Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017726.D
Acq On : 06 Dec 2021 12:02
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Dec 06 13:50:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 13:46:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	18213	0.400	ng		0.00
7) Naphthalene-d8	10.532	136	72925	0.400	ng	#	0.00
13) Acenaphthene-d10	14.373	164	46803	0.400	ng		0.00
19) Phenanthrene-d10	17.117	188	97599	0.400	ng		0.00
29) Chrysene-d12	21.315	240	74914	0.400	ng		0.01
35) Perylene-d12	23.617	264	50916	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.355	112	7047	0.164	ng		0.00
5) Phenol-d6	6.931	99	7094	0.162	ng		0.00
8) Nitrobenzene-d5	8.898	82	7710	0.219	ng		0.00
11) 2-Methylnaphthalene-d10	12.130	152	24214	0.188	ng		0.00
14) 2,4,6-Tribromophenol	15.870	330	3004	0.126	ng		0.00
15) 2-Fluorobiphenyl	13.003	172	30924	0.173	ng		0.00
27) Fluoranthene-d10	19.155	212	57381	0.180	ng		0.00
31) Terphenyl-d14	19.760	244	37073	0.223	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	2372	0.176	ng		97
3) n-Nitrosodimethylamine	3.640	42	2963	0.162	ng		97
6) bis(2-Chloroethyl)ether	7.180	93	8287	0.178	ng		95
9) Naphthalene	10.583	128	33693	0.181	ng		100
10) Hexachlorobutadiene	10.887	225	11134	0.208	ng	#	100
12) 2-Methylnaphthalene	12.201	142	22678	0.187	ng		97
16) Acenaphthylene	14.094	152	29194	0.162	ng		99
17) Acenaphthene	14.437	154	21766	0.177	ng		99
18) Fluorene	15.426	166	27236	0.179	ng		99
20) 4,6-Dinitro-2-methylph...	15.528	198	113	0.026	ng	#	1
21) 4-Bromophenyl-phenylether	16.314	248	9616	0.164	ng	#	79
22) Hexachlorobenzene	16.436	284	13104	0.181	ng	#	92
23) Atrazine	16.594	200	5734	0.171	ng		98
24) Pentachlorophenol	16.789	266	1325	0.062	ng		97
25) Phenanthrene	17.154	178	45787	0.177	ng		100
26) Anthracene	17.251	178	36793	0.165	ng		100
28) Fluoranthene	19.184	202	55303	0.179	ng	#	97
30) Pyrene	19.547	202	55628	0.233	ng		100
32) Benzo(a)anthracene	21.293	228	39123	0.179	ng		99
33) Chrysene	21.347	228	42954	0.175	ng		99
34) Bis(2-ethylhexyl)phtha...	21.240	149	20673	0.290	ng		96
36) Indeno(1,2,3-cd)pyrene	25.989	276	16657	0.135	ng		96
37) Benzo(b)fluoranthene	22.919	252	30985	0.185	ng		97
38) Benzo(k)fluoranthene	22.963	252	28616	0.174	ng		96
39) Benzo(a)pyrene	23.518	252	25144	0.172	ng	#	91
40) Dibenzo(a,h)anthracene	26.013	278	10929	0.118	ng	#	86
41) Benzo(g,h,i)perylene	26.708	276	18304	0.160	ng		94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017726.D
Acq On : 06 Dec 2021 12:02
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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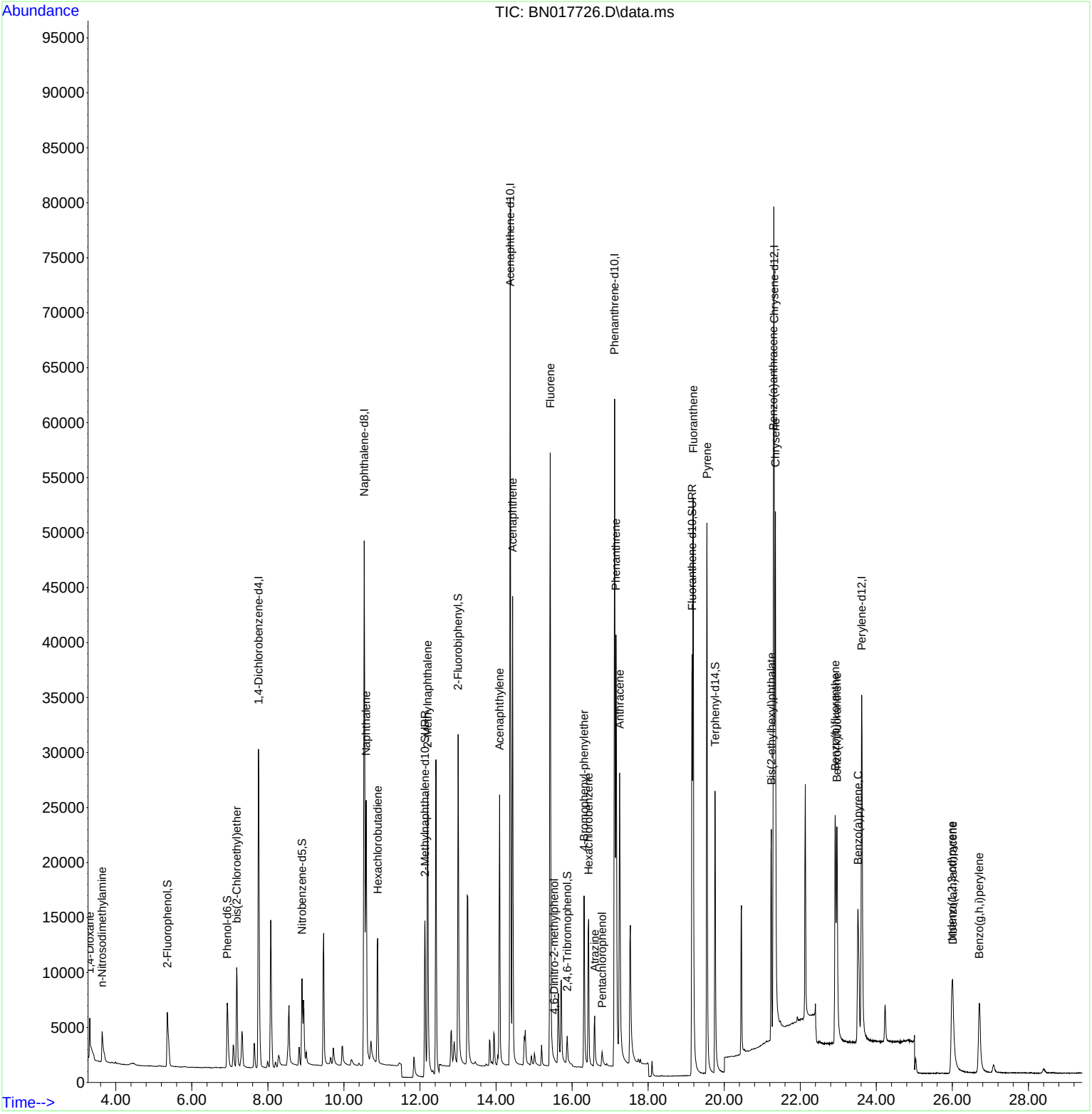
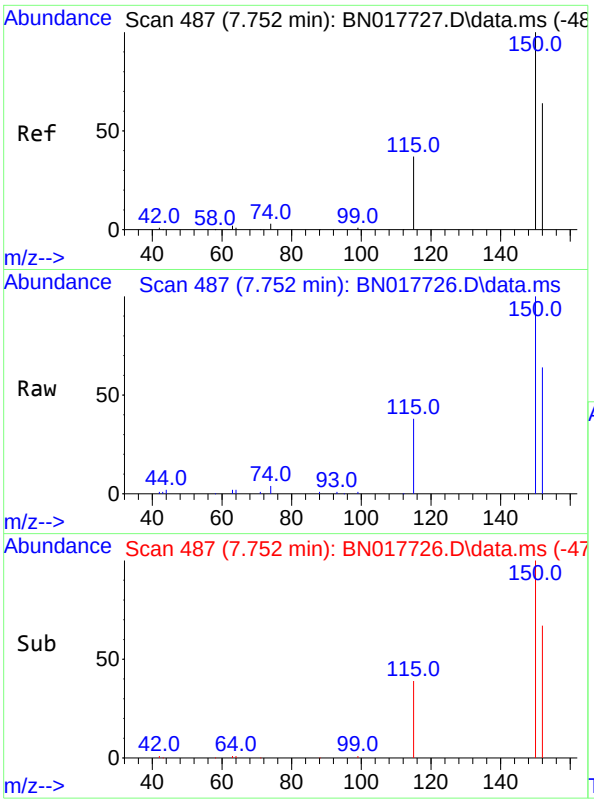
Quant Time: Dec 06 13:50:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 13:46:11 2021
Response via : Initial Calibration



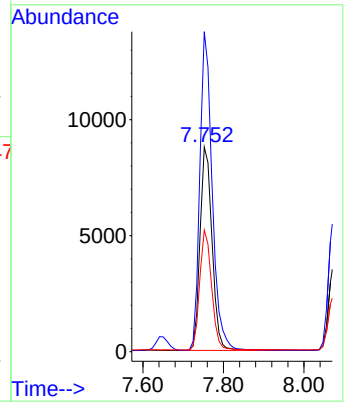


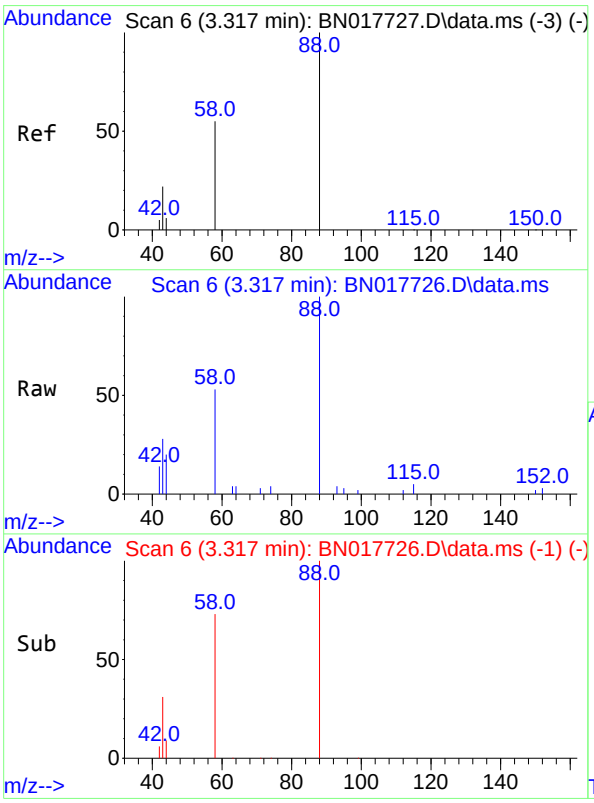
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.752 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 18213

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.0	184.4
115	59.4	45.6	68.4

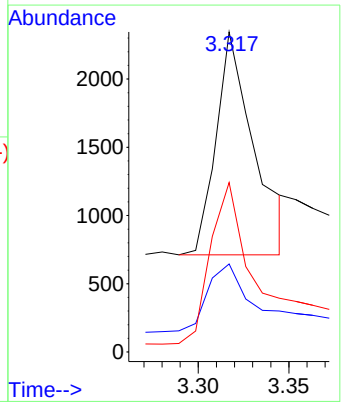


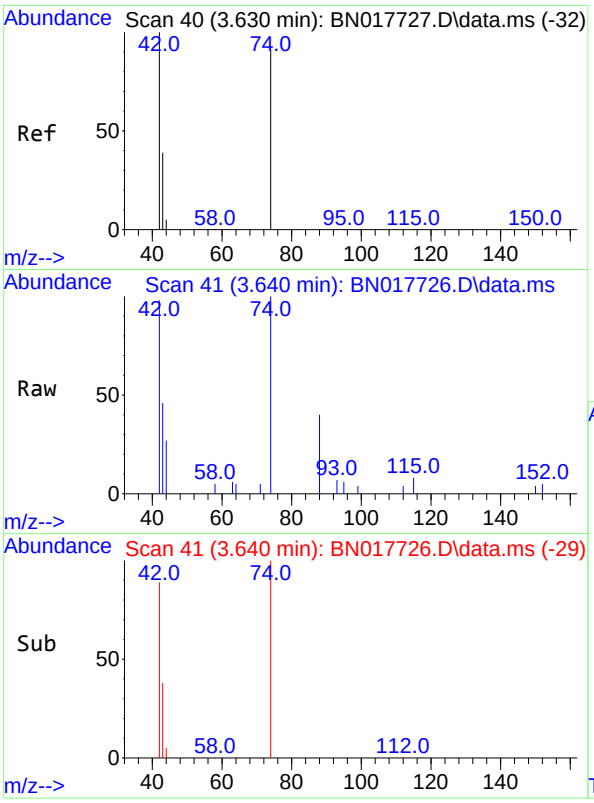


#2
1,4-Dioxane
Concen: 0.176 ng
RT: 3.317 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion: 88 Resp: 2372

