	71.4
63	30.6	24.6	37.0



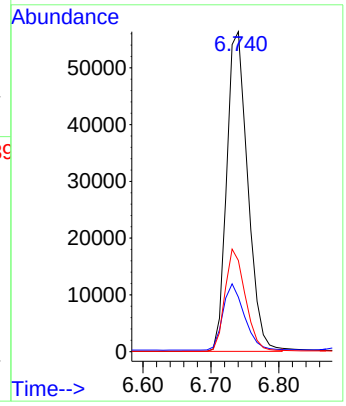


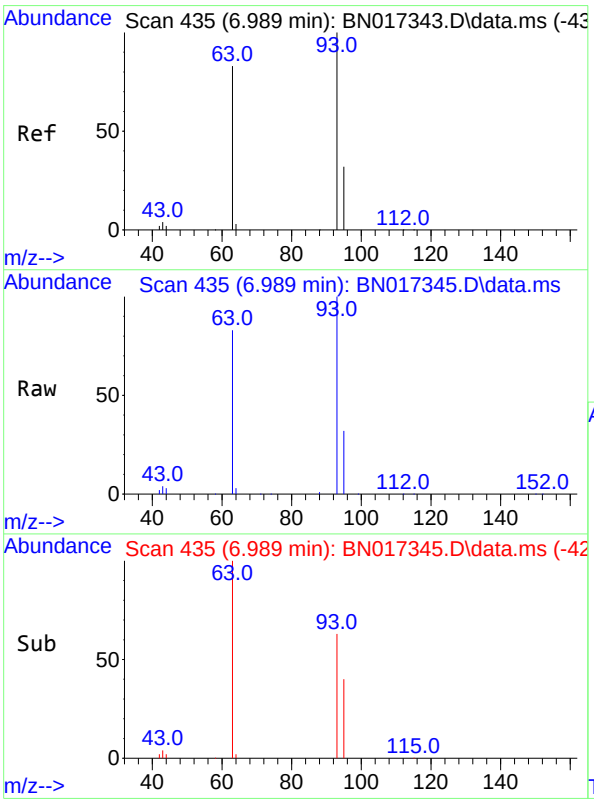
#5
Phenol-d6
Concen: 1.692 ng
RT: 6.740 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 120946

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	31.0	24.8	37.2

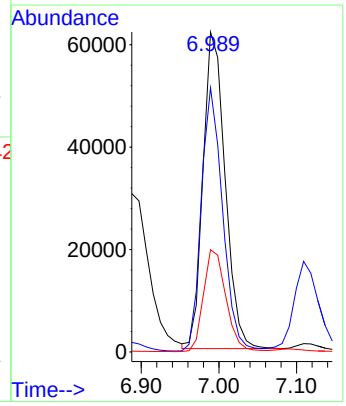


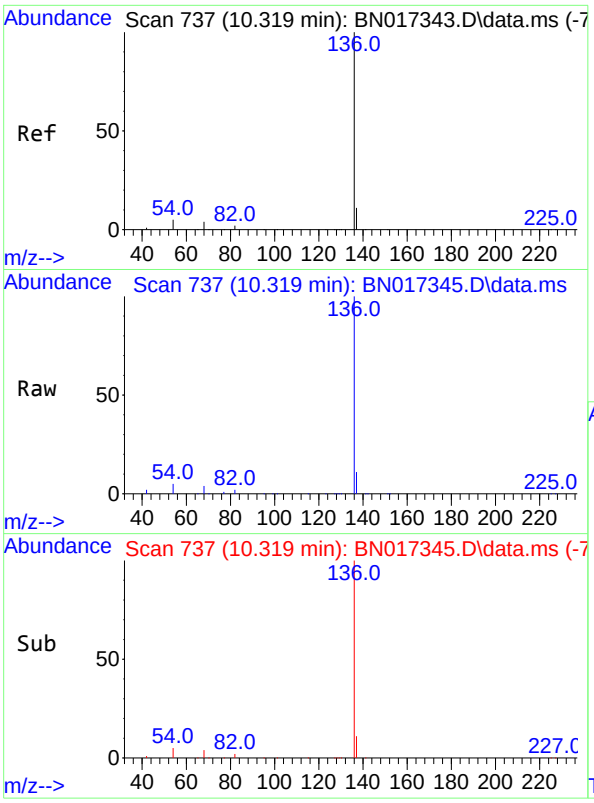


#6
bis(2-Chloroethyl)ether
Concen: 1.653 ng
RT: 6.989 min Scan# 435
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion: 93 Resp: 121883

Ion	Ratio	Lower	Upper
93	100		
63	80.4	65.8	98.6
95	32.7	26.6	39.8



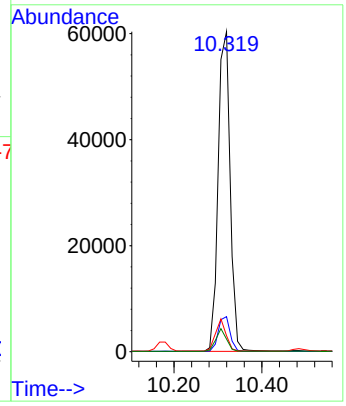


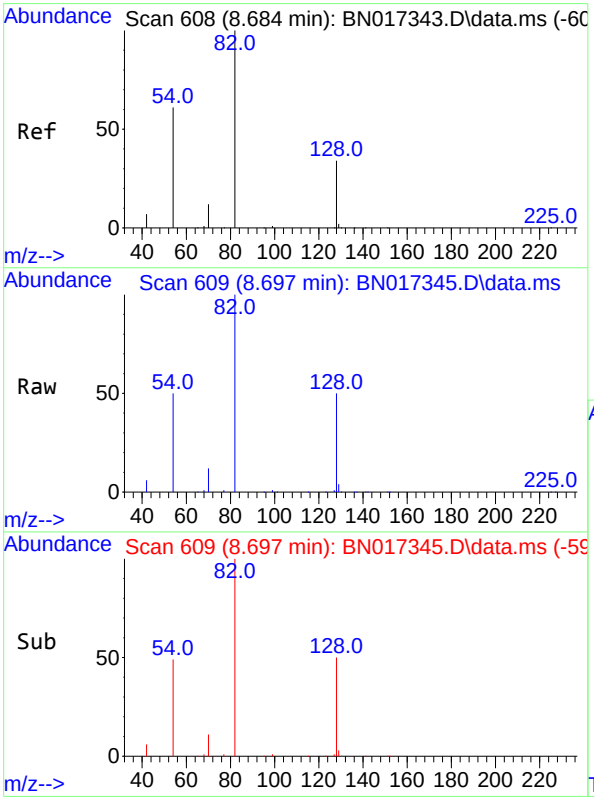
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 114085

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.0	4.0	6.0
68	3.9	3.0	4.6

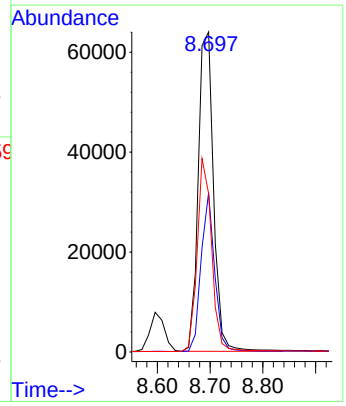


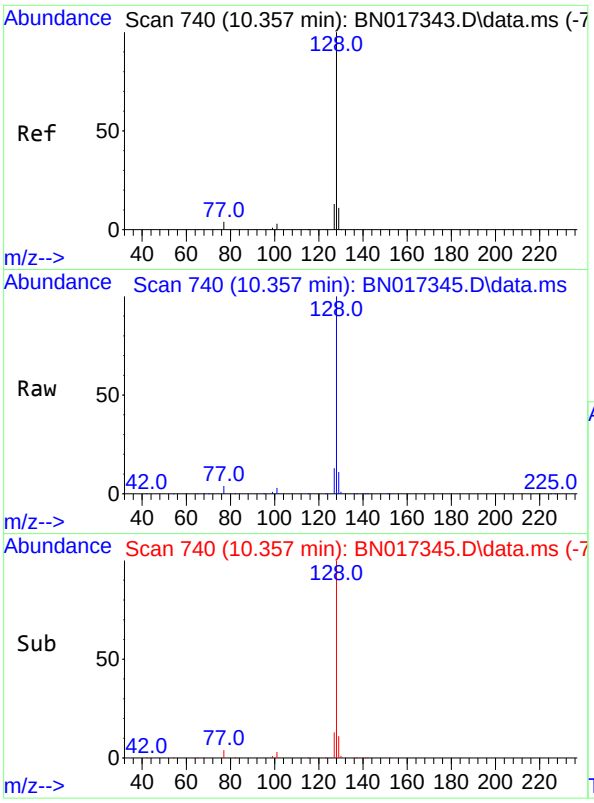


#8
Nitrobenzene-d5
Concen: 1.851 ng
RT: 8.697 min Scan# 609
Delta R.T. 0.013 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion: 82 Resp: 129651

