Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110824\
Data File : BN034909.D
Acq On : 08 Nov 2024 15:29
Operator : RC/JU
Sample : PB164705BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Quant Time: Nov 08 16:32:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 15:02:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	6255	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	17867	0.400	ng	0.00
13) Acenaphthene-d10	14.208	164	7947	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	15963	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	9019	0.400	ng	0.00
35) Perylene-d12	23.315	264	6770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	5431	0.312	ng	0.00
5) Phenol-d6	6.752	99	7335	0.317	ng	0.00
8) Nitrobenzene-d5	8.707	82	4586	0.329	ng	0.00
11) 2-Methylnaphthalene-d10	11.935	152	9605	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.698	330	611	0.301	ng	0.00
15) 2-Fluorobiphenyl	12.829	172	11409	0.340	ng	0.00
27) Fluoranthene-d10	18.990	212	11847	0.329	ng	0.00
31) Terphenyl-d14	19.598	244	6403	0.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.184	88	2247	0.284	ng	# 51
3) n-Nitrosodimethylamine	3.480	42	3623	0.340	ng	# 99
6) bis(2-Chloroethyl)ether	7.012	93	6846	0.343	ng	99
9) Naphthalene	10.383	128	16732	0.337	ng	99
10) Hexachlorobutadiene	10.682	225	2580	0.326	ng	# 98
12) 2-Methylnaphthalene	12.007	142	9903	0.326	ng	100
16) Acenaphthylene	13.919	152	12955	0.338	ng	100
17) Acenaphthene	14.272	154	8662	0.327	ng	100
18) Fluorene	15.255	166	10701	0.324	ng	100
20) 4,6-Dinitro-2-methylph...	15.341	198	457	0.330	ng	# 56
21) 4-Bromophenyl-phenylether	16.157	248	2716	0.319	ng	# 92
22) Hexachlorobenzene	16.269	284	3428	0.335	ng	99
23) Atrazine	16.431	200	1938	0.314	ng	95
24) Pentachlorophenol	16.604	266	1379	0.524	ng	96
25) Phenanthrene	16.989	178	17079	0.349	ng	99
26) Anthracene	17.076	178	14866	0.352	ng	100
28) Fluoranthene	19.018	202	16670	0.324	ng	99
30) Pyrene	19.380	202	16547	0.362	ng	100
32) Benzo(a)anthracene	21.131	228	12354	0.351	ng	100
33) Chrysene	21.185	228	13618	0.366	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	5786	0.287	ng	99
36) Indeno(1,2,3-cd)pyrene	25.470	276	10193	0.338	ng	98
37) Benzo(b)fluoranthene	22.669	252	11423	0.384	ng	98
38) Benzo(k)fluoranthene	22.713	252	11176	0.361	ng	99
39) Benzo(a)pyrene	23.219	252	8976	0.380	ng	99
40) Dibenzo(a,h)anthracene	25.488	278	7869	0.337	ng	98
41) Benzo(g,h,i)perylene	26.125	276	8331	0.336	ng	98

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

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Data File : BN034909.D
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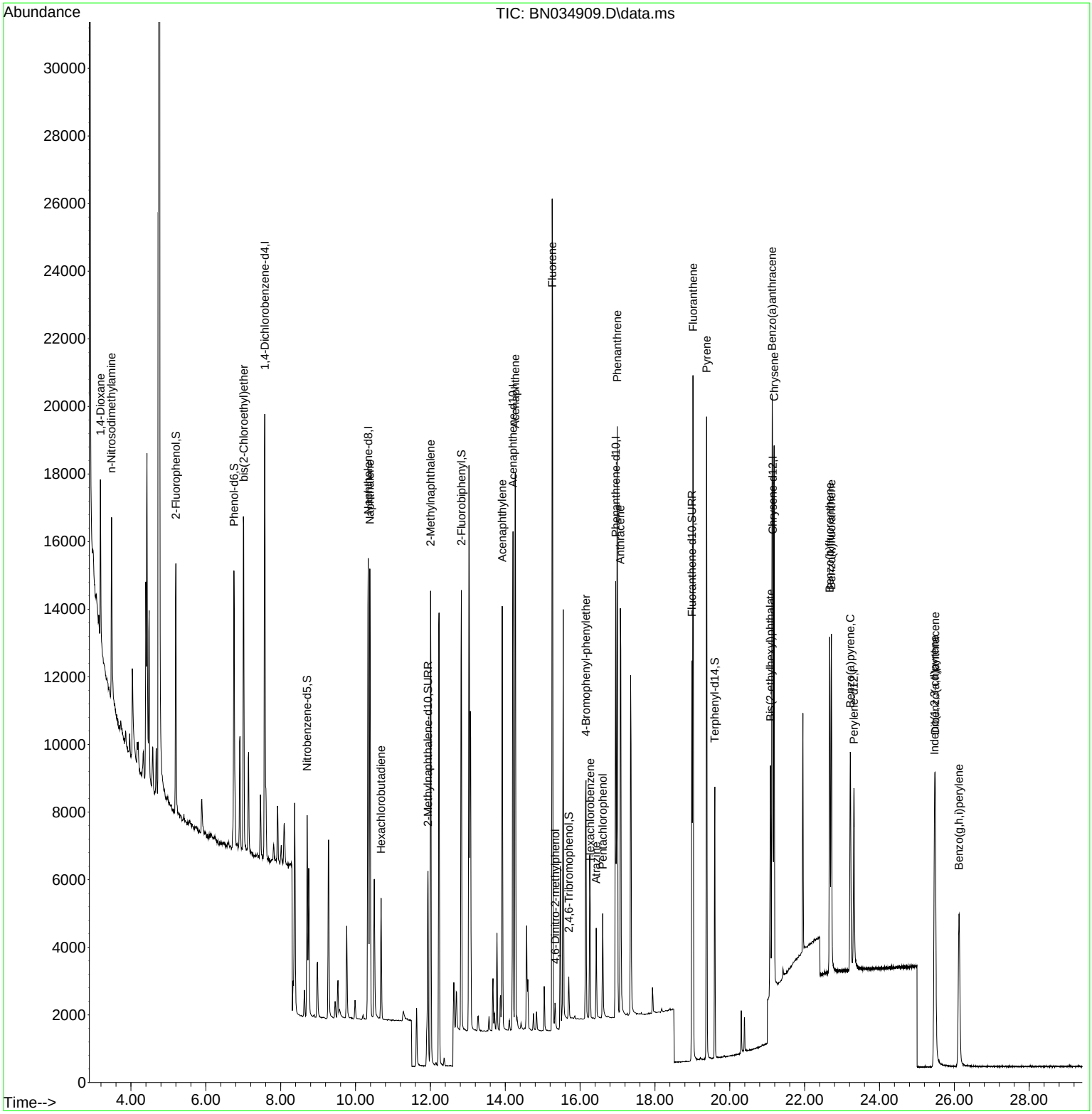
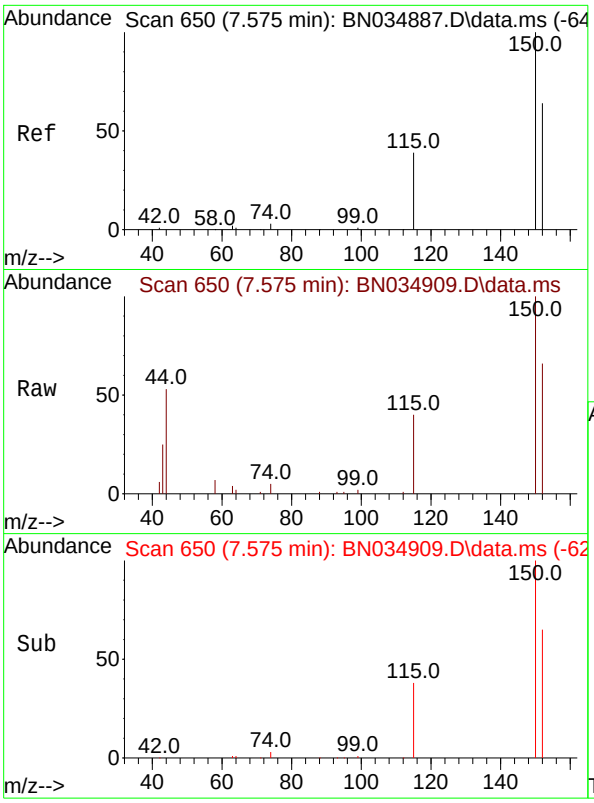
Operator : RC/JU
Sample : PB164705BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Quant Time: Nov 08 16:32:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 15:02:36 2024
Response via : Initial Calibration



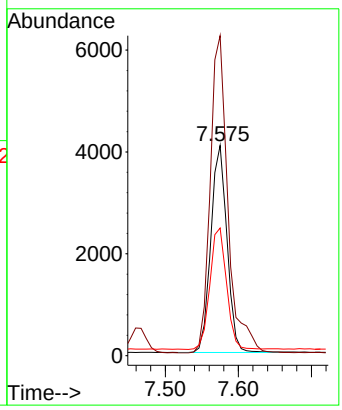


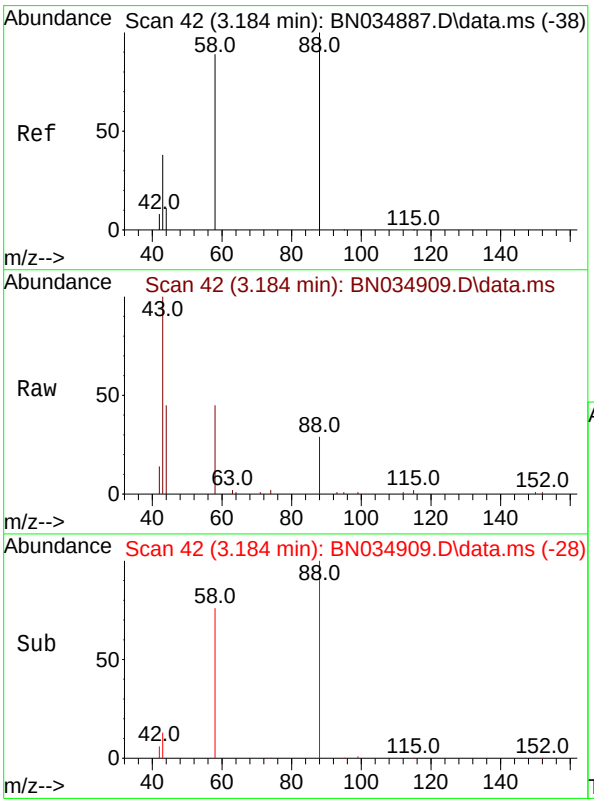
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:152 Resp: 6255

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.4	186.6
115	60.8	50.5	75.7

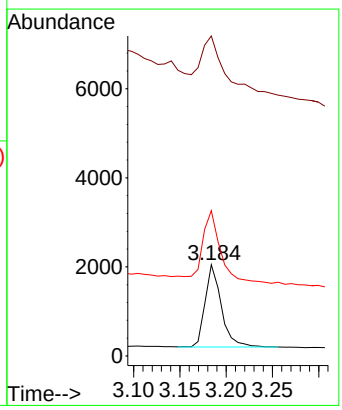


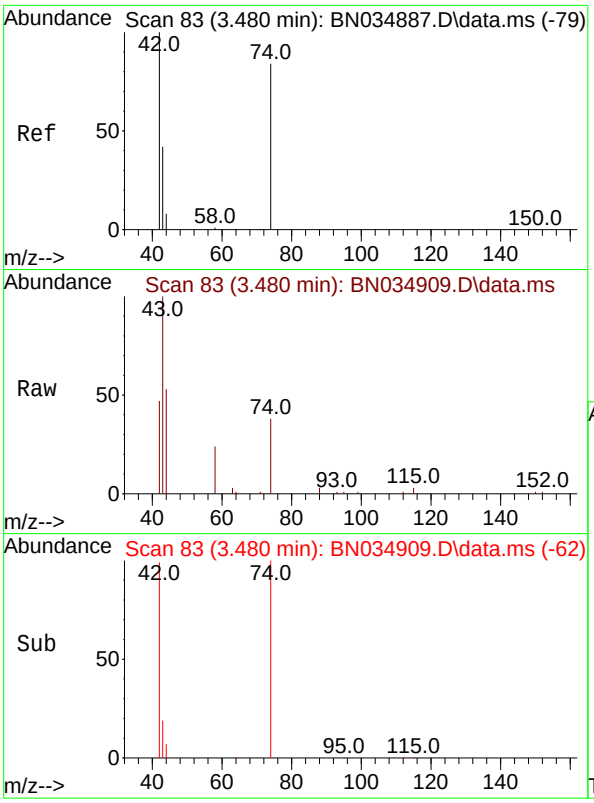


#2
1,4-Dioxane
Concen: 0.284 ng
RT: 3.184 min Scan# 42
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion: 88 Resp: 2247

