Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030540.D
Acq On : 29 Mar 2024 21:23
Operator : MA/JU
Sample : PB159883BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 30 00:06:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

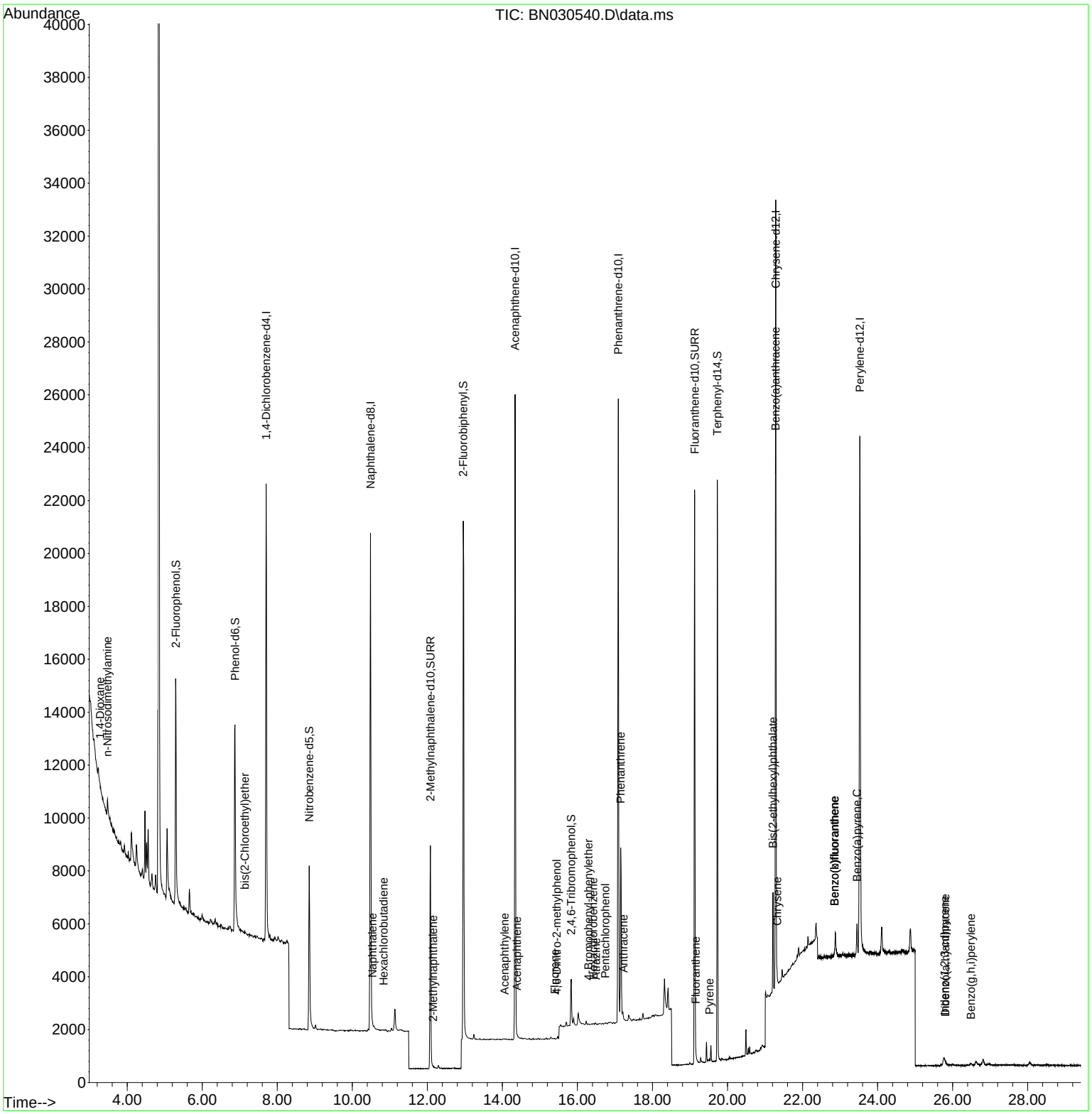
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	8845	0.400	ng	0.00
7) Naphthalene-d8	10.485	136	25557	0.400	ng	0.00
13) Acenaphthene-d10	14.338	164	13521	0.400	ng	0.00
19) Phenanthrene-d10	17.090	188	31259	0.400	ng	0.00
29) Chrysene-d12	21.285	240	26304	0.400	ng	0.00
35) Perylene-d12	23.527	264	26981	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	7725	0.401	ng	0.00
5) Phenol-d6	6.873	99	9319	0.376	ng	0.00
8) Nitrobenzene-d5	8.852	82	5424	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.081	152	11893	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.836	330	1096	0.215	ng	0.00
15) 2-Fluorobiphenyl	12.958	172	17369	0.332	ng	-0.01
27) Fluoranthene-d10	19.126	212	25100	0.298	ng	0.00
31) Terphenyl-d14	19.730	244	20772	0.342	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.277	88	29	0.003	ng	# 26
3) n-Nitrosodimethylamine	3.472	42	130	0.013	ng	# 1
6) bis(2-Chloroethyl)ether	7.133	93	36	0.001	ng	# 47
9) Naphthalene	10.538	128	75	0.001	ng	# 1
10) Hexachlorobutadiene	10.837	225	6	0.000	ng	# 39
12) 2-Methylnaphthalene	12.153	142	22	0.000	ng	# 18
16) Acenaphthylene	14.060	152	24	0.000	ng	# 63
17) Acenaphthene	14.391	154	12	0.000	ng	# 54
18) Fluorene	15.396	166	17	0.000	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.449	198	9	0.174	ng	# 1
21) 4-Bromophenyl-phenylether	16.296	248	5	0.000	ng	# 54
22) Hexachlorobenzene	16.420	284	16	0.001	ng	# 45
23) Atrazine	16.494	200	6	0.000	ng	# 3
24) Pentachlorophenol	16.742	266	31	0.175	ng	# 57
25) Phenanthrene	17.152	178	282	0.003	ng	# 1
26) Anthracene	17.226	178	31	0.000	ng	# 55
28) Fluoranthene	19.154	202	60	0.001	ng	# 70
30) Pyrene	19.521	202	49	0.000	ng	# 91
32) Benzo(a)anthracene	21.276	228	173	0.002	ng	# 37
33) Chrysene	21.321	228	128	0.001	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.213	149	3516	0.087	ng	97
36) Indeno(1,2,3-cd)pyrene	25.787	276	209	0.002	ng	# 51
37) Benzo(b)fluoranthene	22.852	252	302	0.003	ng	# 1
38) Benzo(k)fluoranthene	22.852	252	278	0.003	ng	# 1
39) Benzo(a)pyrene	23.448	252	162	0.002	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	65	0.001	ng	# 1
41) Benzo(g,h,i)perylene	26.486	276	111	0.001	ng	# 1

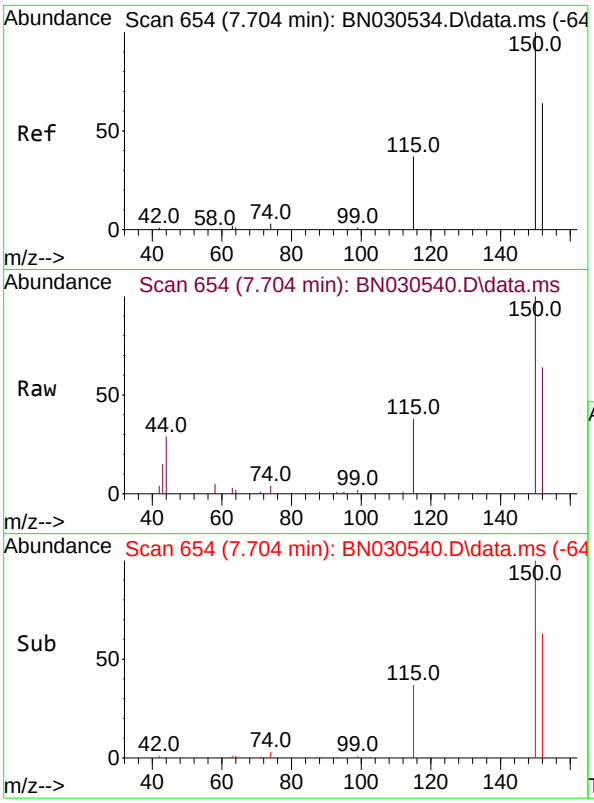
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030540.D
Acq On : 29 Mar 2024 21:23
Operator : MA/JU
Sample : PB159883BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 30 00:06:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration



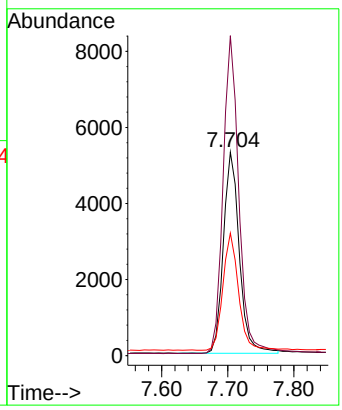


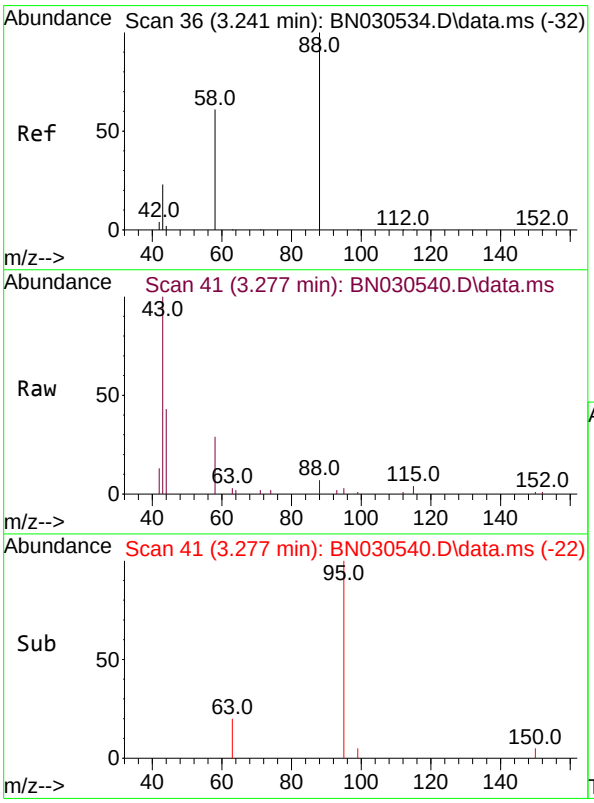
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8845

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.4
115	60.2	48.6	72.8

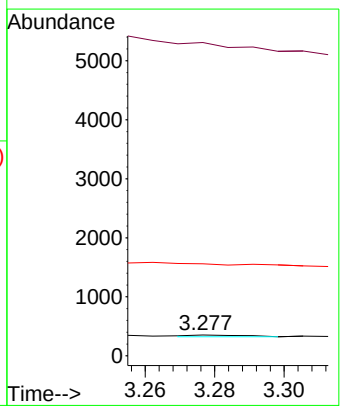


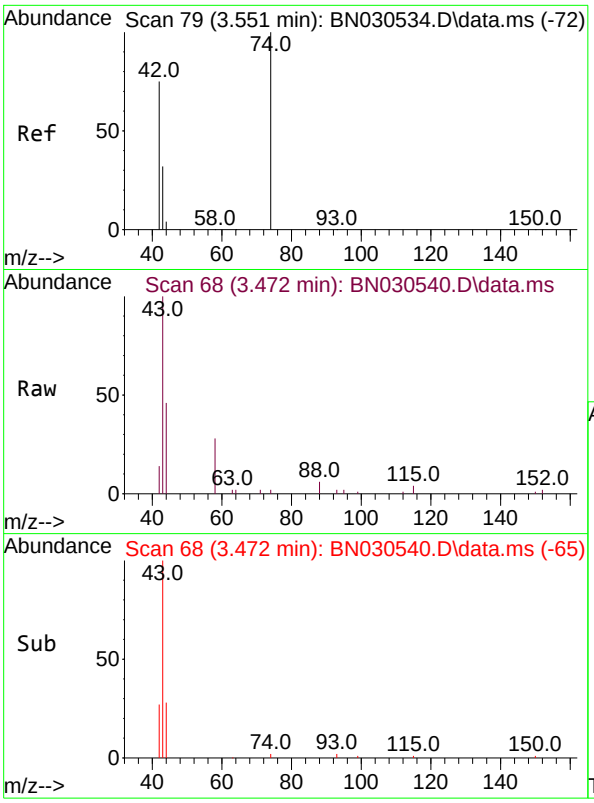


#2
1,4-Dioxane
Concen: 0.003 ng
RT: 3.277 min Scan# 41
Delta R.T. 0.036 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion: 88 Resp: 29