Ion	Ratio	Lower	Upper
82	100		
128	49.8	27.7	41.5#
54	49.5	49.2	73.8



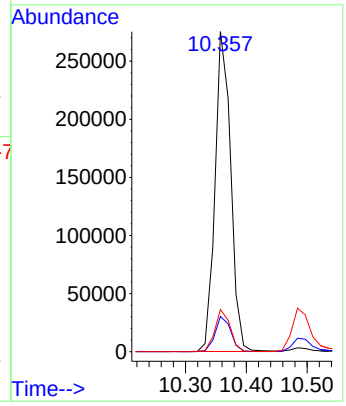


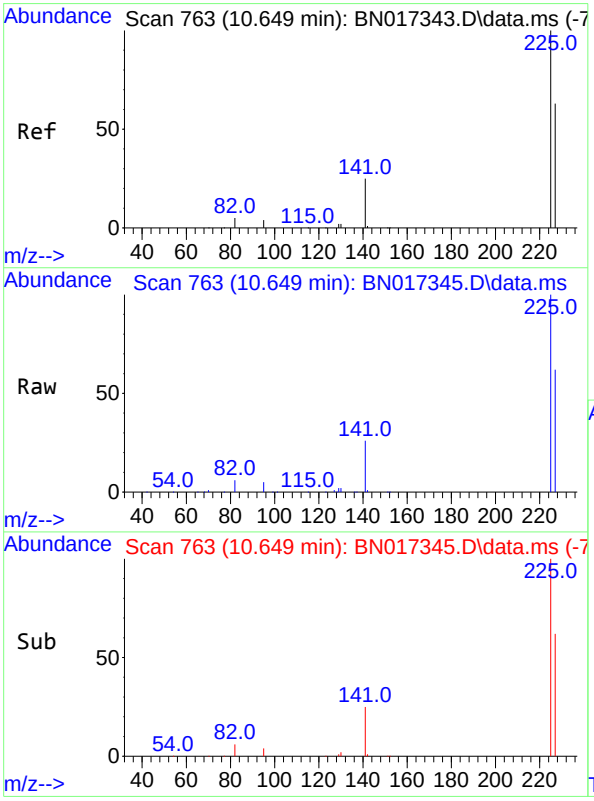
#9
Naphthalene
Concen: 1.604 ng
RT: 10.357 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 492740

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

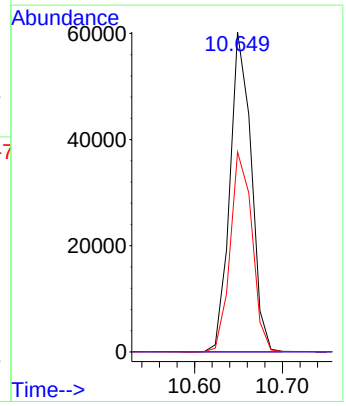


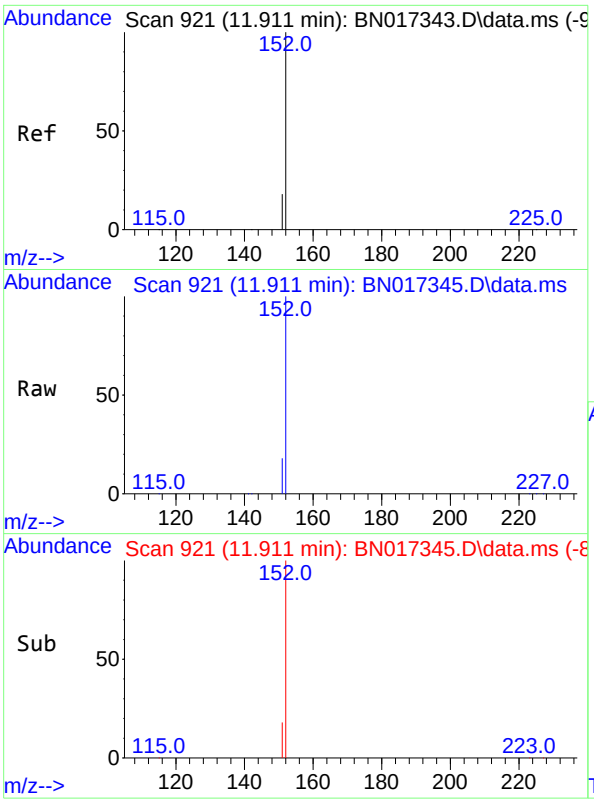


#10
Hexachlorobutadiene
Concen: 1.817 ng
RT: 10.649 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:225 Resp: 101684

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.1	76.7



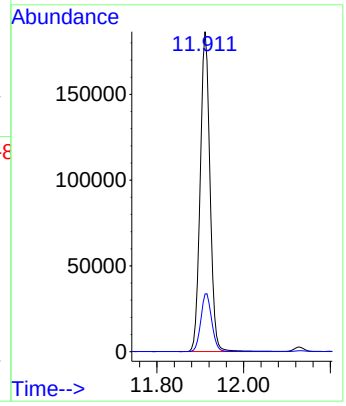


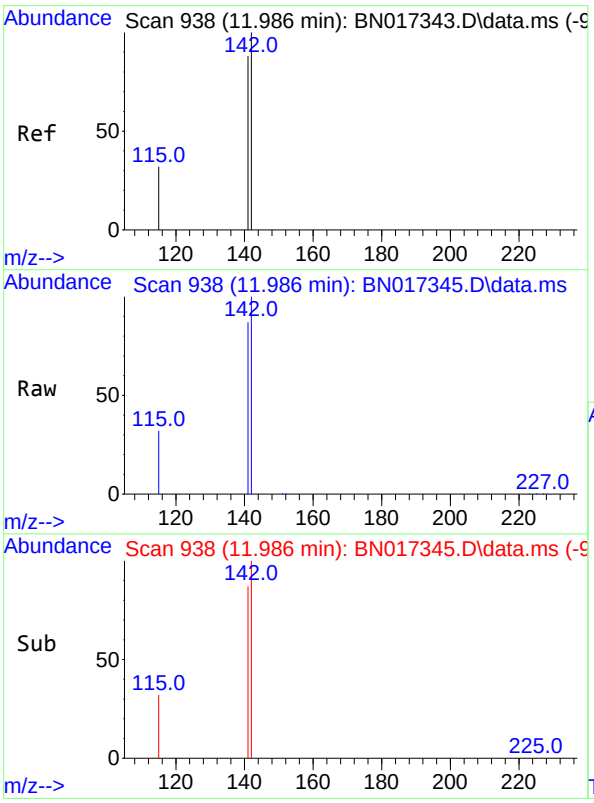
#11
2-Methylnaphthalene-d10
Concen: 1.813 ng
RT: 11.911 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 291929

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

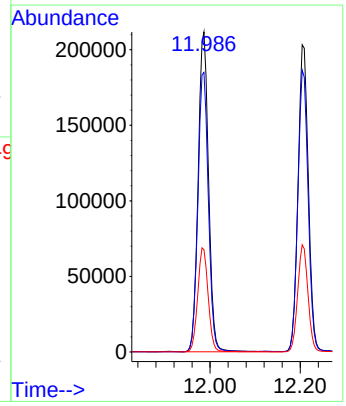


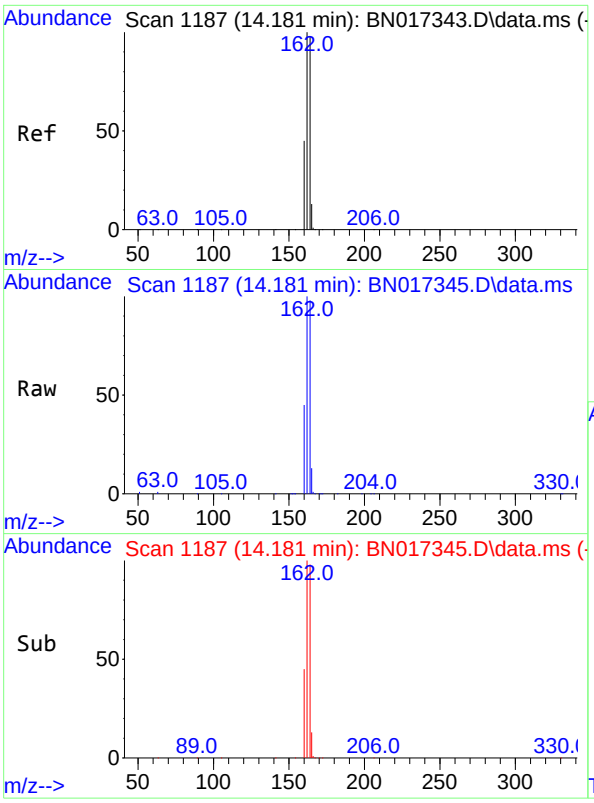


#12
2-Methylnaphthalene
Concen: 1.793 ng
RT: 11.986 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:142 Resp: 339231

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	106.0
115	32.0	25.8	38.6



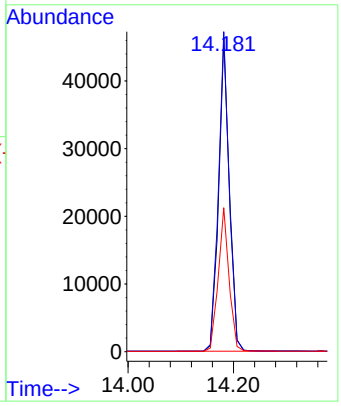


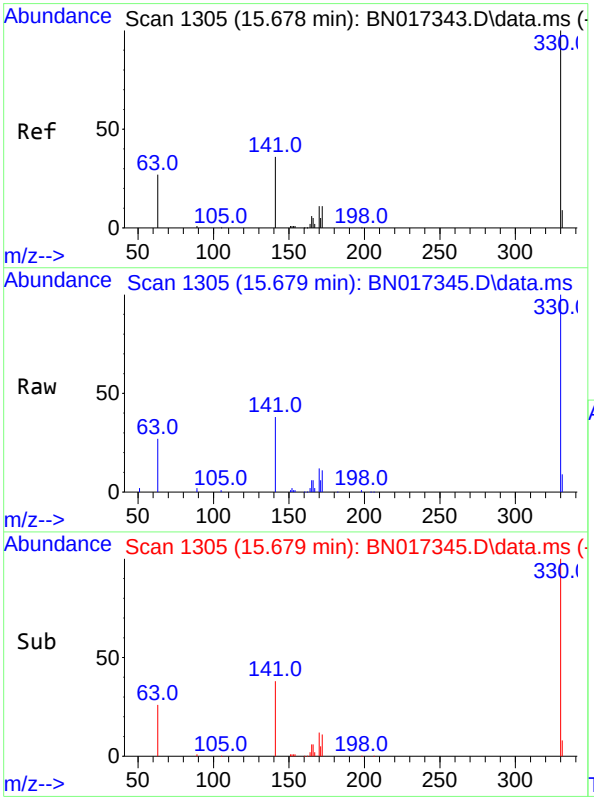
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 65601