Ion	Ratio	Lower	Upper
88	100		
43	106.9	28.2	42.2#
58	99.5	67.1	100.7



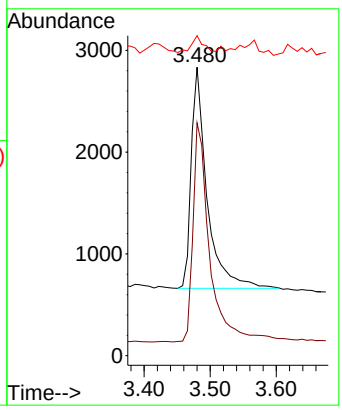


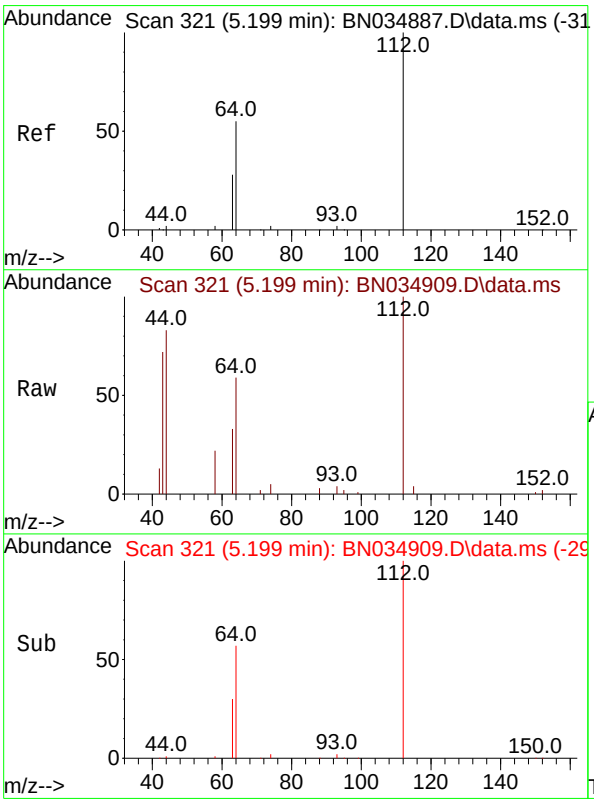
#3
n-Nitrosodimethylamine
Concen: 0.340 ng
RT: 3.480 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion: 42 Resp: 3623

Ion	Ratio	Lower	Upper
42	100		
74	104.3	83.4	125.2
44	7.2	8.6	12.8#

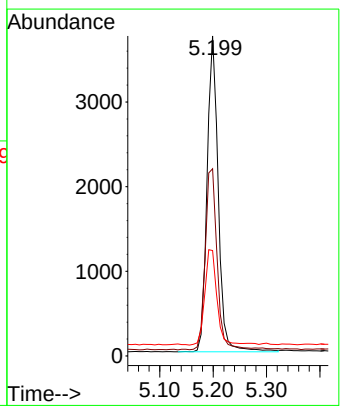


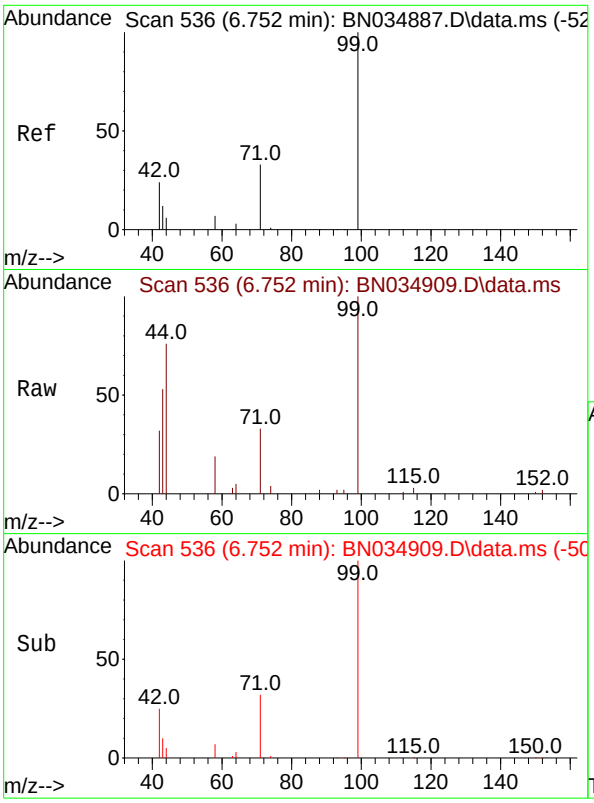


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:112 Resp: 5431

Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.6	74.4
63	32.6	26.3	39.5



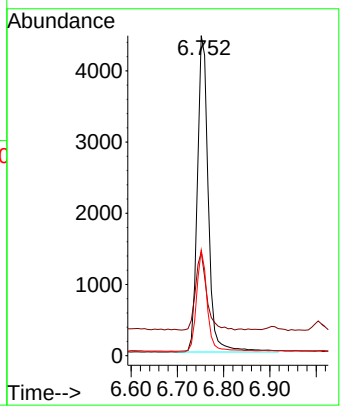


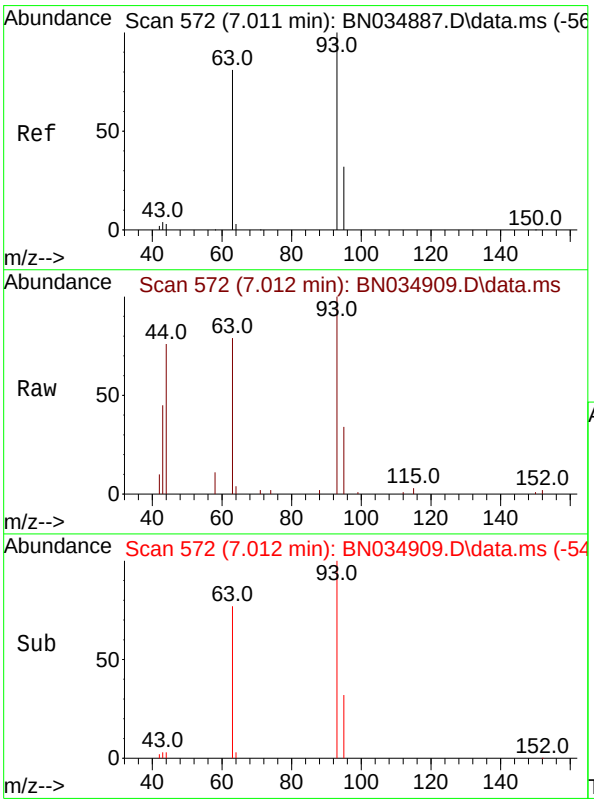
#5
Phenol-d6
Concen: 0.317 ng
RT: 6.752 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion: 99 Resp: 7335

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.2	30.2
71	31.0	25.4	38.0

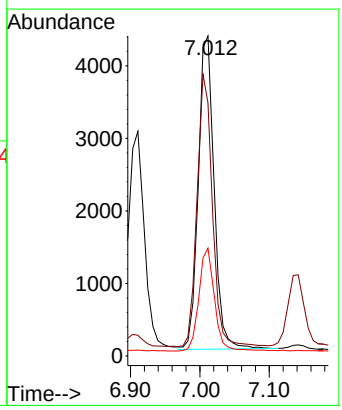


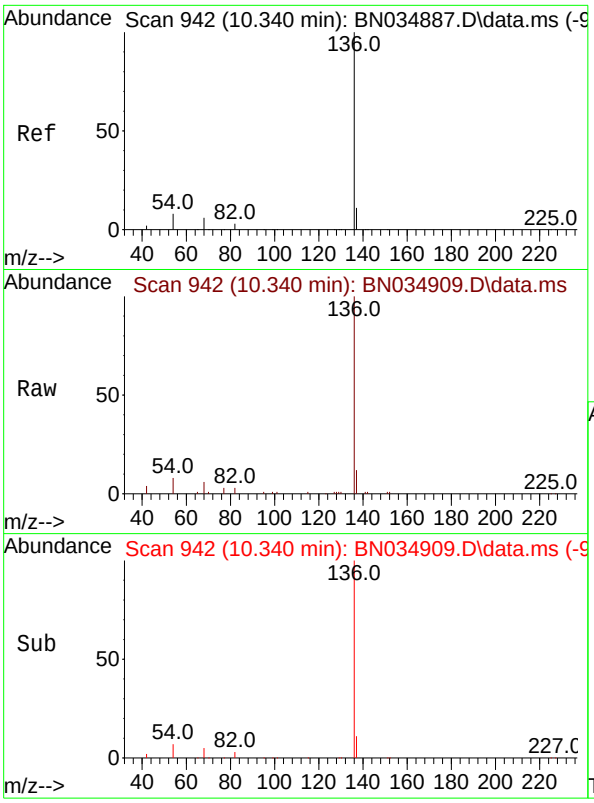


#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 7.012 min Scan# 572
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion: 93 Resp: 6846

Ion	Ratio	Lower	Upper
93	100		
63	83.9	67.5	101.3
95	32.4	25.7	38.5



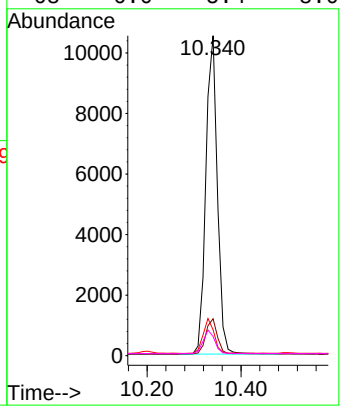


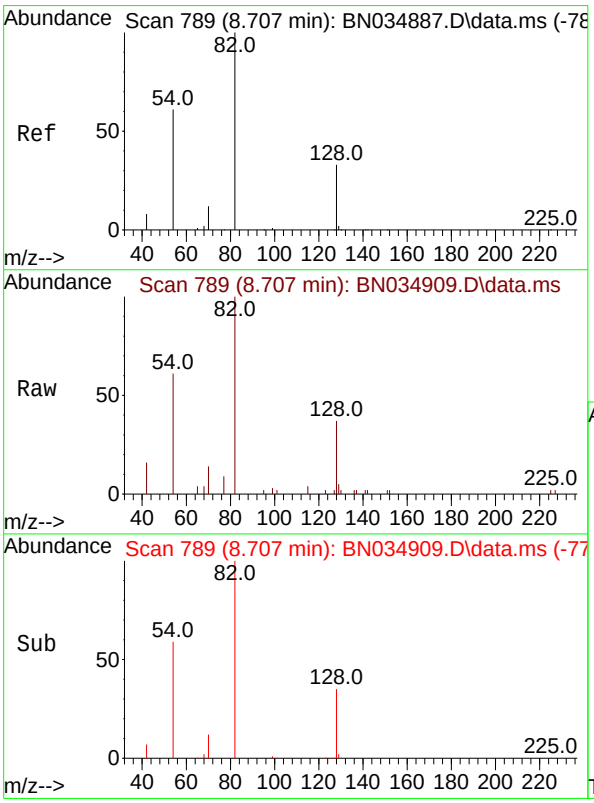
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:136 Resp: 17867