Ion	Ratio	Lower	Upper
88	100		
43	34.0	24.7	37.1
58	77.5	63.0	94.6



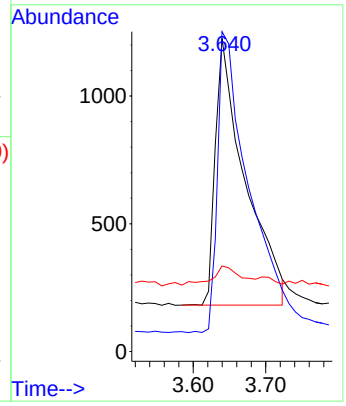


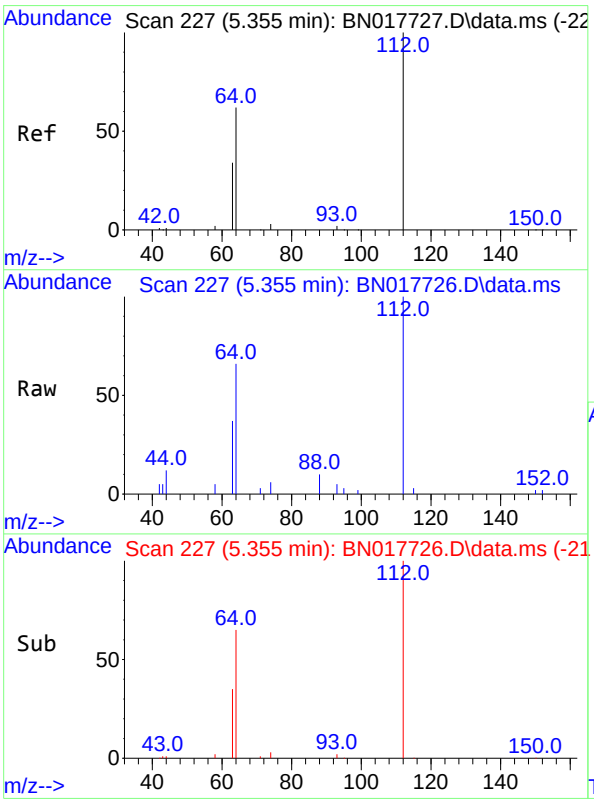
#3
n-Nitrosodimethylamine
Concen: 0.162 ng
RT: 3.640 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 2963

Ion	Ratio	Lower	Upper
42	100		
74	119.0	97.8	146.6
44	7.7	5.5	8.3

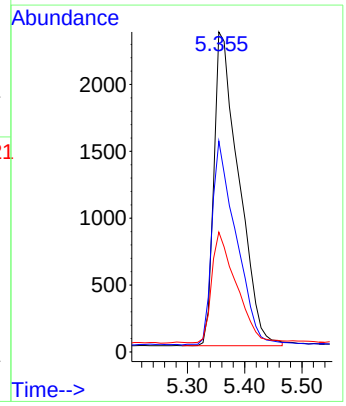


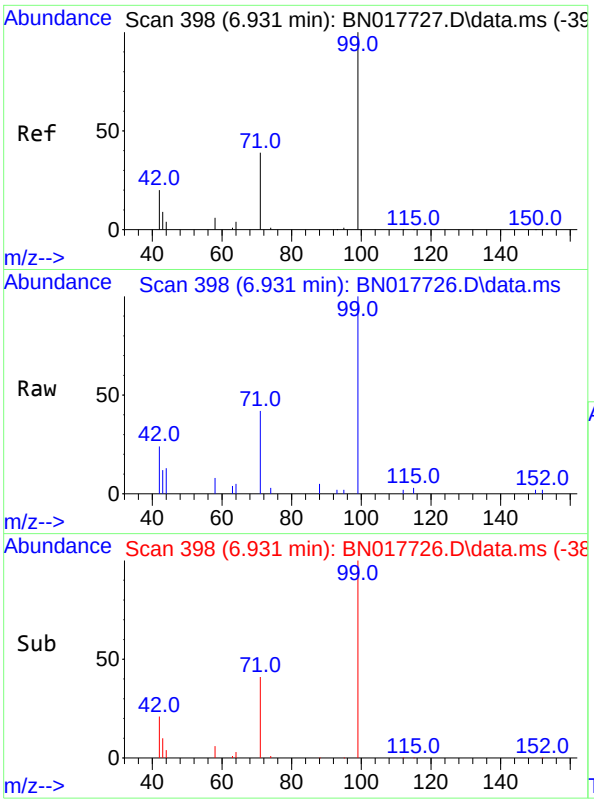


#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.355 min Scan# 227
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:112 Resp: 7047

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.6	71.4
63	34.8	24.6	37.0



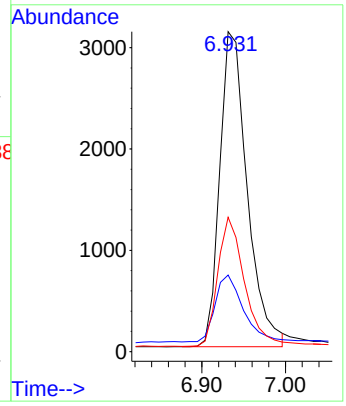


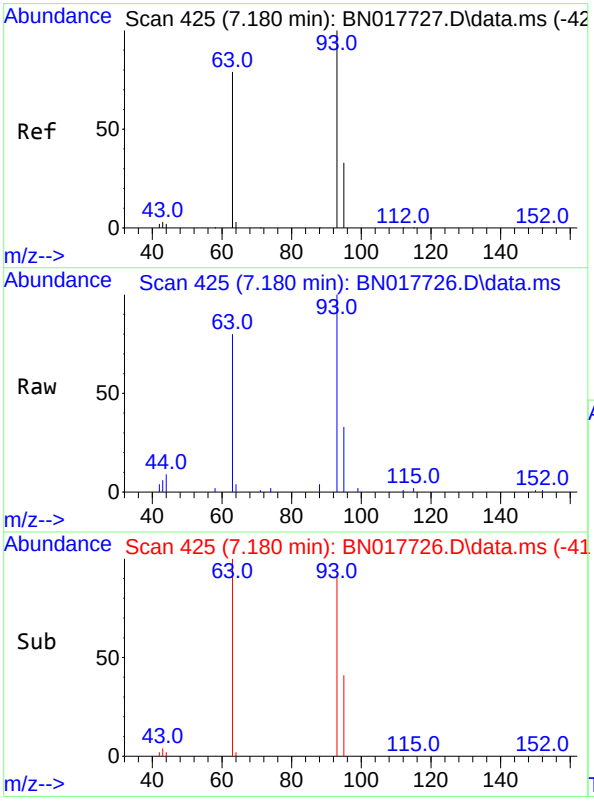
#5
Phenol-d6
Concen: 0.162 ng
RT: 6.931 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 7094

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.0	25.6
71	39.8	24.8	37.2#

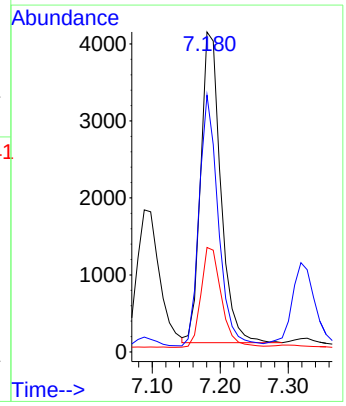


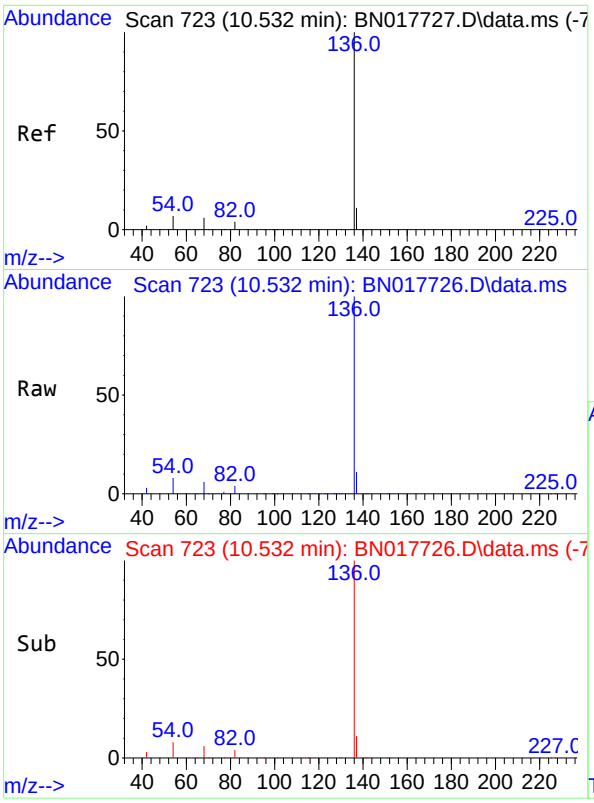


#6
bis(2-Chloroethyl)ether
Concen: 0.178 ng
RT: 7.180 min Scan# 425
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion: 93 Resp: 8287

Ion	Ratio	Lower	Upper
93	100		
63	76.9	65.8	98.6
95	32.6	26.6	39.8



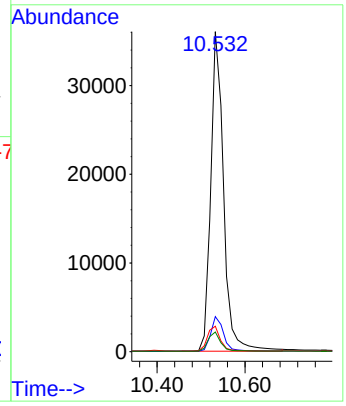


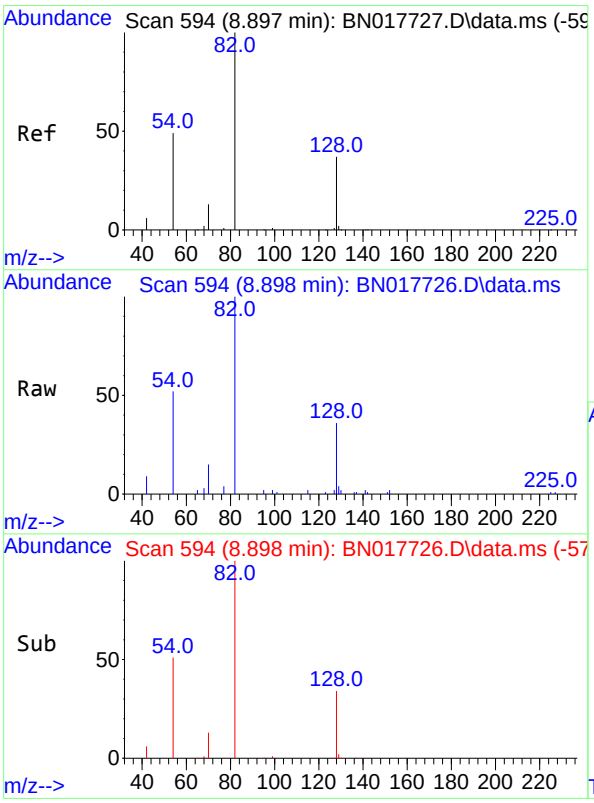
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 72925

