Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033038.D
Acq On : 27 Jul 2024 18:26
Operator : MA/JU
Sample : PB162294BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Quant Time: Jul 29 01:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	2295	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	8545	0.400	ng	0.02
13) Acenaphthene-d10	14.158	164	5991	0.400	ng	-0.02
19) Phenanthrene-d10	16.945	188	13162	0.400	ng	0.00
29) Chrysene-d12	21.160	240	12950	0.400	ng	# 0.00
35) Perylene-d12	23.347	264	14747	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1912	0.329	ng	0.04
5) Phenol-d6	6.867	99	2732	0.379	ng	0.09
8) Nitrobenzene-d5	8.813	82	2147	0.334	ng	0.08
11) 2-Methylnaphthalene-d10	11.927	152	5205	0.398	ng	0.01
14) 2,4,6-Tribromophenol	15.728	330	873	0.341	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	7730	0.347	ng	0.00
27) Fluoranthene-d10	18.987	212	13414	0.394	ng	0.00
31) Terphenyl-d14	19.587	244	9482	0.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1221	0.429	ng	# 90
3) n-Nitrosodimethylamine	3.465	42	897	0.373	ng	# 98
6) bis(2-Chloroethyl)ether	7.012	93	2448	0.406	ng	# 84
9) Naphthalene	10.362	128	8880	0.375	ng	96
10) Hexachlorobutadiene	10.564	225	1830	0.405	ng	# 100
12) 2-Methylnaphthalene	12.007	142	5592	0.362	ng	98
16) Acenaphthylene	13.891	152	8919	0.366	ng	99
17) Acenaphthene	14.222	154	6474	0.375	ng	99
18) Fluorene	15.238	166	8556	0.371	ng	99
20) 4,6-Dinitro-2-methylph...	15.530	198	143	0.343	ng	# 1
21) 4-Bromophenyl-phenylether	16.138	248	2573	0.333	ng	96
22) Hexachlorobenzene	16.237	284	3179	0.367	ng	99
23) Atrazine	16.424	200	2043	0.359	ng	97
24) Pentachlorophenol	16.647	266	864	0.268	ng	100
25) Phenanthrene	16.982	178	12485	0.347	ng	99
26) Anthracene	17.094	178	8700	0.294	ng	99
28) Fluoranthene	19.015	202	15921	0.366	ng	99
30) Pyrene	19.387	202	16764	0.317	ng	99
32) Benzo(a)anthracene	21.151	228	12870	0.314	ng	100
33) Chrysene	21.196	228	18718	0.385	ng	99
34) Bis(2-ethylhexyl)phtha...	21.026	149	11910	0.525	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.560	276	19453	0.335	ng	99
37) Benzo(b)fluoranthene	22.689	252	15584	0.303	ng	96
38) Benzo(k)fluoranthene	22.733	252	19254	0.328	ng	95
39) Benzo(a)pyrene	23.262	252	15268	0.330	ng	94
40) Dibenzo(a,h)anthracene	25.566	278	15535	0.338	ng	100
41) Benzo(g,h,i)perylene	26.235	276	17157	0.337	ng	98

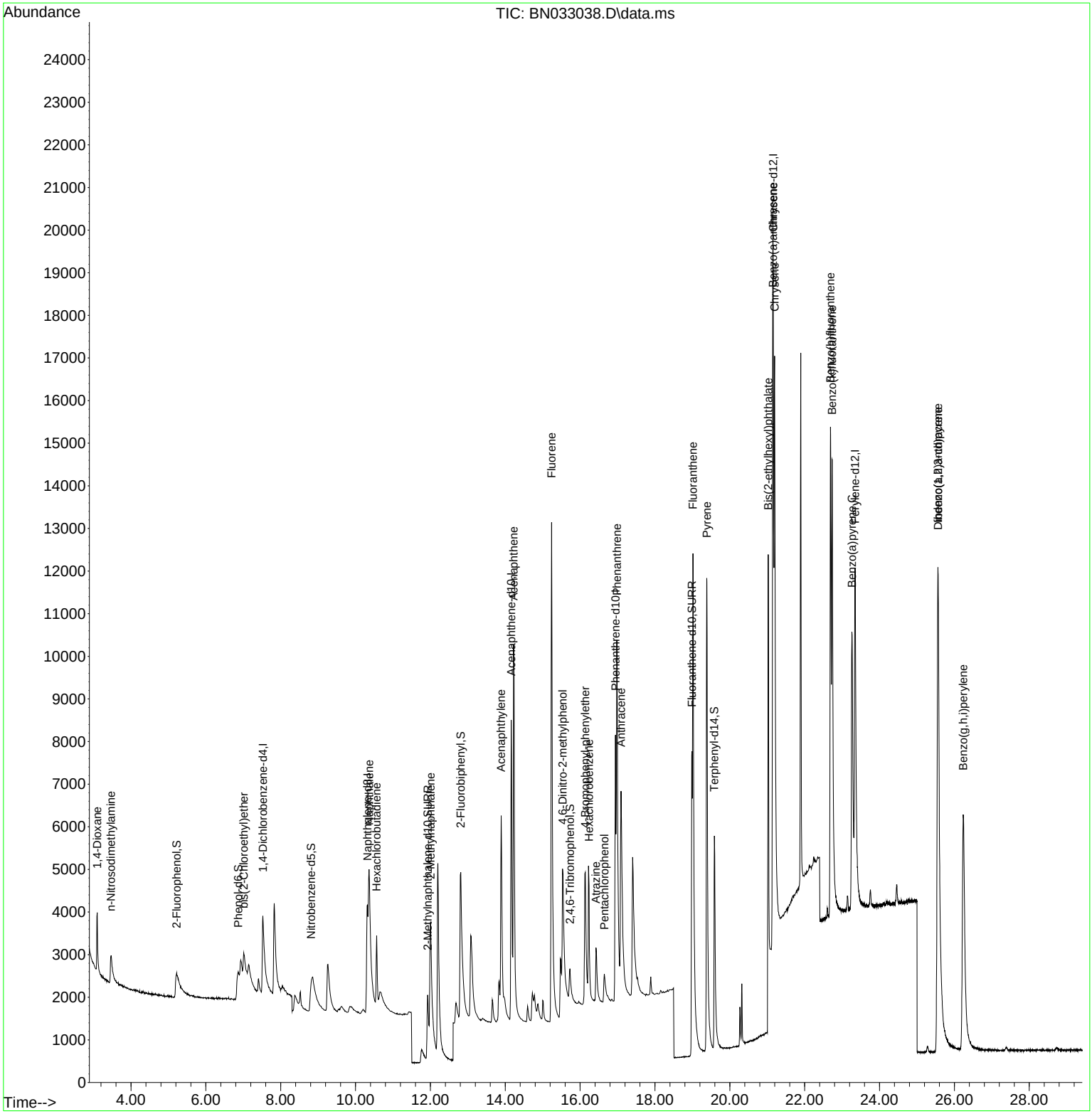
(#) = qualifier out of range (m) = manual integration (+) = signals summed

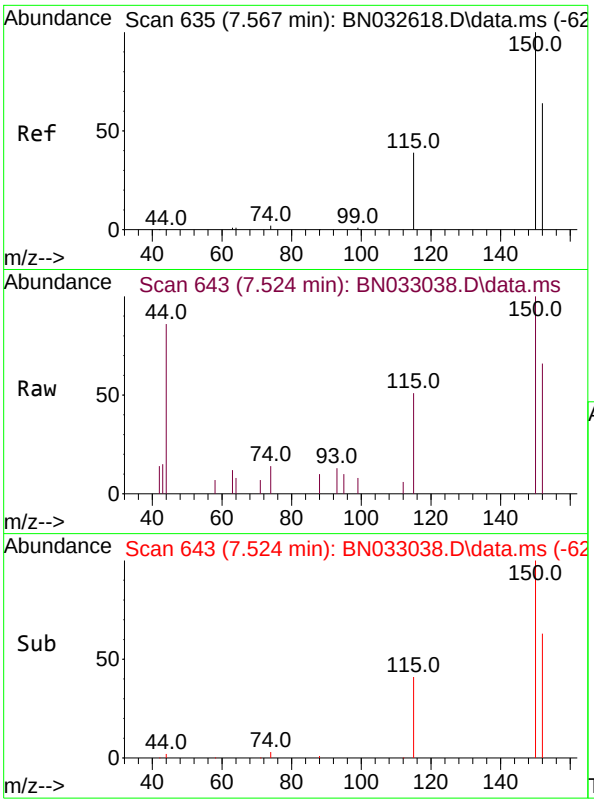
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033038.D
Acq On : 27 Jul 2024 18:26
Operator : MA/JU
Sample : PB162294BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Quant Time: Jul 29 01:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration



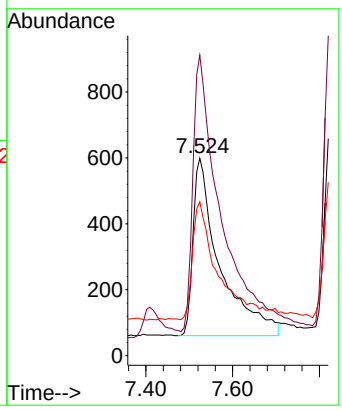


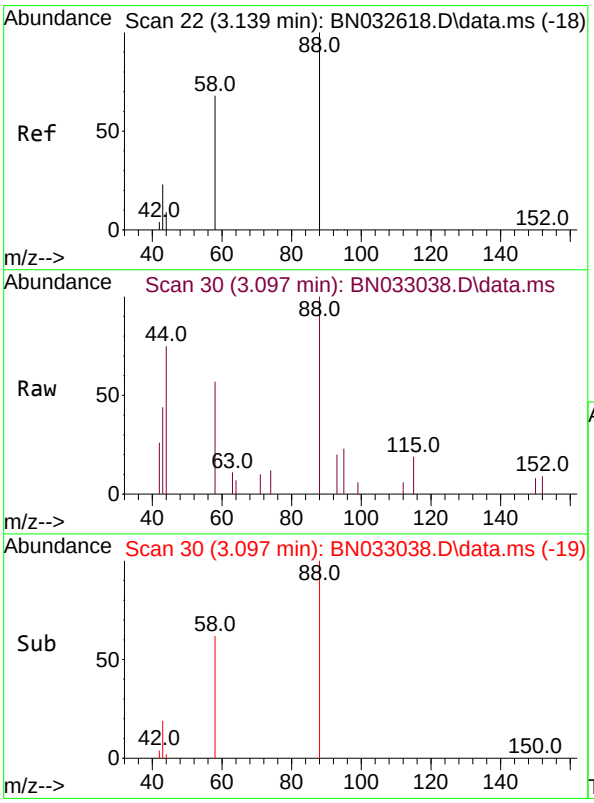
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.524 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:152 Resp: 2295