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.1	6.9	10.3
68	6.0	5.4	8.0

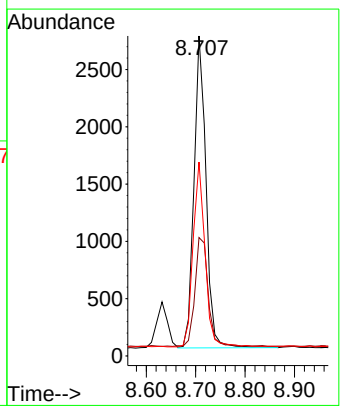


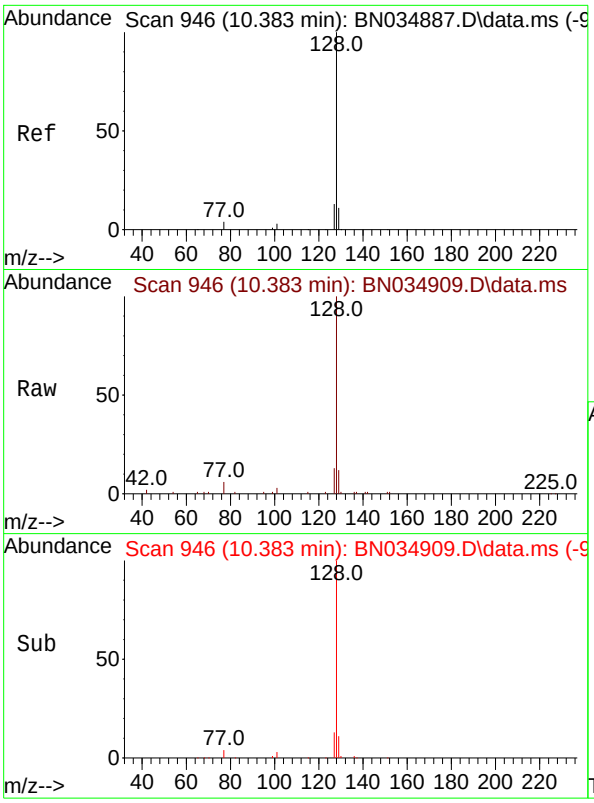


#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.707 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion: 82 Resp: 4586

Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.1	42.1
54	60.6	49.8	74.6



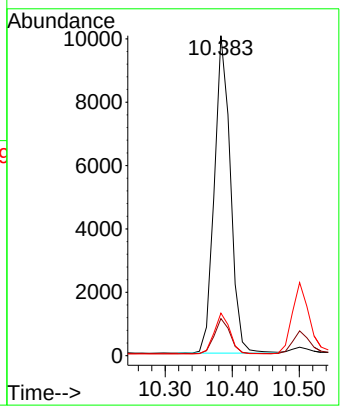


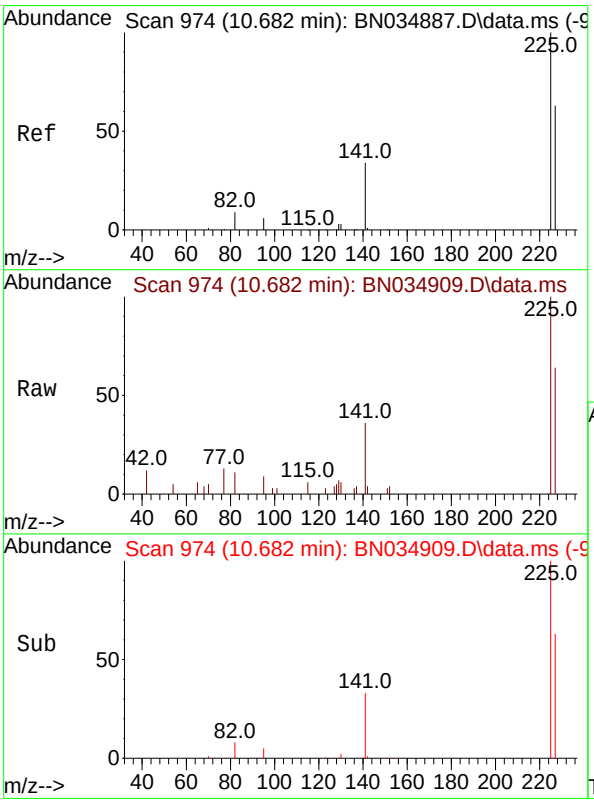
#9
Naphthalene
Concen: 0.337 ng
RT: 10.383 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:128 Resp: 16732

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.3	10.8	16.2

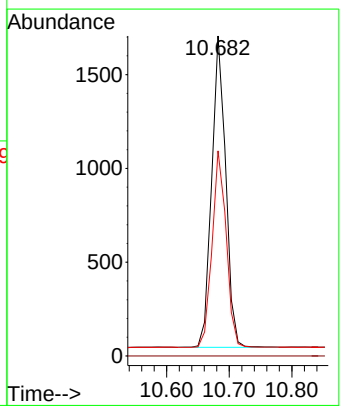


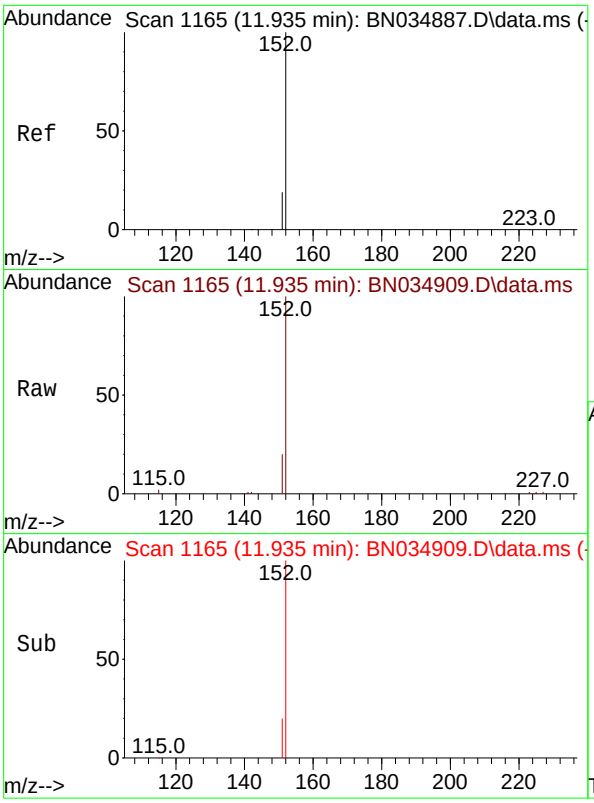


#10
Hexachlorobutadiene
Concen: 0.326 ng
RT: 10.682 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:225 Resp: 2580

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	52.0	78.0



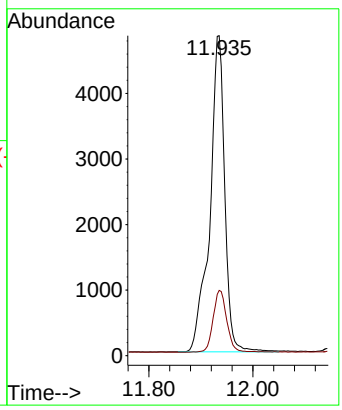


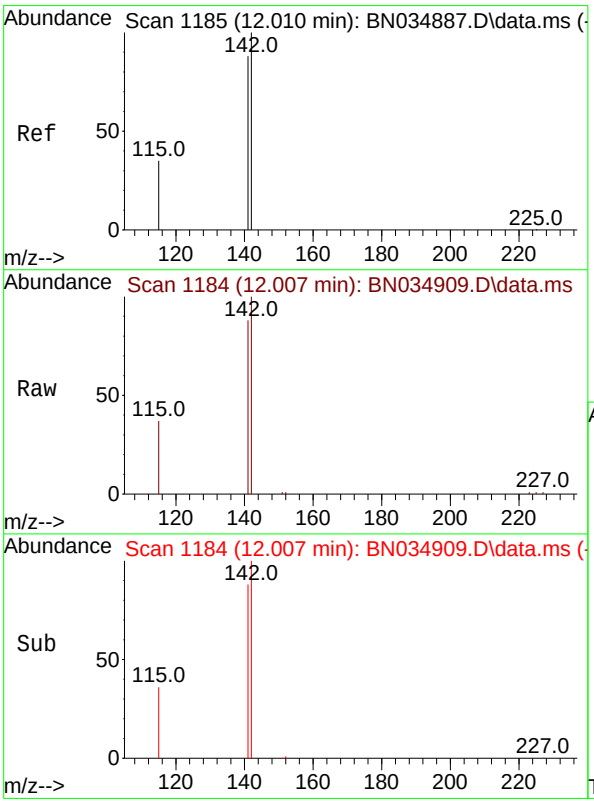
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 11.935 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:152 Resp: 9605

Ion	Ratio	Lower	Upper
152	100		
151	17.8	17.1	25.7

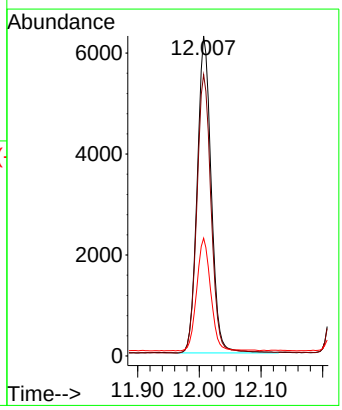


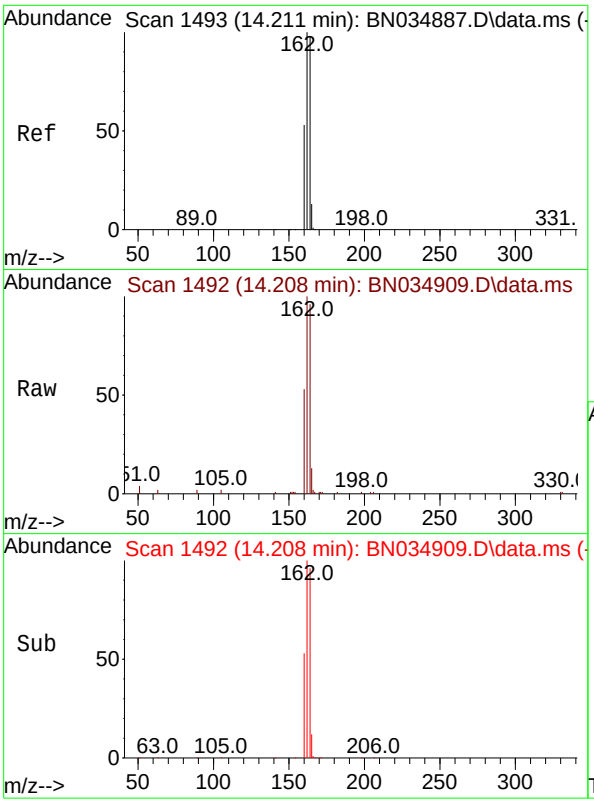


#12
2-Methylnaphthalene
Concen: 0.326 ng
RT: 12.007 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:142 Resp: 9903

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.5	105.7
115	36.8	29.4	44.2



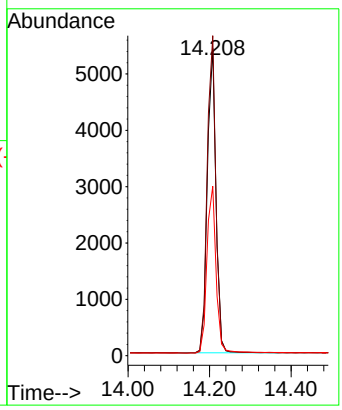


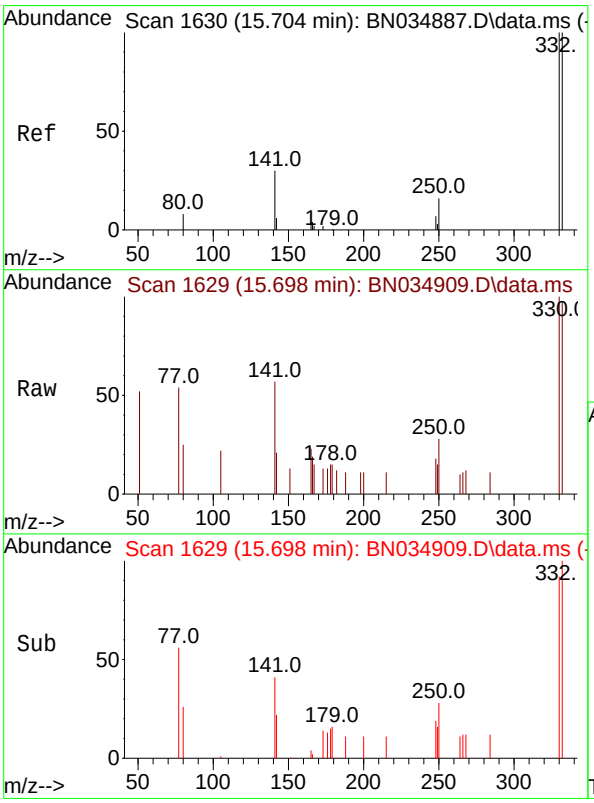
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.208 min Scan# 14
Delta R.T. -0.003 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:164 Resp: 7947