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	4.0	6.0#
68	6.2	3.0	4.6#

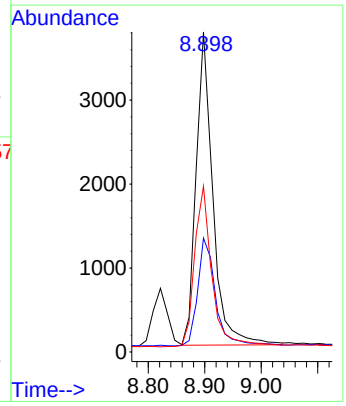


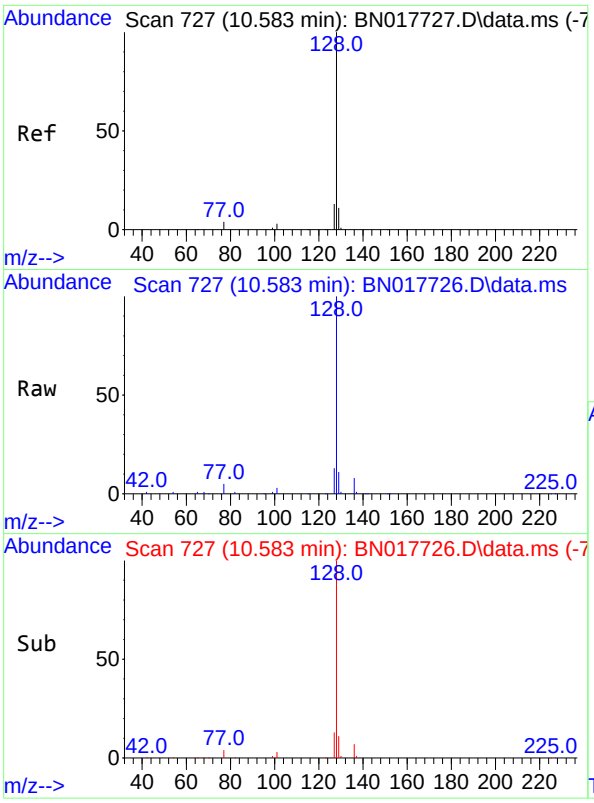


#8
Nitrobenzene-d5
Concen: 0.219 ng
RT: 8.898 min Scan# 594
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion: 82 Resp: 7710

Ion	Ratio	Lower	Upper
82	100		
128	35.6	27.7	41.5
54	51.8	49.2	73.8



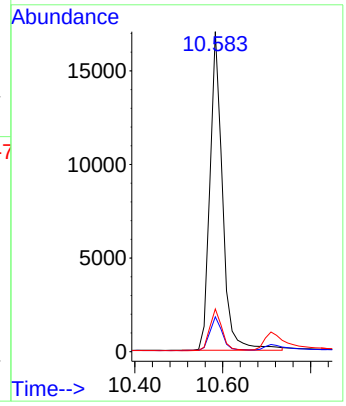


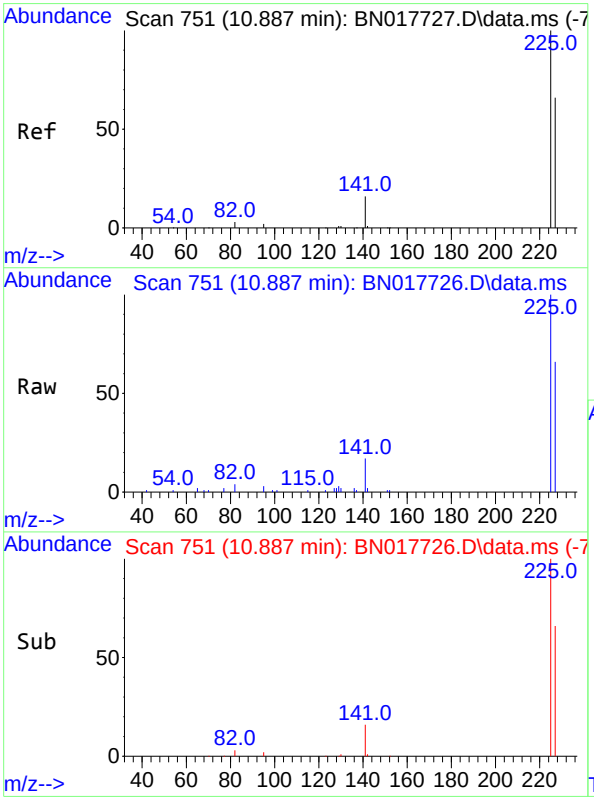
#9
Naphthalene
Concen: 0.181 ng
RT: 10.583 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 33693

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.6	15.8

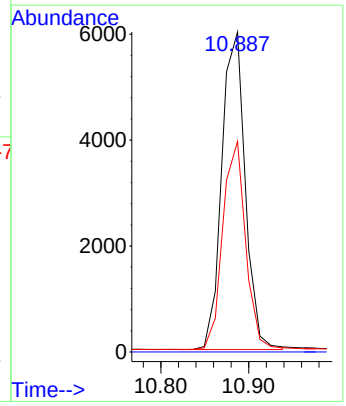


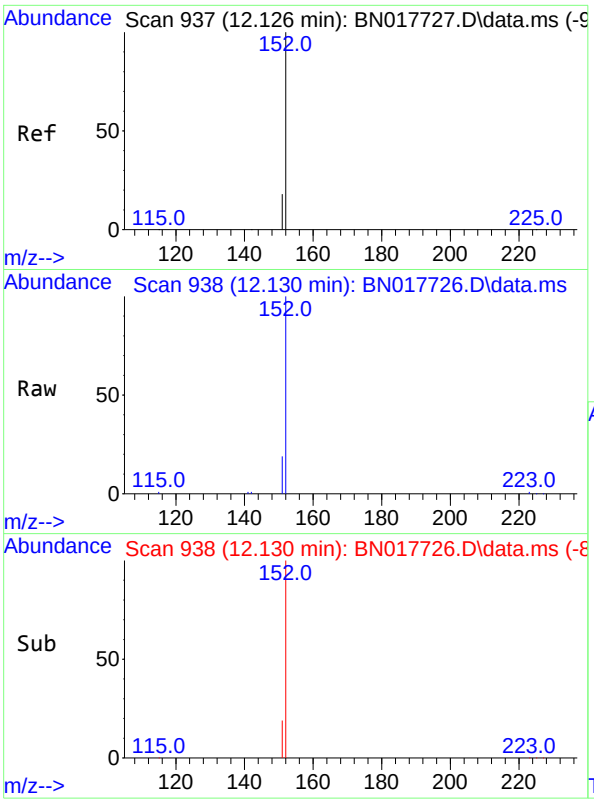


#10
Hexachlorobutadiene
Concen: 0.208 ng
RT: 10.887 min Scan# 751
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:225 Resp: 11134

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



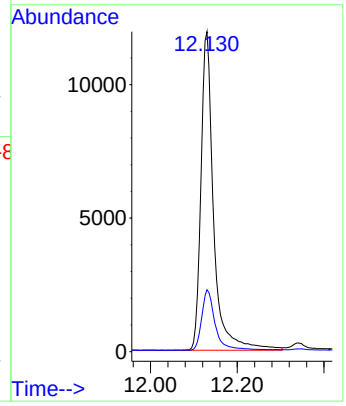


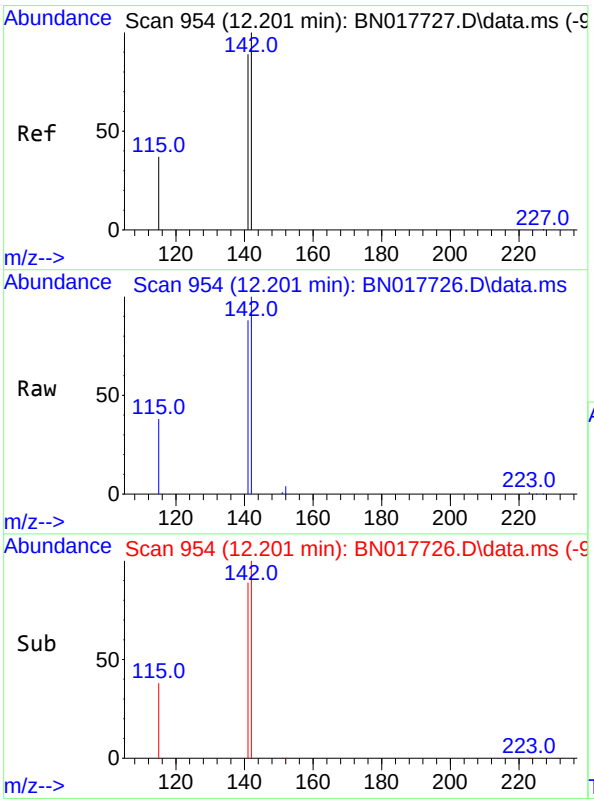
#11
2-Methylnaphthalene-d10
Concen: 0.188 ng
RT: 12.130 min Scan# 9
Delta R.T. 0.005 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 24214

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

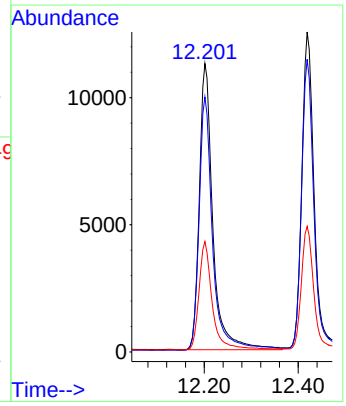


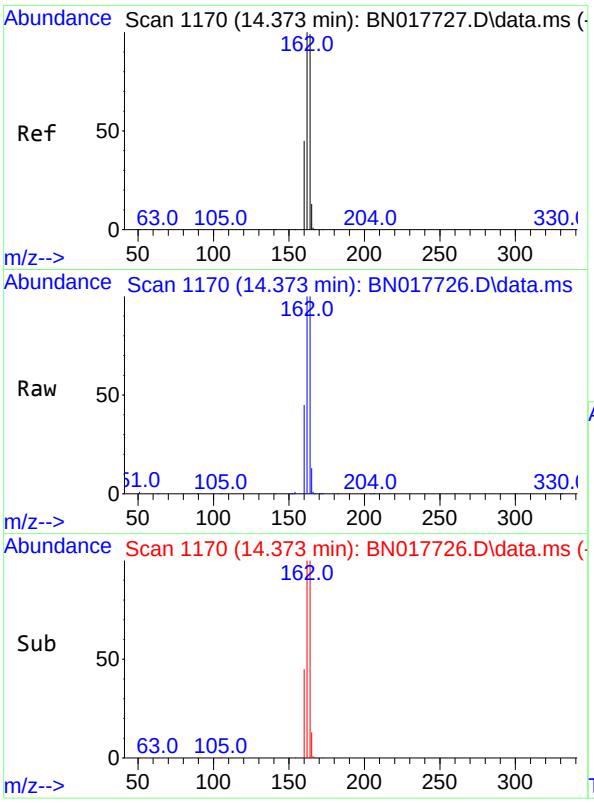


#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 12.201 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:142 Resp: 22678

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0
115	38.3	25.8	38.6



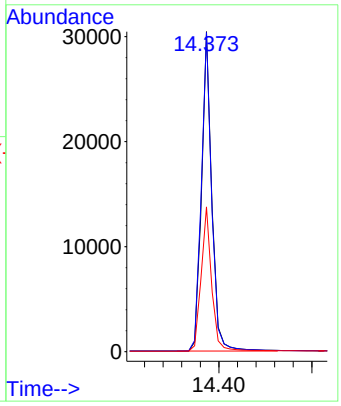


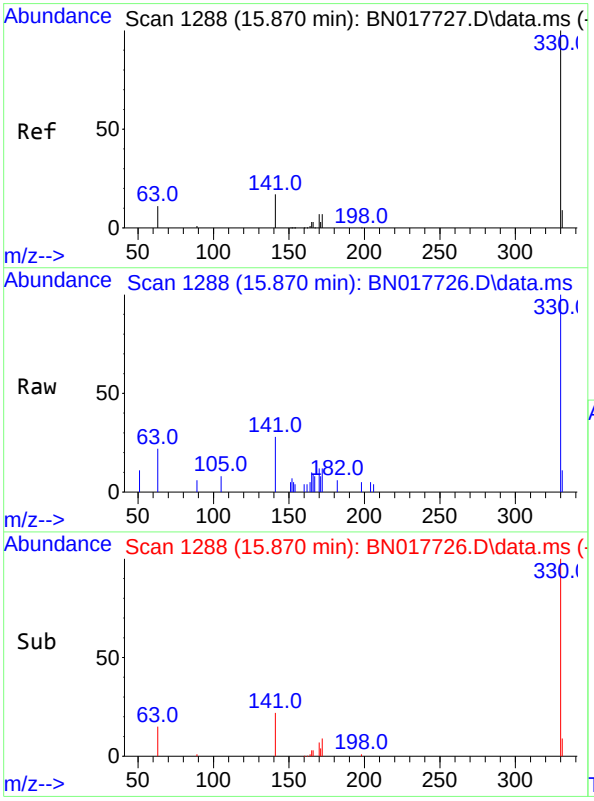
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 46803