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.9	32.9#
58	0.0	53.4	80.2#



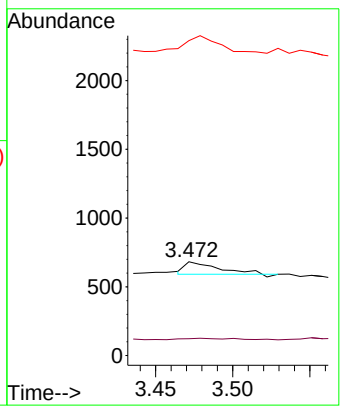


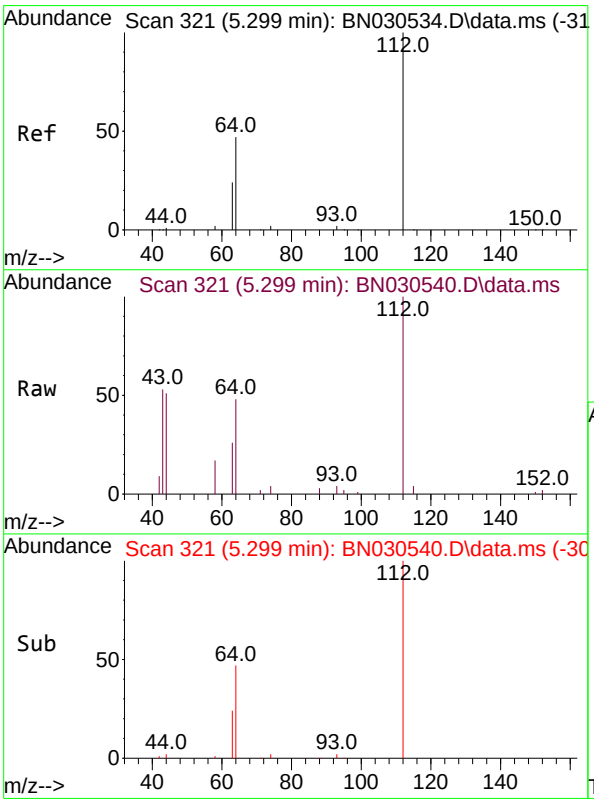
#3
n-Nitrosodimethylamine
Concen: 0.013 ng
RT: 3.472 min Scan# 68
Delta R.T. -0.079 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 130

Ion	Ratio	Lower	Upper
42	100		
74	16.9	100.9	151.3#
44	136.2	5.8	8.6#

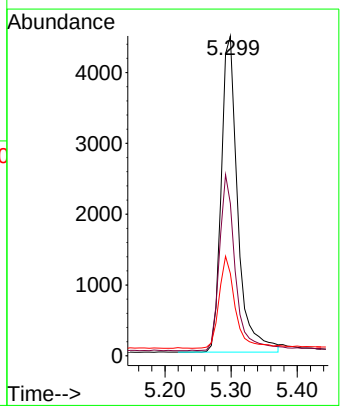


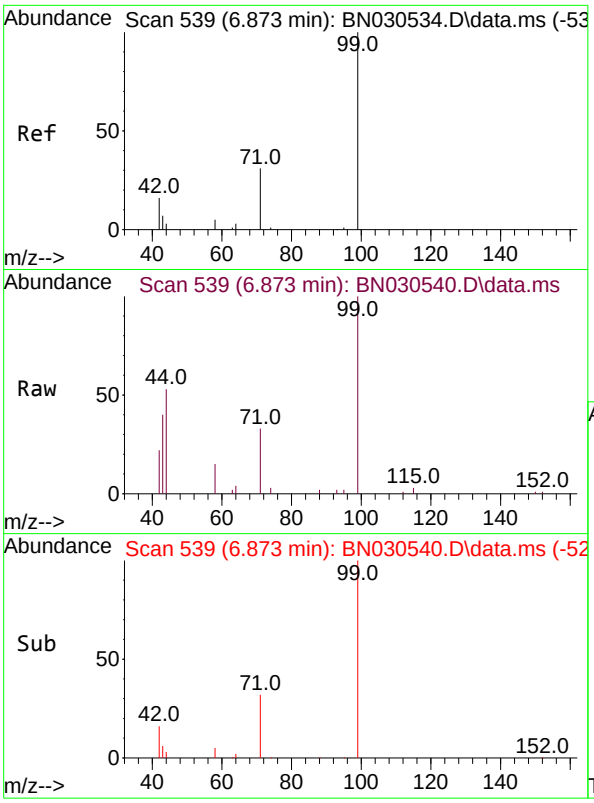


#4
2-Fluorophenol
Concen: 0.401 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:112 Resp: 7725

Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.2	64.8
63	28.3	22.5	33.7



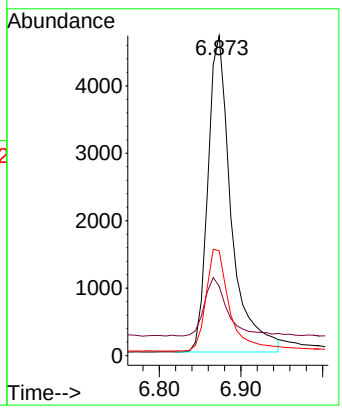


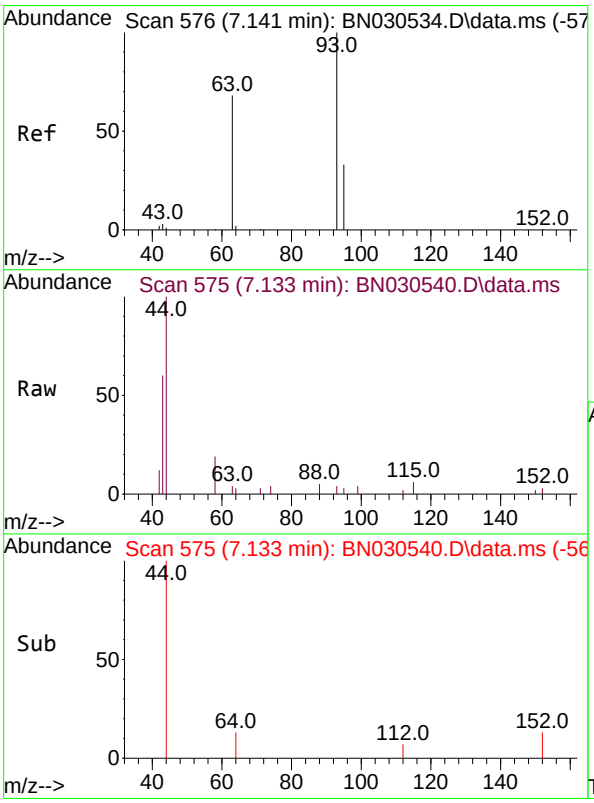
#5
Phenol-d6
Concen: 0.376 ng
RT: 6.873 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 9319

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.8	23.6
71	32.6	25.9	38.9

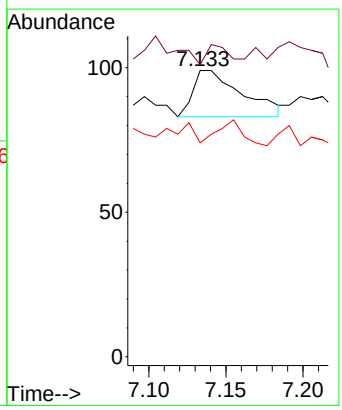


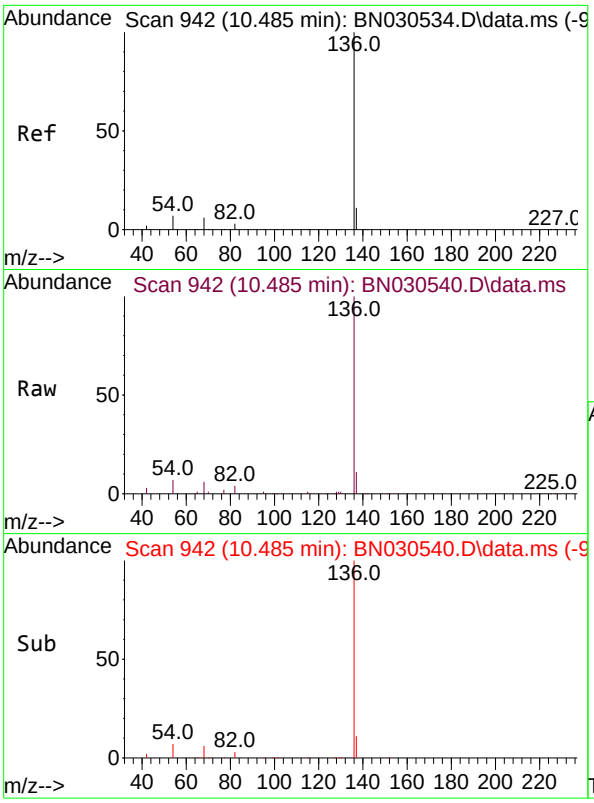


#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.133 min Scan# 575
Delta R.T. -0.007 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion: 93 Resp: 36

Ion	Ratio	Lower	Upper
93	100		
63	19.4	60.5	90.7#
95	19.4	27.5	41.3#



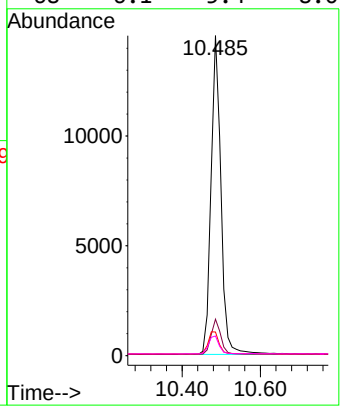


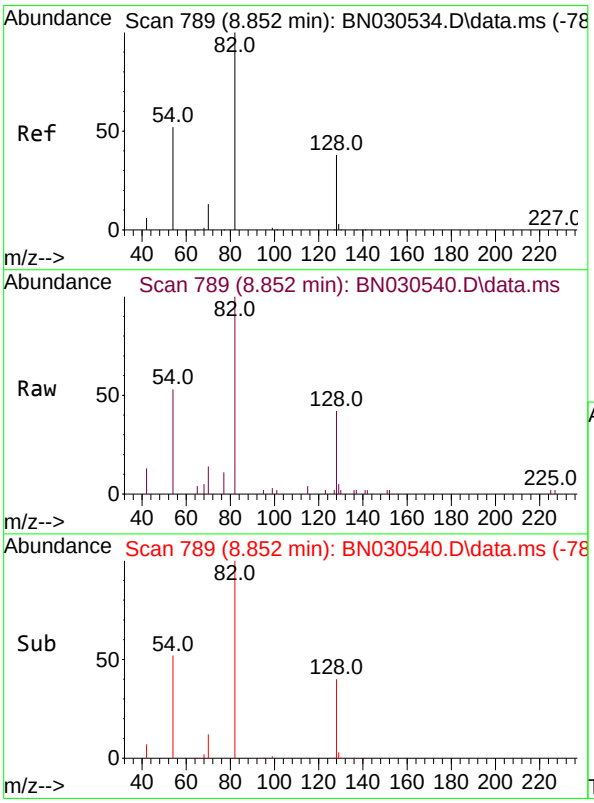
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 25557