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.9	122.9
160	55.1	43.5	65.3

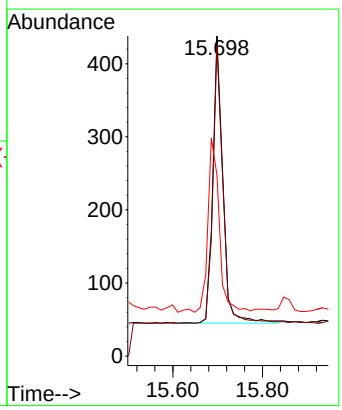


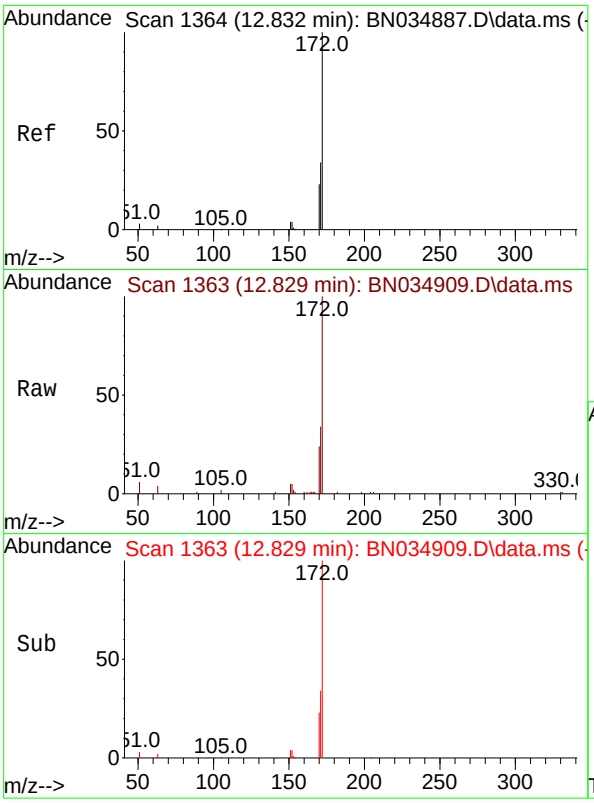


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.698 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:330 Resp: 611

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	65.1	54.1	81.1



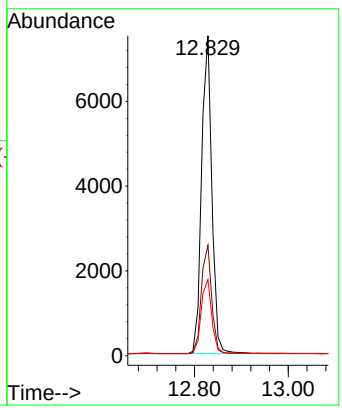


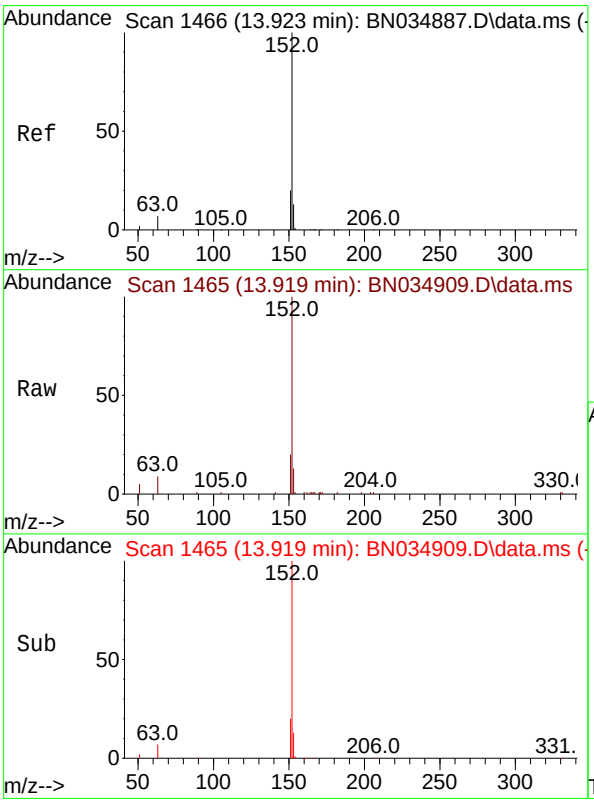
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.829 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:172 Resp: 11409

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.8	19.0	28.4

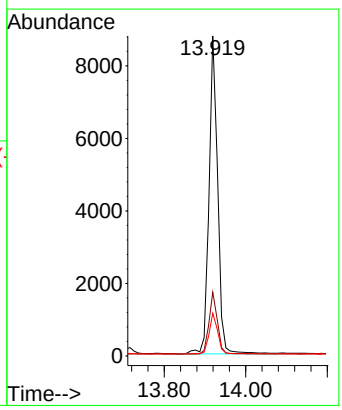


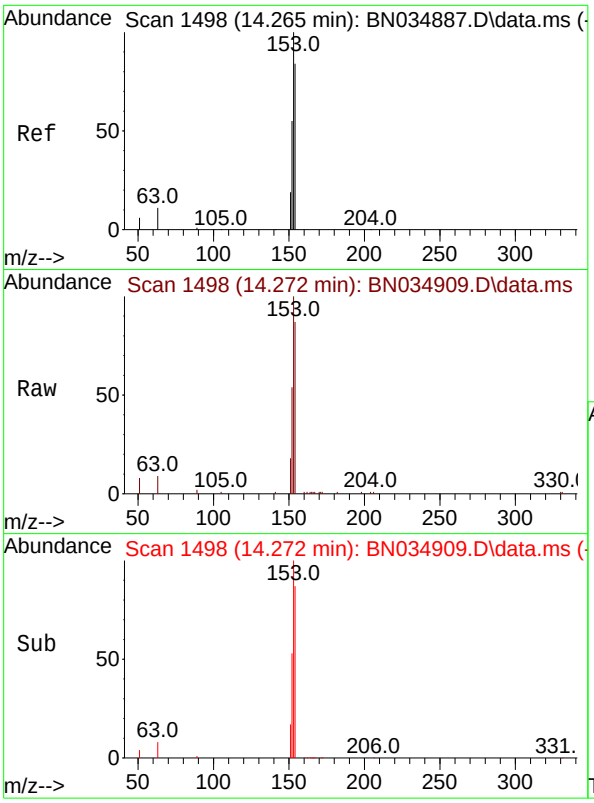


#16
Acenaphthylene
Concen: 0.338 ng
RT: 13.919 min Scan# 1465
Delta R.T. -0.004 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:152 Resp: 12955

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8
153	13.2	10.4	15.6



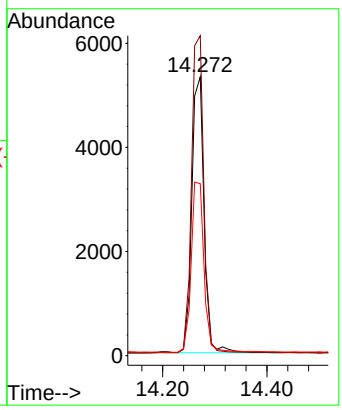


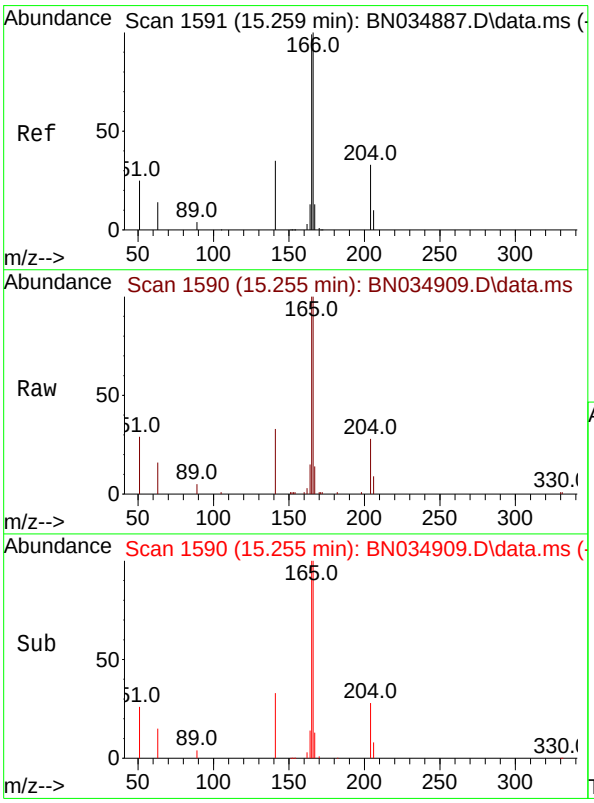
#17
Acenaphthene
Concen: 0.327 ng
RT: 14.272 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:154 Resp: 8662

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.2	138.2
152	64.5	51.1	76.7

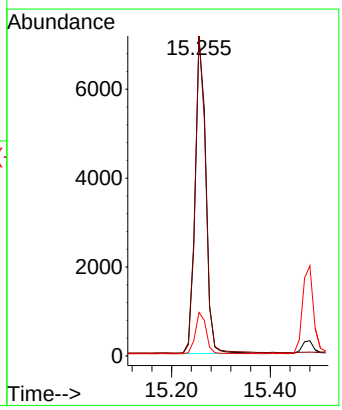


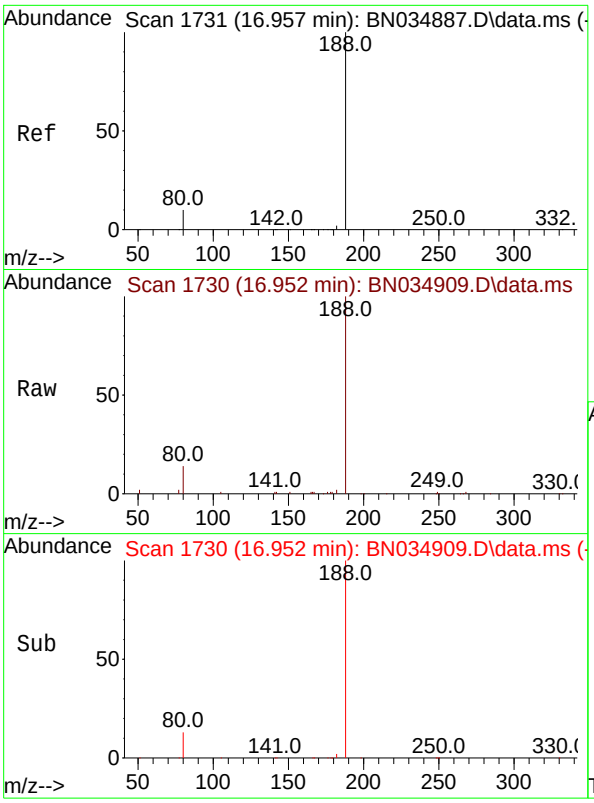


#18
Fluorene
Concen: 0.324 ng
RT: 15.255 min Scan# 1590
Delta R.T. -0.004 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:166 Resp: 10701