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.6
115	78.0	52.8	79.2

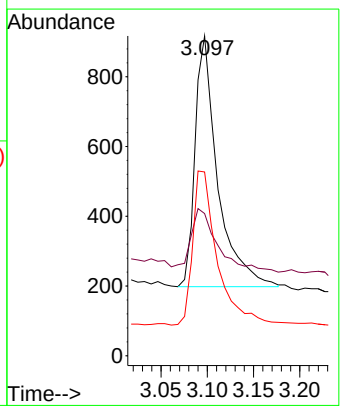


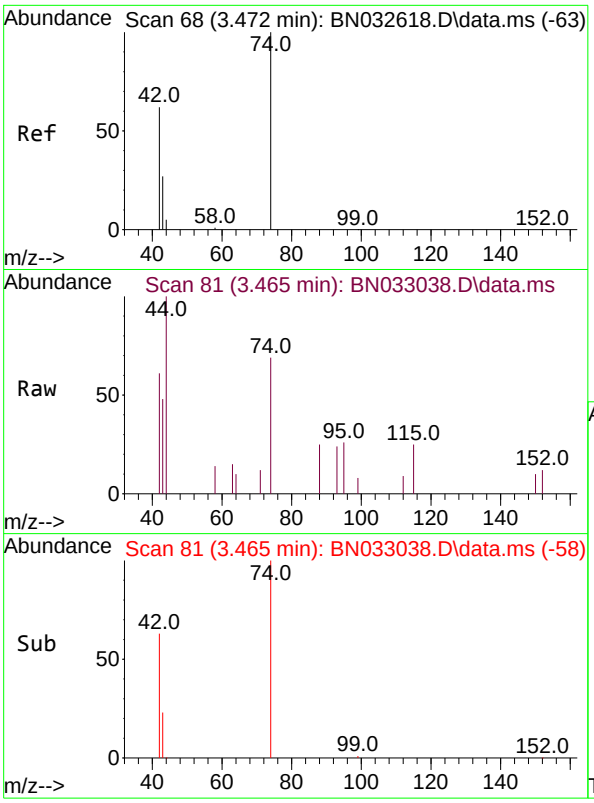


#2
1,4-Dioxane
Concen: 0.429 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.021 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion: 88 Resp: 1221

Ion	Ratio	Lower	Upper
88	100		
43	30.5	18.4	27.6#
58	67.2	49.2	73.8



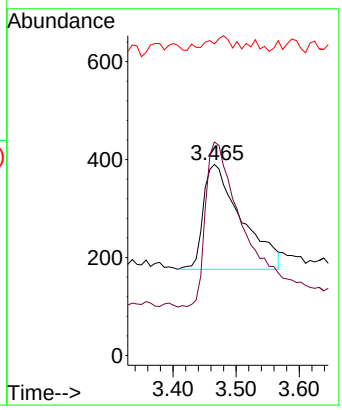


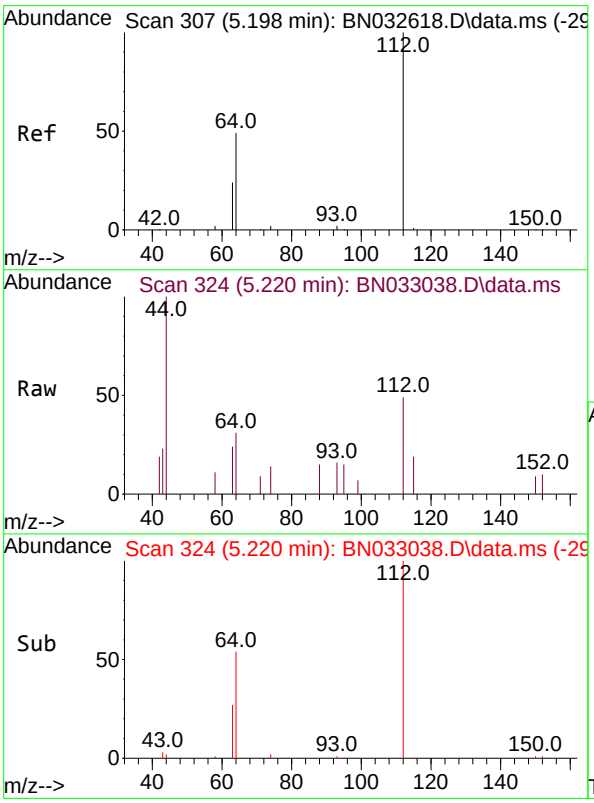
#3
n-Nitrosodimethylamine
Concen: 0.373 ng
RT: 3.465 min Scan# 8
Delta R.T. 0.015 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion: 42 Resp: 897

Ion	Ratio	Lower	Upper
42	100		
74	156.1	126.9	190.3
44	9.7	4.8	7.2#

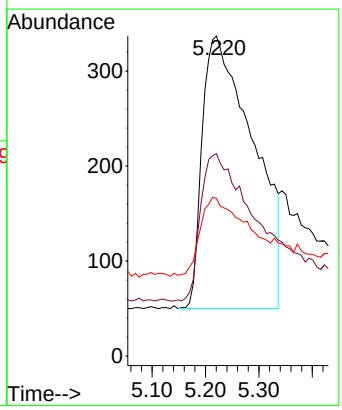


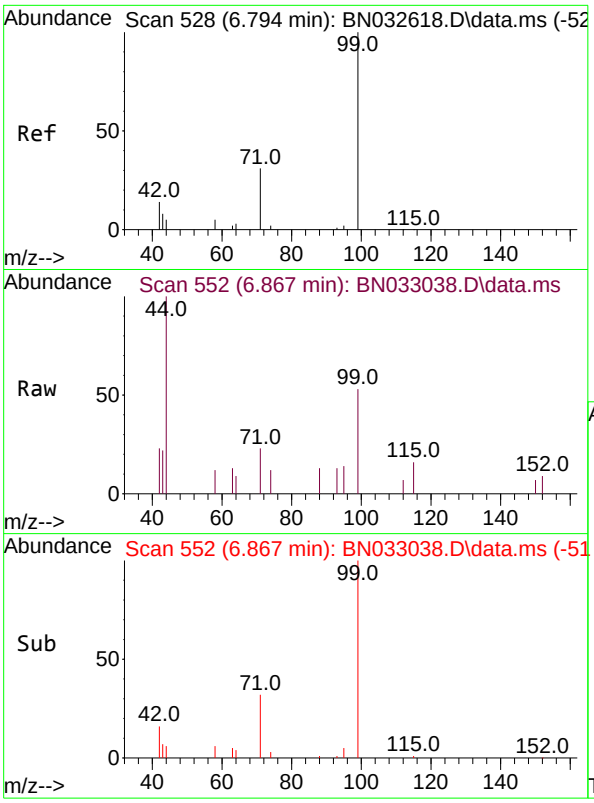


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.220 min Scan# 324
Delta R.T. 0.044 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:112 Resp: 1912

Ion	Ratio	Lower	Upper
112	100		
64	55.8	40.2	60.4
63	27.3	22.2	33.4



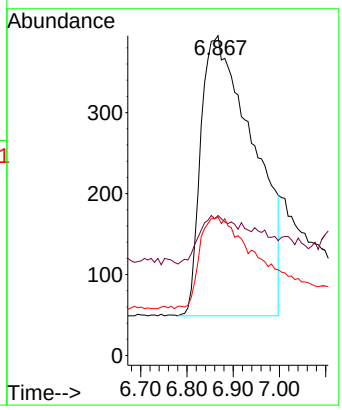


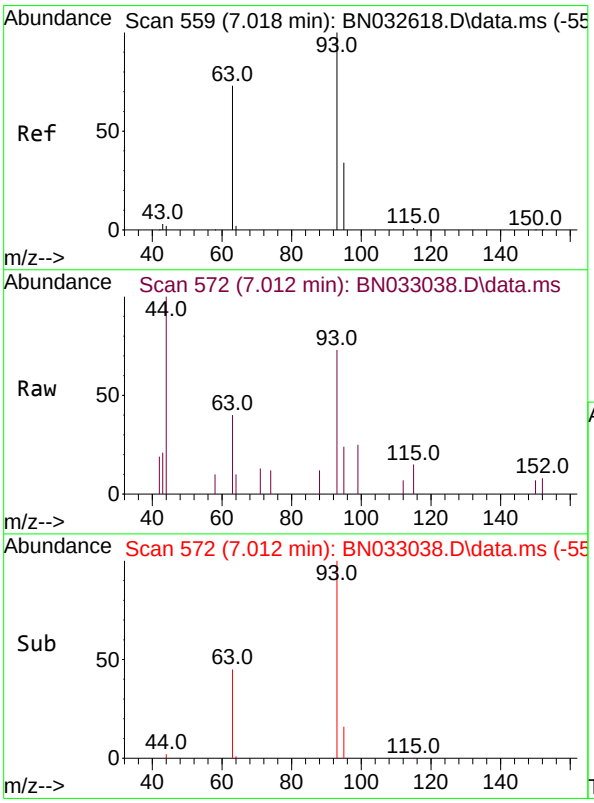
#5
Phenol-d6
Concen: 0.379 ng
RT: 6.867 min Scan# 5
Delta R.T. 0.088 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion: 99 Resp: 2732