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.4	6.4	9.6
68	6.1	5.4	8.0

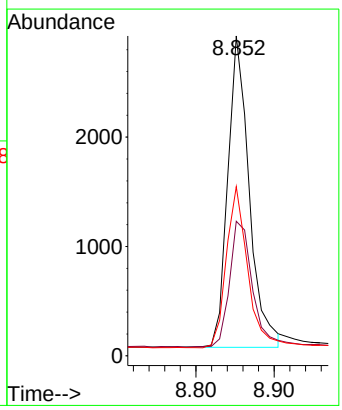


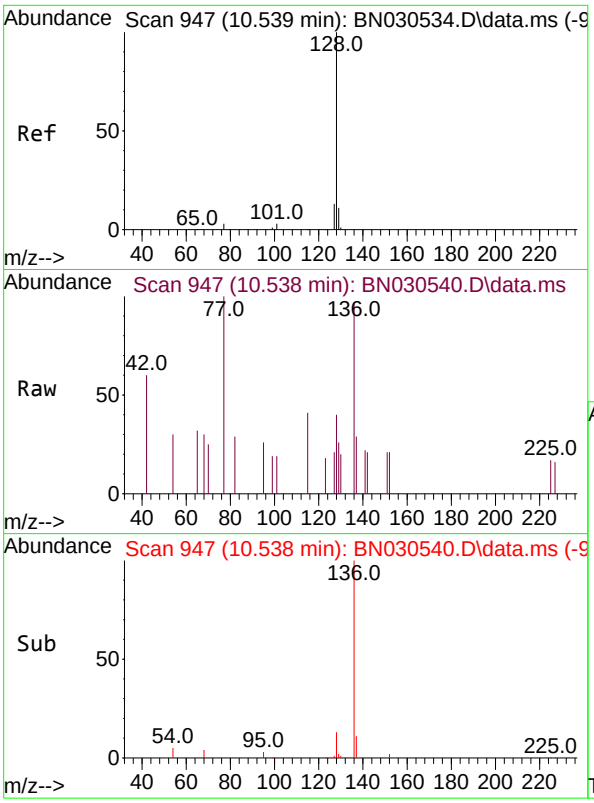


#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.852 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion: 82 Resp: 5424

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.3	48.5
54	52.9	42.7	64.1



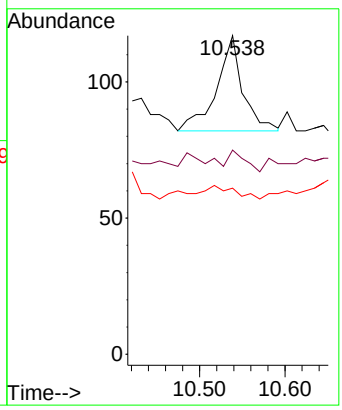


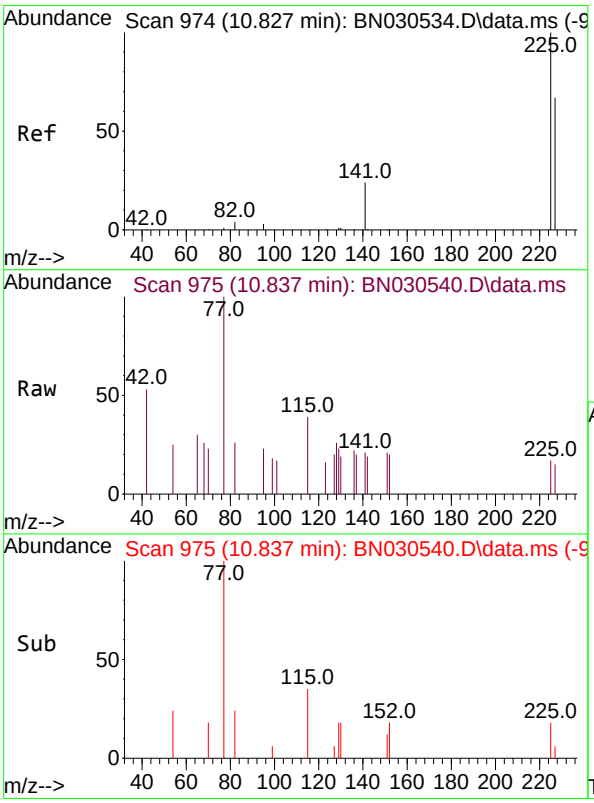
#9
Naphthalene
Concen: 0.001 ng
RT: 10.538 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 75

Ion	Ratio	Lower	Upper
128	100		
129	64.1	9.0	13.6#
127	52.1	10.5	15.7#

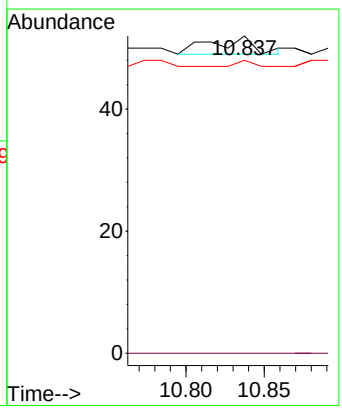


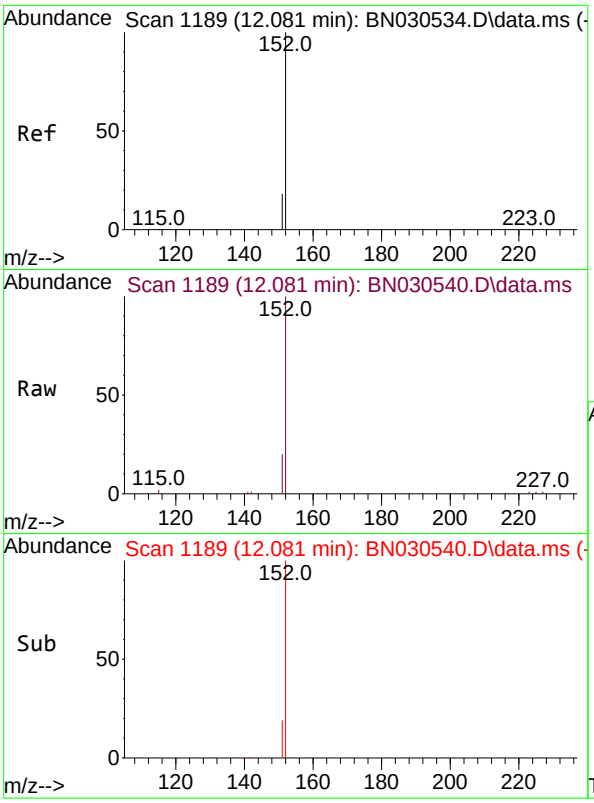


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.837 min Scan# 975
Delta R.T. 0.011 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	16.7	51.4	77.2#



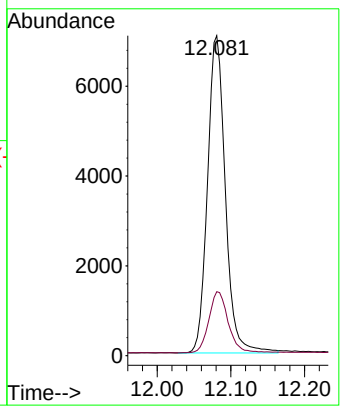


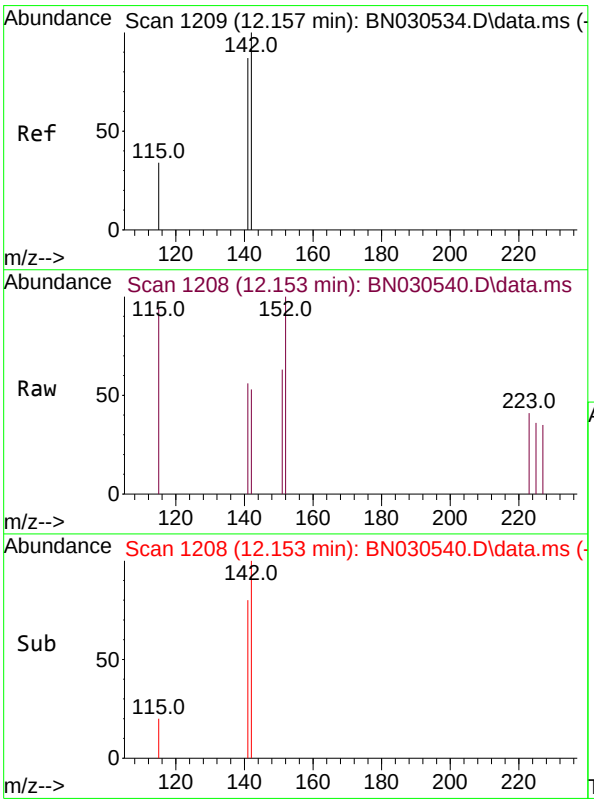
#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11893

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1

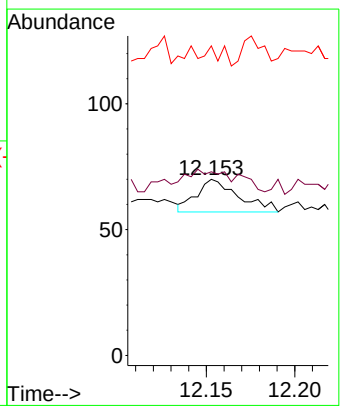


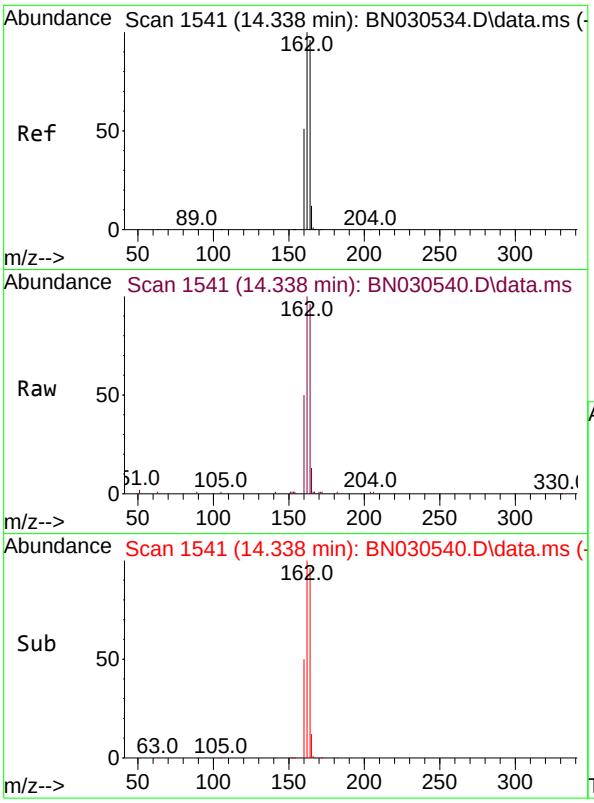


#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.153 min Scan# 1208
Delta R.T. -0.004 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:142 Resp: 22

Ion	Ratio	Lower	Upper
142	100		
141	104.3	69.8	104.8
115	175.7	28.3	42.5#





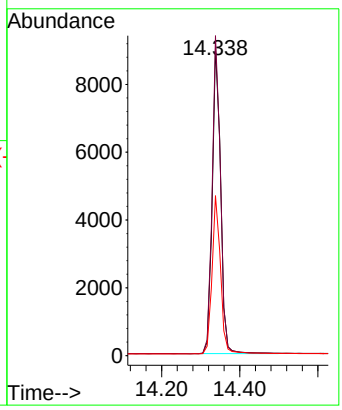
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1

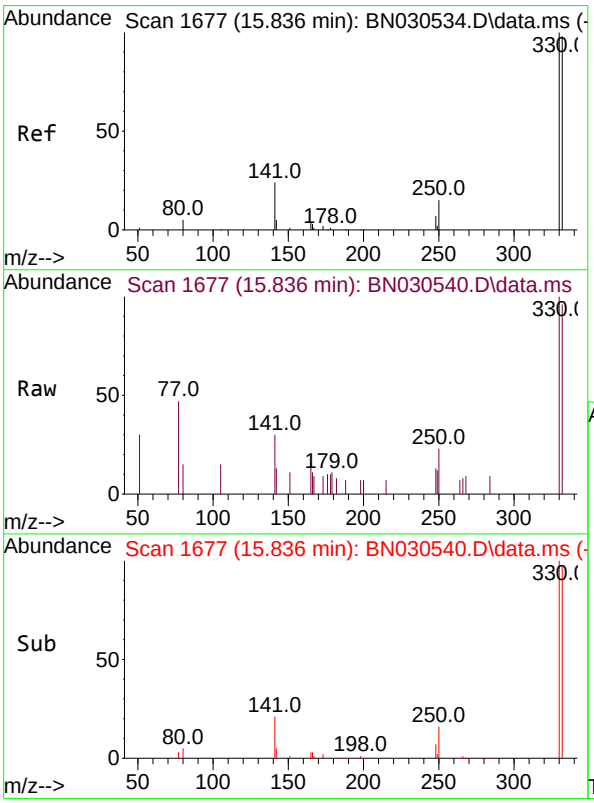
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:164 Resp: 13521