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.5	119.3
167	13.0	10.6	16.0



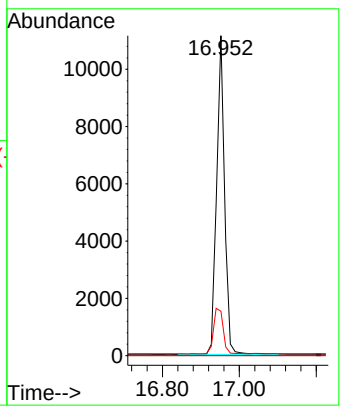


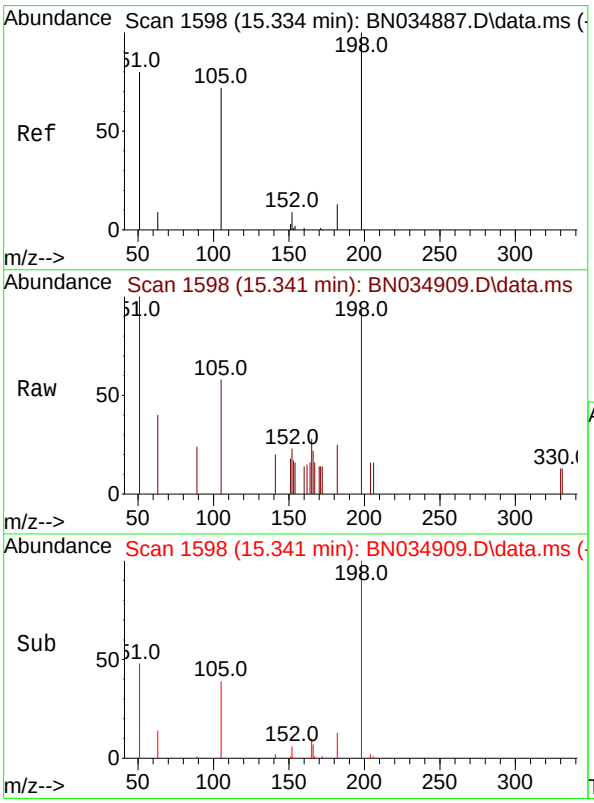
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:188 Resp: 15963

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	8.6	12.8#

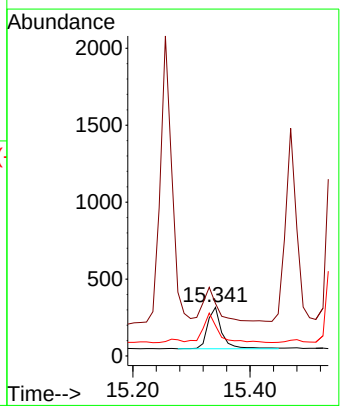


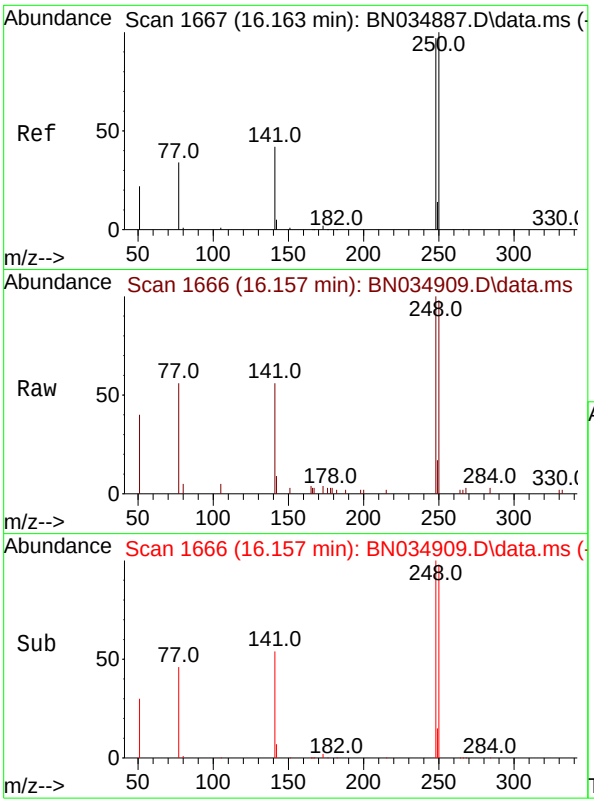


#20
4,6-Dinitro-2-methylphenol
Concen: 0.330 ng
RT: 15.341 min Scan# 1598
Delta R.T. 0.007 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:198 Resp: 457

Ion	Ratio	Lower	Upper
198	100		
51	107.6	141.8	212.8#
105	62.5	75.6	113.4#



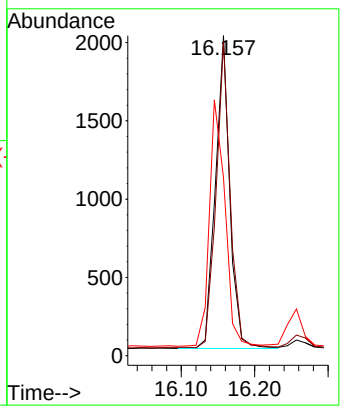


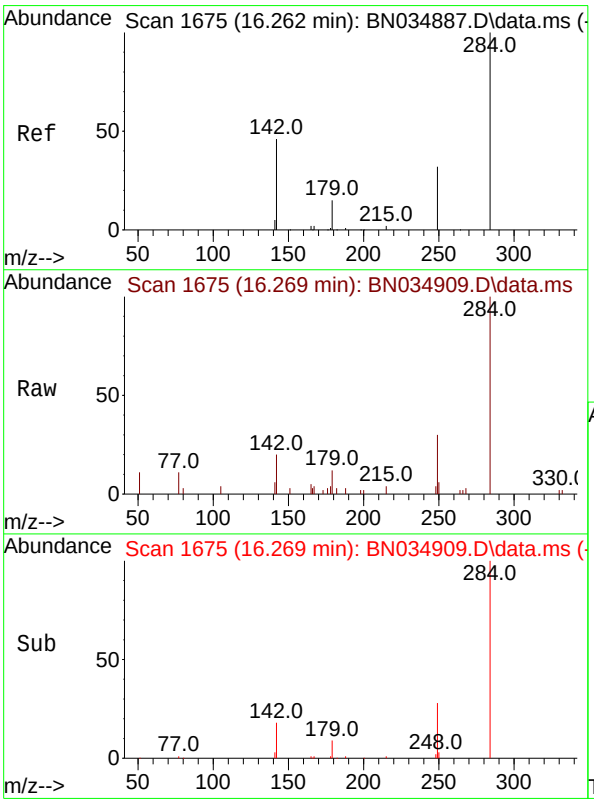
#21
4-Bromophenyl-phenylether
Concen: 0.319 ng
RT: 16.157 min Scan# 1(
Delta R.T. -0.005 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:248 Resp: 2716

Ion	Ratio	Lower	Upper
248	100		
250	98.1	82.2	123.4
141	55.7	36.2	54.2#

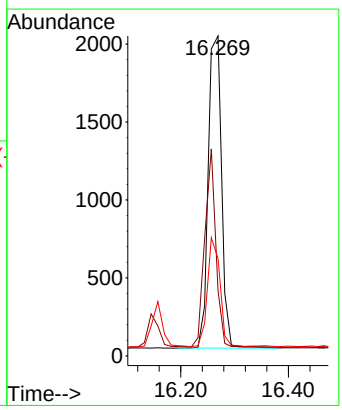


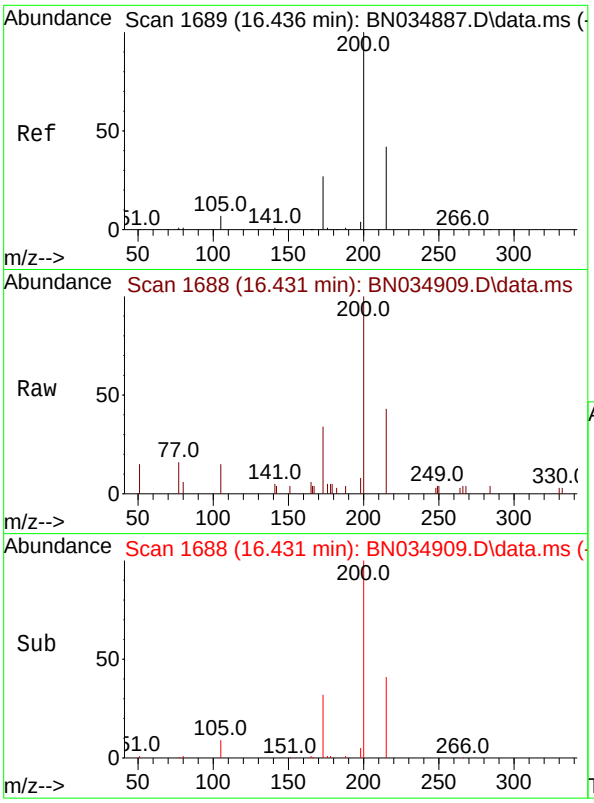


#22
Hexachlorobenzene
Concen: 0.335 ng
RT: 16.269 min Scan# 1675
Delta R.T. 0.007 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:284 Resp: 3428

Ion	Ratio	Lower	Upper
284	100		
142	53.3	43.4	65.2
249	32.8	25.8	38.6



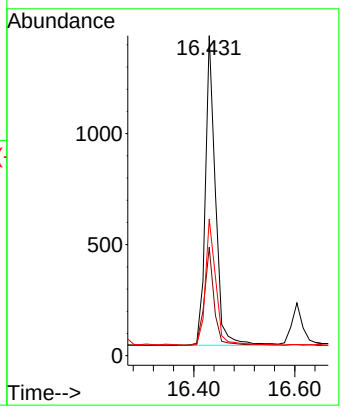


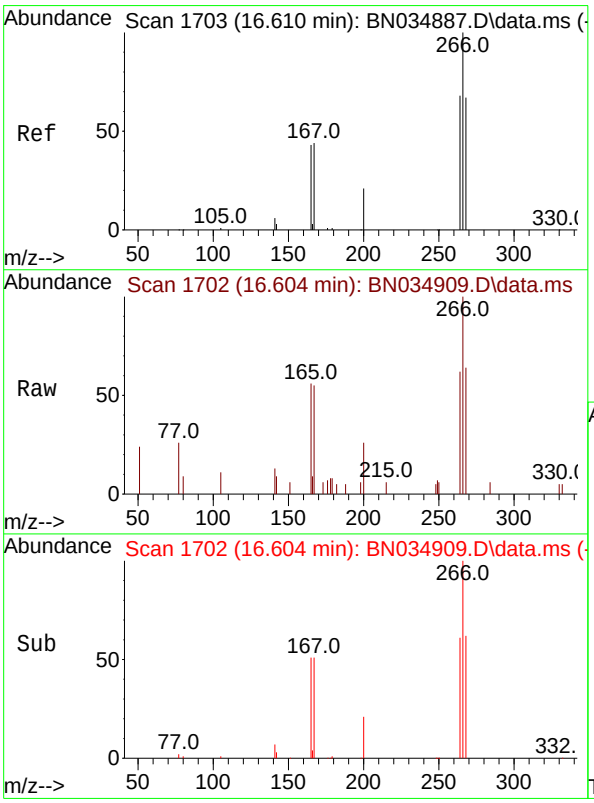
#23
Atrazine
Concen: 0.314 ng
RT: 16.431 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:200 Resp: 1938

Ion	Ratio	Lower	Upper
200	100		
173	33.9	23.4	35.2
215	42.7	35.4	53.0

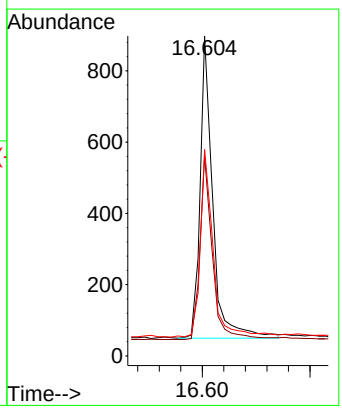


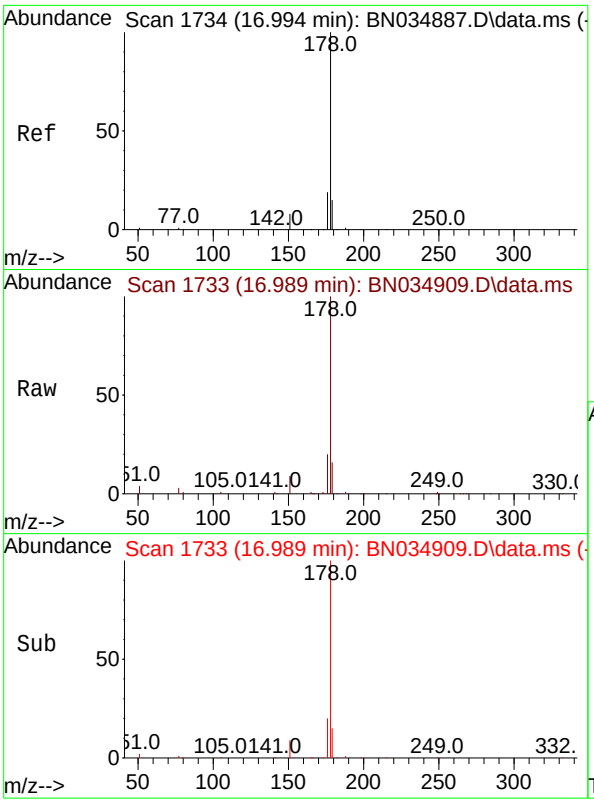


#24
Pentachlorophenol
Concen: 0.524 ng
RT: 16.604 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:266 Resp: 1379