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.2
160	45.9	36.8	55.2

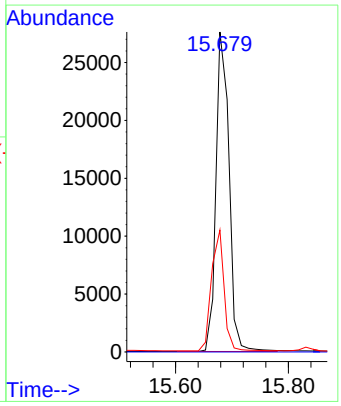


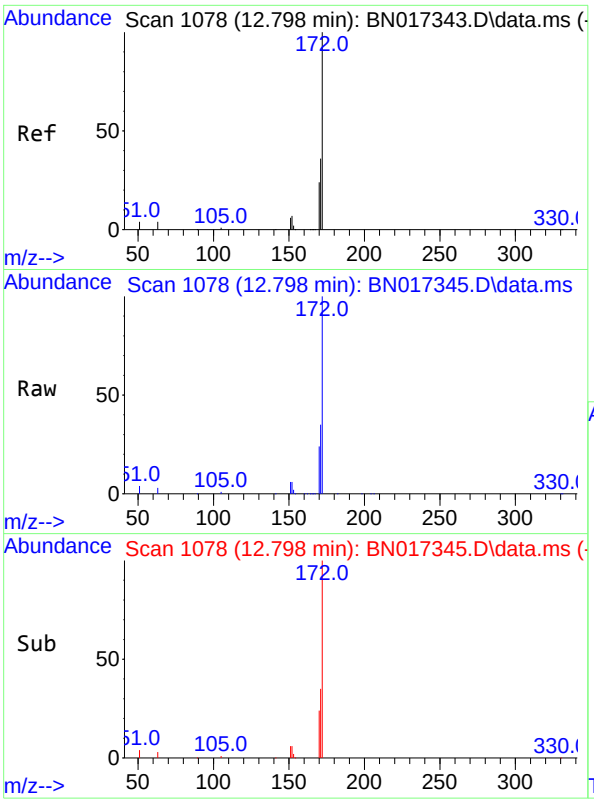


#14
2,4,6-Tribromophenol
Concen: 1.938 ng
RT: 15.679 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:330 Resp: 44189

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.5	28.9	43.3



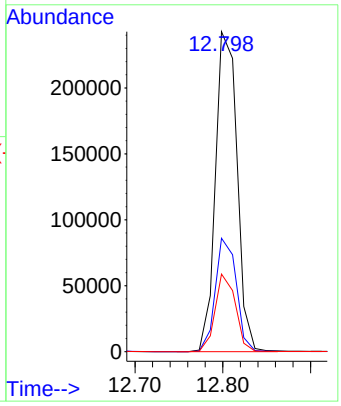


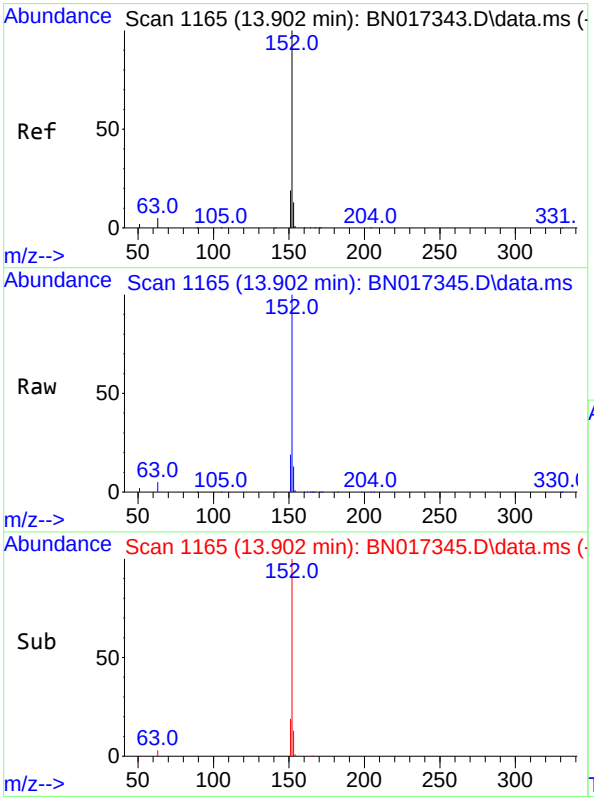
#15
2-Fluorobiphenyl
Concen: 1.688 ng
RT: 12.798 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 416067

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	24.2	19.4	29.2

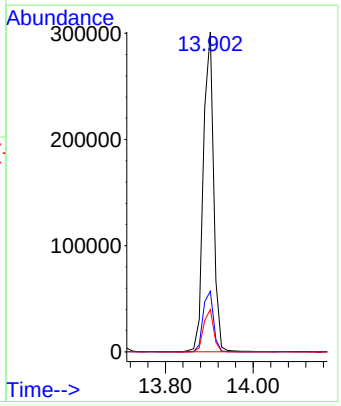


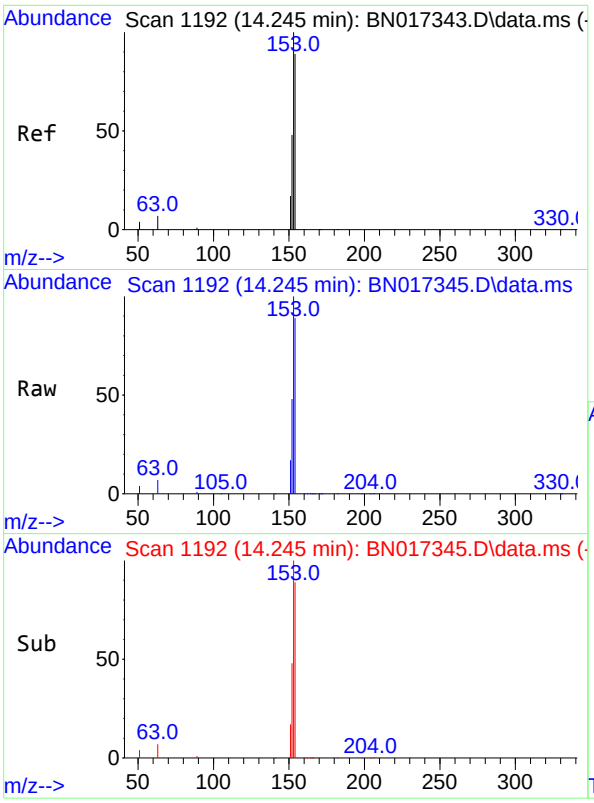


#16
Acenaphthylene
Concen: 1.816 ng
RT: 13.902 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:152 Resp: 489179

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6



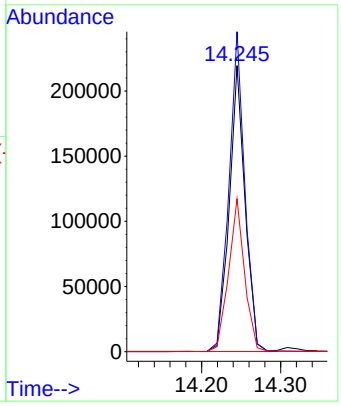


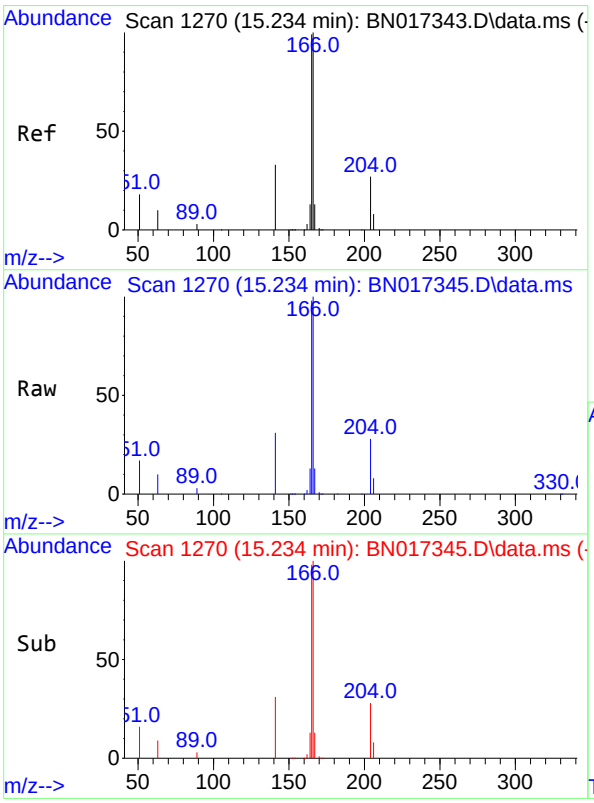
#17
Acenaphthene
Concen: 1.698 ng
RT: 14.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 306394