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.5	125.3
160	52.0	42.5	63.7

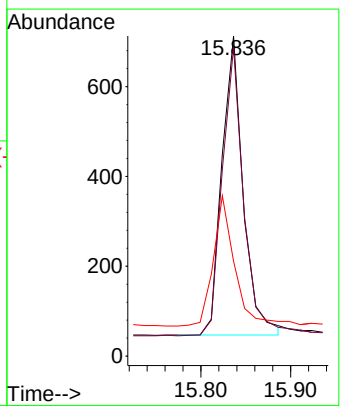


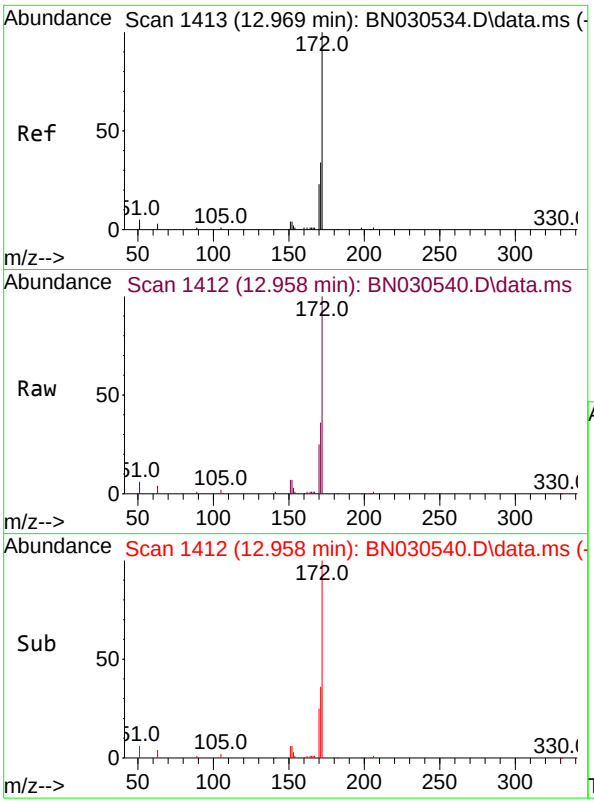


#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.836 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:330 Resp: 1096

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	43.3	35.9	53.9



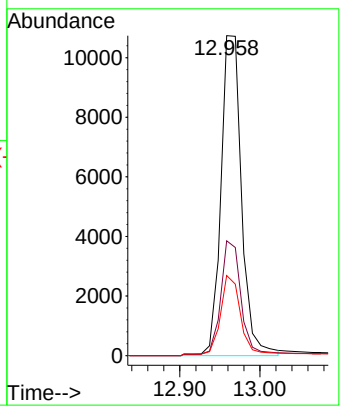


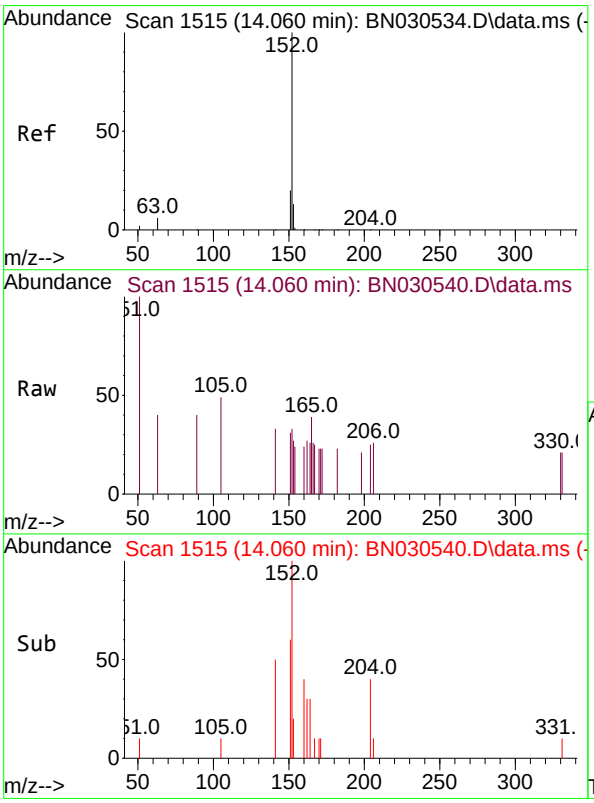
#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.958 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 17369

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.1	40.7
170	25.0	18.3	27.5

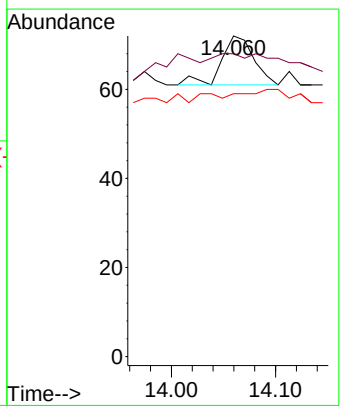


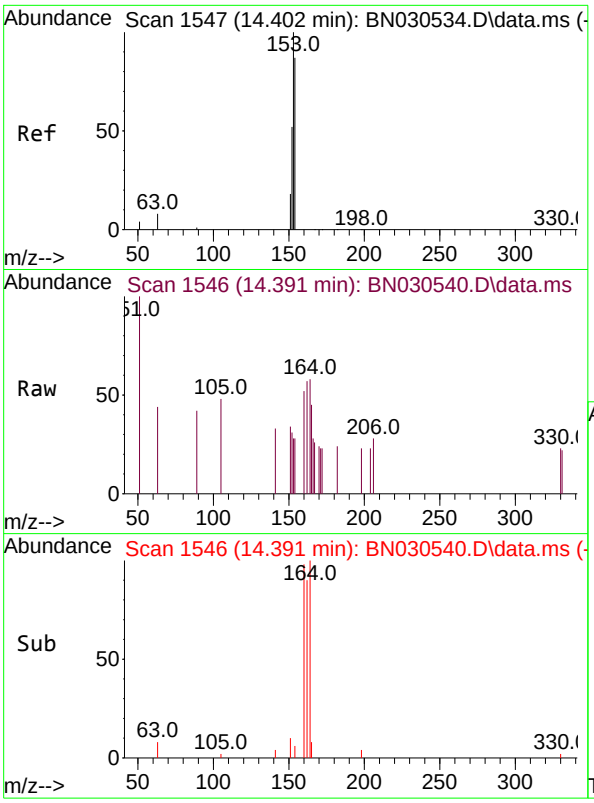


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.060 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:152 Resp: 24

Ion	Ratio	Lower	Upper
152	100		
151	37.5	15.6	23.4#
153	0.0	10.3	15.5#



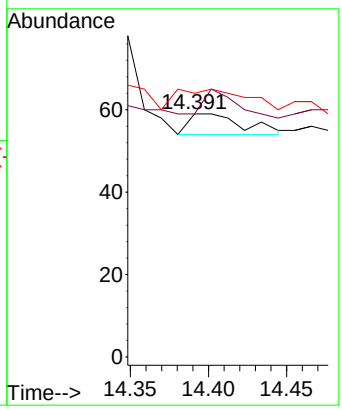


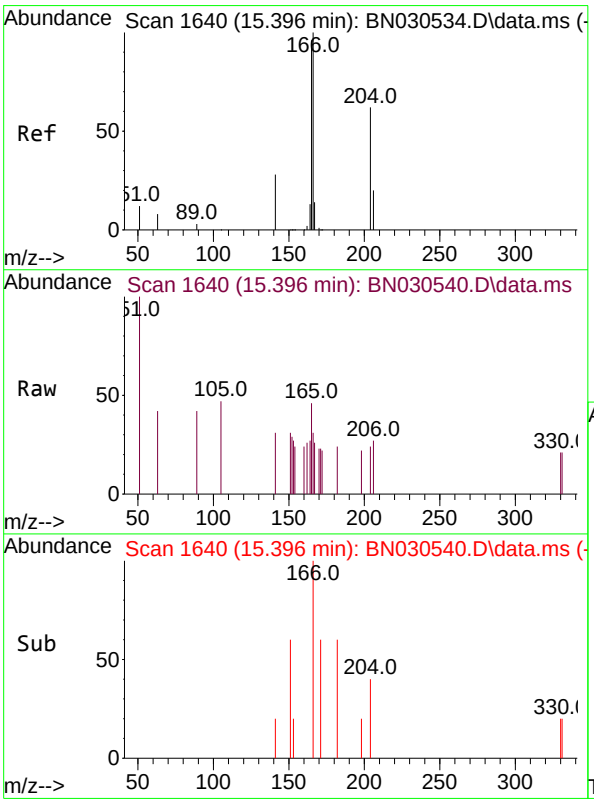
#17
Acenaphthene
Concen: 0.000 ng
RT: 14.391 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12

Ion	Ratio	Lower	Upper
154	100		
153	83.3	91.0	136.6#
152	0.0	47.8	71.6#

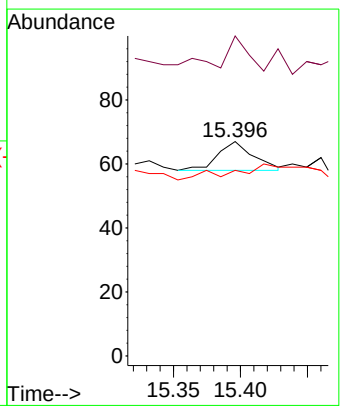


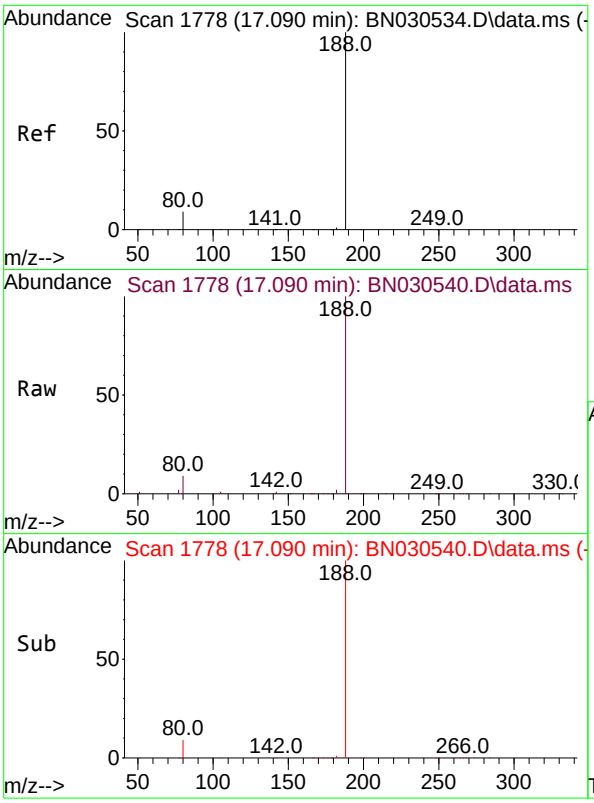


#18
Fluorene
Concen: 0.000 ng
RT: 15.396 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:166 Resp: 17