Ion	Ratio	Lower	Upper
266	100		
264	59.9	51.3	76.9
268	63.5	53.0	79.6



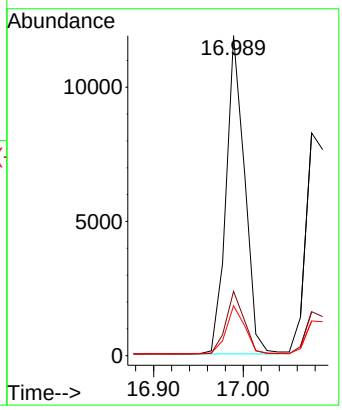


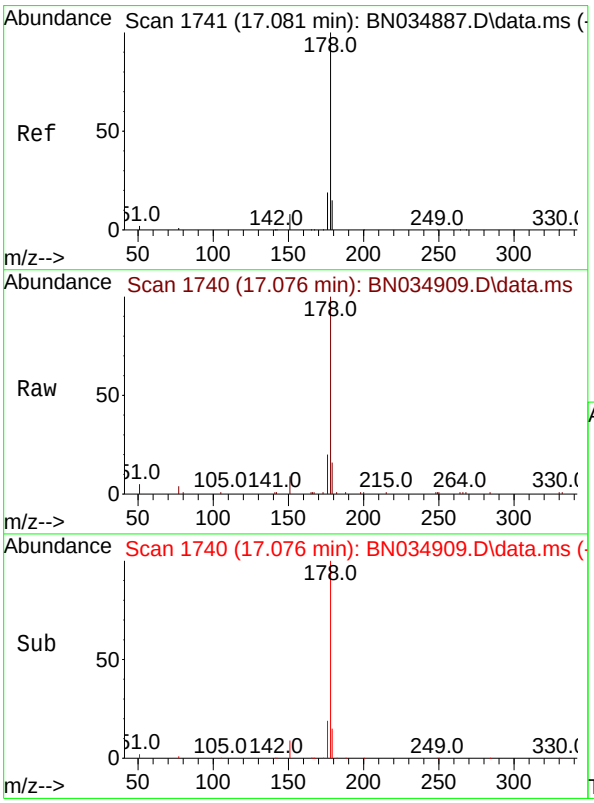
#25
Phenanthrene
Concen: 0.349 ng
RT: 16.989 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:178 Resp: 17079

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.4	12.2	18.2

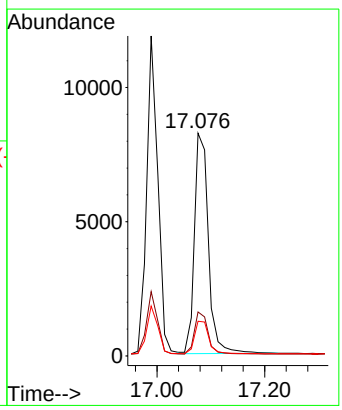


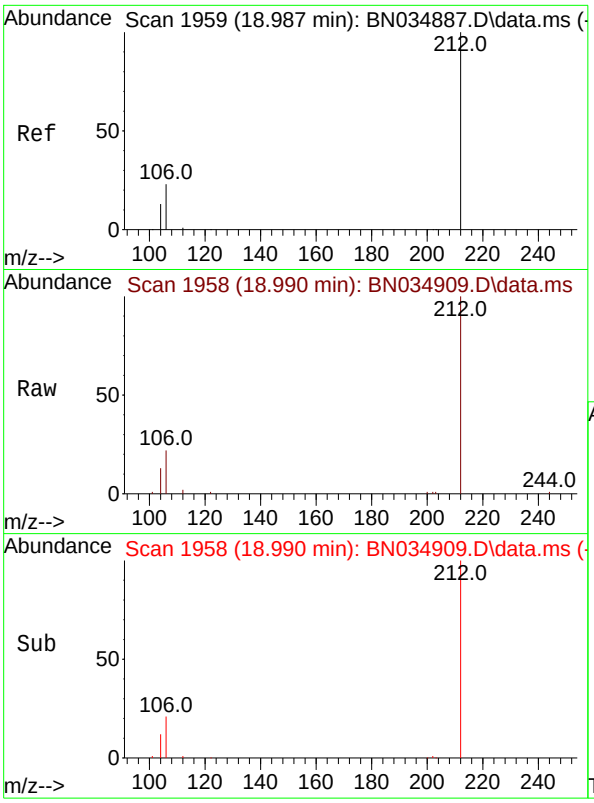


#26
Anthracene
Concen: 0.352 ng
RT: 17.076 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:178 Resp: 14866

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.1	12.1	18.1



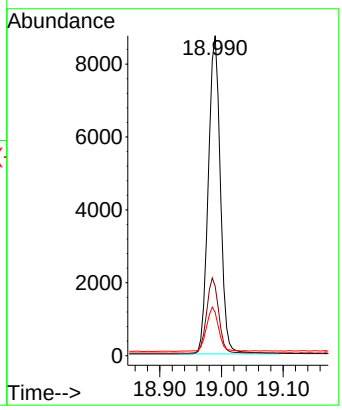


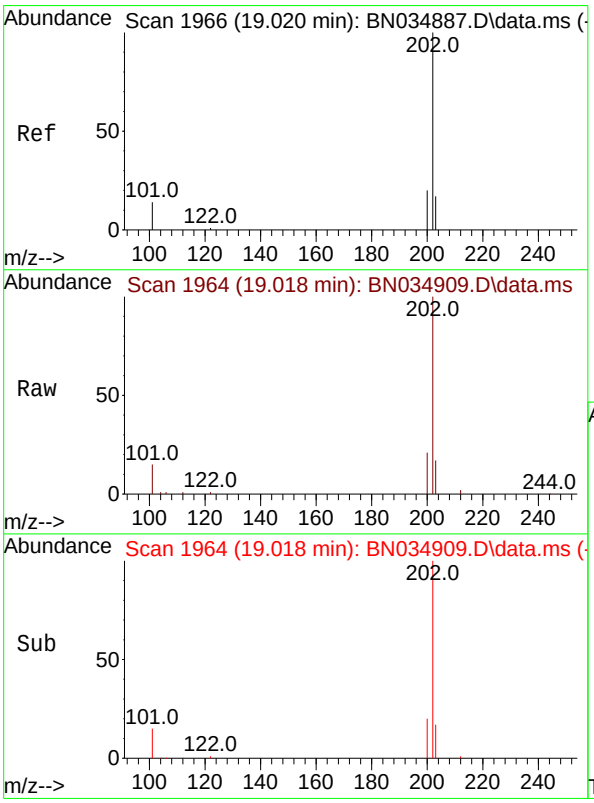
#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 18.990 min Scan# 1
Delta R.T. 0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:212 Resp: 11847

Ion	Ratio	Lower	Upper
212	100		
106	23.6	18.2	27.4
104	14.0	10.6	15.8

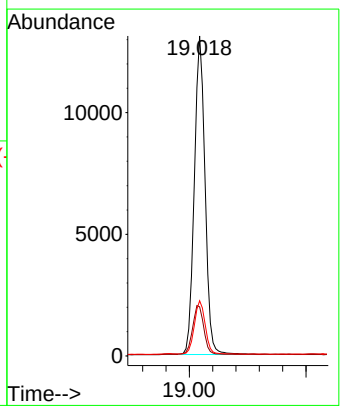


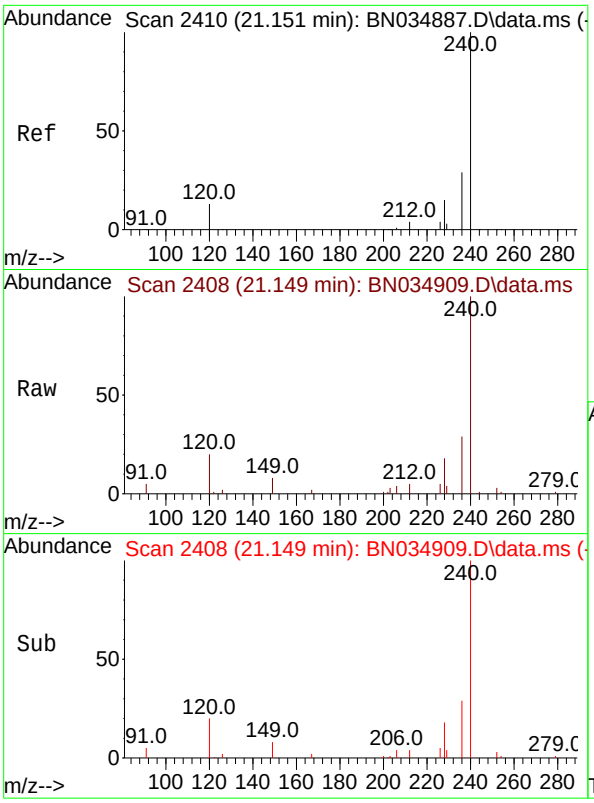


#28
Fluoranthene
Concen: 0.324 ng
RT: 19.018 min Scan# 1964
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:202 Resp: 16670

Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.7	19.1
203	16.9	13.7	20.5



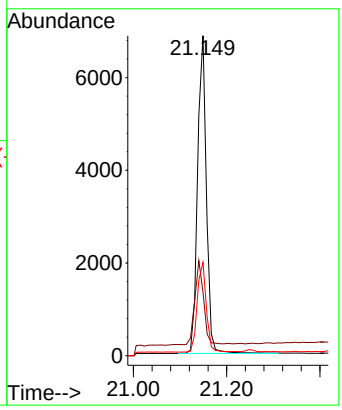


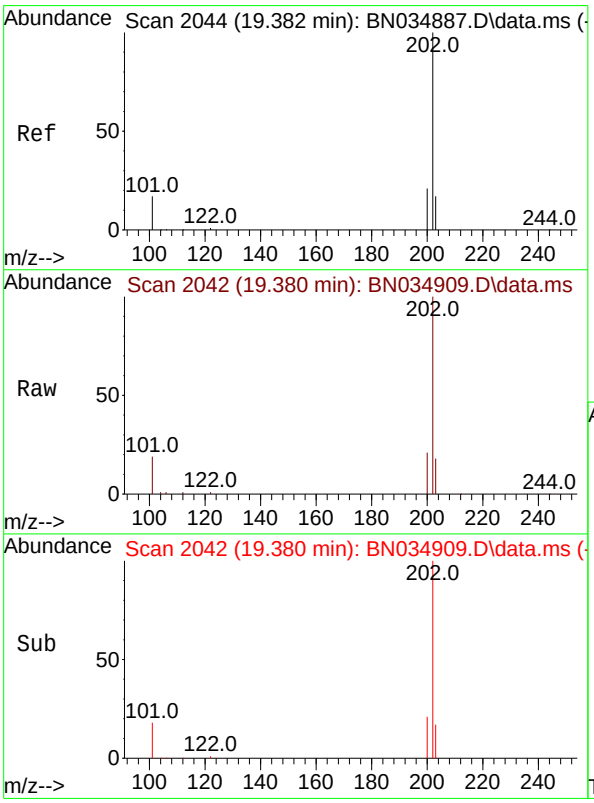
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.149 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:240 Resp: 9019