Ion	Ratio	Lower	Upper
99	100		
42	11.2	10.5	15.7
71	33.3	22.3	33.5

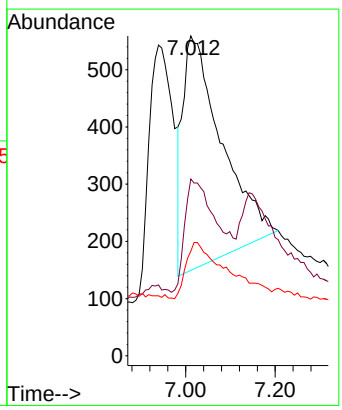


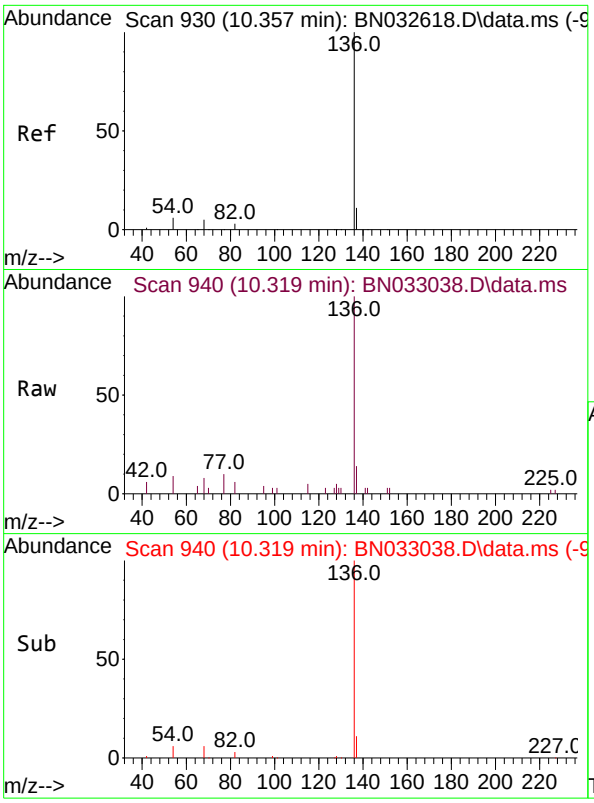


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.012 min Scan# 572
Delta R.T. 0.023 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion: 93 Resp: 2448

Ion	Ratio	Lower	Upper
93	100		
63	43.5	46.4	69.6#
95	25.9	25.5	38.3



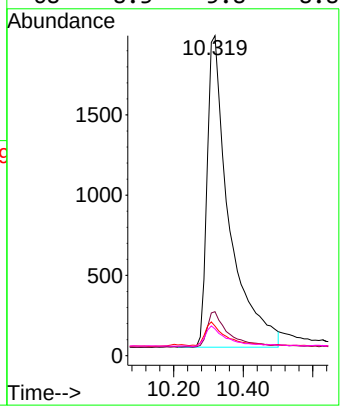


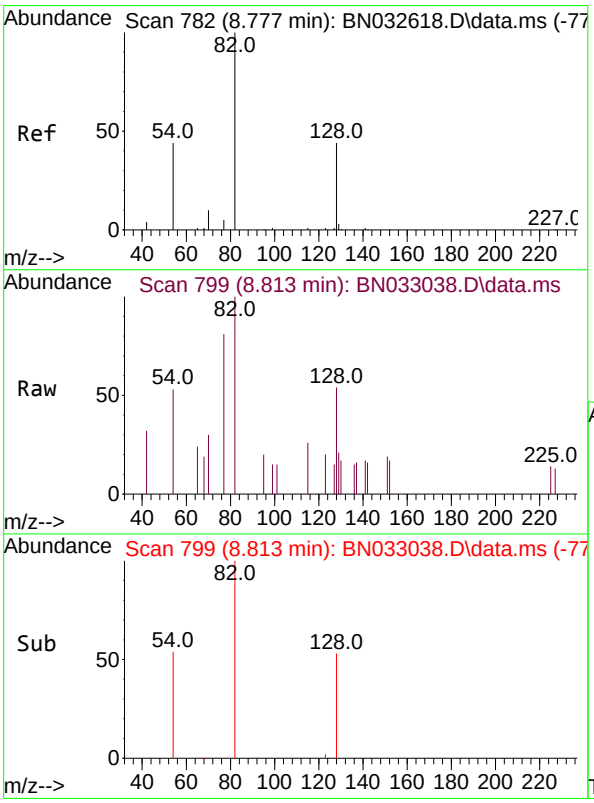
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. 0.015 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:136 Resp: 8545

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.9	14.9
54	9.2	6.5	9.7
68	8.3	5.8	8.8

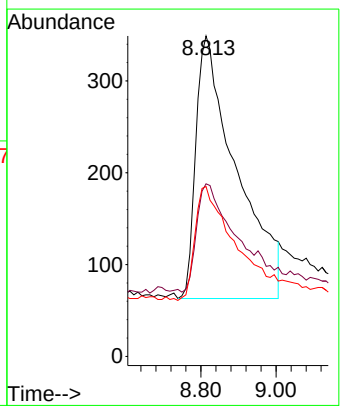


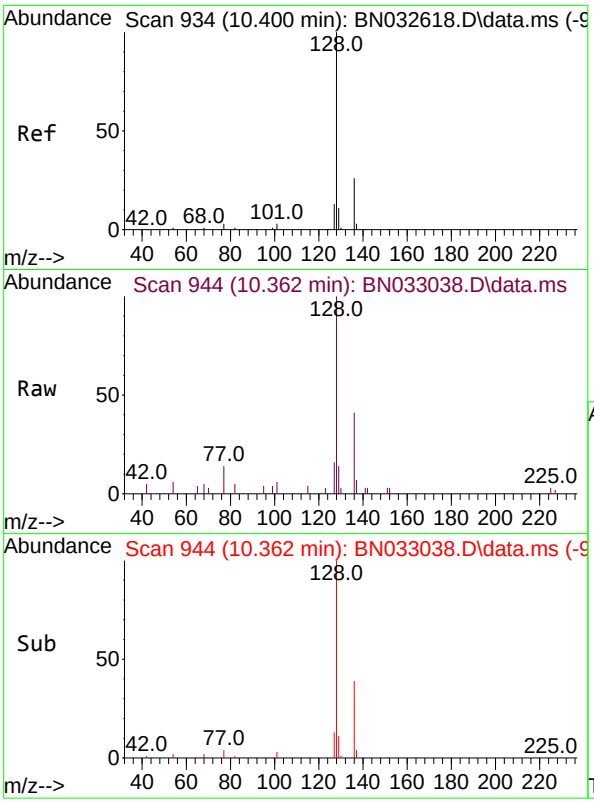


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.813 min Scan# 799
Delta R.T. 0.079 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion: 82 Resp: 2147

Ion	Ratio	Lower	Upper
82	100		
128	53.9	41.7	62.5
54	53.0	39.5	59.3



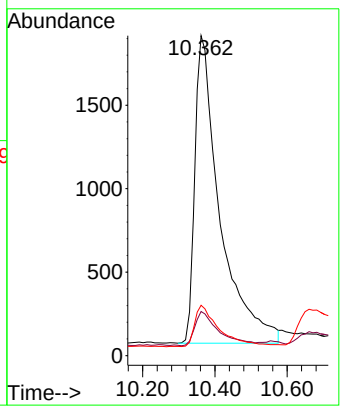


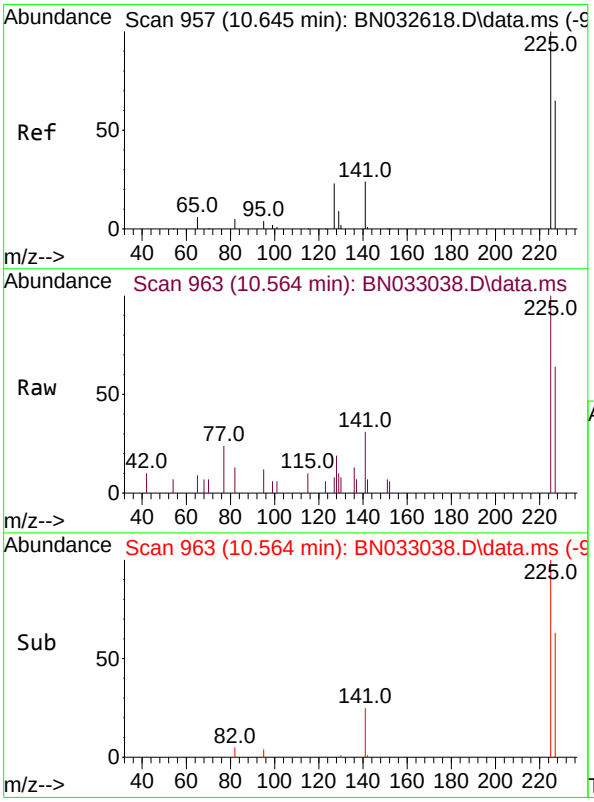
#9
Naphthalene
Concen: 0.375 ng
RT: 10.362 min Scan# 94
Delta R.T. 0.005 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:128 Resp: 8880