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.2	136.8
152	54.1	44.3	66.5

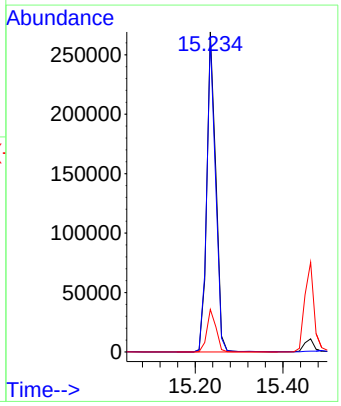


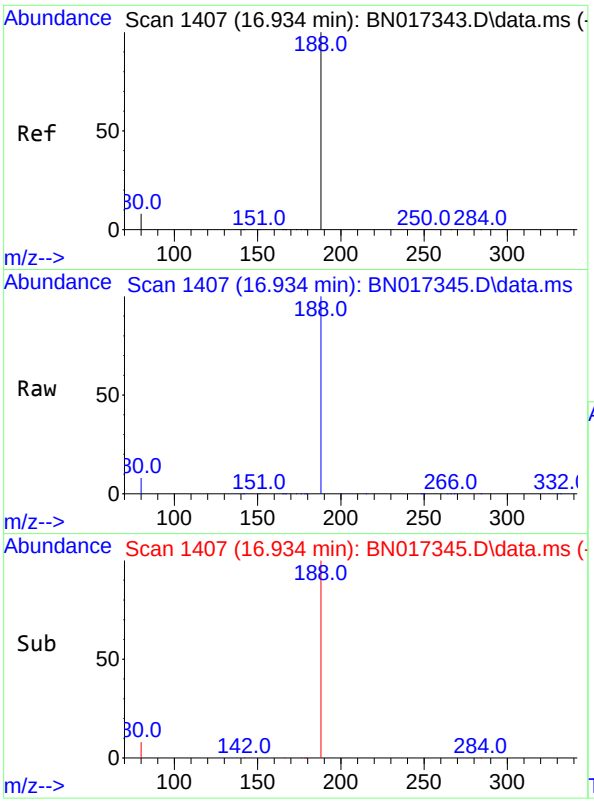


#18
Fluorene
Concen: 1.774 ng
RT: 15.234 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:166 Resp: 379278

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.9	116.9
167	13.4	10.9	16.3



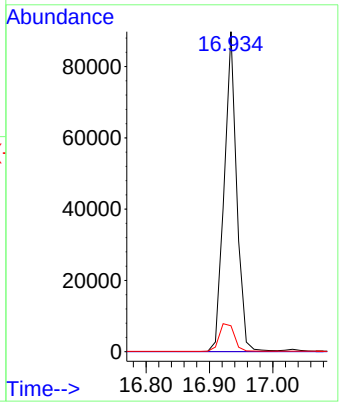


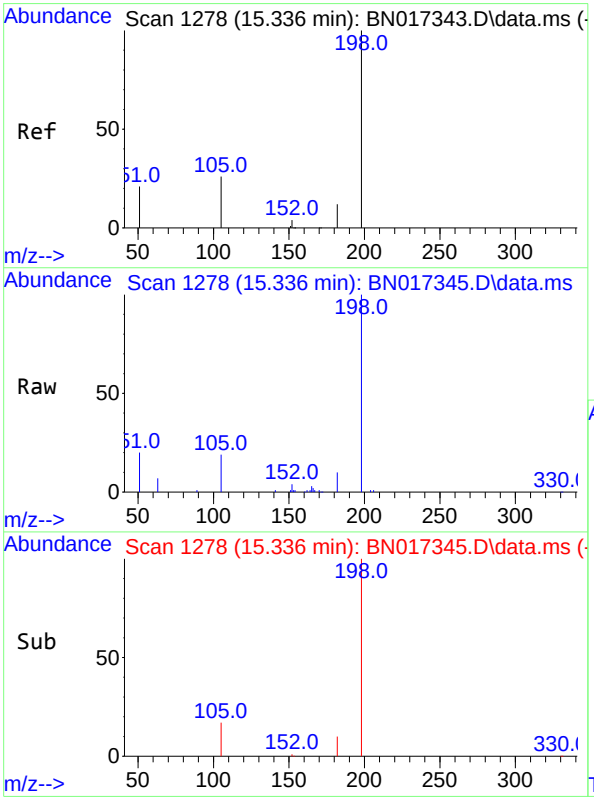
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 122554

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.1	9.1

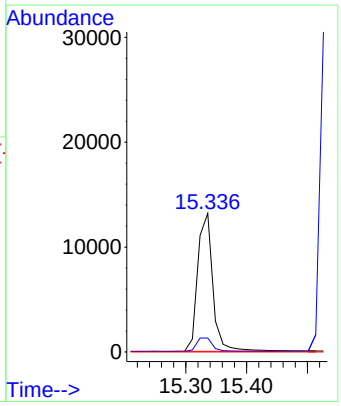


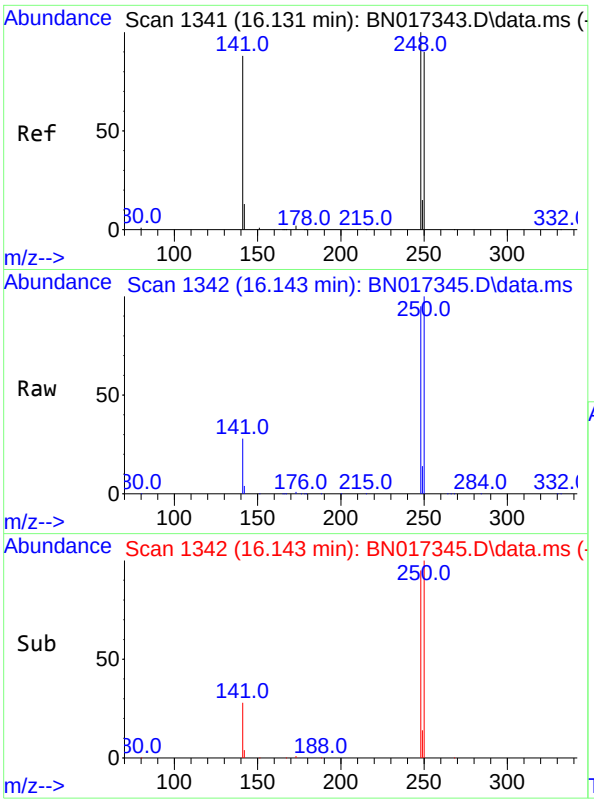


#20
4,6-Dinitro-2-methylphenol
Concen: 1.772 ng
RT: 15.336 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:198 Resp: 22911

Ion	Ratio	Lower	Upper
198	100		
182	10.0	11.4	17.2#
77	0.0	0.0	0.0



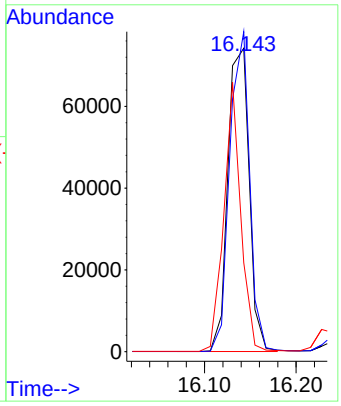


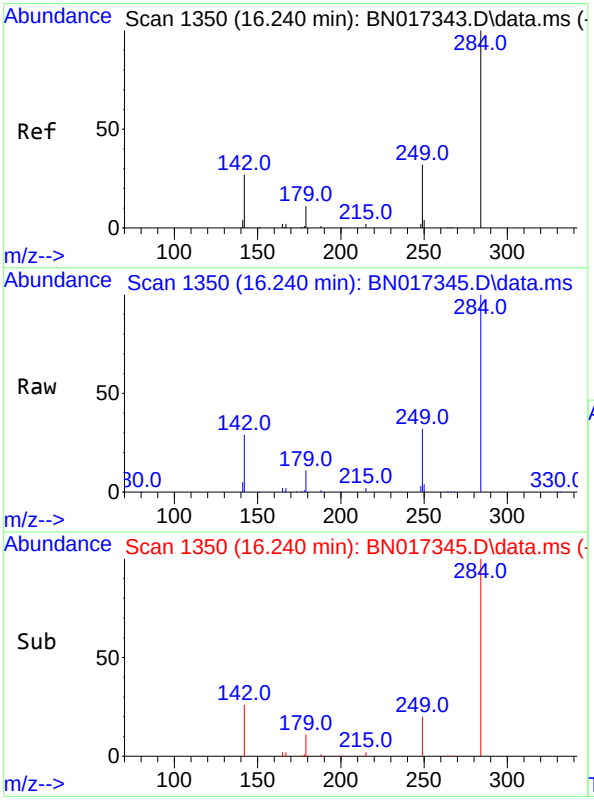
#21
4-Bromophenyl-phenylether
Concen: 1.746 ng
RT: 16.143 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 120014

Ion	Ratio	Lower	Upper
248	100		
250	105.5	71.8	107.8
141	29.3	70.9	106.3#

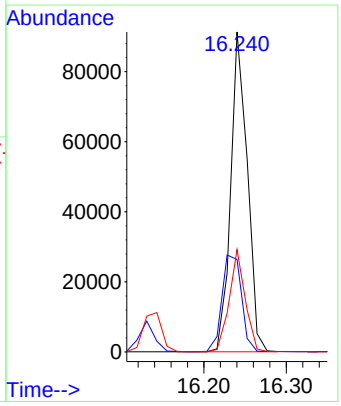


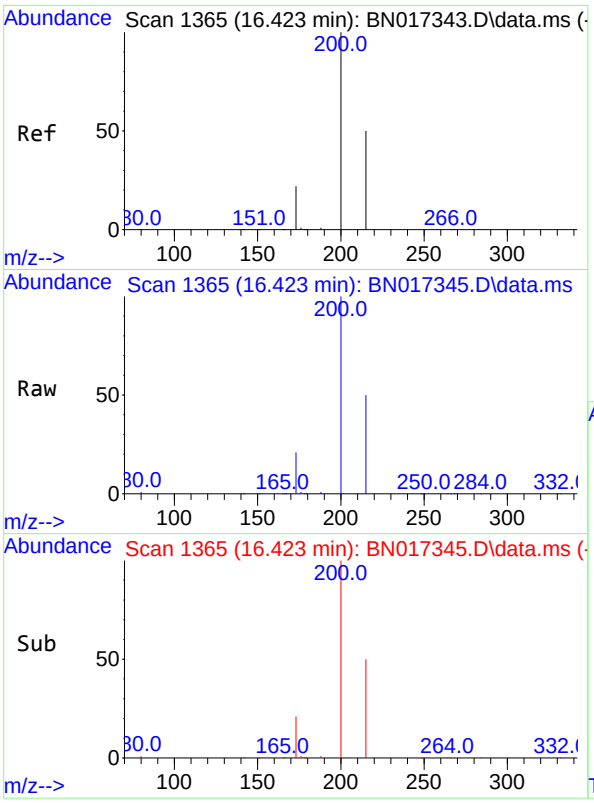


#22
Hexachlorobenzene
Concen: 1.735 ng
RT: 16.240 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:284 Resp: 127997

Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.2	42.2
249	30.5	24.4	36.6



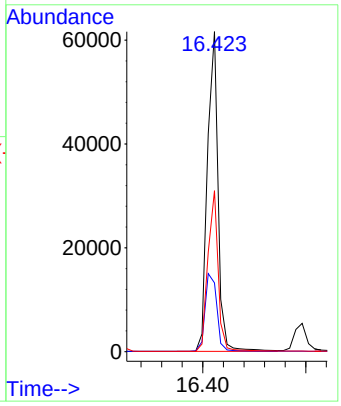


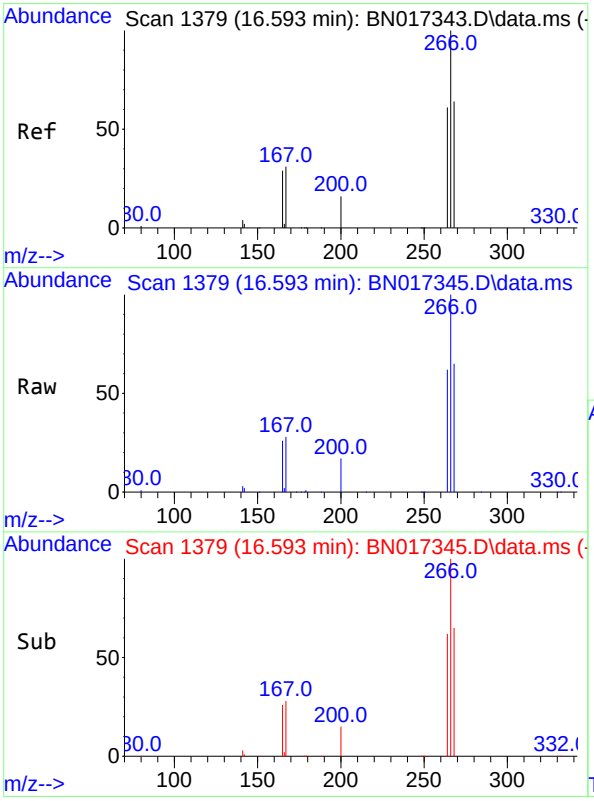
#23
Atrazine
Concen: 1.901 ng
RT: 16.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 88477

Ion	Ratio	Lower	Upper
200	100		
173	21.5	17.6	26.4
215	50.3	40.2	60.4

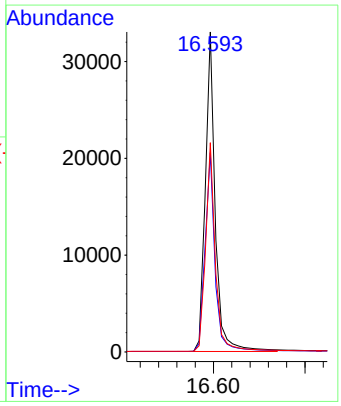


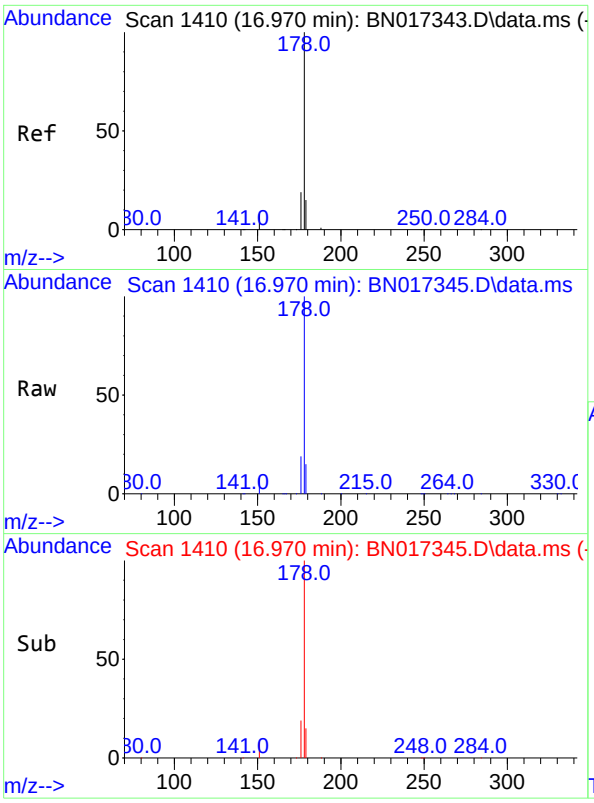


#24
Pentachlorophenol
Concen: 2.127 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:266 Resp: 49383

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.8
268	64.5	51.3	76.9



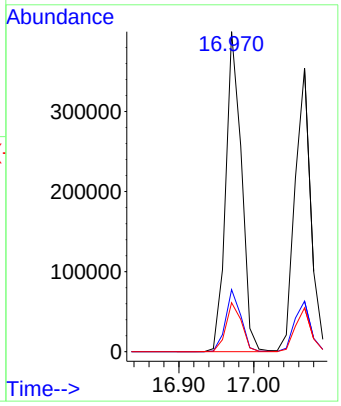


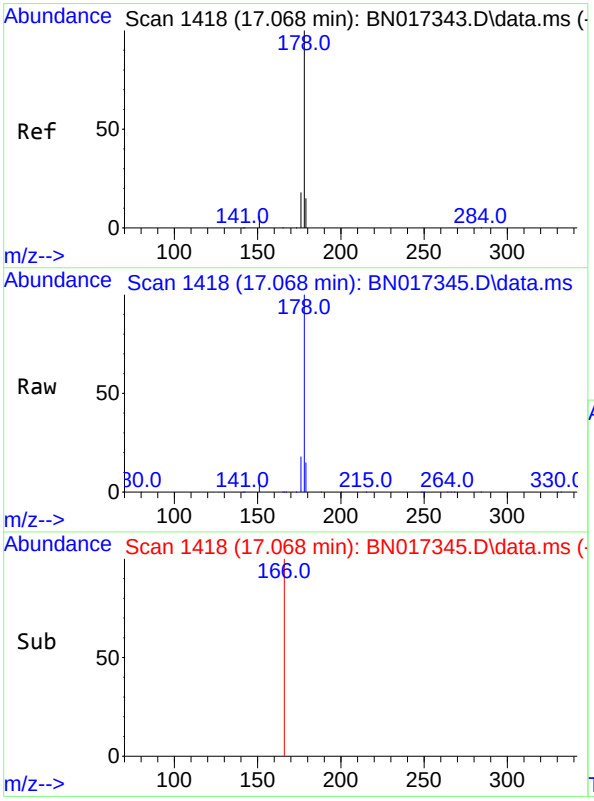
#25
Phenanthrene
Concen: 1.696 ng
RT: 16.970 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 582508

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.3	18.5

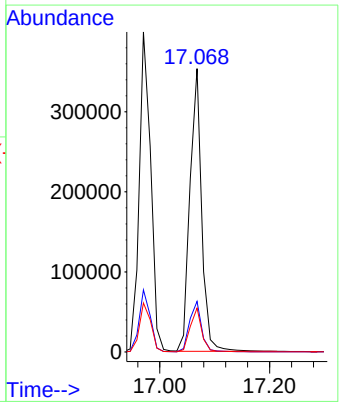


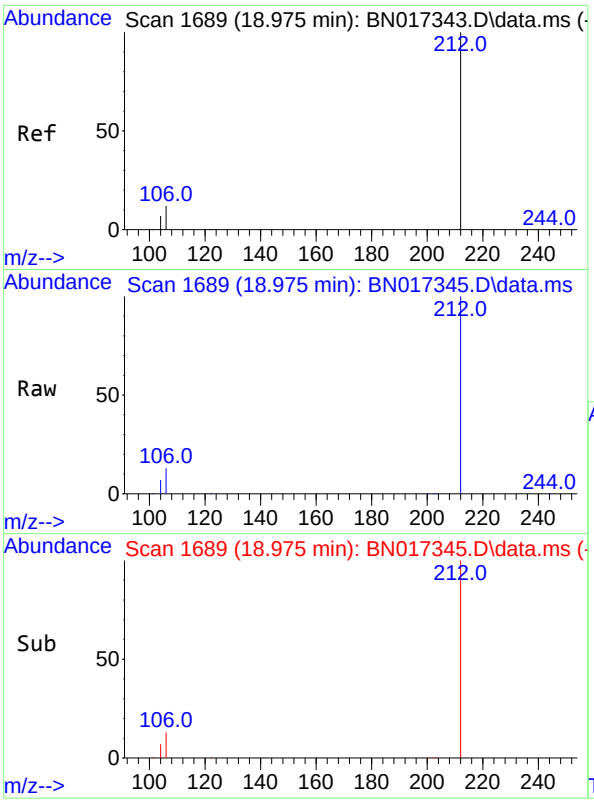


#26
Anthracene
Concen: 1.775 ng
RT: 17.068 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:178 Resp: 525033