Ion	Ratio	Lower	Upper
240	100		
120	19.8	13.8	20.8
236	29.1	23.8	35.6

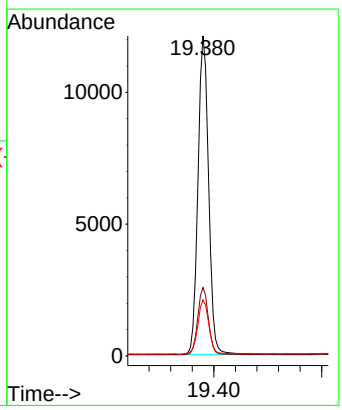


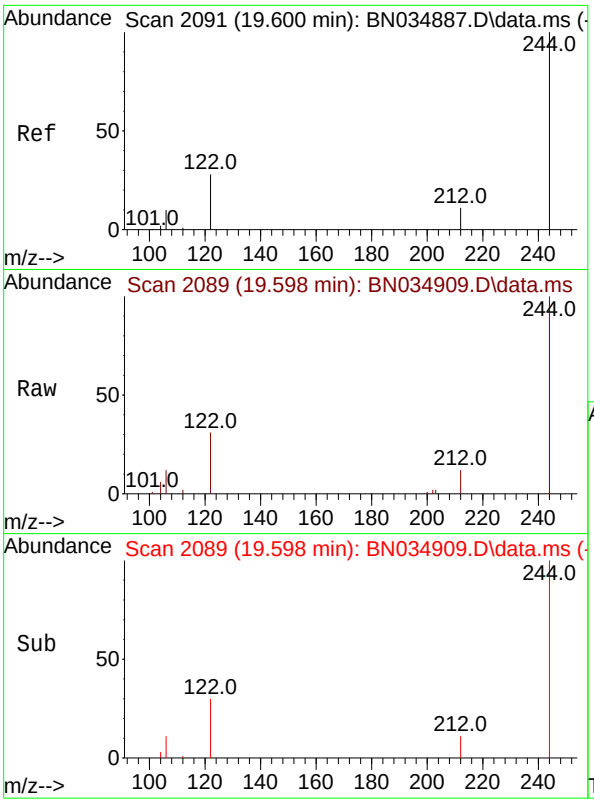


#30
Pyrene
Concen: 0.362 ng
RT: 19.380 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:202 Resp: 16547

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.6	14.1	21.1



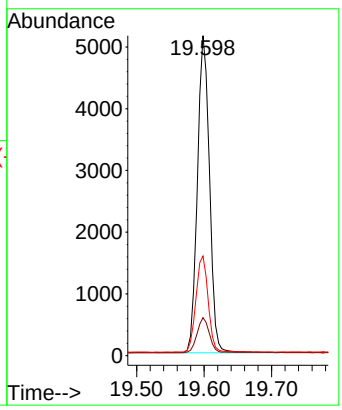


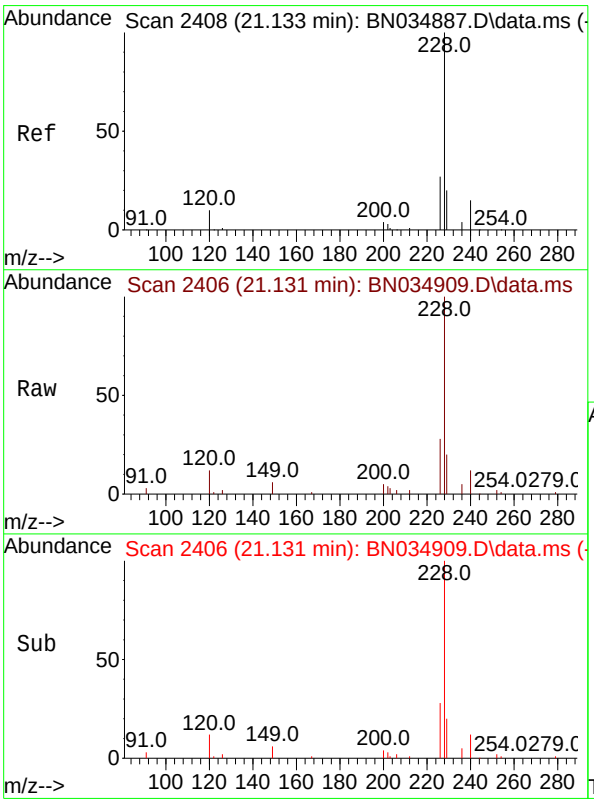
#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.598 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:244 Resp: 6403

Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.4	14.0
122	31.2	23.0	34.4

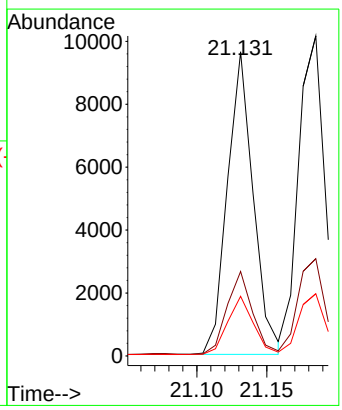


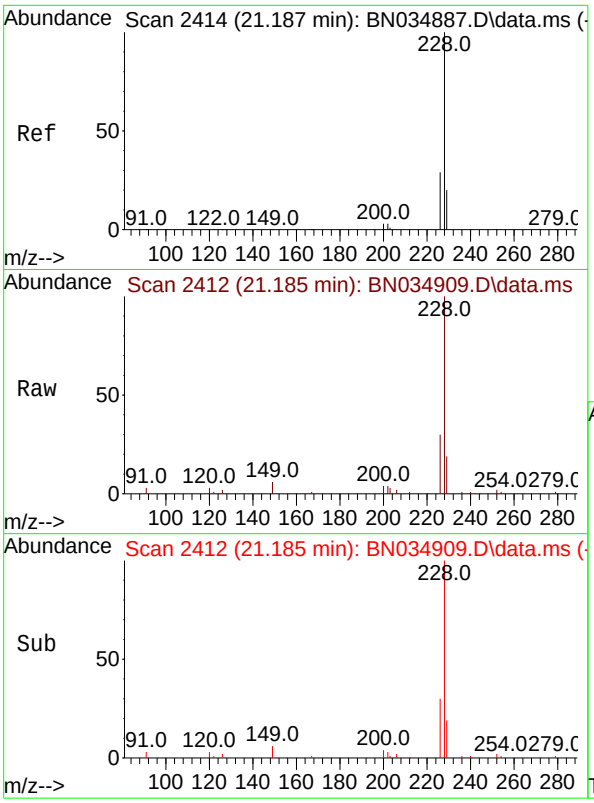


#32
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.131 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:228 Resp: 12354

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	19.6	16.0	24.0



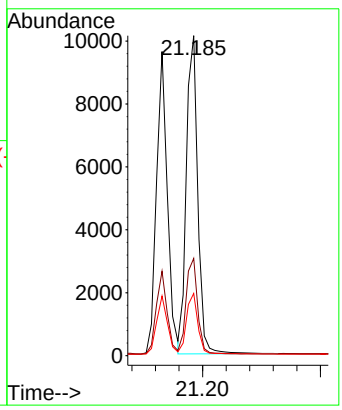


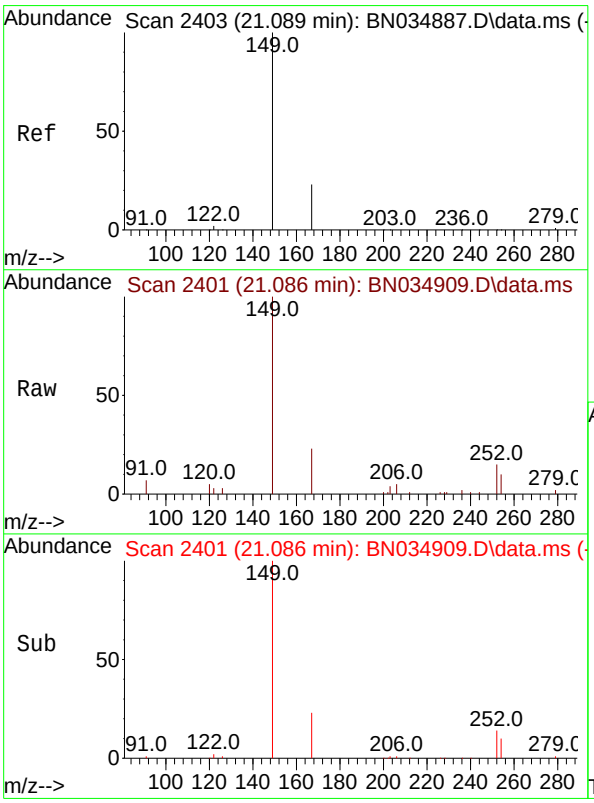
#33
Chrysene
Concen: 0.366 ng
RT: 21.185 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:228 Resp: 13618

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	19.4	16.3	24.5

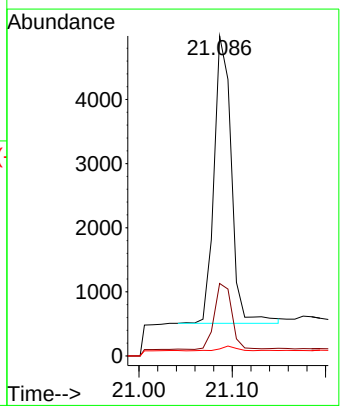


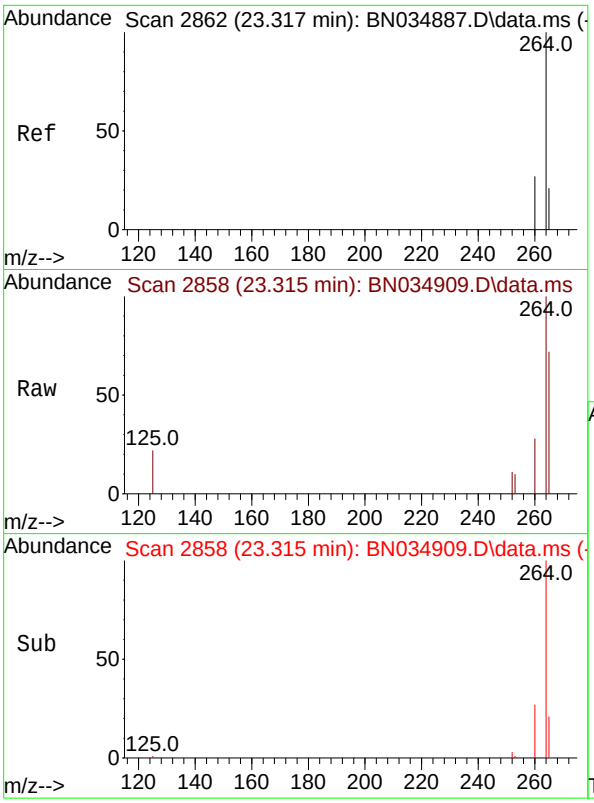


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.287 ng
RT: 21.086 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:149 Resp: 5786

Ion	Ratio	Lower	Upper
149	100		
167	23.2	18.1	27.1
279	1.5	1.2	1.8



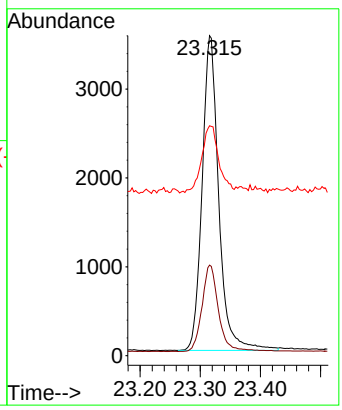


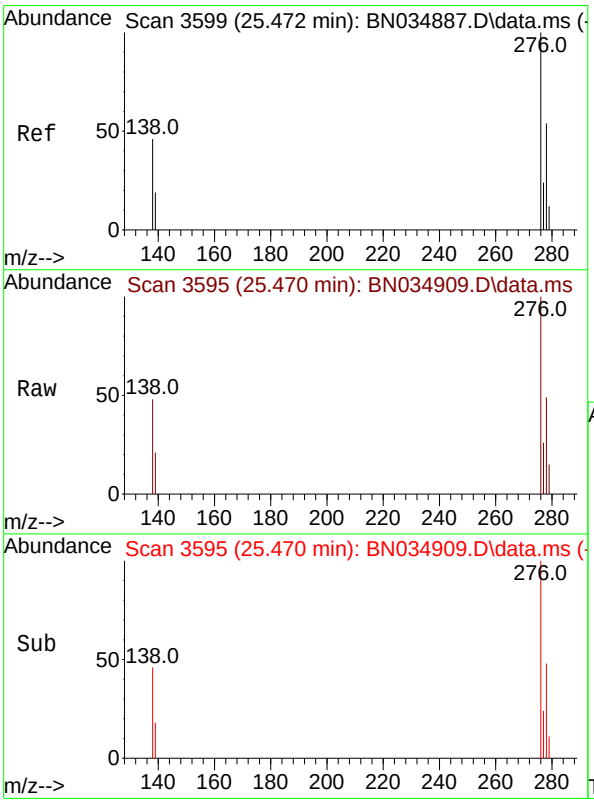
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.315 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:264 Resp: 6770