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.8	14.8
127	15.8	11.5	17.3

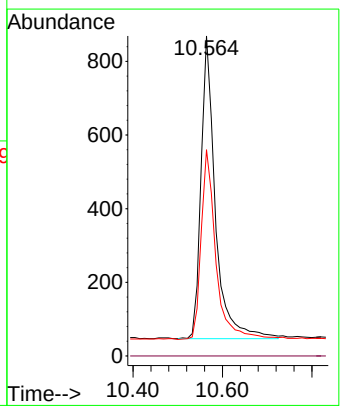


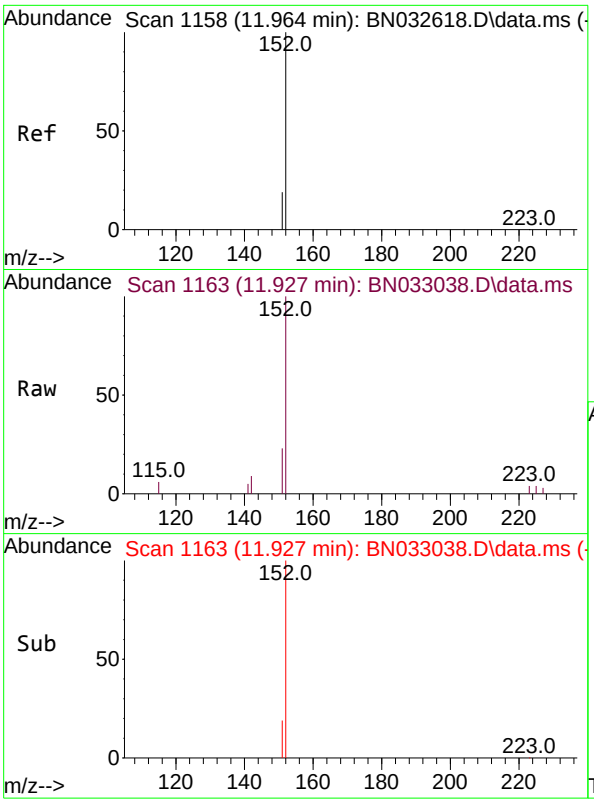


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.564 min Scan# 963
Delta R.T. -0.038 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:225 Resp: 1830

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.3	76.9



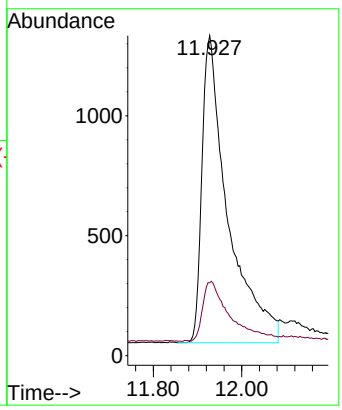


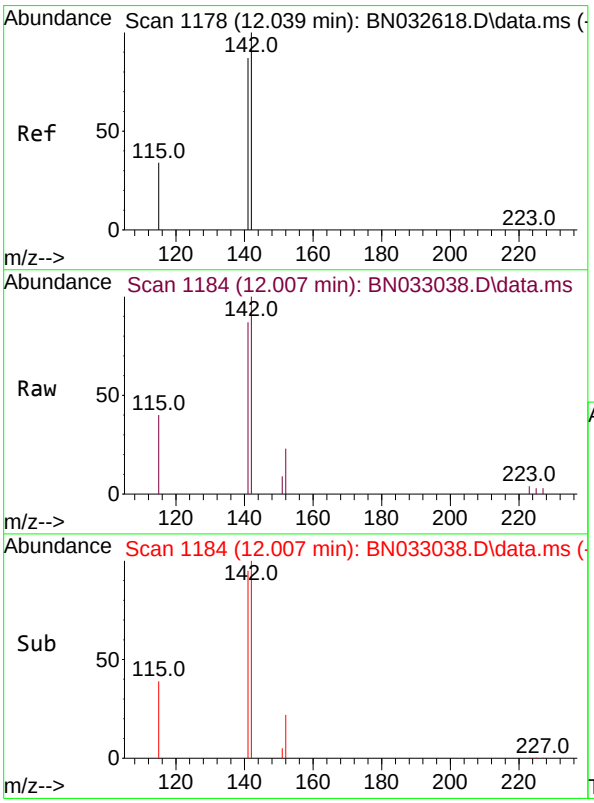
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.927 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:152 Resp: 5205

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2

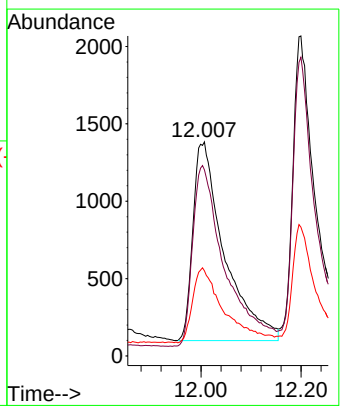


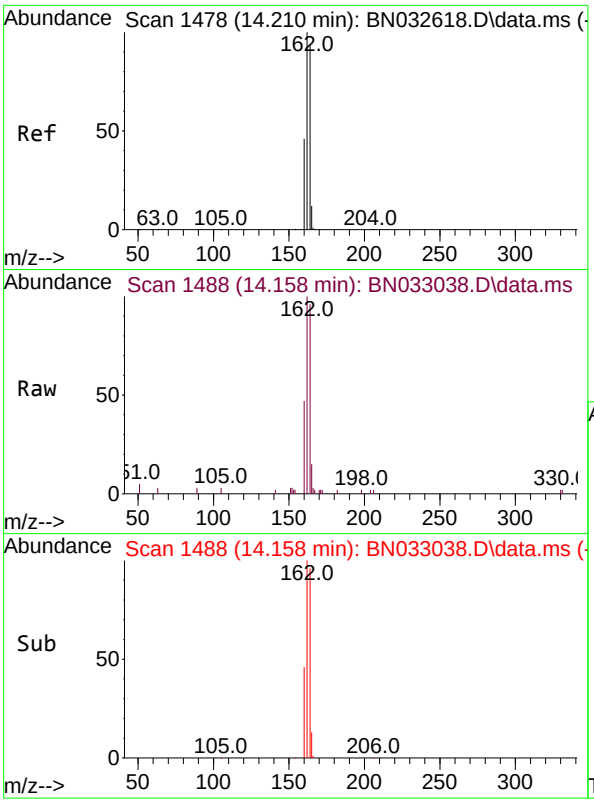


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.007 min Scan# 1184
Delta R.T. 0.017 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:142 Resp: 5592

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.3	103.9
115	39.7	29.5	44.3



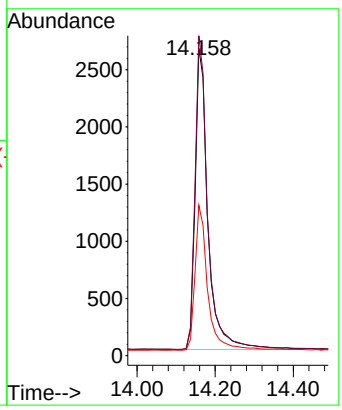


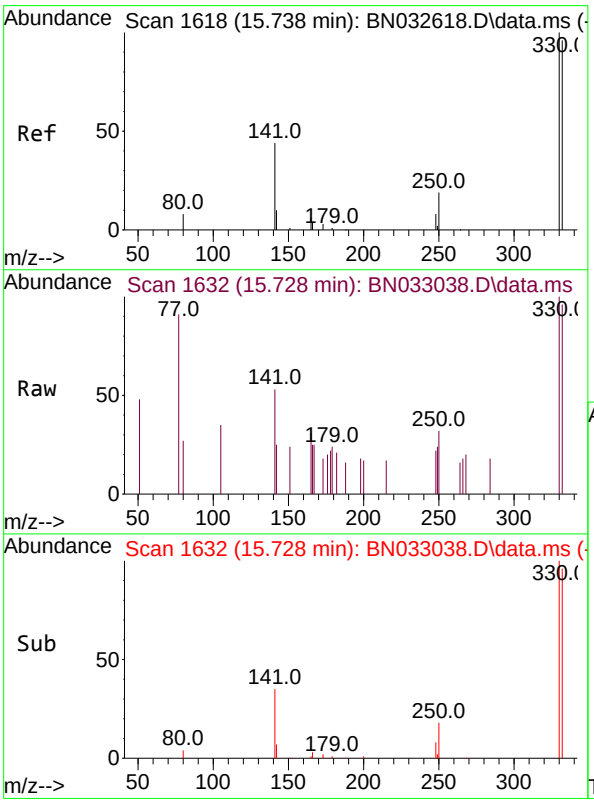
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.158 min Scan# 14
Delta R.T. -0.020 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:164 Resp: 5991

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.0	127.4
160	48.9	39.4	59.2

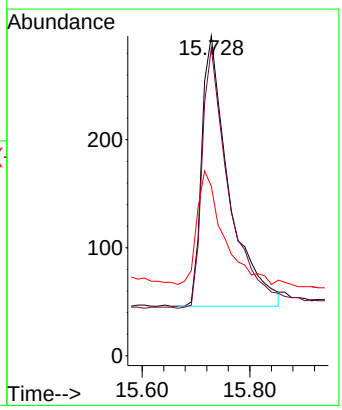


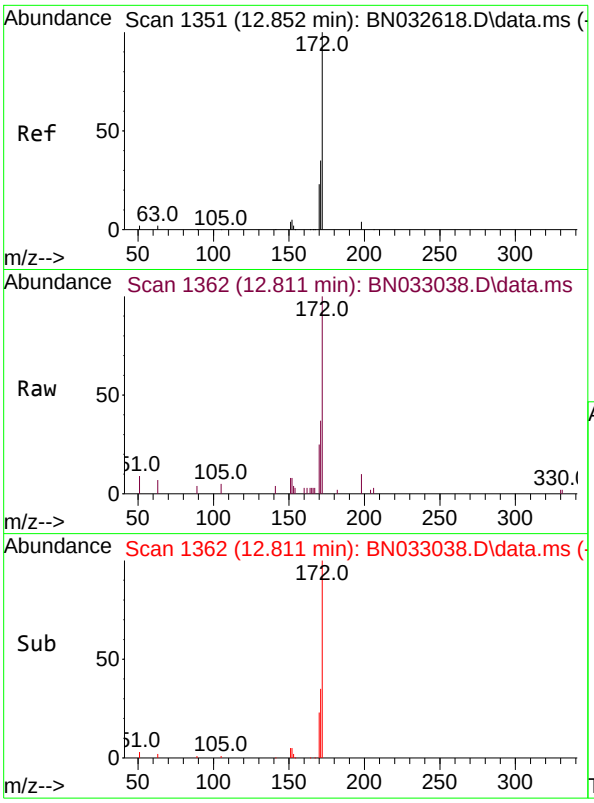


#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 15.728 min Scan# 1632
Delta R.T. 0.003 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:330 Resp: 873