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.4	122.2
160	45.3	36.8	55.2

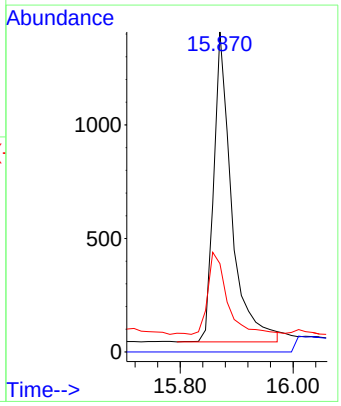


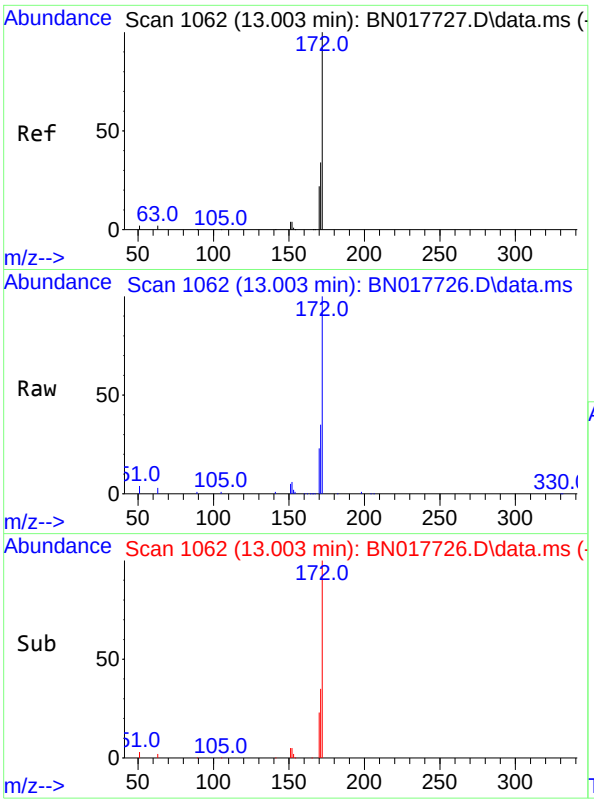


#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:330 Resp: 3004

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.9	28.9	43.3#



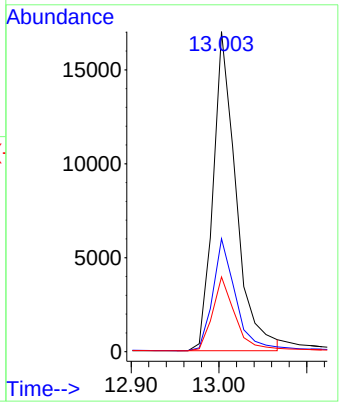


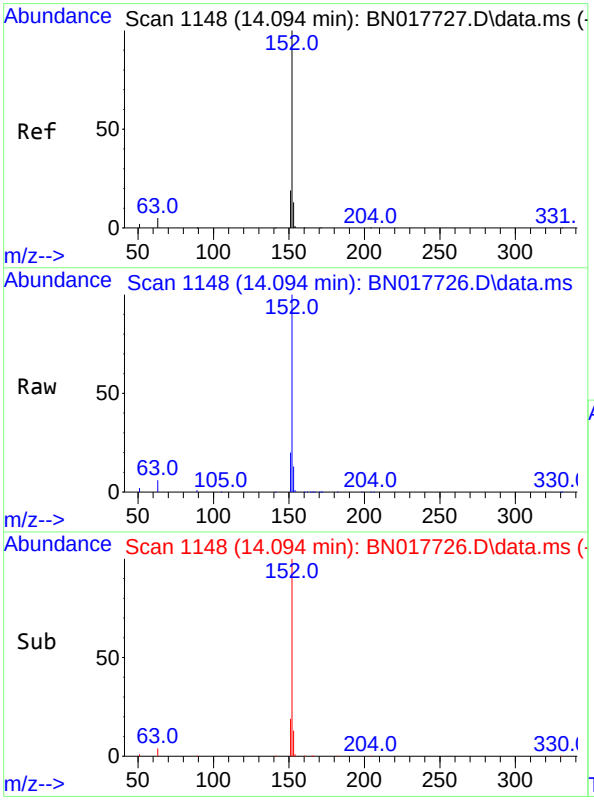
#15
2-Fluorobiphenyl
Concen: 0.173 ng
RT: 13.003 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 30924

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.4	19.4	29.2

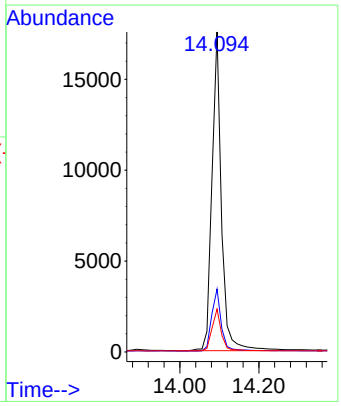


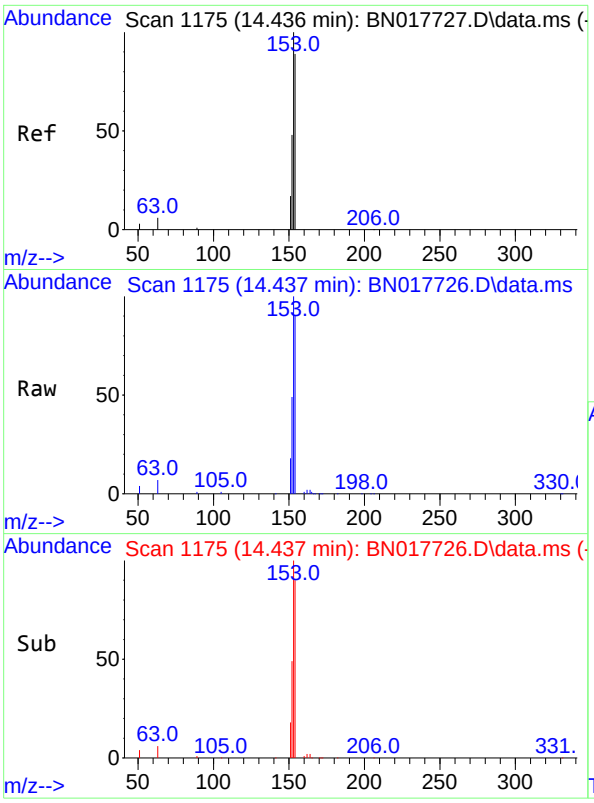


#16
Acenaphthylene
Concen: 0.162 ng
RT: 14.094 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:152 Resp: 29194

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.1	10.4	15.6



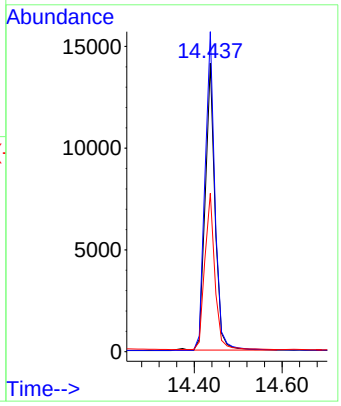


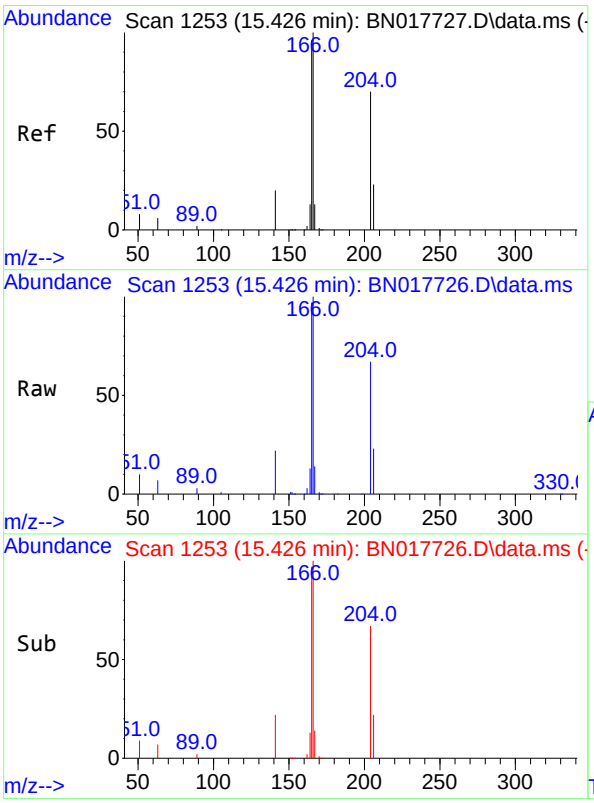
#17
Acenaphthene
Concen: 0.177 ng
RT: 14.437 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 21766

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	56.4	44.3	66.5

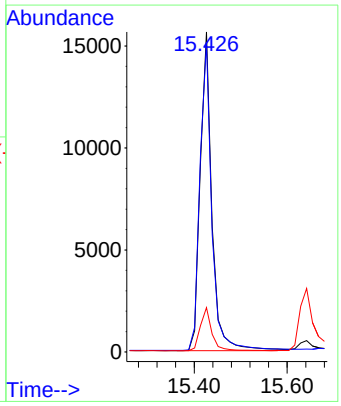


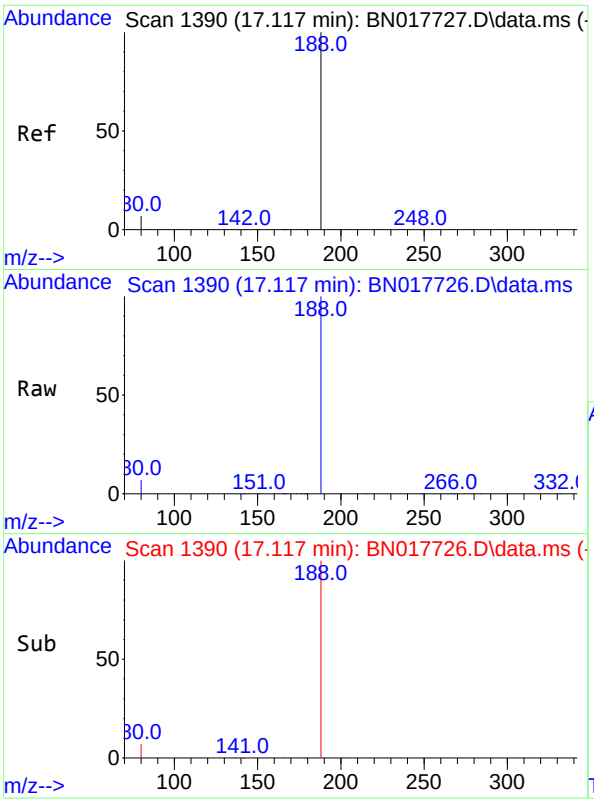


#18
Fluorene
Concen: 0.179 ng
RT: 15.426 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:166 Resp: 27236