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.2	18.4



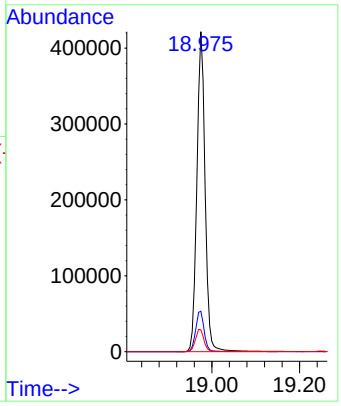


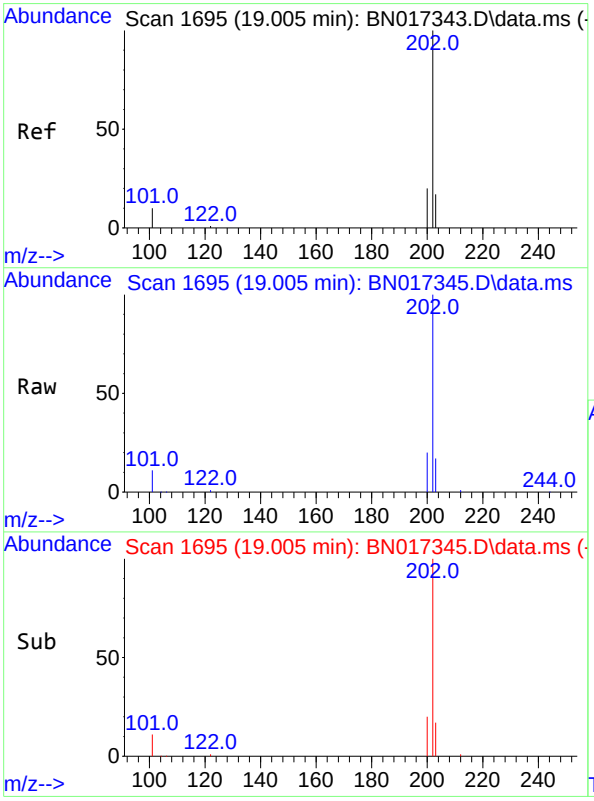
#27
Fluoranthene-d10
Concen: 1.755 ng
RT: 18.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 547016

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

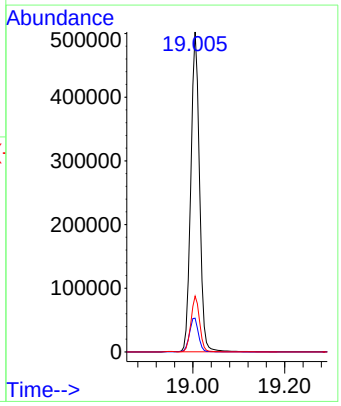


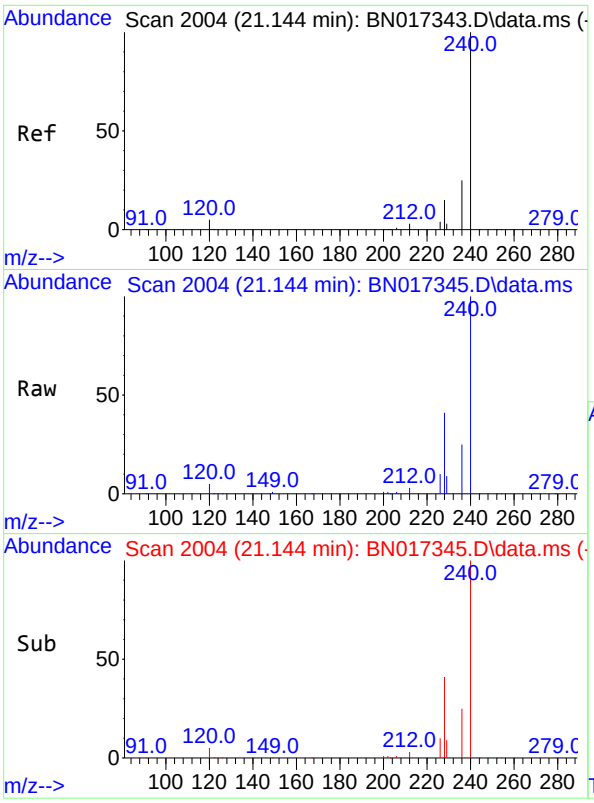


#28
Fluoranthene
Concen: 1.748 ng
RT: 19.005 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:202 Resp: 657914

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
203	17.5	13.8	20.6



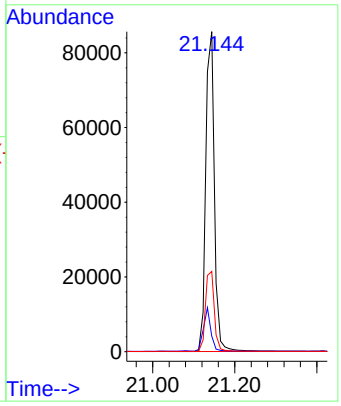


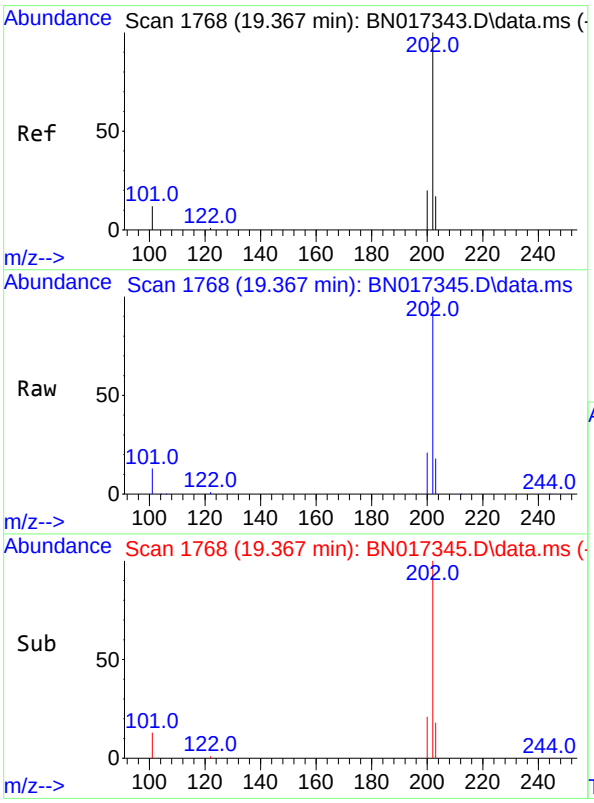
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.144 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 125297

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.2	6.2
236	25.1	20.0	30.0

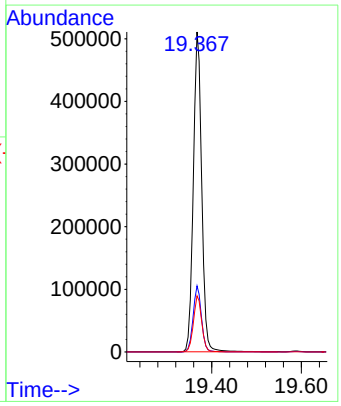


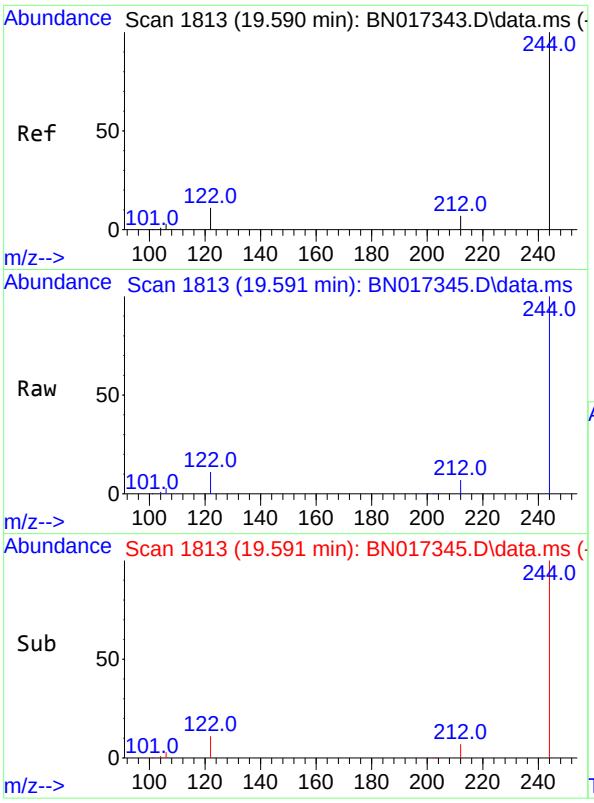


#30
Pyrene
Concen: 1.667 ng
RT: 19.367 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:202 Resp: 667985

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.5	14.0	21.0



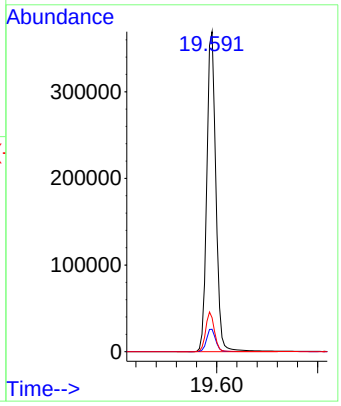


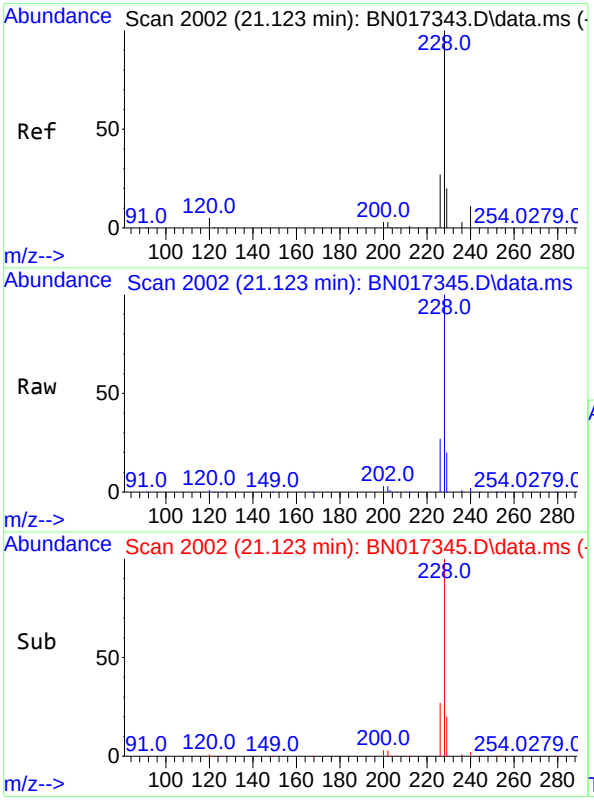
#31
Terphenyl-d14
Concen: 1.678 ng
RT: 19.591 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 459259