Ion	Ratio	Lower	Upper
166	100		
165	88.2	77.9	116.9
167	0.0	10.8	16.2#



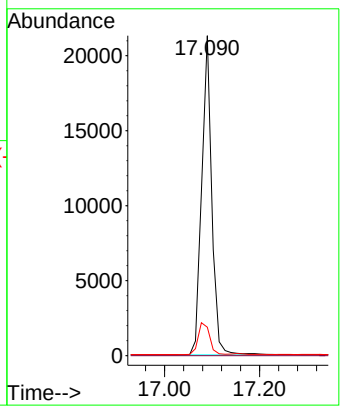


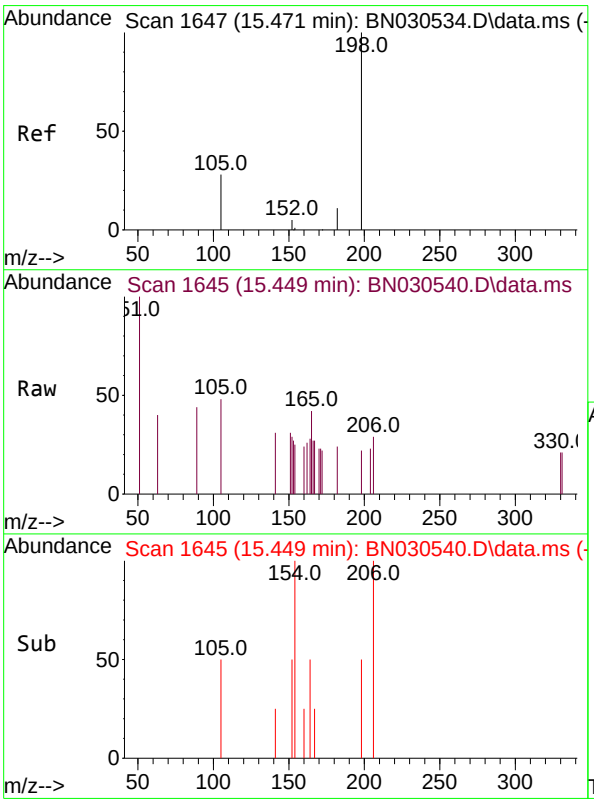
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 31259

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.0

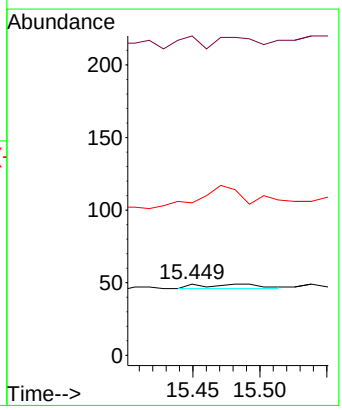


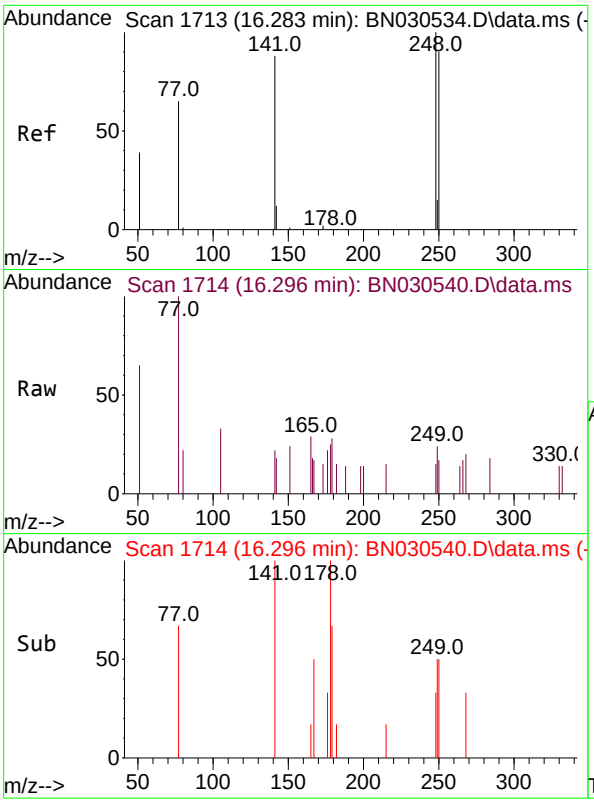


#20
4,6-Dinitro-2-methylphenol
Concen: 0.174 ng
RT: 15.449 min Scan# 1645
Delta R.T. -0.022 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:198 Resp: 9

Ion	Ratio	Lower	Upper
198	100		
51	449.0	57.8	86.6#
105	214.3	37.5	56.3#



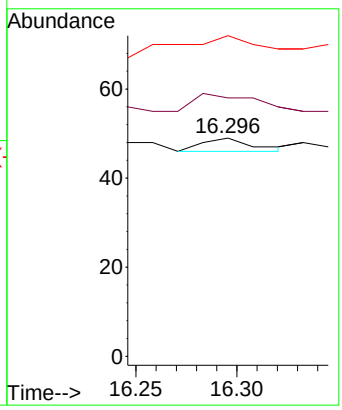


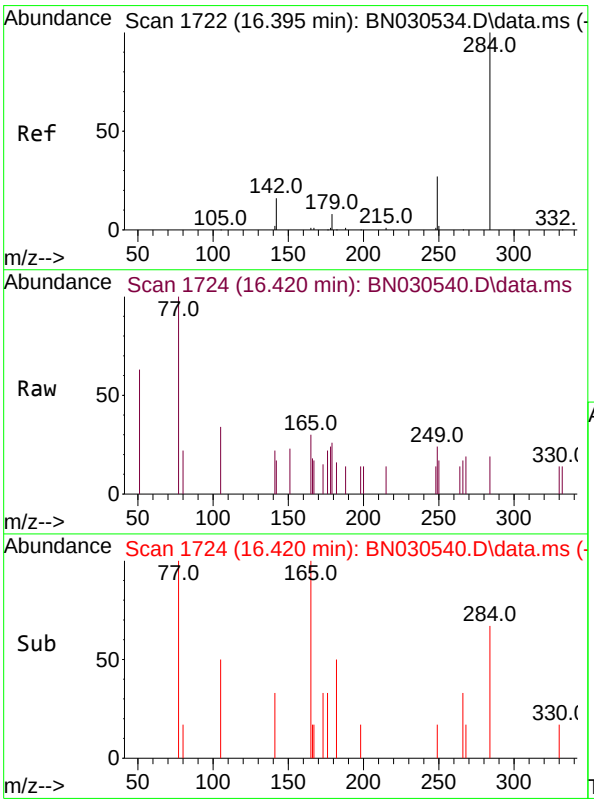
#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.296 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 5

Ion	Ratio	Lower	Upper
248	100		
250	118.4	72.2	108.2#
141	146.9	71.1	106.7#

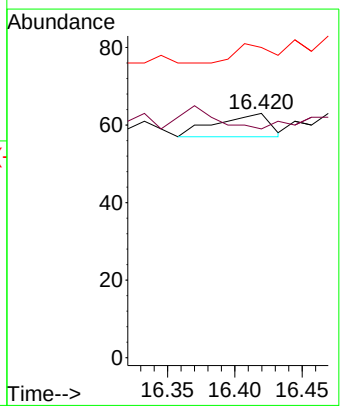


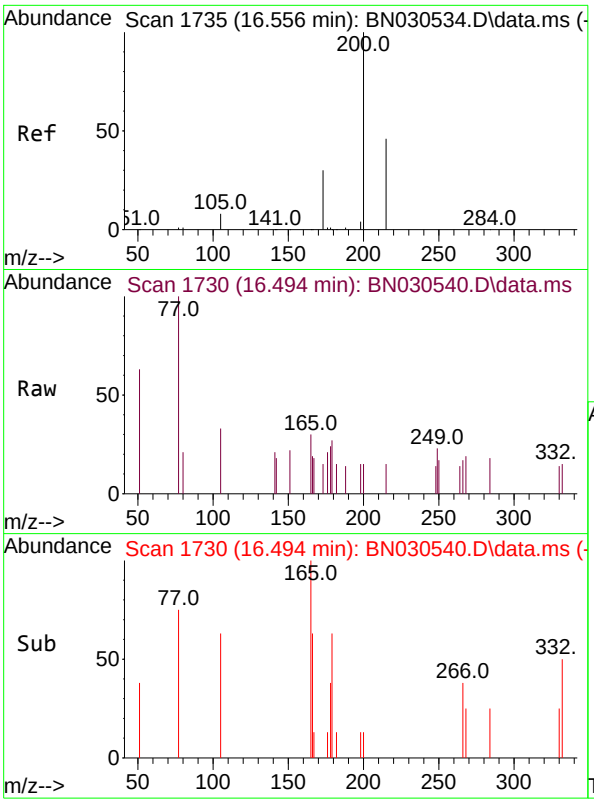


#22
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.420 min Scan# 1724
Delta R.T. 0.025 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:284 Resp: 16

Ion	Ratio	Lower	Upper
284	100		
142	0.0	31.8	47.6#
249	56.3	25.8	38.6#



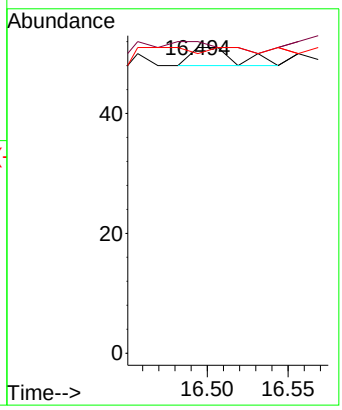


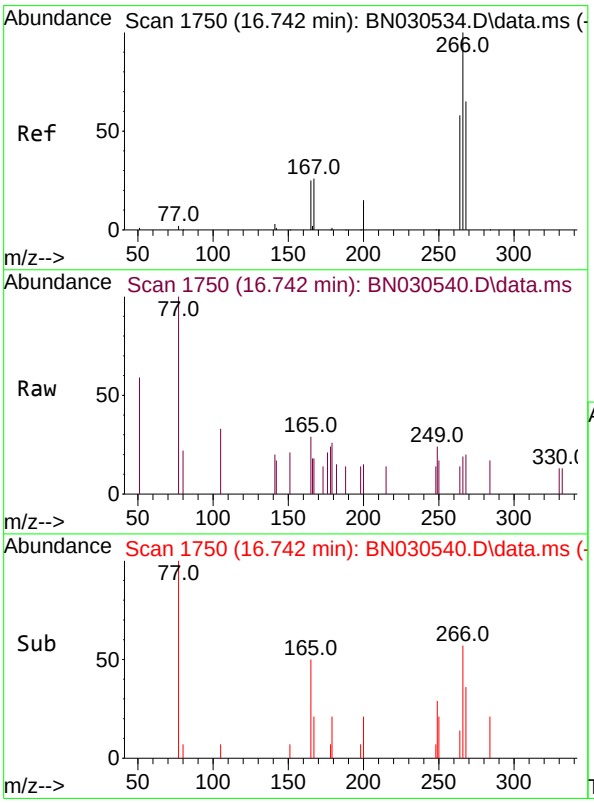
#23
Atrazine
Concen: 0.000 ng
RT: 16.494 min Scan# 1
Delta R.T. -0.062 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 6

Ion	Ratio	Lower	Upper
200	100		
173	102.0	25.0	37.6#
215	98.0	37.4	56.2#

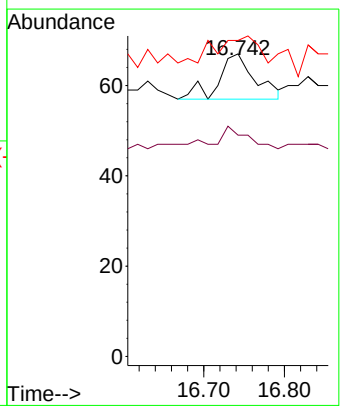


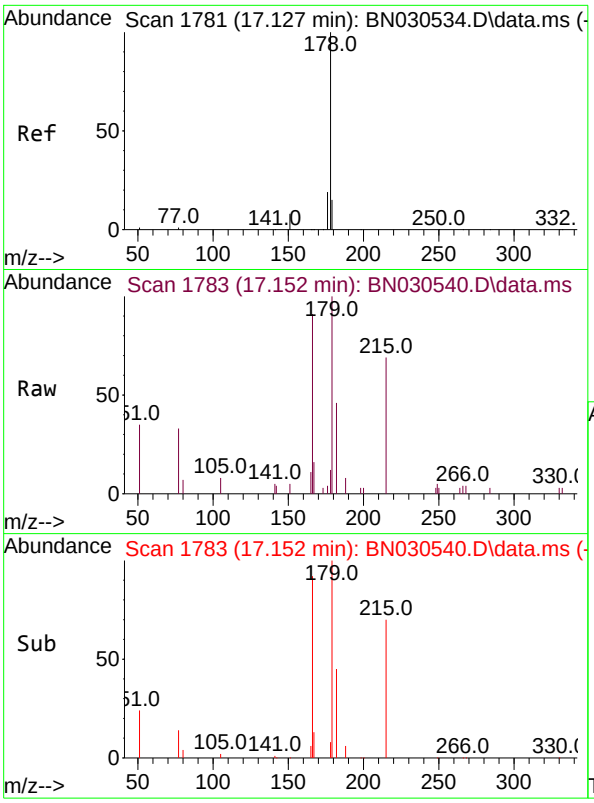


#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.742 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
264	0.0	48.7	73.1#
268	67.7	49.5	74.3