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.9	116.9
167	13.5	10.9	16.3



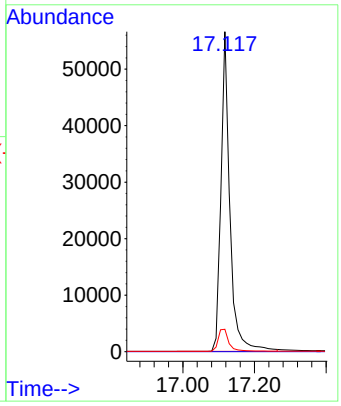


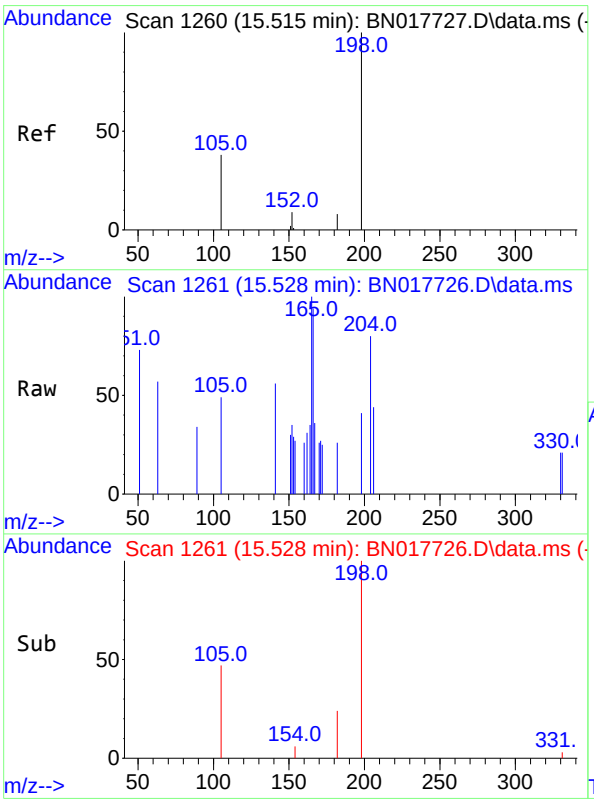
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 97599

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.1	9.1

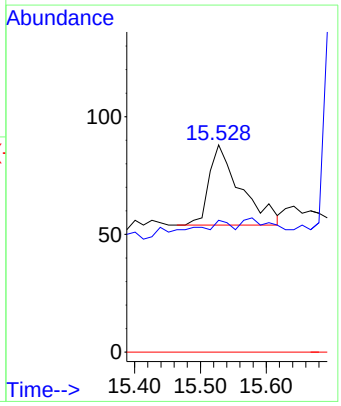


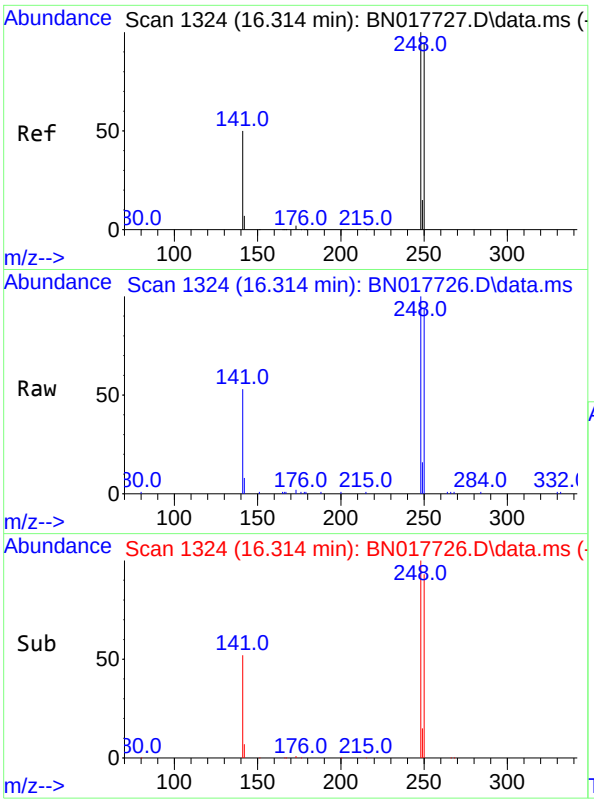


#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 15.528 min Scan# 1261
Delta R.T. 0.013 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
182	63.6	11.4	17.2#
77	0.0	0.0	0.0



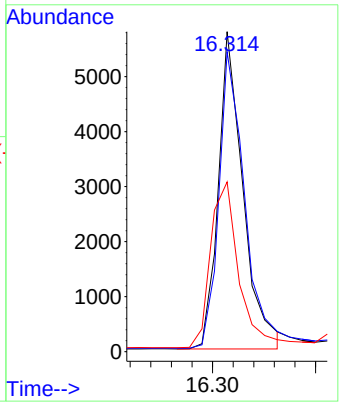


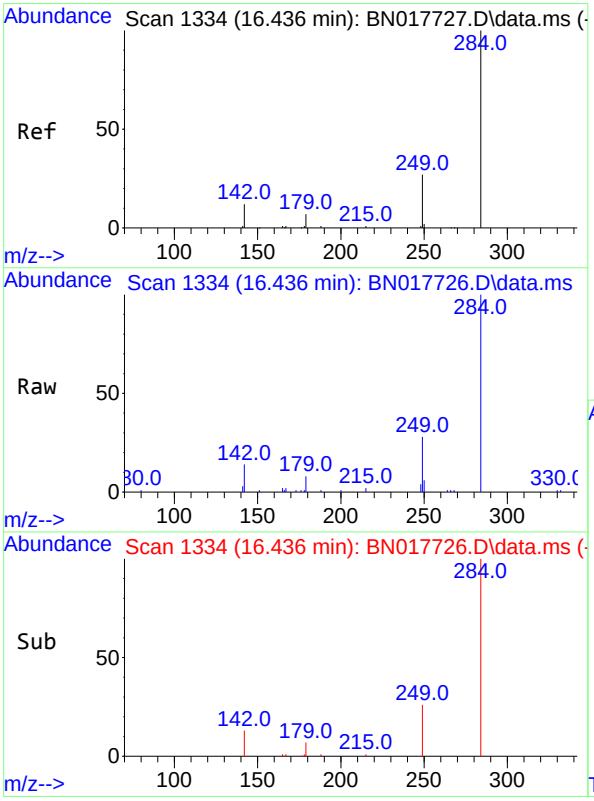
#21
4-Bromophenyl-phenylether
Concen: 0.164 ng
RT: 16.314 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 9616

Ion	Ratio	Lower	Upper
248	100		
250	93.7	71.8	107.8
141	53.1	70.9	106.3#

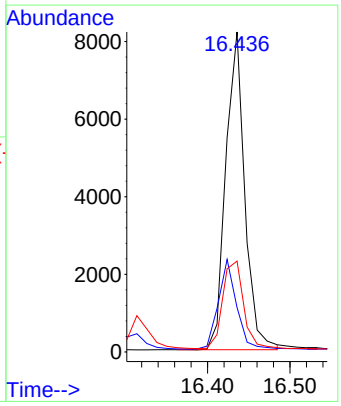


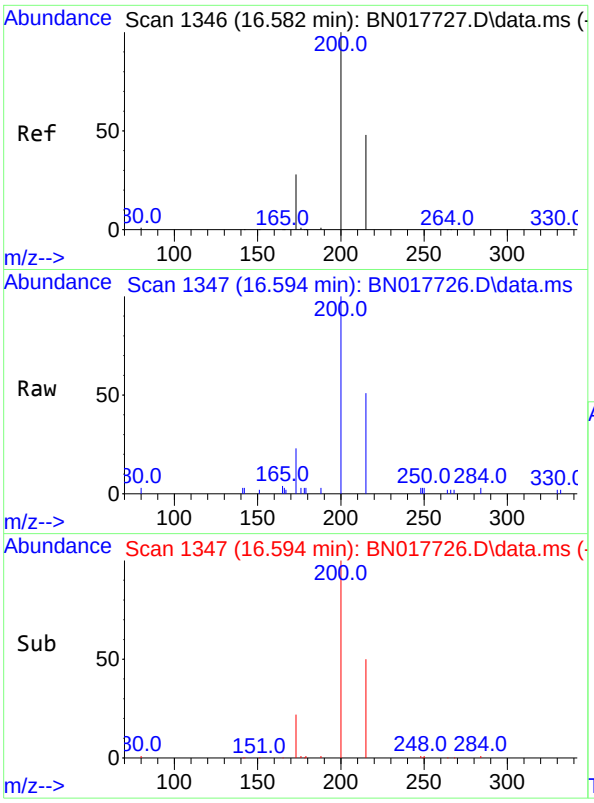


#22
Hexachlorobenzene
Concen: 0.181 ng
RT: 16.436 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:284 Resp: 13104

Ion	Ratio	Lower	Upper
284	100		
142	26.8	28.2	42.2#
249	30.3	24.4	36.6



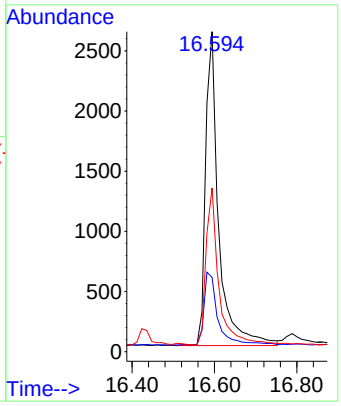


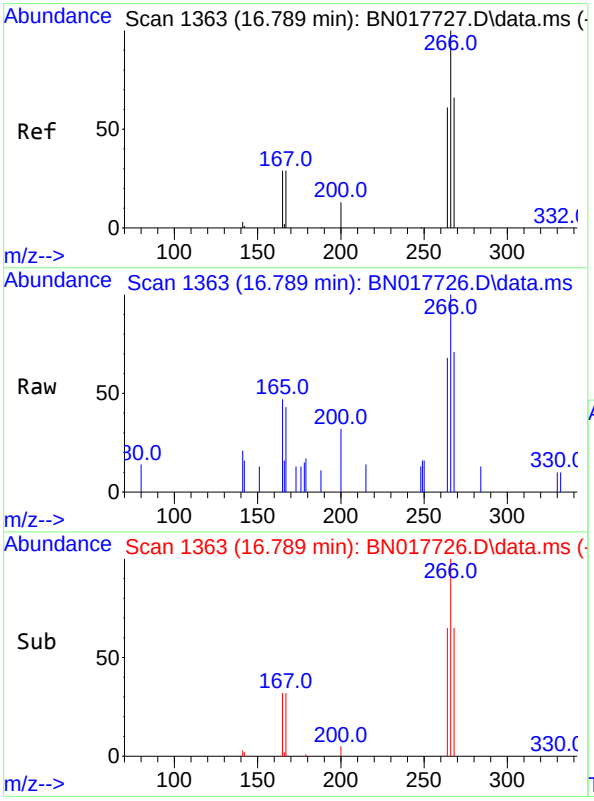
#23
Atrazine
Concen: 0.171 ng
RT: 16.594 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 5734

Ion	Ratio	Lower	Upper
200	100		
173	23.2	17.6	26.4
215	51.1	40.2	60.4

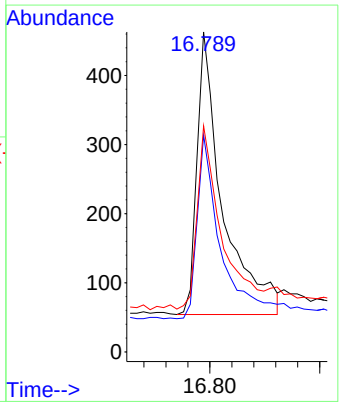


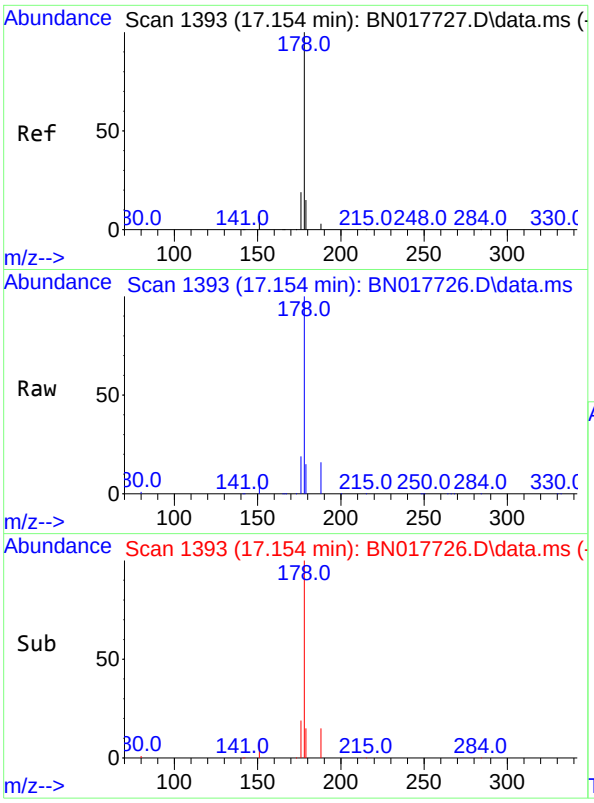


#24
Pentachlorophenol
Concen: 0.062 ng
RT: 16.789 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:266 Resp: 1325