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.8
141	40.5	34.2	51.2



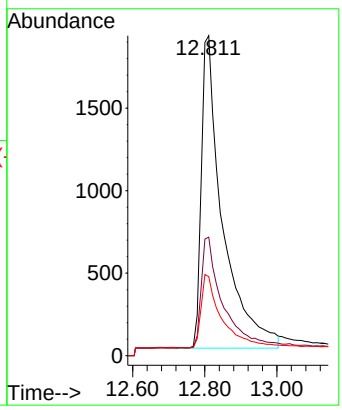


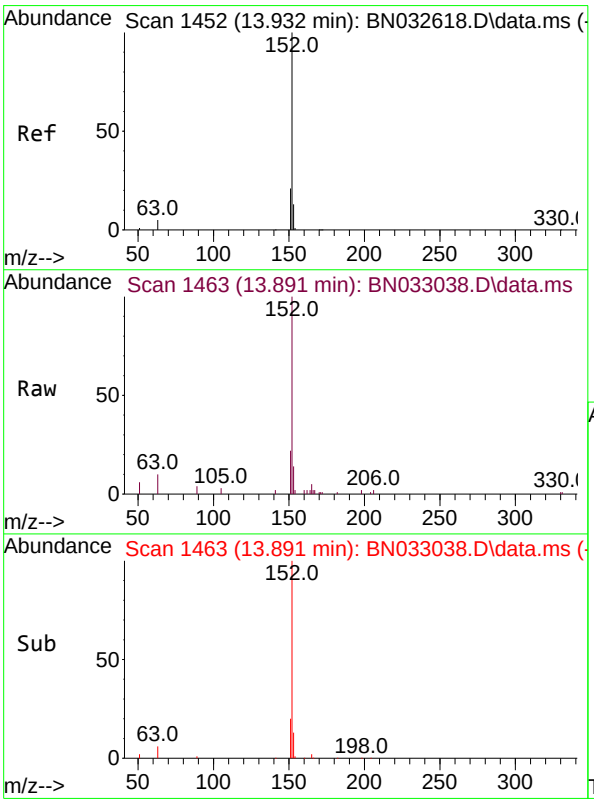
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.811 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:172 Resp: 7730

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.7	19.0	28.6

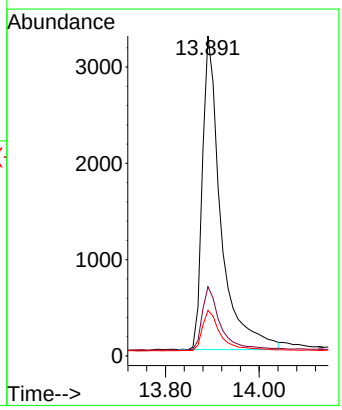


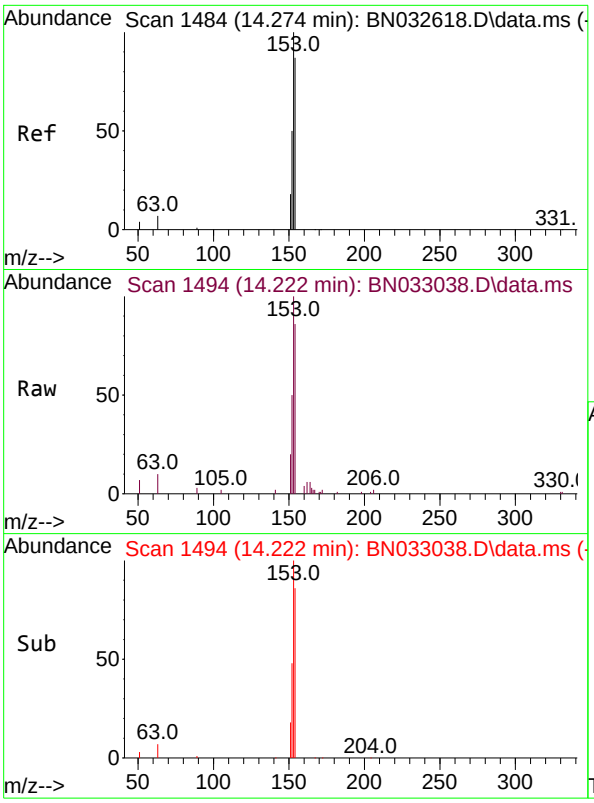


#16
Acenaphthylene
Concen: 0.366 ng
RT: 13.891 min Scan# 1463
Delta R.T. -0.009 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:152 Resp: 8919

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	12.9	10.6	15.8



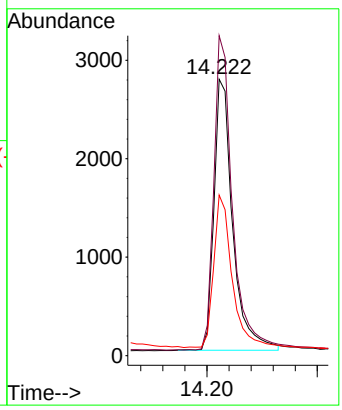


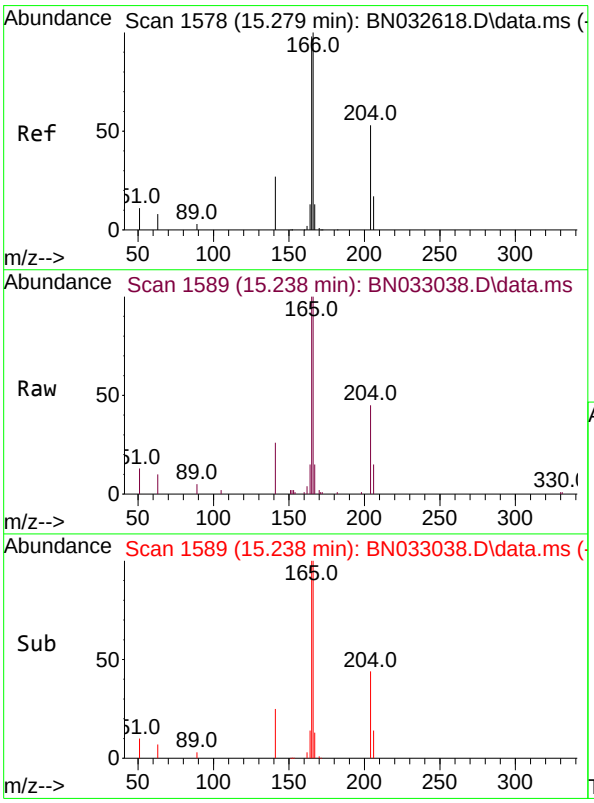
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.222 min Scan# 14
Delta R.T. -0.020 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:154 Resp: 6474

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.8	137.8
152	54.6	45.2	67.8

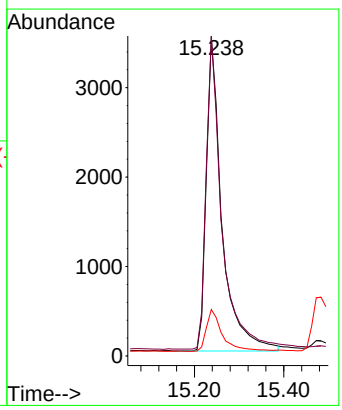


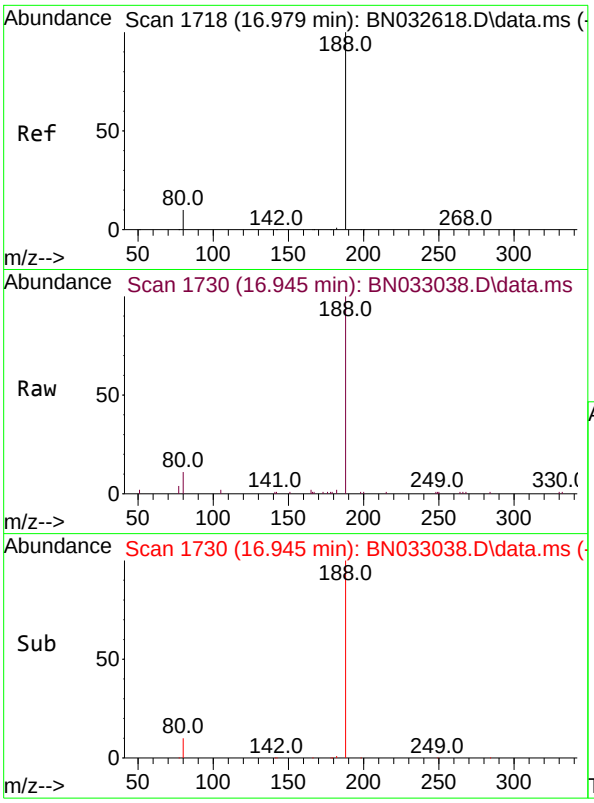


#18
Fluorene
Concen: 0.371 ng
RT: 15.238 min Scan# 1589
Delta R.T. -0.009 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:166 Resp: 8556

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.0	117.0
167	13.5	10.7	16.1



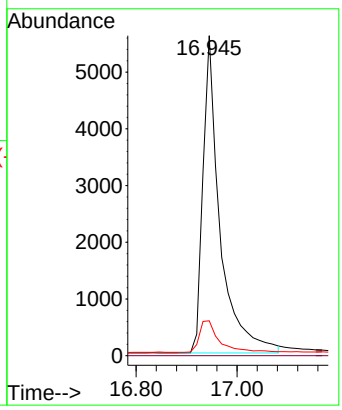


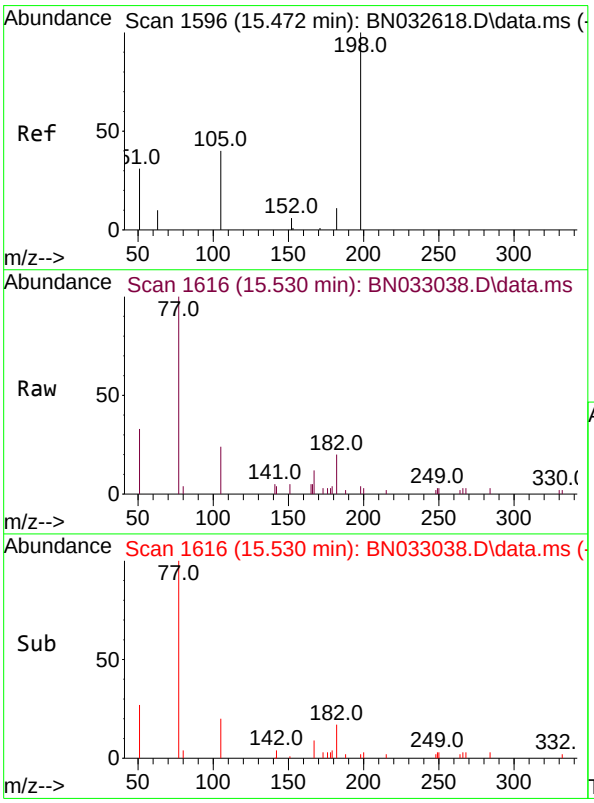
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.945 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:188 Resp: 13162