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.6	8.6	13.0

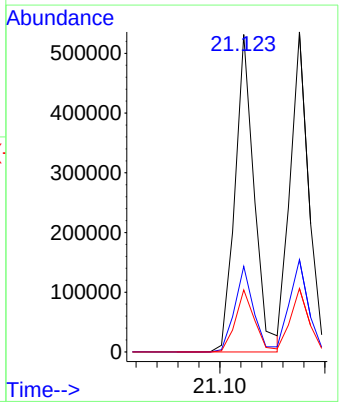


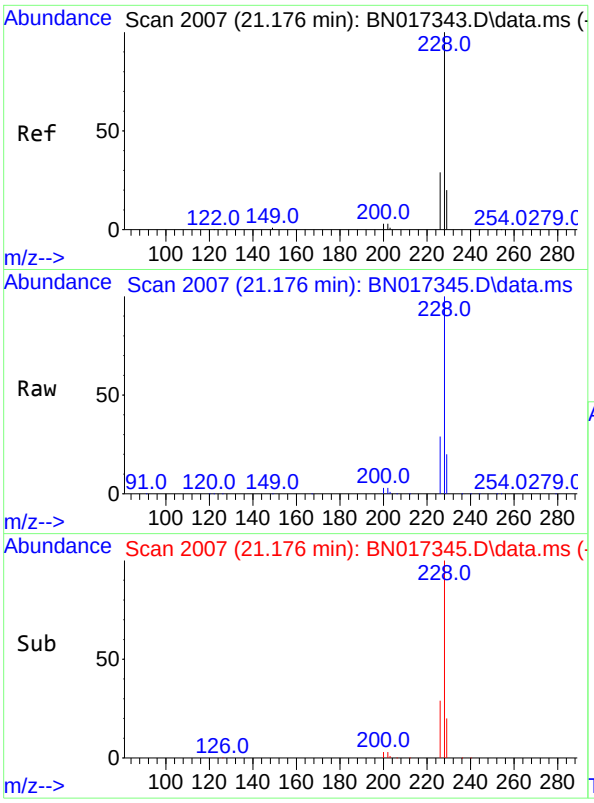


#32
Benzo(a)anthracene
Concen: 1.728 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:228 Resp: 672469

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	19.6	15.7	23.5



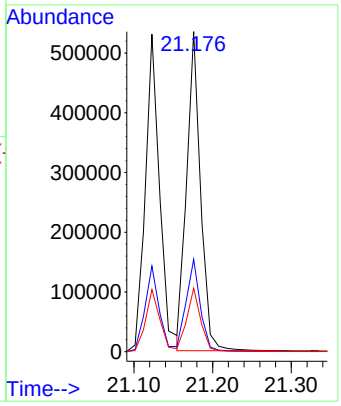


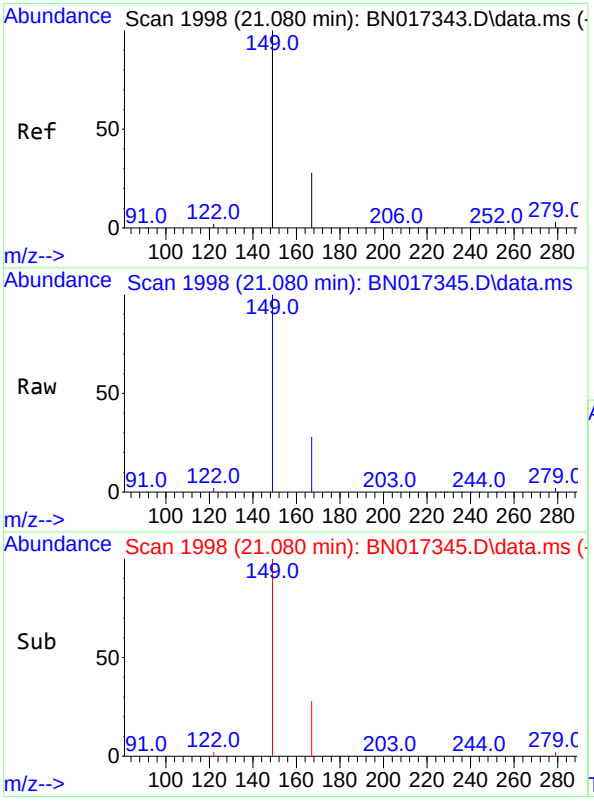
#33
Chrysene
Concen: 1.656 ng
RT: 21.176 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 657542

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.3	34.9
229	19.8	15.6	23.4

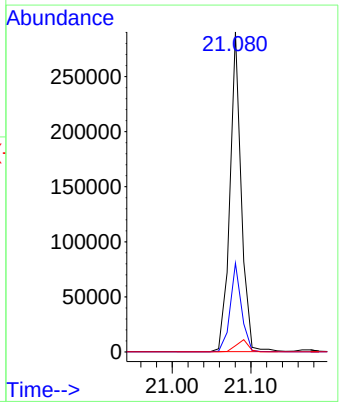


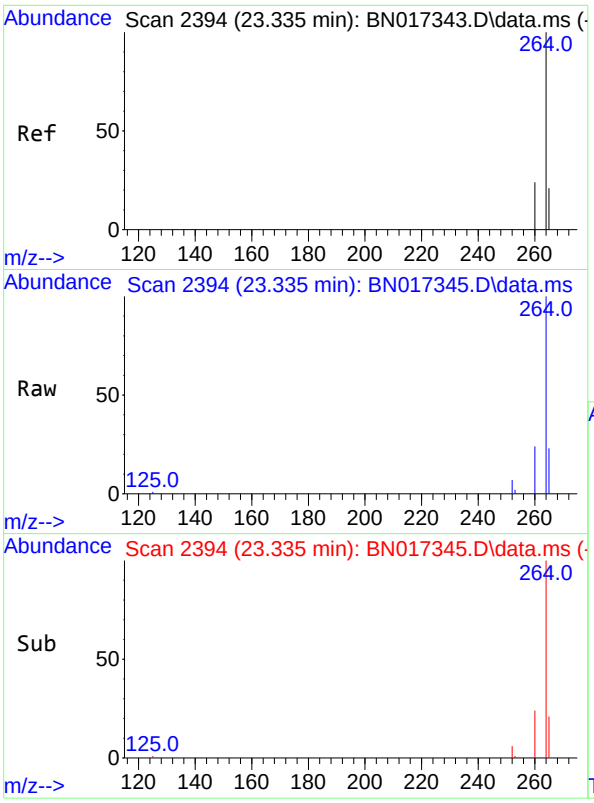


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.549 ng
RT: 21.080 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:149 Resp: 290413

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	4.1	3.4	5.0



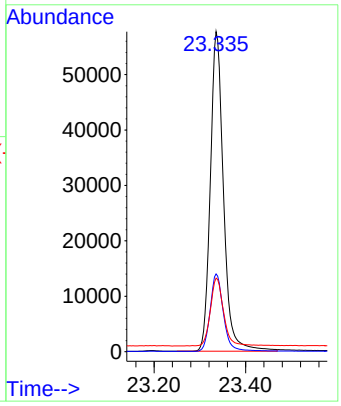


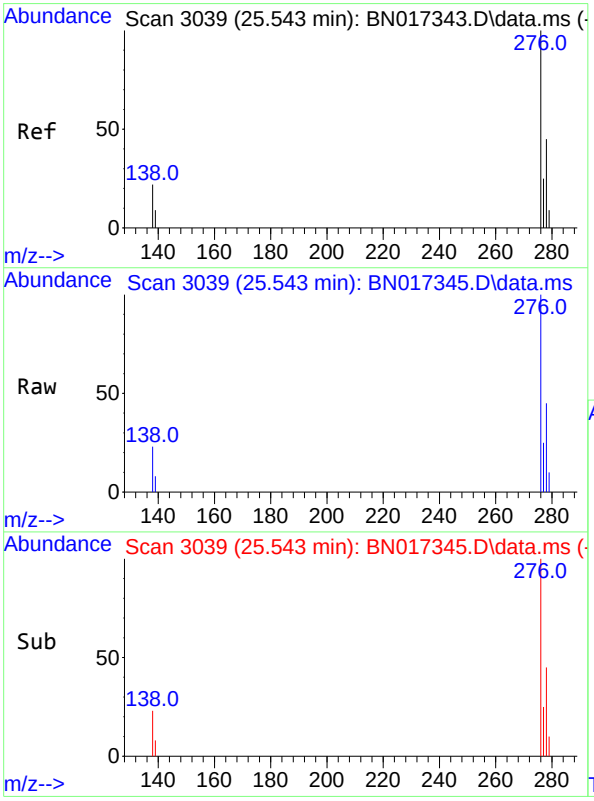
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 115251

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	23.0	18.6	28.0

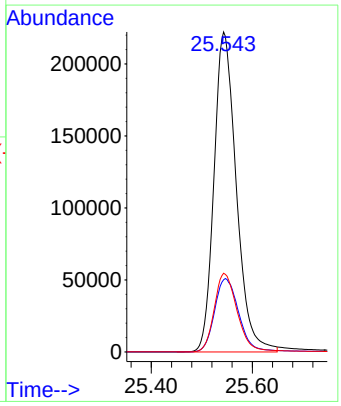


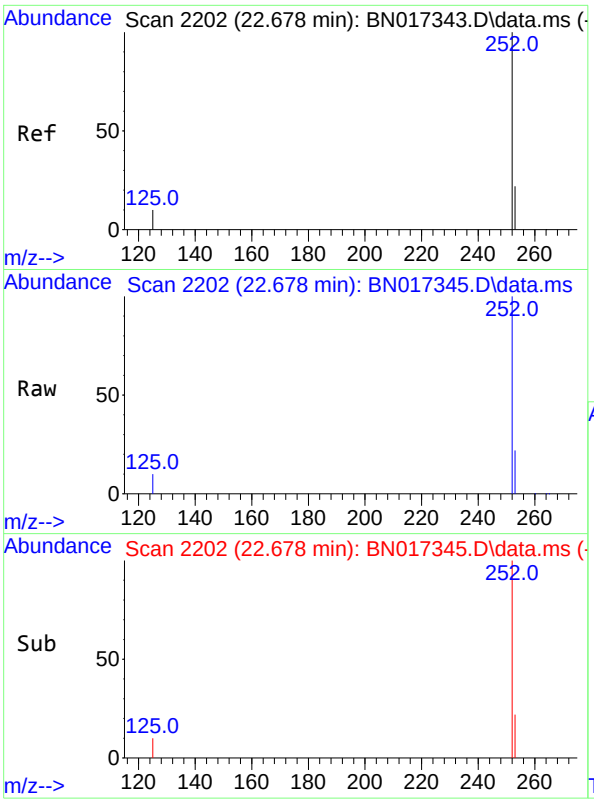


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.676 ng
RT: 25.543 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:276 Resp: 681240