Ion	Ratio	Lower	Upper
266	100		
264	60.5	49.8	74.8
268	61.4	51.3	76.9



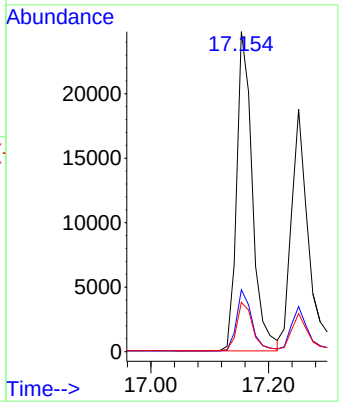


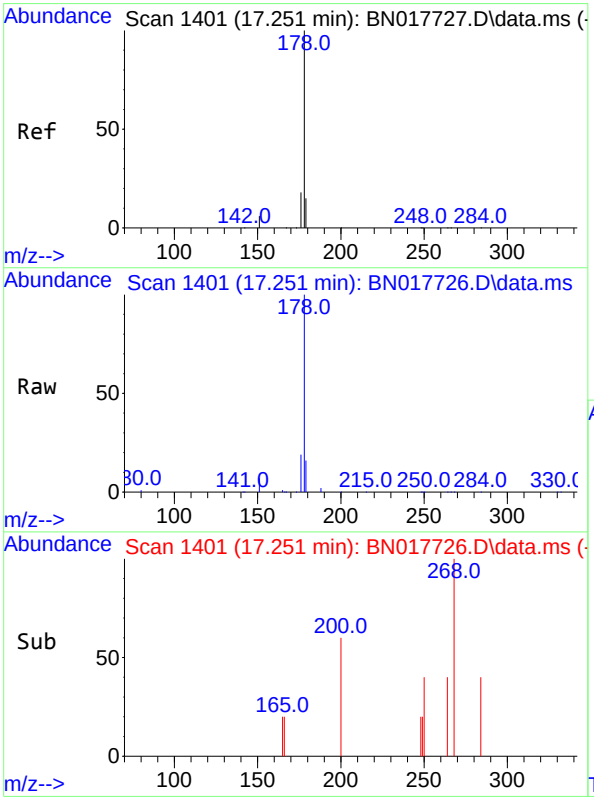
#25
Phenanthrene
Concen: 0.177 ng
RT: 17.154 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 45787

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.7	12.3	18.5

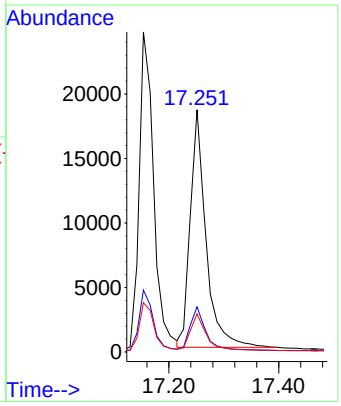


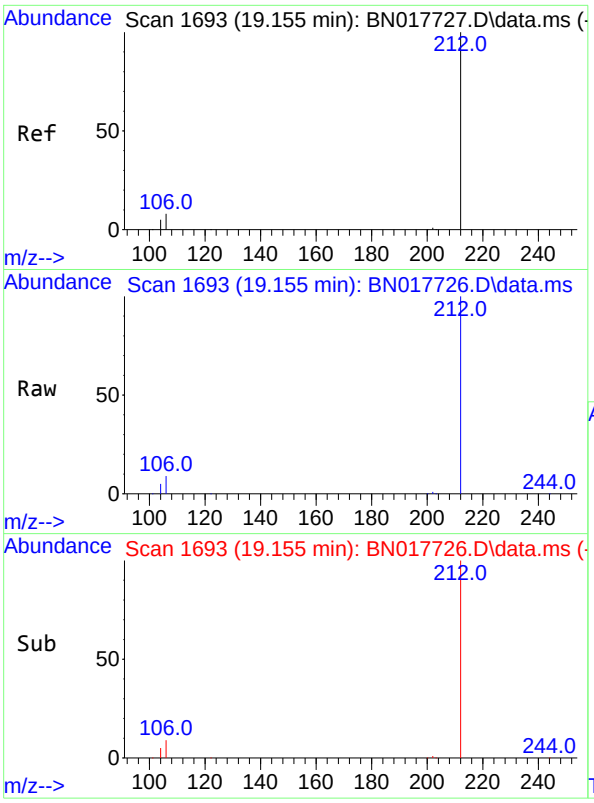


#26
Anthracene
Concen: 0.165 ng
RT: 17.251 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:178 Resp: 36793

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



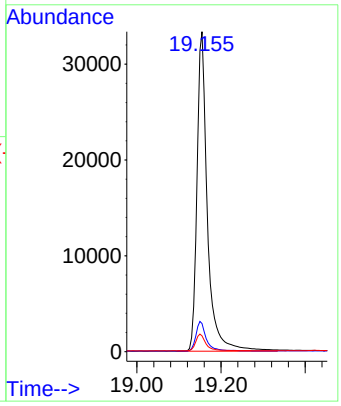


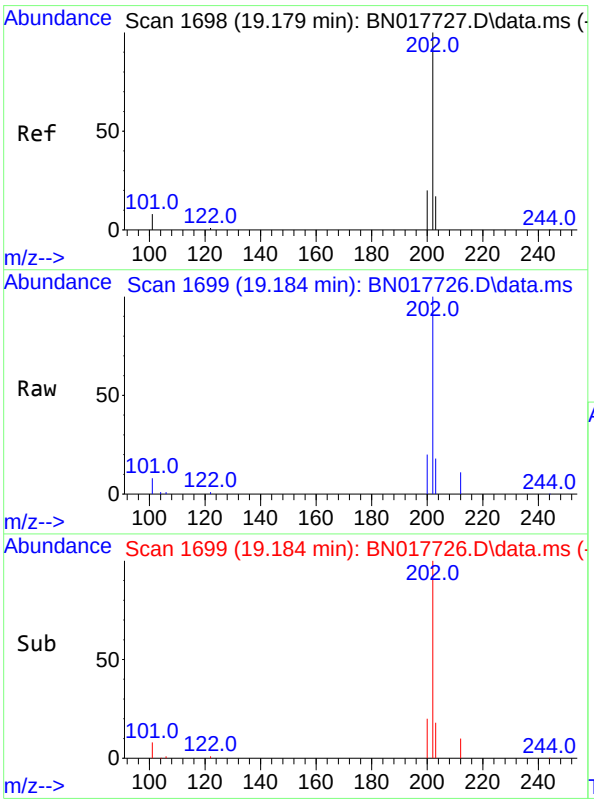
#27
Fluoranthene-d10
Concen: 0.180 ng
RT: 19.155 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 57381

Ion	Ratio	Lower	Upper
212	100		
106	9.3	10.5	15.7#
104	5.2	5.8	8.6#

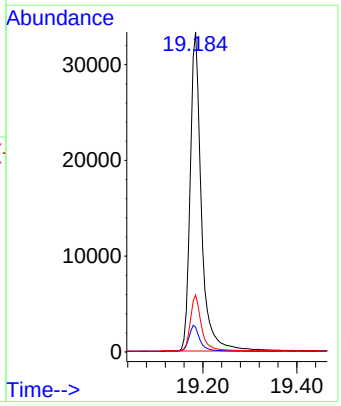


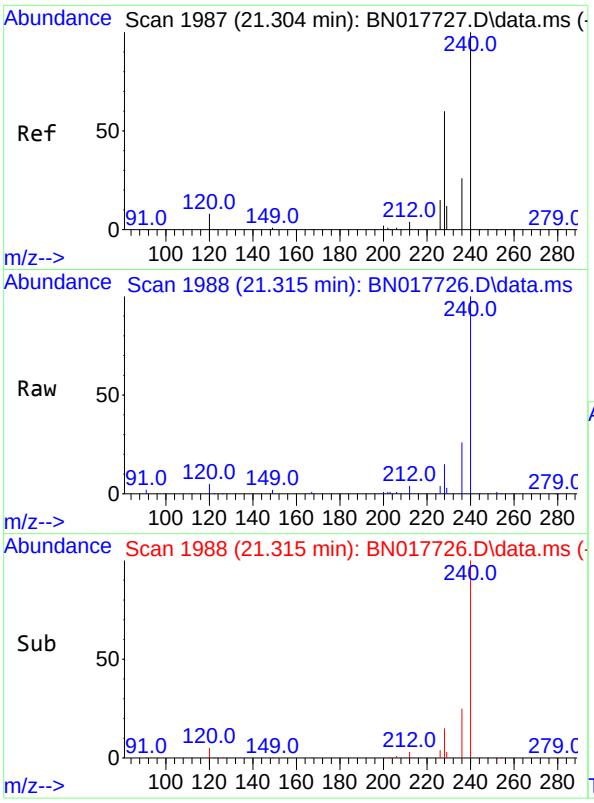


#28
Fluoranthene
Concen: 0.179 ng
RT: 19.184 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:202 Resp: 55303

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.9	13.3#
203	17.0	13.8	20.6



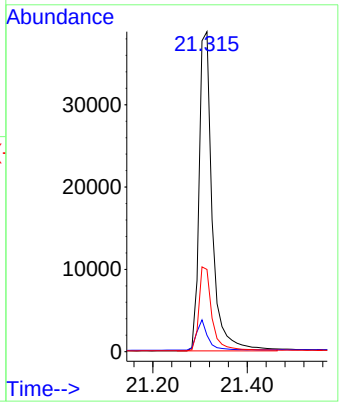


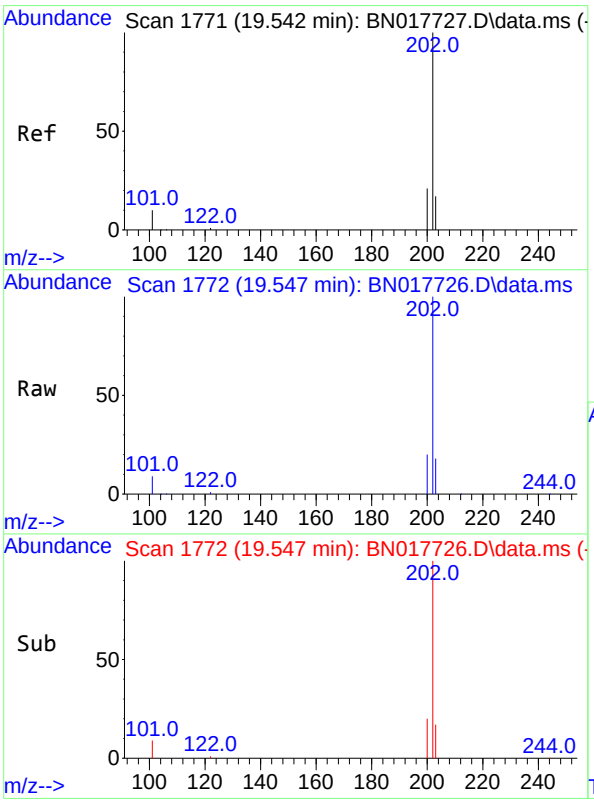
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.315 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 74914