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.2	33.2
265	71.8	60.9	91.3

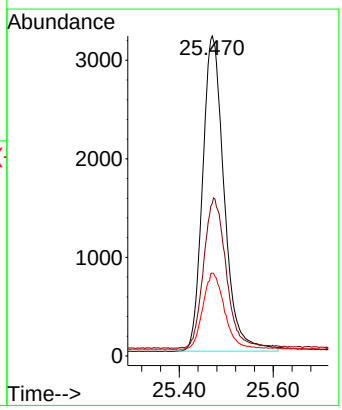


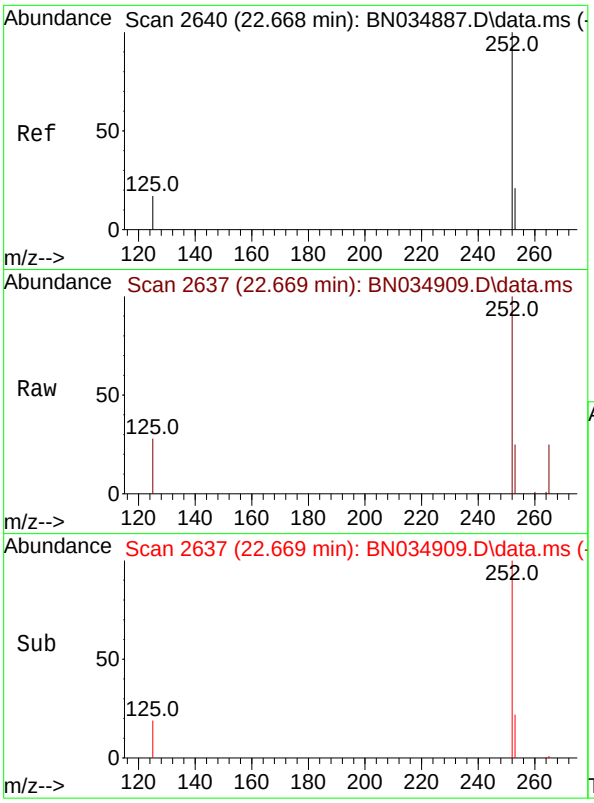


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng
RT: 25.470 min Scan# 3595
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:276 Resp: 10193

Ion	Ratio	Lower	Upper
276	100		
138	49.8	38.4	57.6
277	24.2	19.4	29.2



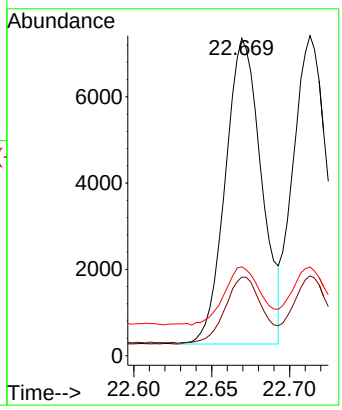


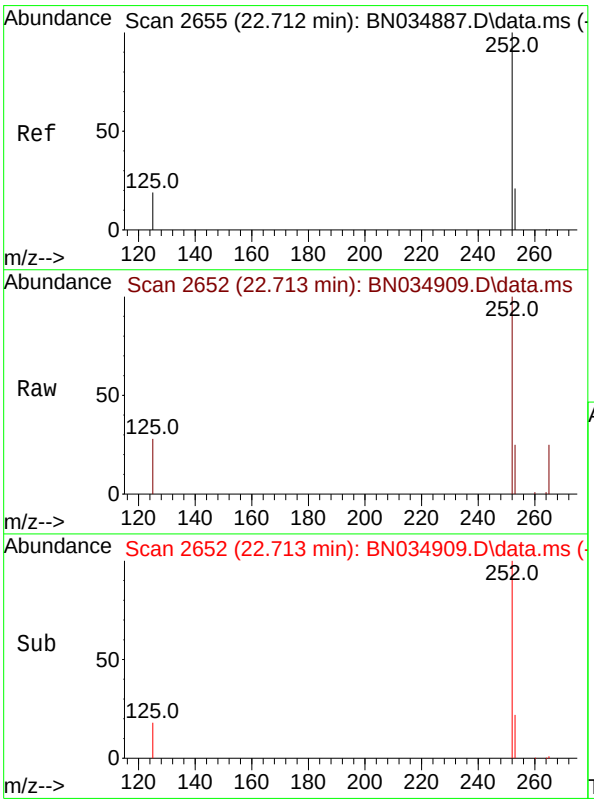
#37
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 22.669 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:252 Resp: 11423

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.2
125	27.9	21.4	32.2

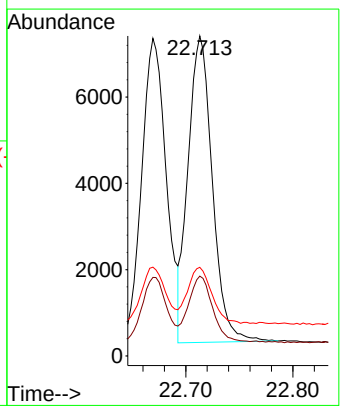


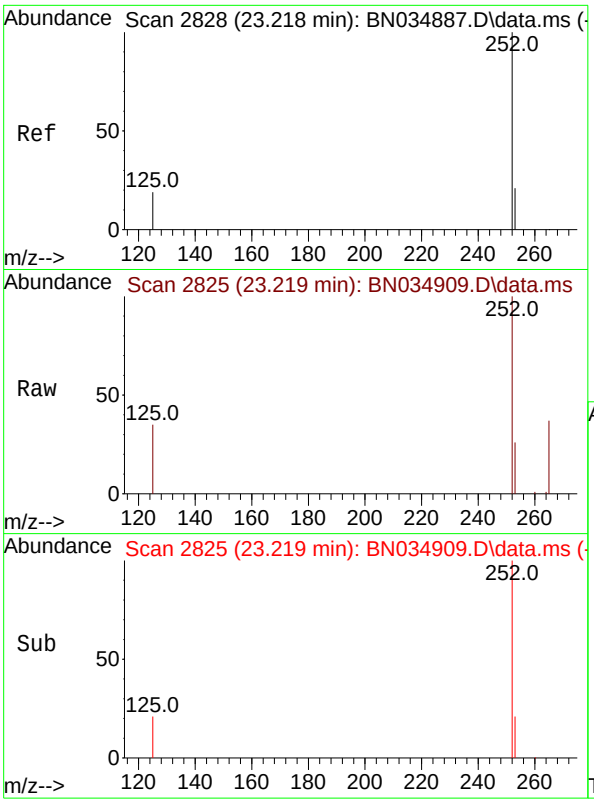


#38
Benzo(k)fluoranthene
Concen: 0.361 ng
RT: 22.713 min Scan# 2652
Delta R.T. 0.001 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:252 Resp: 11176

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.8	29.8
125	27.7	22.6	33.8



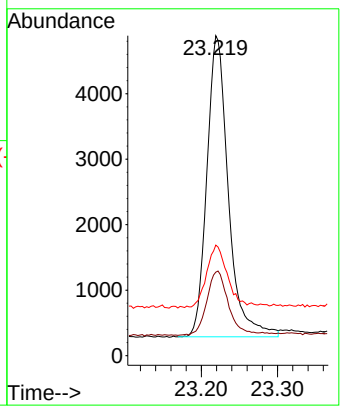


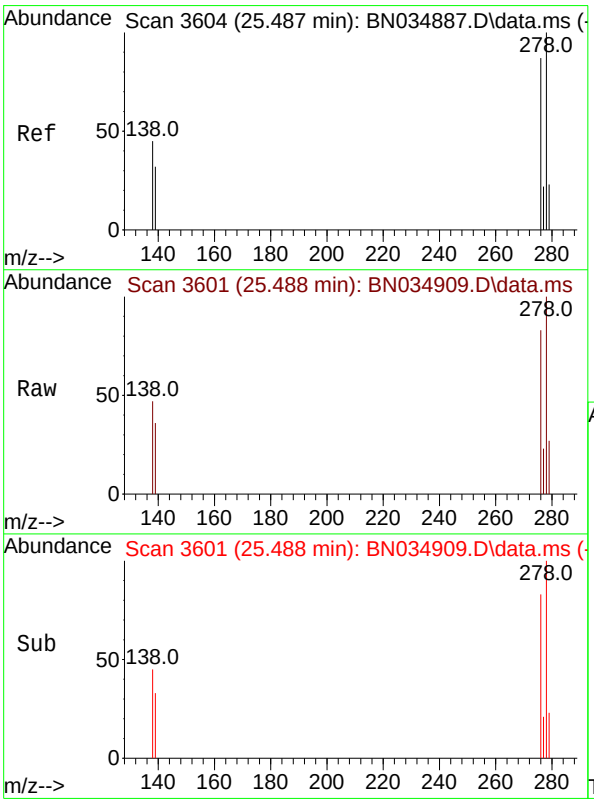
#39
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.219 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:252 Resp: 8976

Ion	Ratio	Lower	Upper
252	100		
253	26.1	21.4	32.2
125	34.5	27.8	41.6

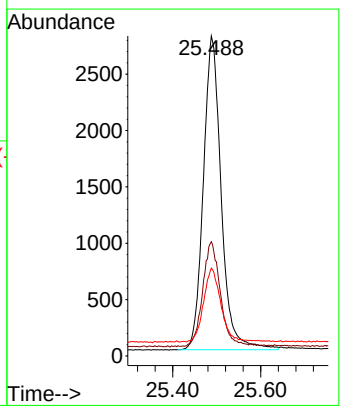


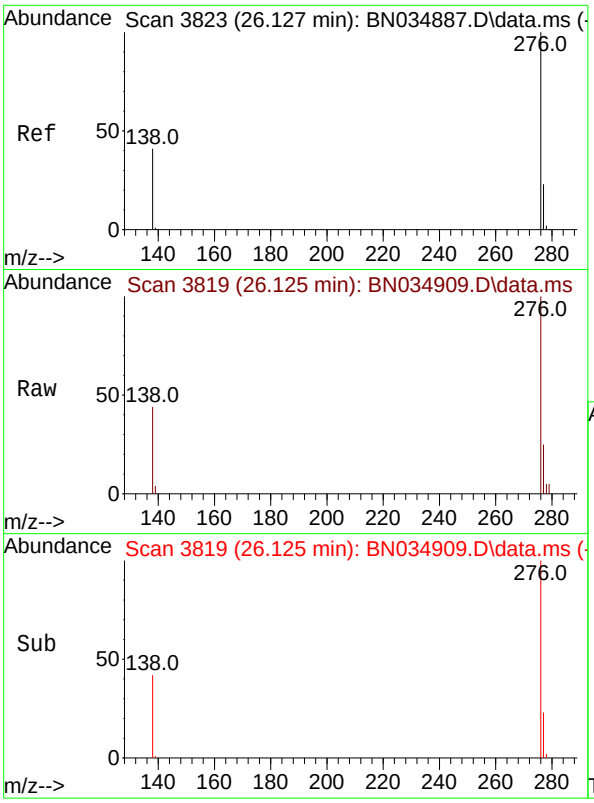


#40
Dibenzo(a,h)anthracene
Concen: 0.337 ng
RT: 25.488 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Tgt Ion:278 Resp: 7869

Ion	Ratio	Lower	Upper
278	100		
139	35.7	27.2	40.8
279	27.5	21.4	32.0





#41
Benzo(g,h,i)perylene
Concen: 0.336 ng
RT: 26.125 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN034909.D
Acq: 08 Nov 2024 15:29

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Tgt Ion:276 Resp: 8331

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.2	30.2
138	44.3	33.9	50.9