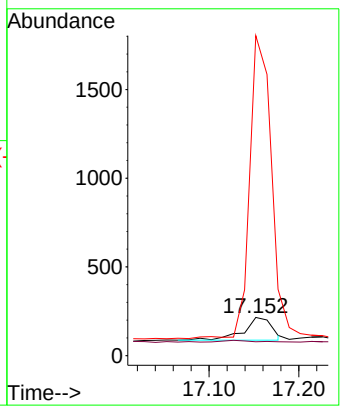


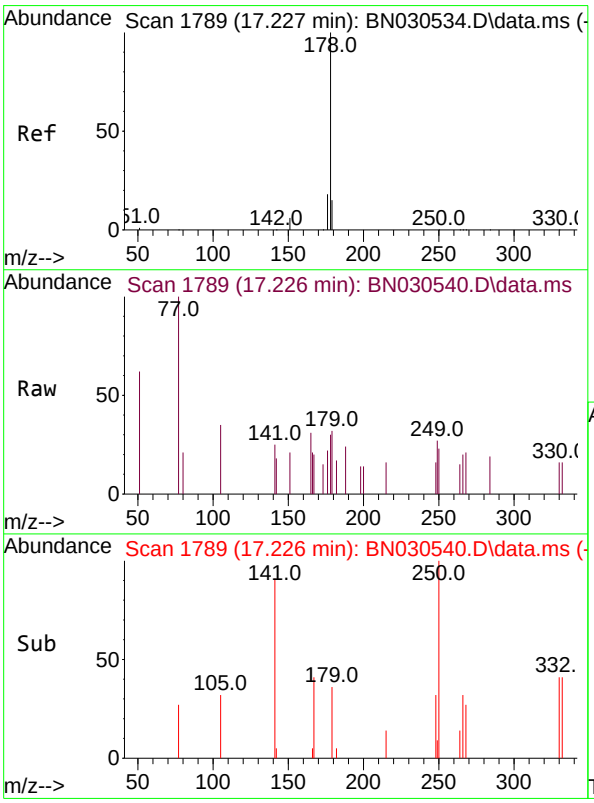
#25
Phenanthrene
Concen: 0.003 ng
RT: 17.152 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 282

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	1002.8	12.4	18.6#

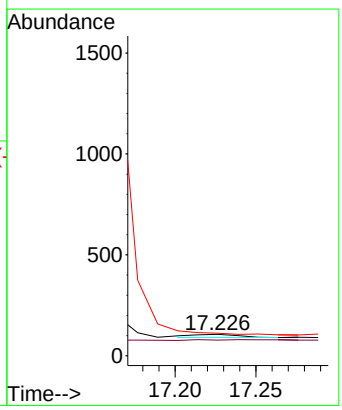


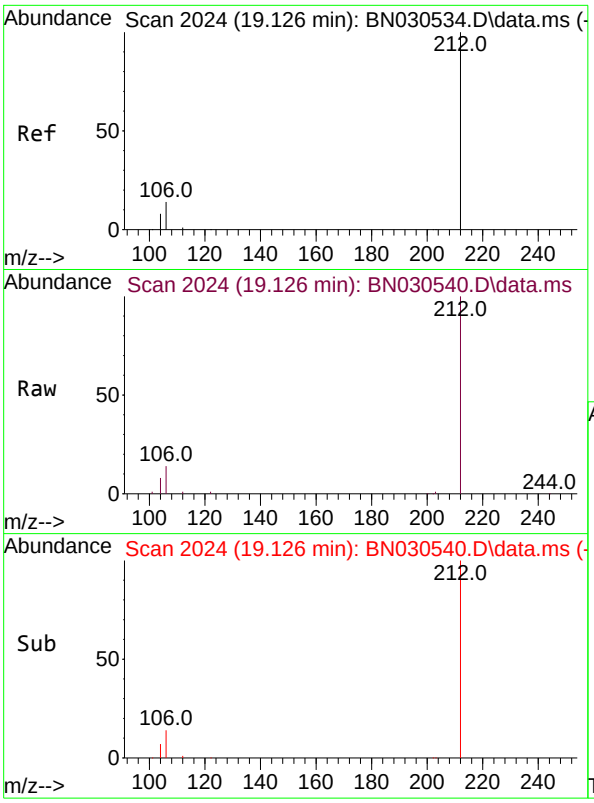


#26
Anthracene
Concen: 0.000 ng
RT: 17.226 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:178 Resp: 31

Ion	Ratio	Lower	Upper
178	100		
176	41.9	14.8	22.2#
179	0.0	12.2	18.4#



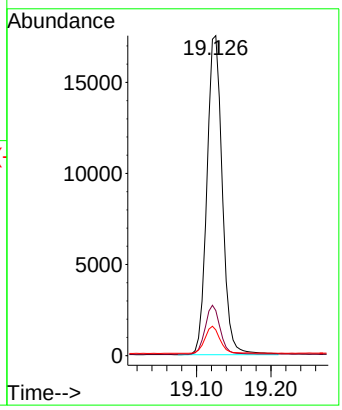


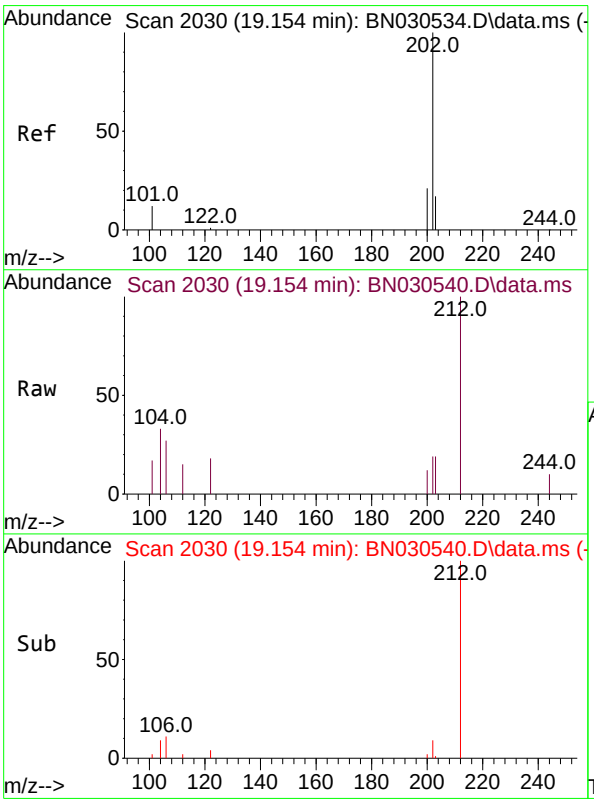
#27
Fluoranthene-d10
Concen: 0.298 ng
RT: 19.126 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 25100

Ion	Ratio	Lower	Upper
212	100		
106	15.1	11.8	17.6
104	8.3	6.6	9.8

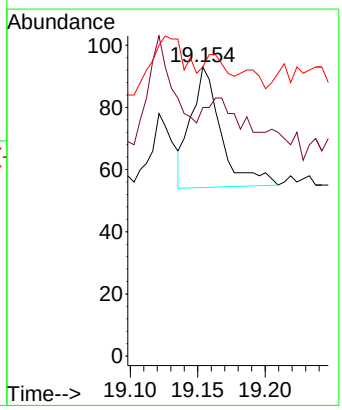


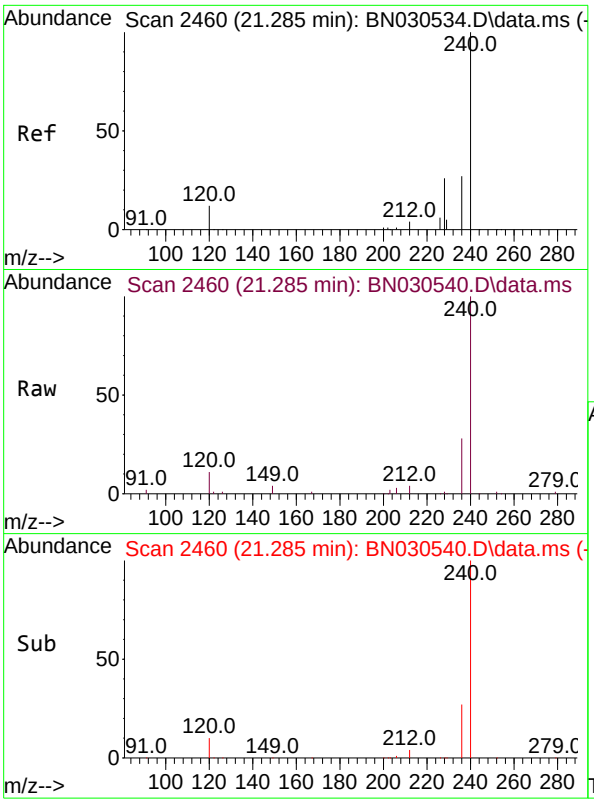


#28
Fluoranthene
Concen: 0.001 ng
RT: 19.154 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:202 Resp: 60

Ion	Ratio	Lower	Upper
202	100		
101	35.0	9.4	14.0#
203	13.3	13.7	20.5#



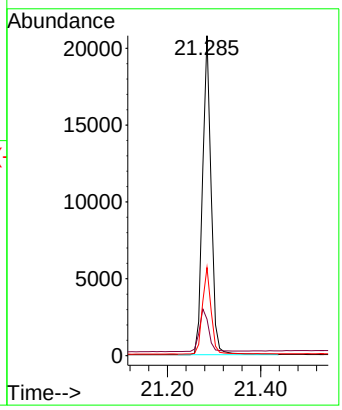


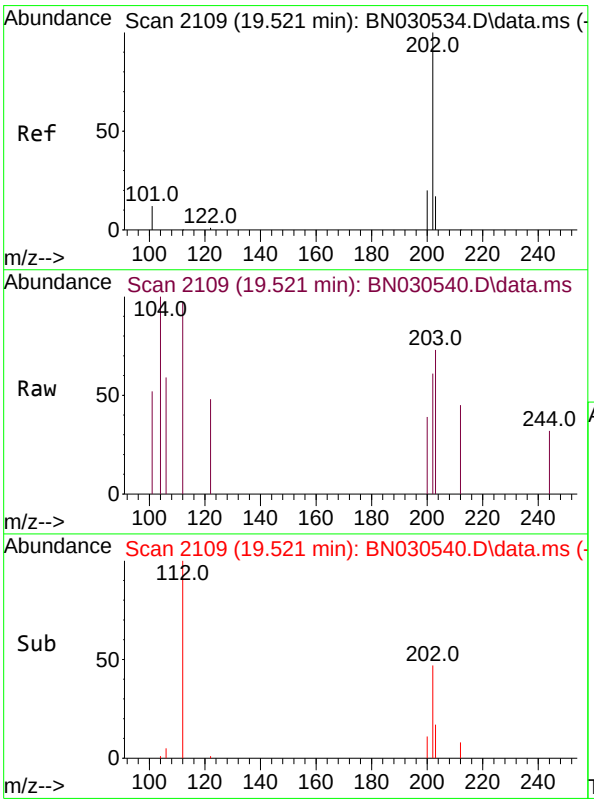
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.285 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 26304