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.2	6.2
236	25.7	20.0	30.0

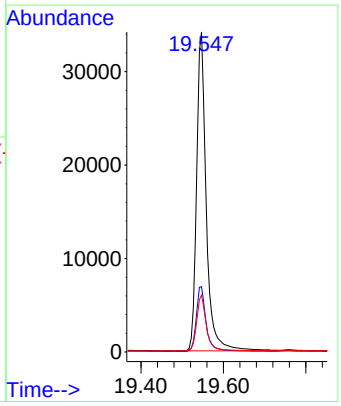


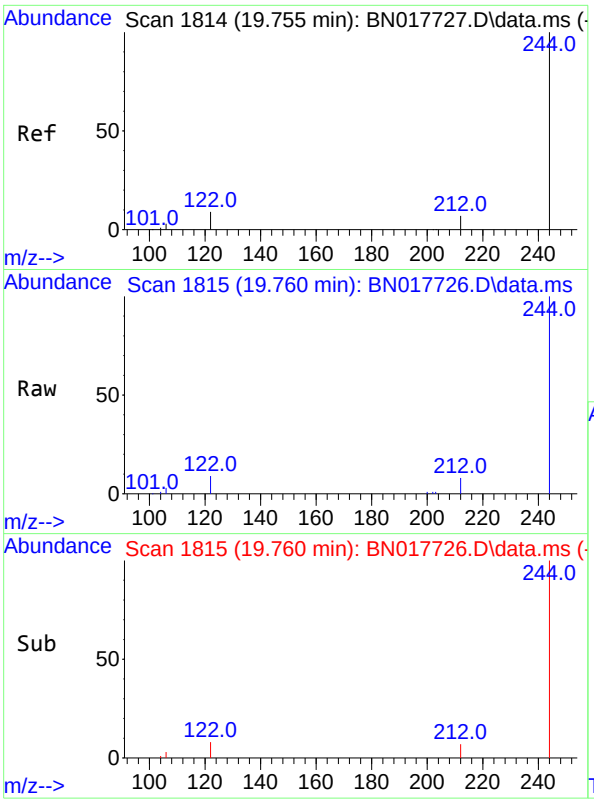


#30
Pyrene
Concen: 0.233 ng
RT: 19.547 min Scan# 1772
Delta R.T. 0.005 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:202 Resp: 55628

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



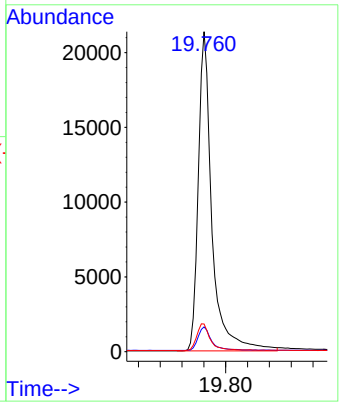


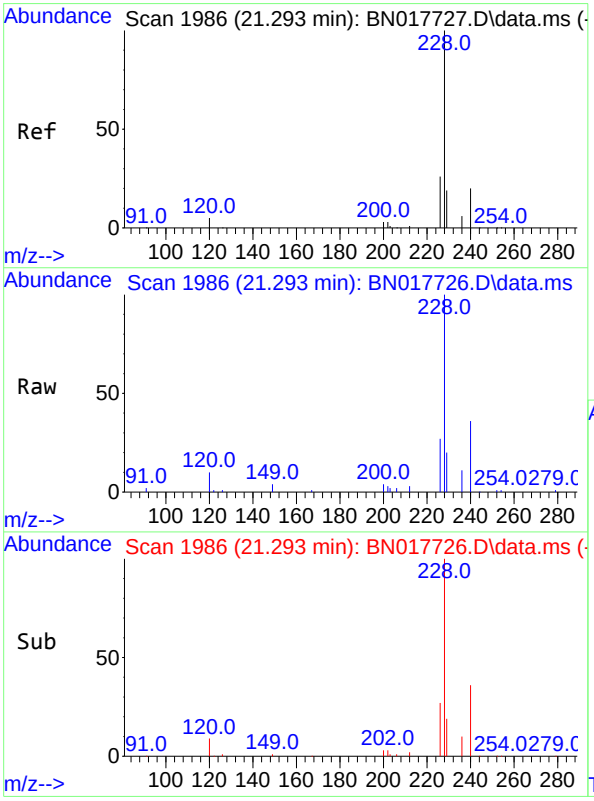
#31
Terphenyl-d14
Concen: 0.223 ng
RT: 19.760 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 37073

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	8.7	8.6	13.0

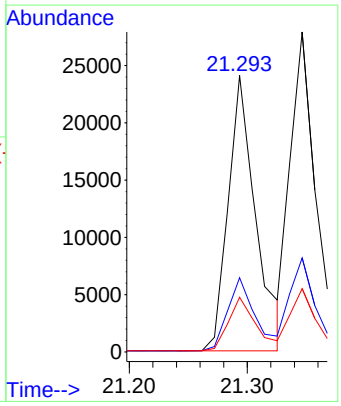


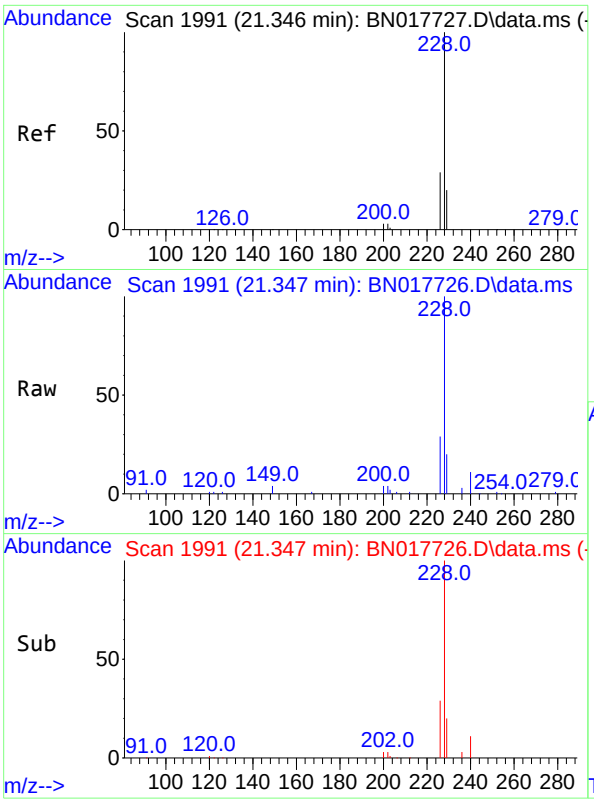


#32
Benzo(a)anthracene
Concen: 0.179 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:228 Resp: 39123

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	19.8	15.7	23.5



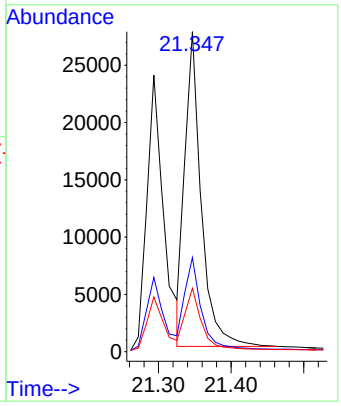


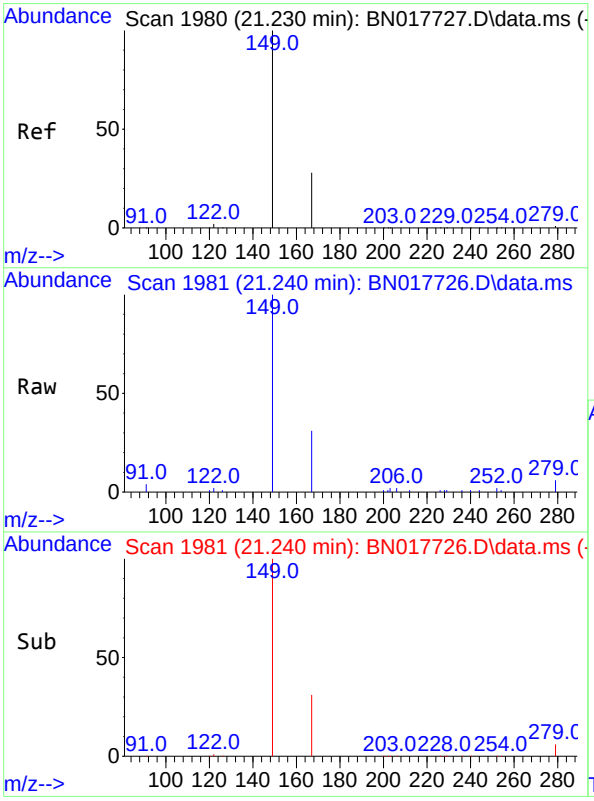
#33
Chrysene
Concen: 0.175 ng
RT: 21.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 42954

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	19.8	15.6	23.4

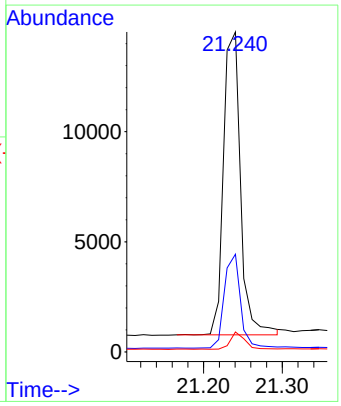


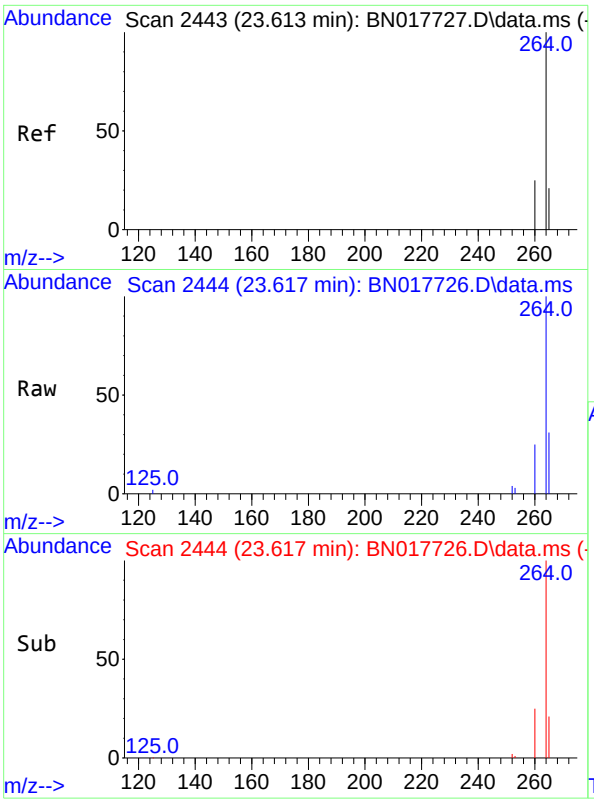


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.290 ng
RT: 21.240 min Scan# 1981
Delta R.T. 0.011 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:149 Resp: 20673

Ion	Ratio	Lower	Upper
149	100		
167	29.6	21.8	32.6
279	4.8	3.4	5.0



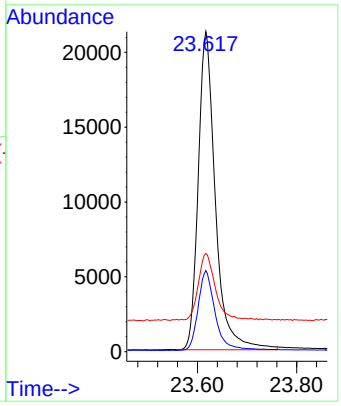


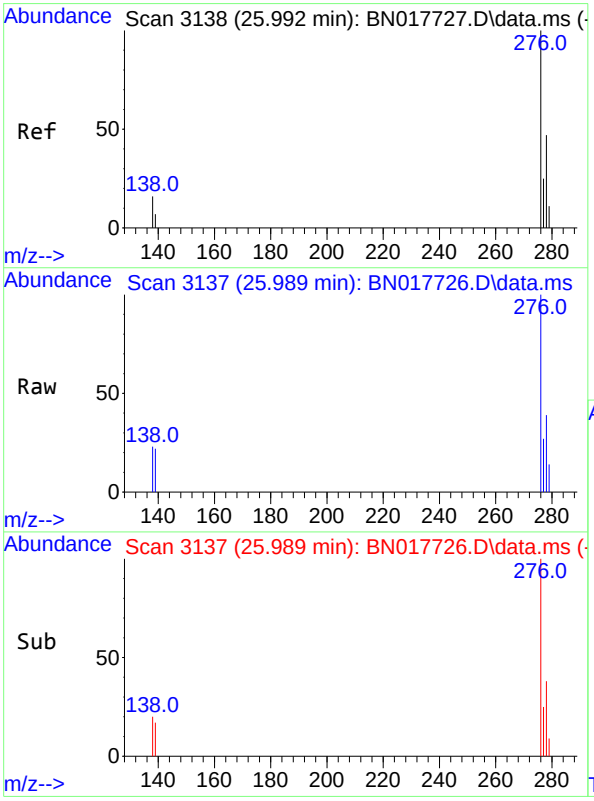
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.617 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 50916