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.8	13.2

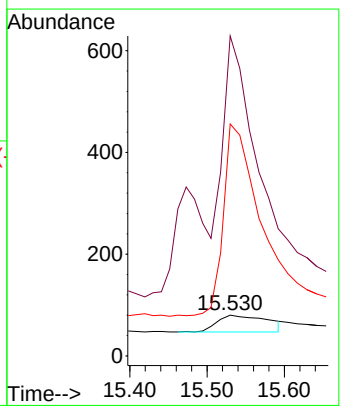


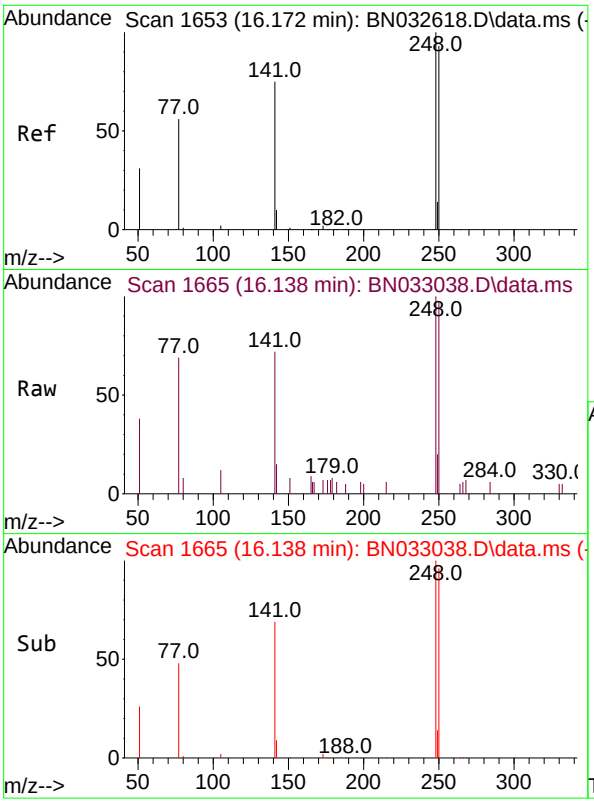


#20
4,6-Dinitro-2-methylphenol
Concen: 0.343 ng
RT: 15.530 min Scan# 1616
Delta R.T. 0.058 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:198 Resp: 143

Ion	Ratio	Lower	Upper
198	100		
51	786.3	105.7	158.5#
105	570.0	63.0	94.6#



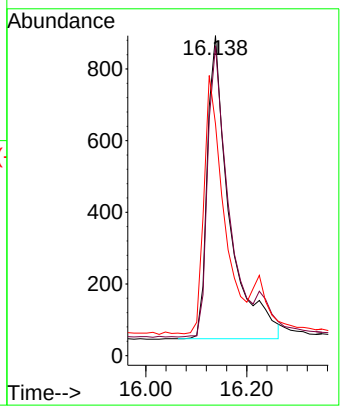


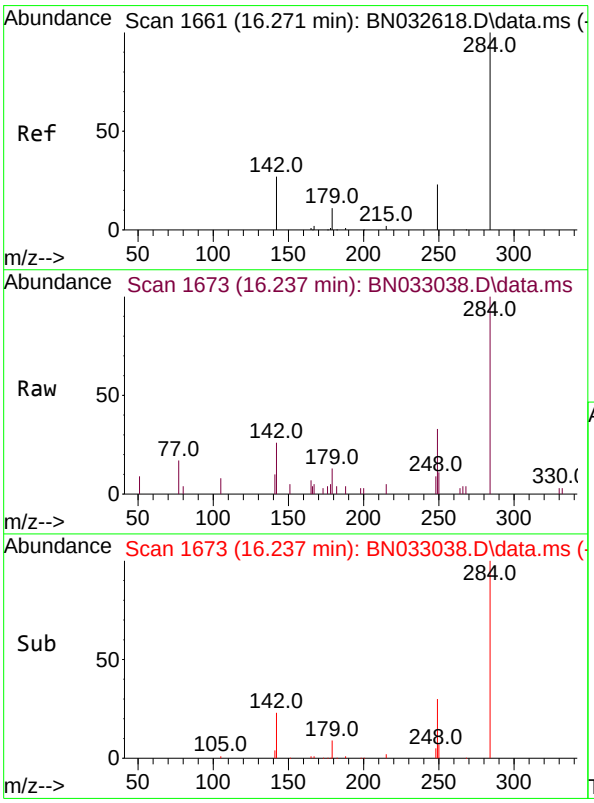
#21
4-Bromophenyl-phenylether
Concen: 0.333 ng
RT: 16.138 min Scan# 1(
Delta R.T. 0.003 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:248 Resp: 2573

Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.1	112.7
141	72.5	62.0	93.0

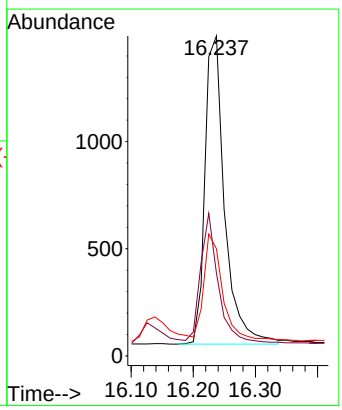


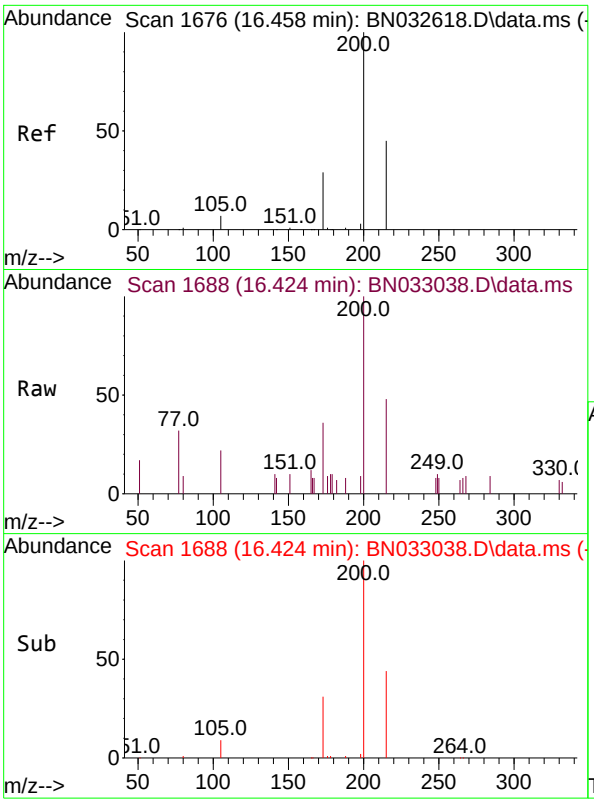


#22
Hexachlorobenzene
Concen: 0.367 ng
RT: 16.237 min Scan# 1673
Delta R.T. -0.009 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:284 Resp: 3179

Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.4	44.0
249	31.8	24.6	36.8



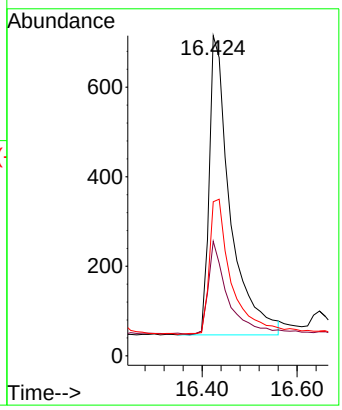


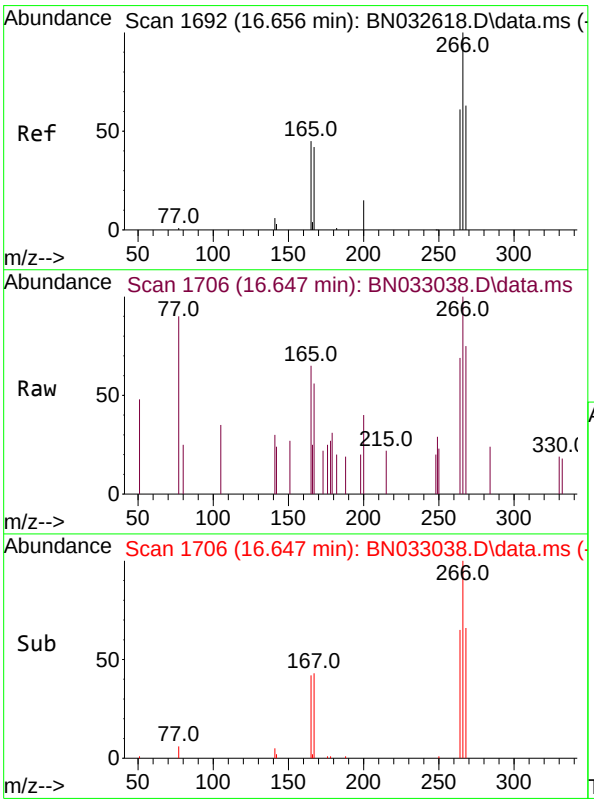
#23
Atrazine
Concen: 0.359 ng
RT: 16.424 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:200 Resp: 2043