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	25.1	20.0	30.0



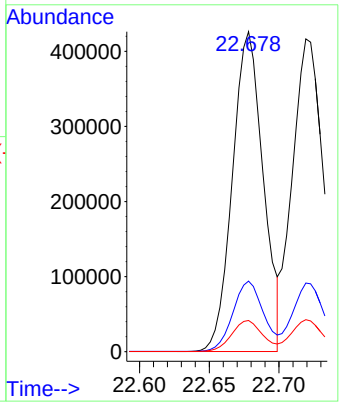


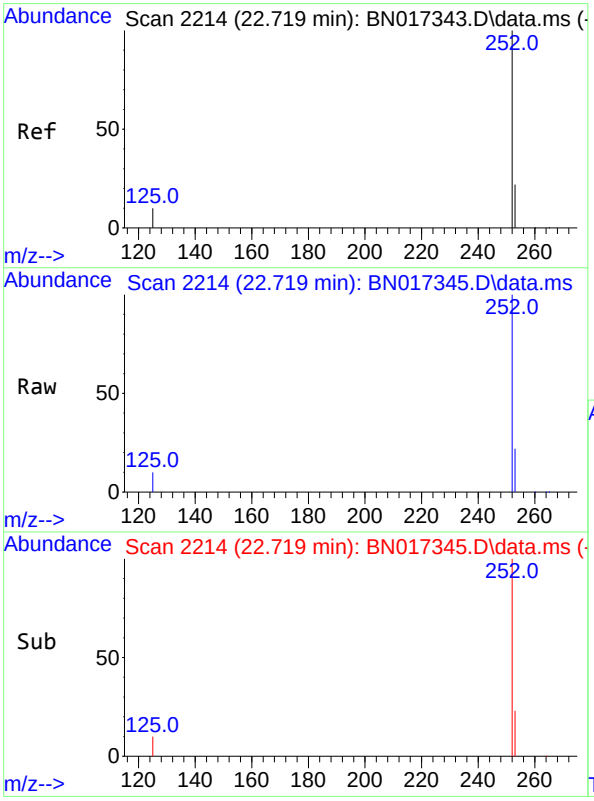
#37
Benzo(b)fluoranthene
Concen: 1.760 ng
RT: 22.678 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 652586

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.7	7.8	11.8

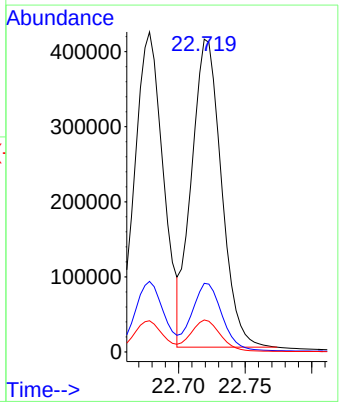


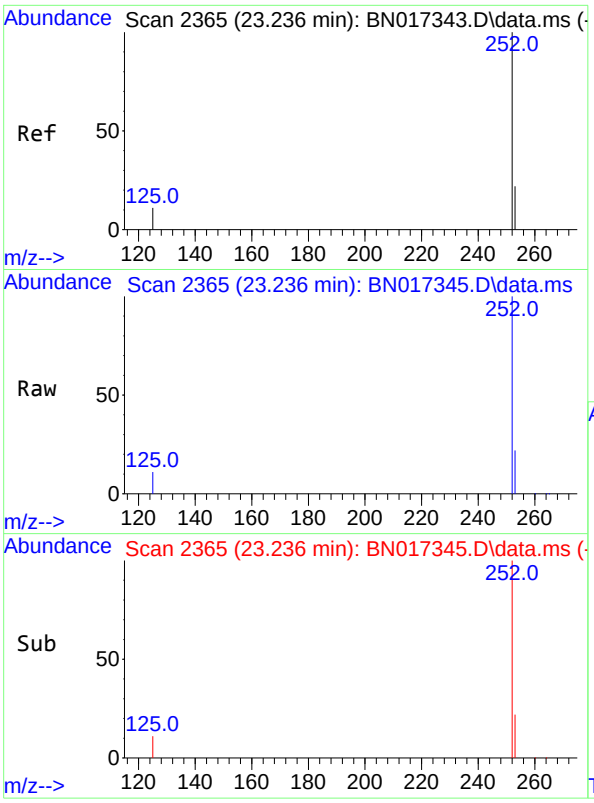


#38
Benzo(k)fluoranthene
Concen: 1.743 ng
RT: 22.719 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:252 Resp: 641582

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.2	8.2	12.2



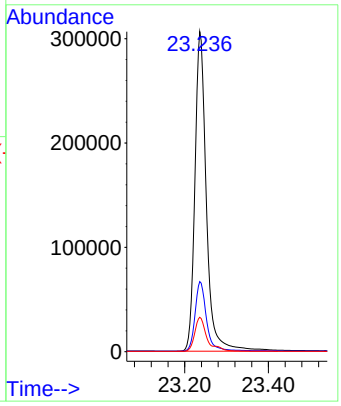


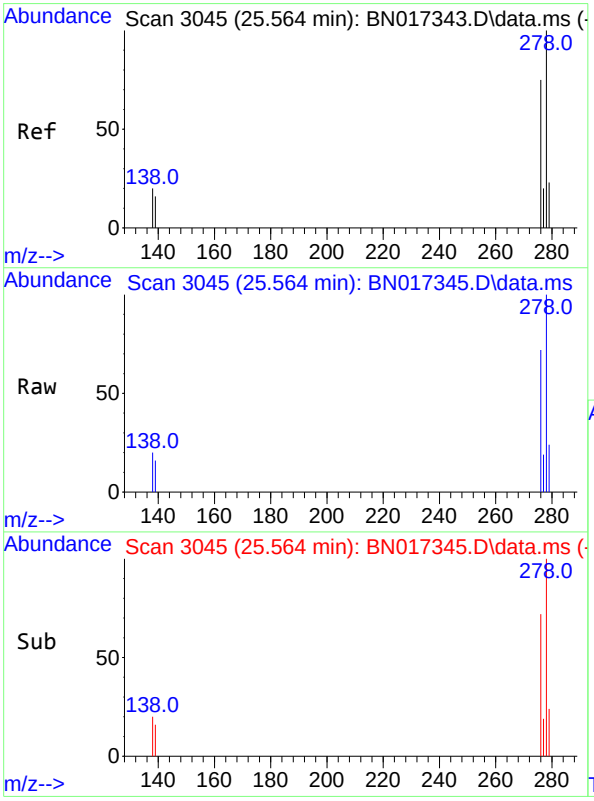
#39
Benzo(a)pyrene
Concen: 1.754 ng
RT: 23.236 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 587176

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.8	9.2	13.8

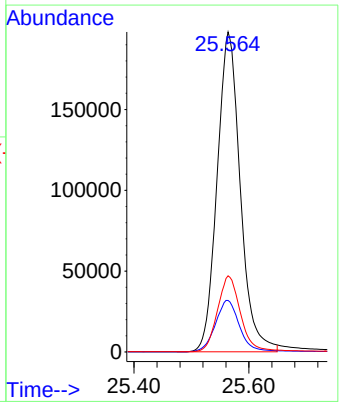


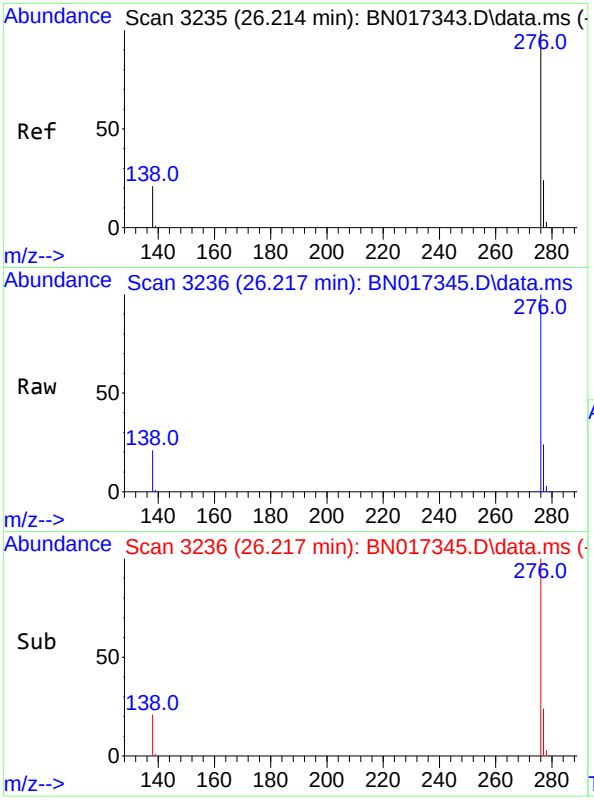


#40
Dibenzo(a,h)anthracene
Concen: 1.691 ng
RT: 25.564 min Scan# 3045
Delta R.T. 0.000 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Tgt Ion:278 Resp: 554731

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.6
279	23.8	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 1.629 ng
RT: 26.217 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN017345.D
Acq: 09 Nov 2021 12:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 581108

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.1	17.1	25.7