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	30.7	18.6	28.0#

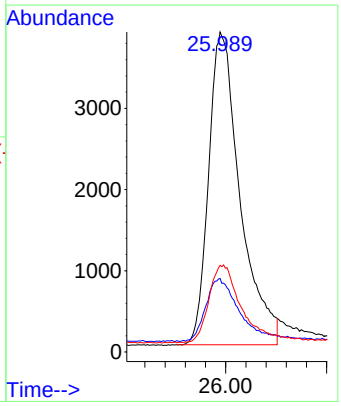


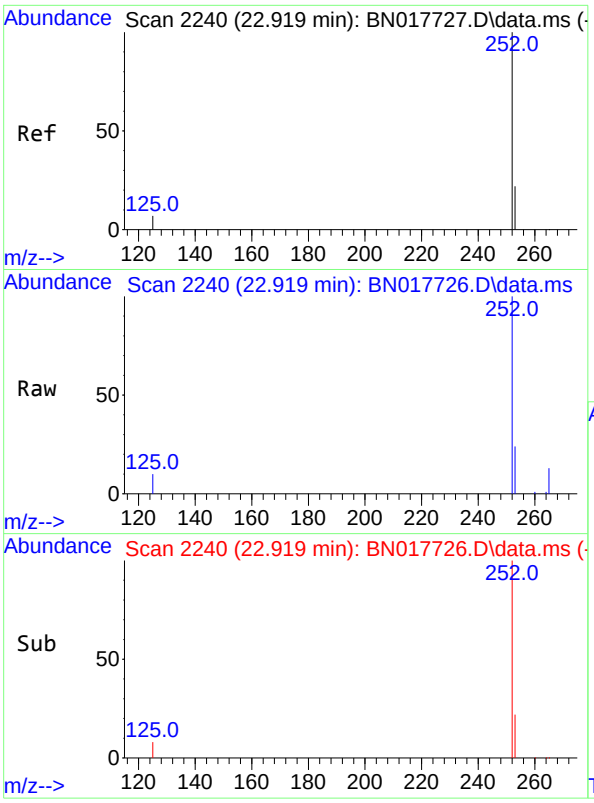


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng
RT: 25.989 min Scan# 3137
Delta R.T. -0.003 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:276 Resp: 16657

Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.7	29.5
277	25.4	20.0	30.0



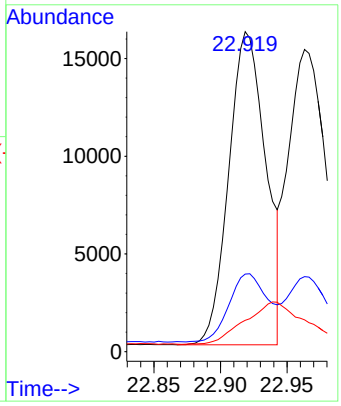


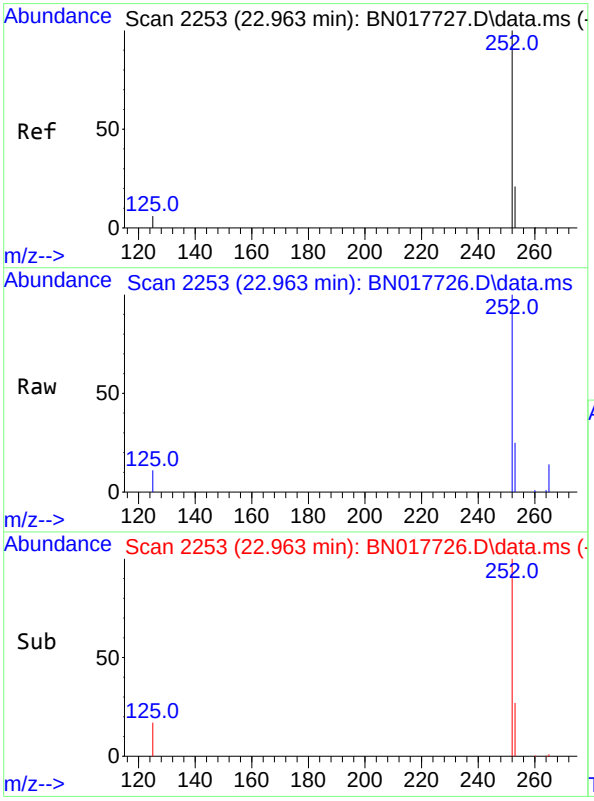
#37
Benzo(b)fluoranthene
Concen: 0.185 ng
RT: 22.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 30985

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	9.8	7.8	11.8

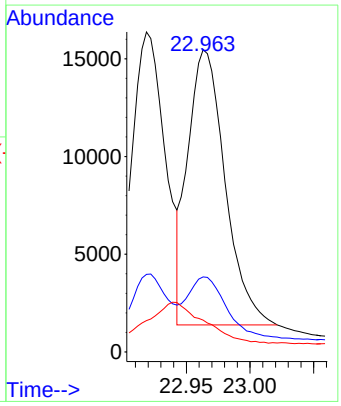


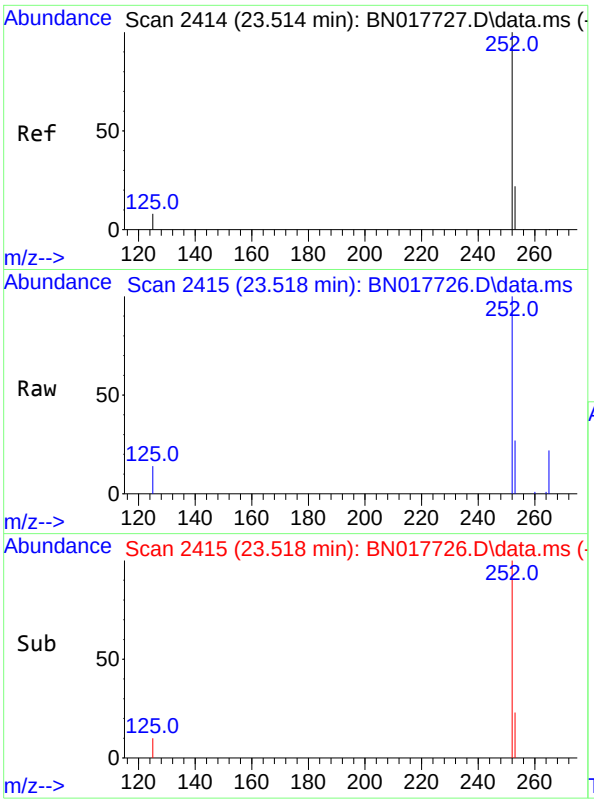


#38
Benzo(k)fluoranthene
Concen: 0.174 ng
RT: 22.963 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:252 Resp: 28616

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	10.5	8.2	12.2



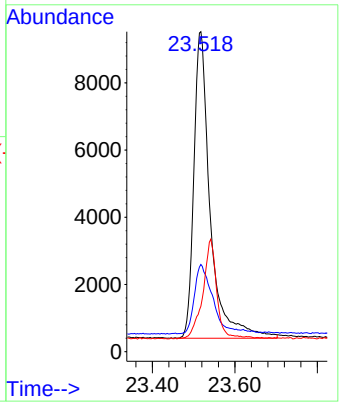


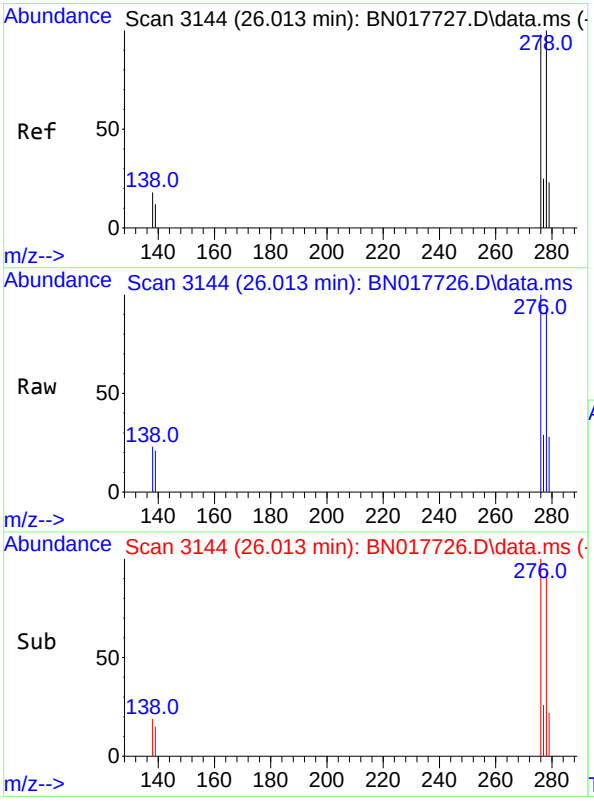
#39
Benzo(a)pyrene
Concen: 0.172 ng
RT: 23.518 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 25144

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.9	26.9#
125	14.2	9.2	13.8#

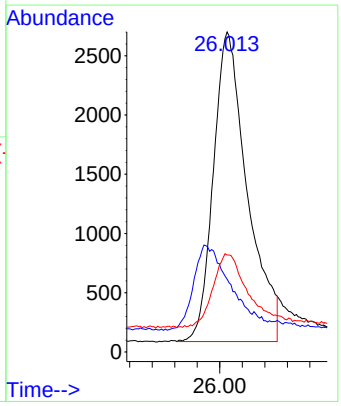


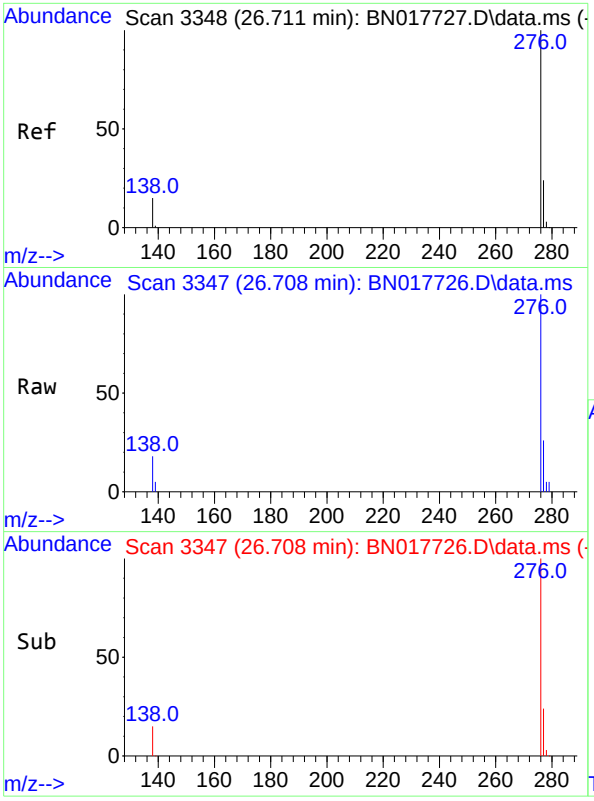


#40
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 26.013 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Tgt Ion:278 Resp: 10929

Ion	Ratio	Lower	Upper
278	100		
139	22.7	13.0	19.6#
279	30.3	19.2	28.8#





#41
Benzo(g,h,i)perylene
Concen: 0.160 ng
RT: 26.708 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN017726.D
Acq: 06 Dec 2021 12:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 18304

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.0	28.4
138	18.2	17.1	25.7