Ion	Ratio	Lower	Upper
200	100		
173	35.8	25.4	38.2
215	48.1	38.2	57.2

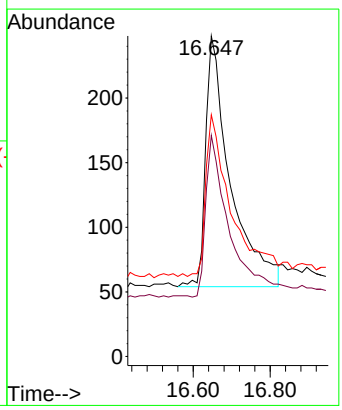


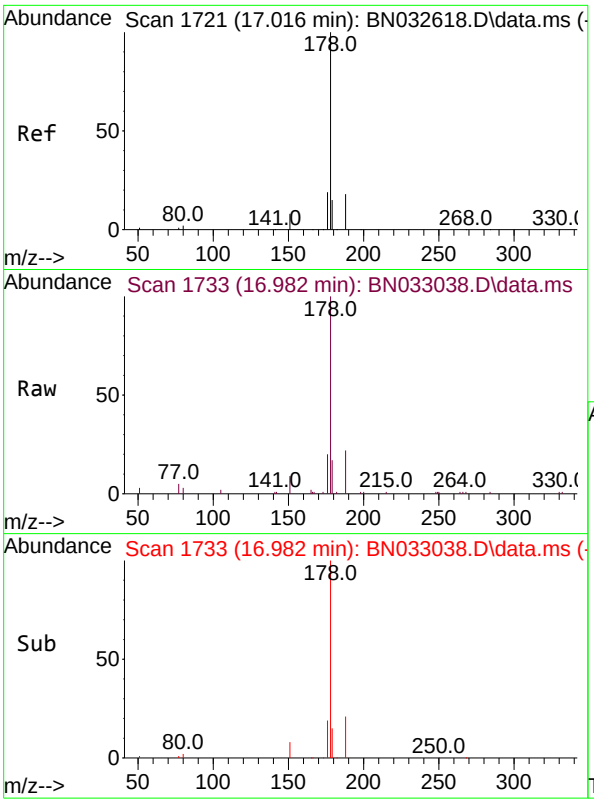


#24
Pentachlorophenol
Concen: 0.268 ng
RT: 16.647 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:266 Resp: 864

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.2	75.2
268	65.6	52.8	79.2



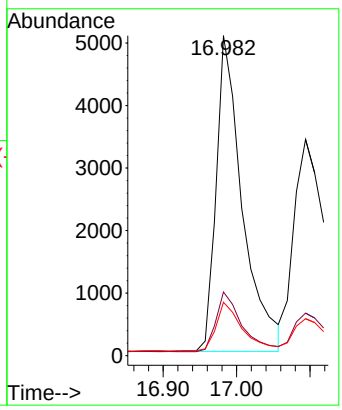


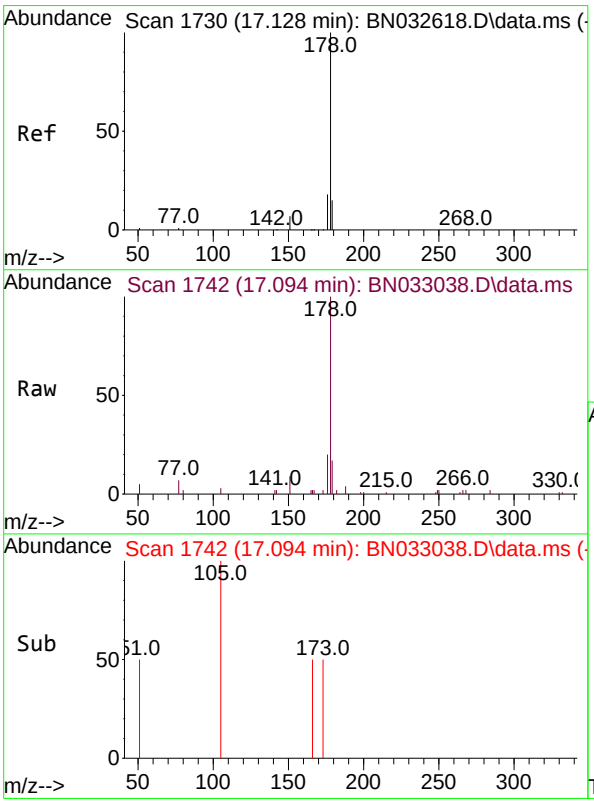
#25
Phenanthrene
Concen: 0.347 ng
RT: 16.982 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:178 Resp: 12485

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.6	12.2	18.4

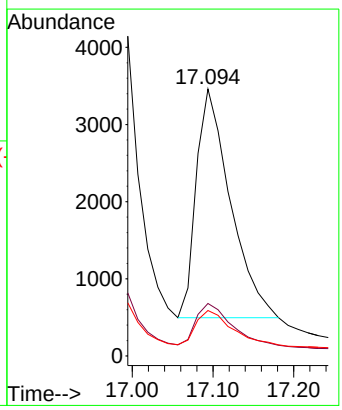


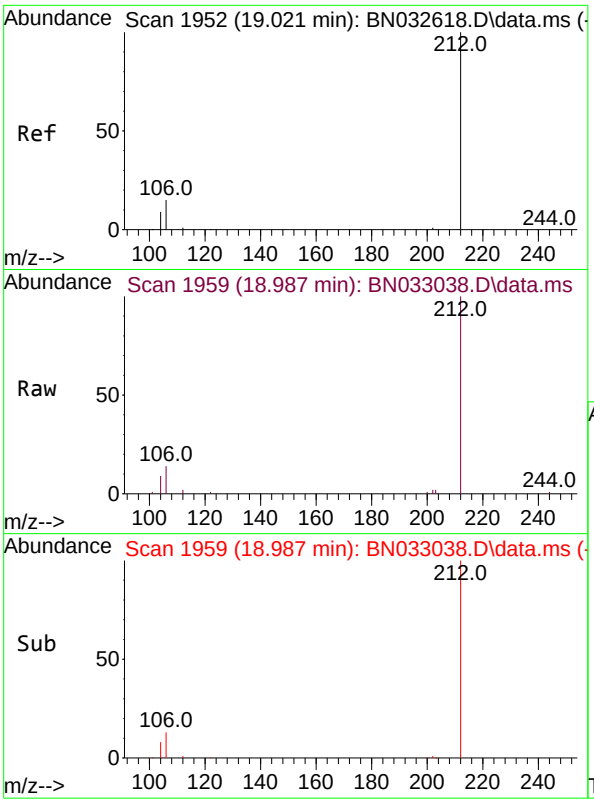


#26
Anthracene
Concen: 0.294 ng
RT: 17.094 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:178 Resp: 8700

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	11.8	17.8



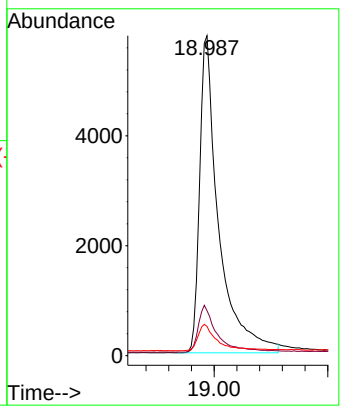


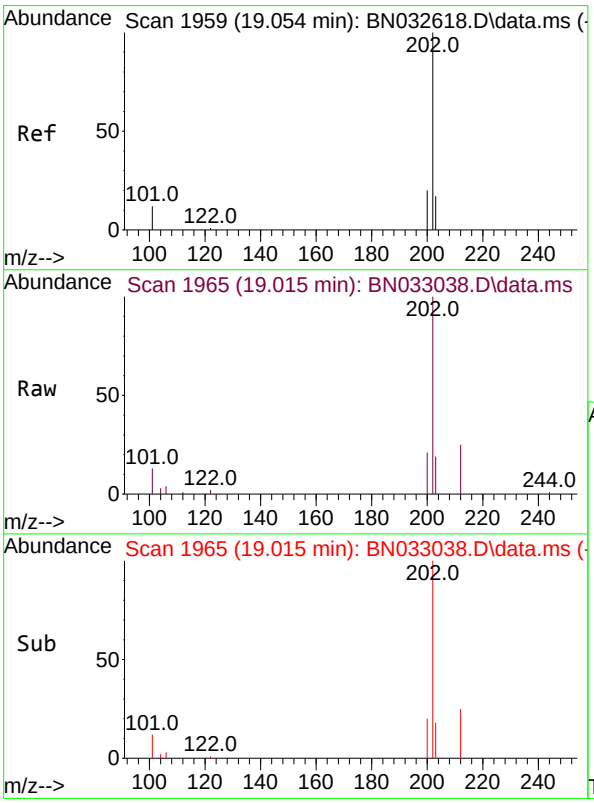
#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.987 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:212 Resp: 13414

Ion	Ratio	Lower	Upper
212	100		
106	14.5	11.9	17.9
104	8.5	6.9	10.3

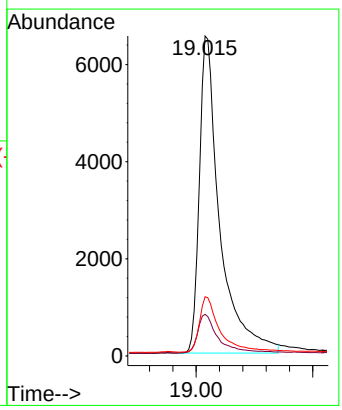


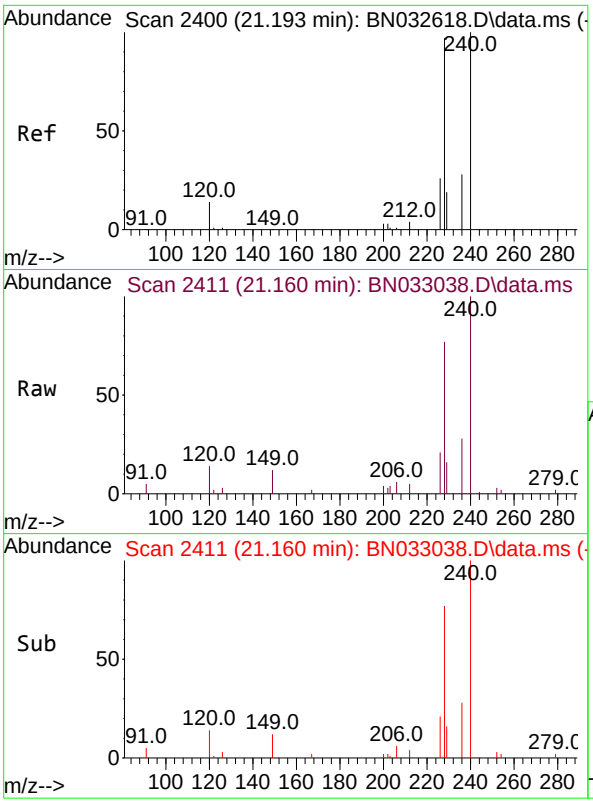


#28
Fluoranthene
Concen: 0.366 ng
RT: 19.015 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:202 Resp: 15921