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.6	15.8
236	27.5	22.1	33.1

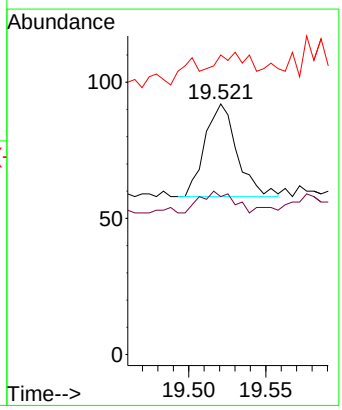


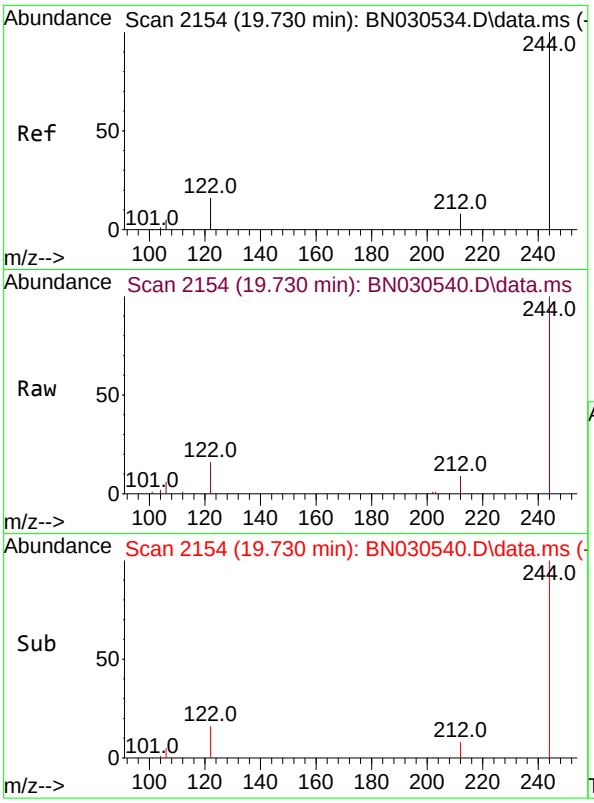


#30
Pyrene
Concen: 0.000 ng
RT: 19.521 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:202 Resp: 49

Ion	Ratio	Lower	Upper
202	100		
200	24.5	16.6	24.8
203	22.4	14.2	21.4#



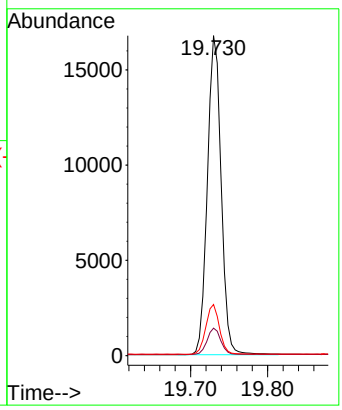


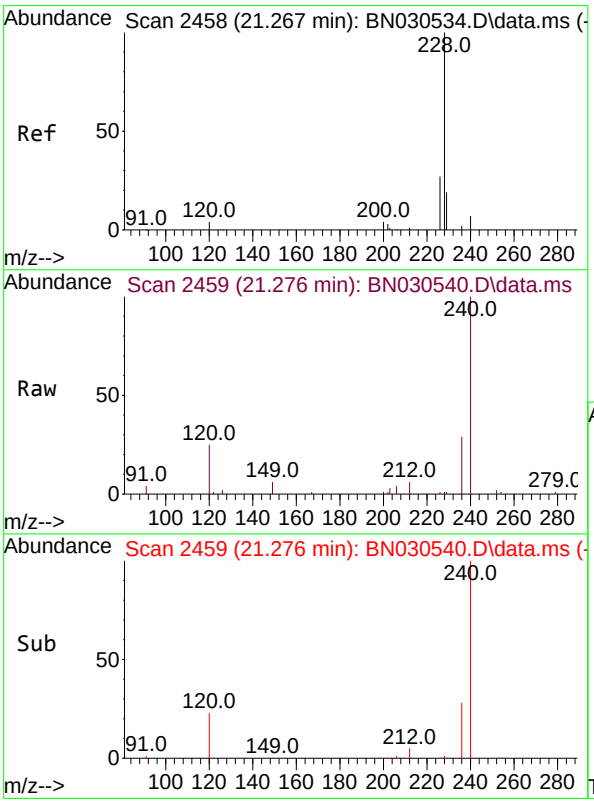
#31
Terphenyl-d14
Concen: 0.342 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 20772

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	16.0	12.7	19.1

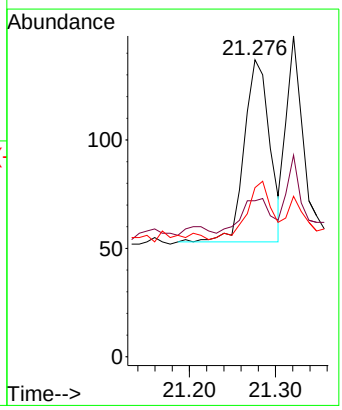


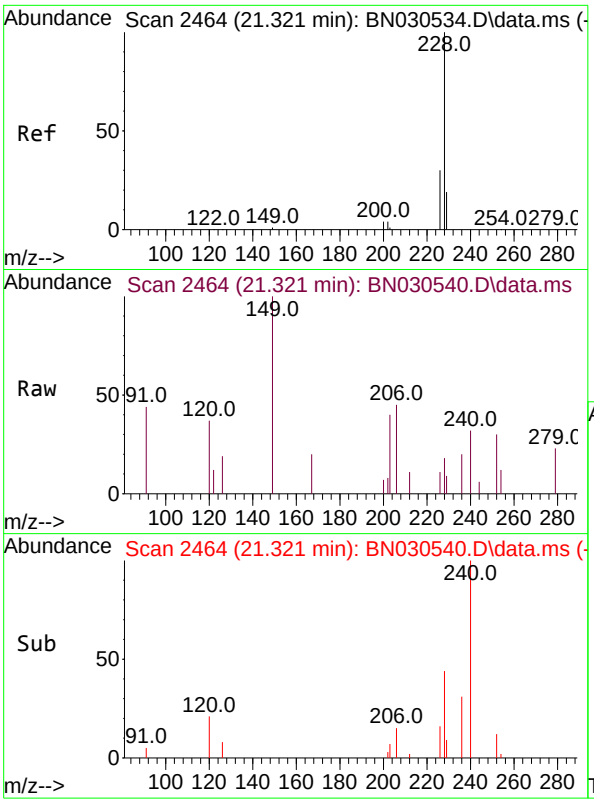


#32
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.276 min Scan# 2459
Delta R.T. 0.009 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:228 Resp: 173

Ion	Ratio	Lower	Upper
228	100		
226	52.6	21.8	32.8#
229	56.9	15.4	23.2#



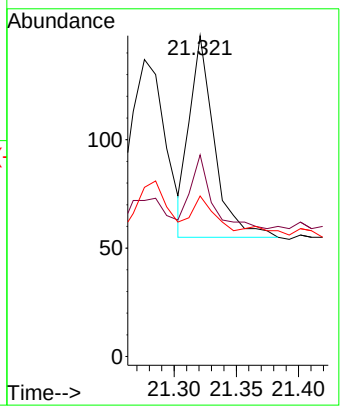


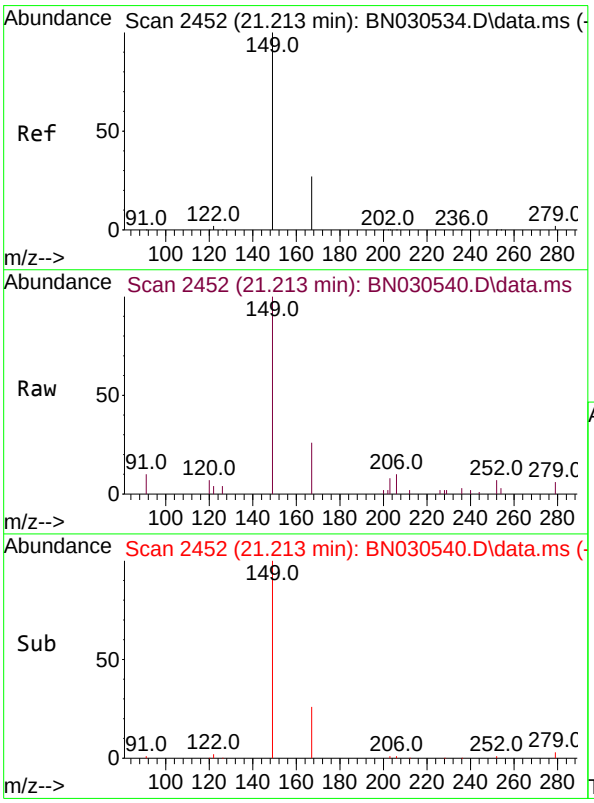
#33
Chrysene
Concen: 0.001 ng
RT: 21.321 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 128

Ion	Ratio	Lower	Upper
228	100		
226	62.8	24.3	36.5#
229	50.0	15.8	23.6#

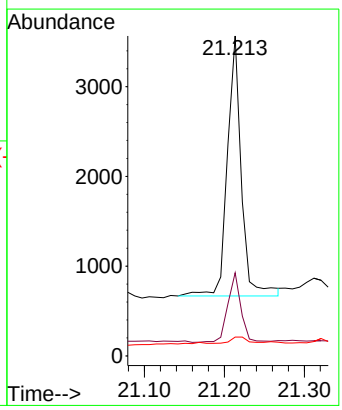


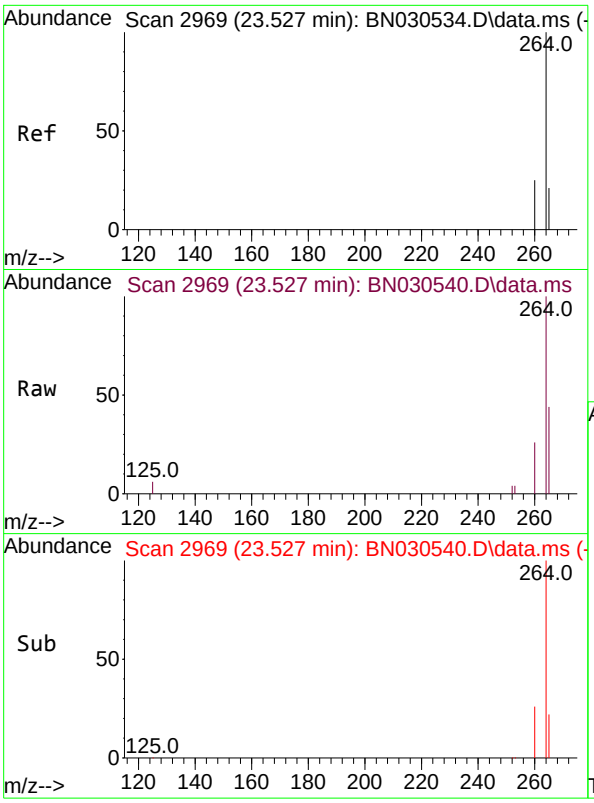


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.213 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:149 Resp: 3516

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.4	32.0
279	2.9	2.3	3.5



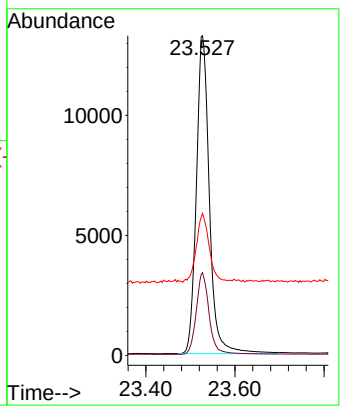


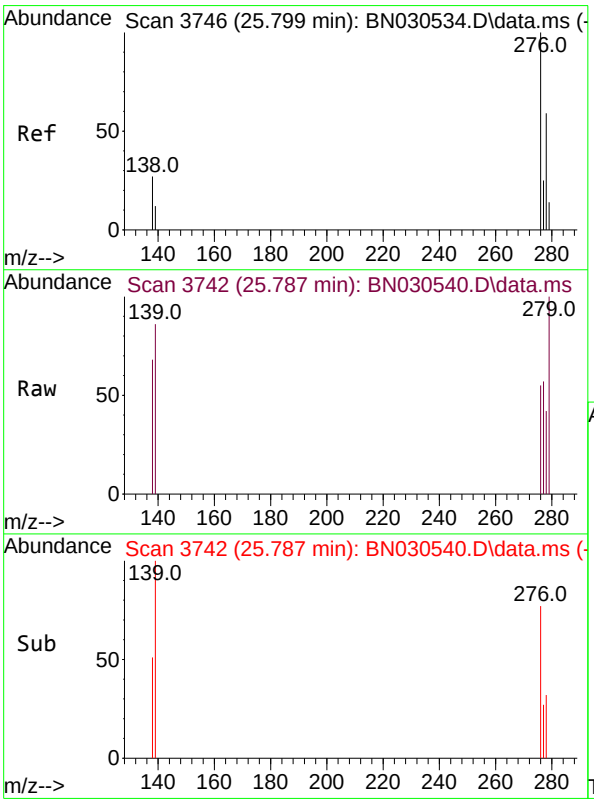
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.527 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 26981

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.6	30.8
265	44.4	41.8	62.8

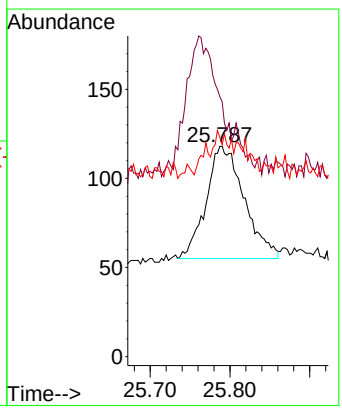


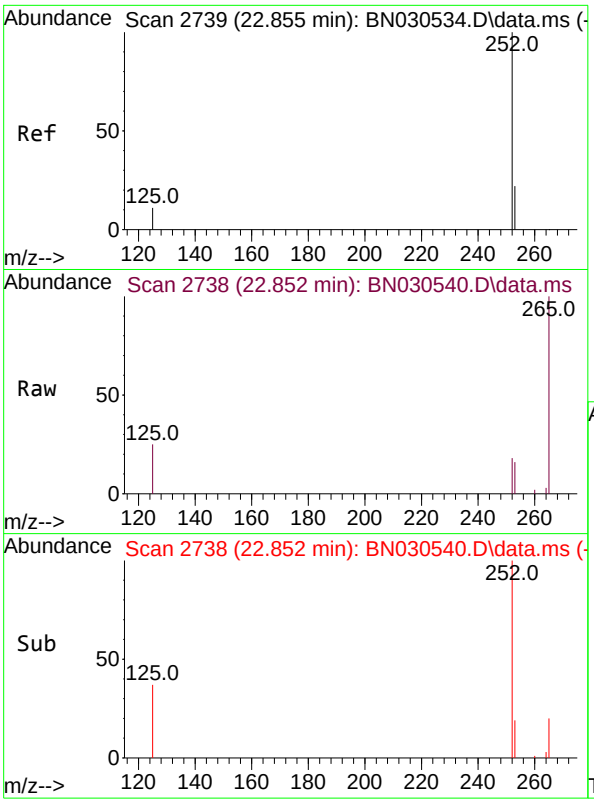


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 25.787 min Scan# 3742
Delta R.T. -0.012 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:276 Resp: 209

Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.0	34.4#
277	3.8	20.1	30.1#



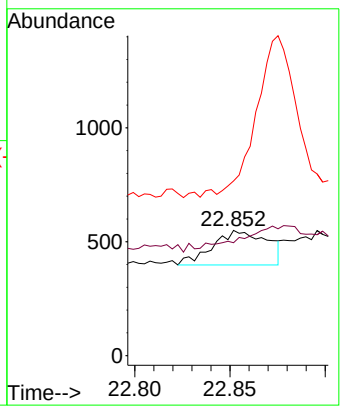


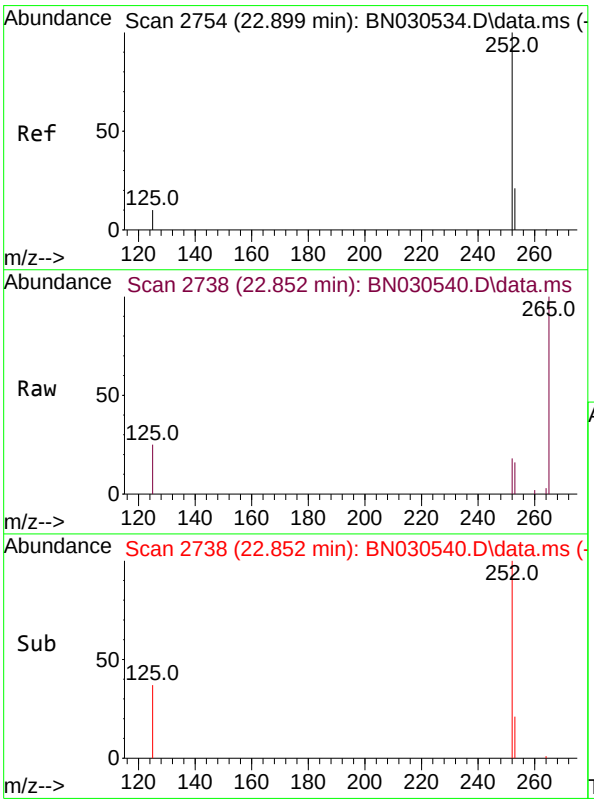
#37
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.852 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 302

Ion	Ratio	Lower	Upper
252	100		
253	90.2	19.2	28.8#
125	139.5	11.7	17.5#

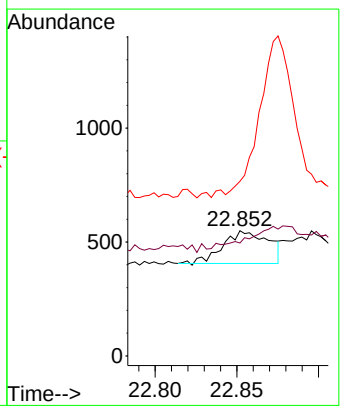


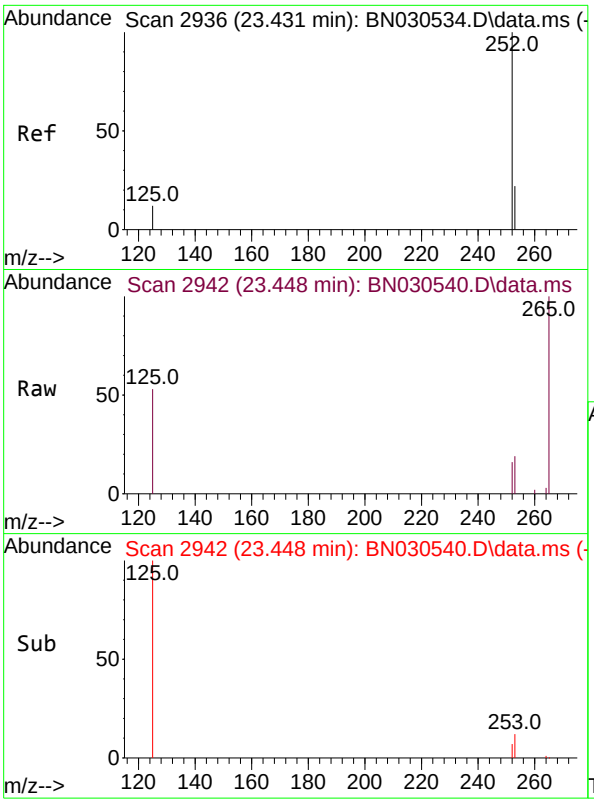


#38
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.852 min Scan# 2738
Delta R.T. -0.047 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:252 Resp: 278

Ion	Ratio	Lower	Upper
252	100		
253	90.2	18.9	28.3#
125	139.5	11.5	17.3#



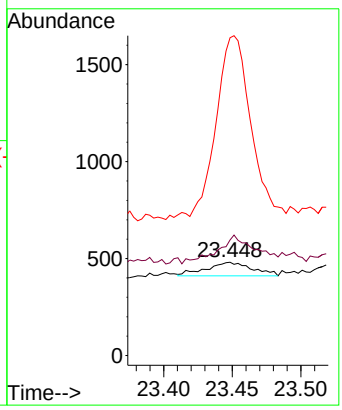


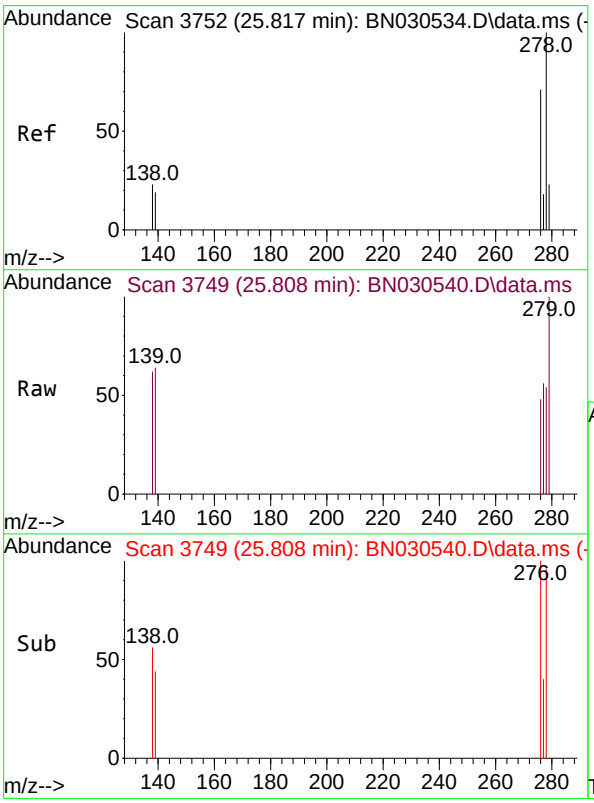
#39
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.448 min Scan# 29
Delta R.T. 0.017 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 162

Ion	Ratio	Lower	Upper
252	100		
253	123.9	20.0	30.0#
125	340.7	14.3	21.5#

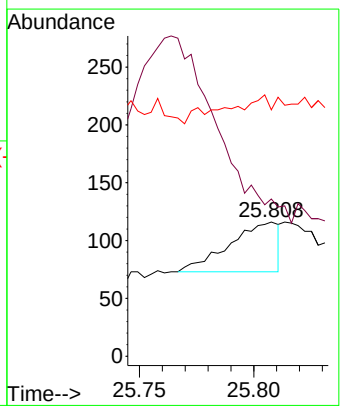


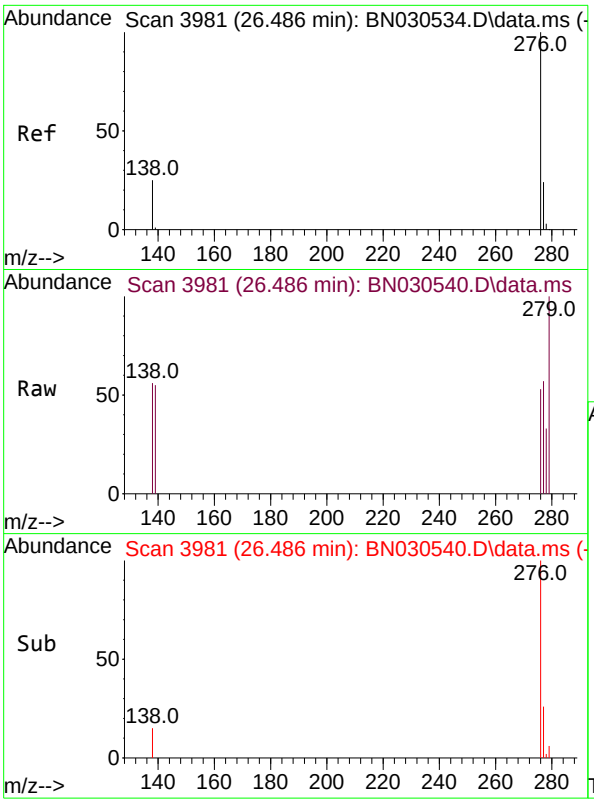


#40
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.808 min Scan# 3749
Delta R.T. -0.009 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Tgt Ion:278 Resp: 65

Ion	Ratio	Lower	Upper
278	100		
139	117.2	16.2	24.2#
279	183.6	20.6	30.8#





#41
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.486 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN030540.D
Acq: 29 Mar 2024 21:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 111

Ion	Ratio	Lower	Upper
276	100		
277	107.3	19.8	29.6#
138	105.5	20.6	31.0#