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	17.4	13.8	20.6



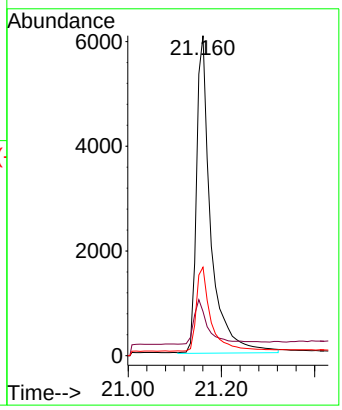


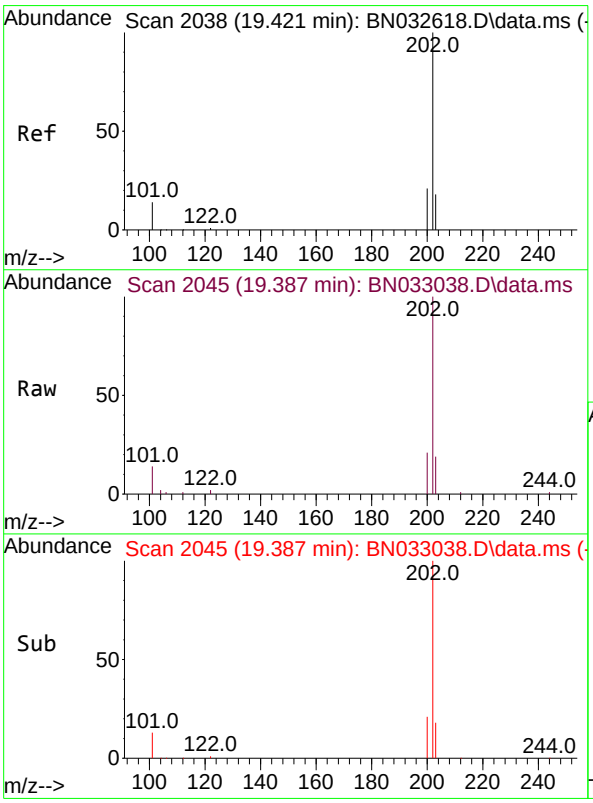
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:240 Resp: 12950

Ion	Ratio	Lower	Upper
240	100		
120	13.8	14.8	22.2#
236	27.6	23.3	34.9

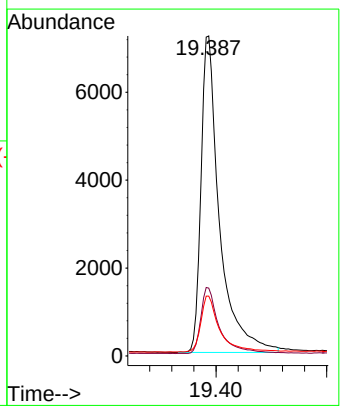


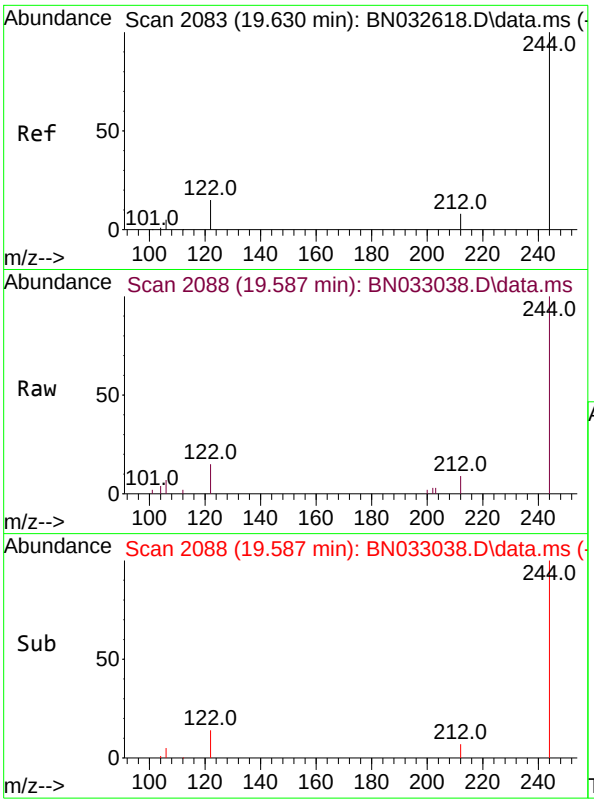


#30
Pyrene
Concen: 0.317 ng
RT: 19.387 min Scan# 2045
Delta R.T. -0.002 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:202 Resp: 16764

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.9	14.8	22.2



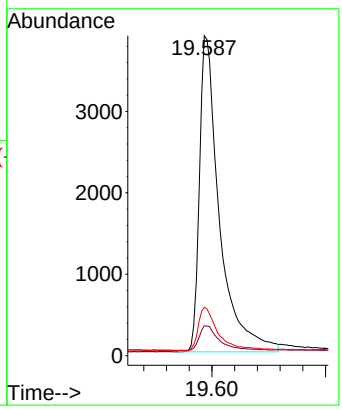


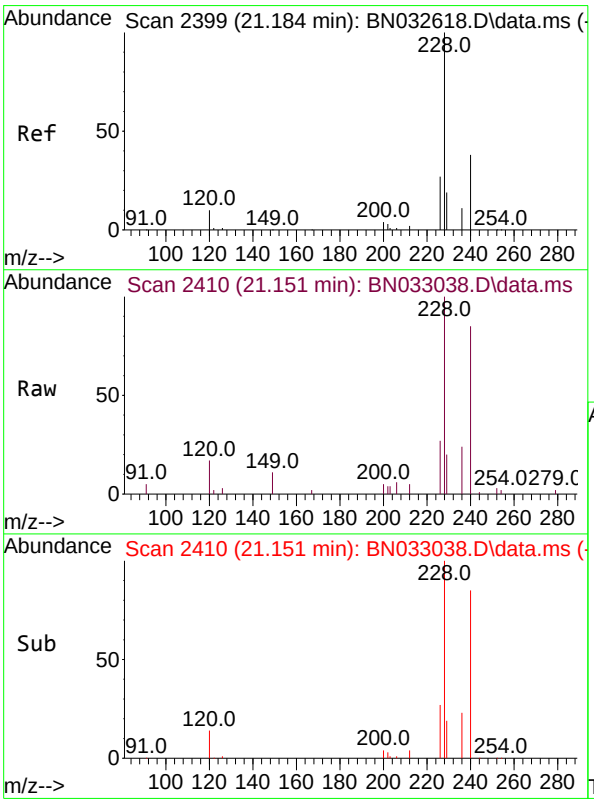
#31
Terphenyl-d14
Concen: 0.357 ng
RT: 19.587 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:244 Resp: 9482

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	15.1	12.6	19.0

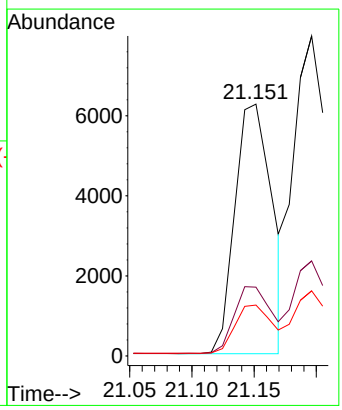


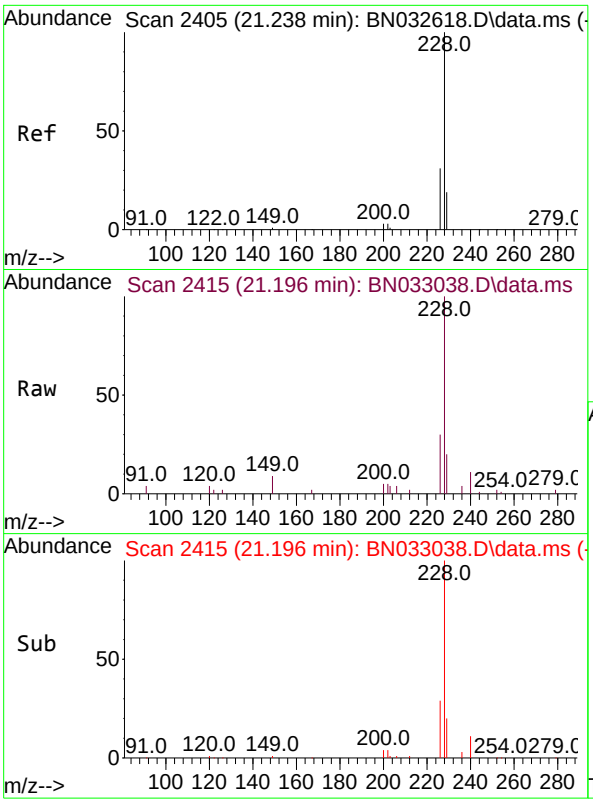


#32
Benzo(a)anthracene
Concen: 0.314 ng
RT: 21.151 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:228 Resp: 12870

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.2	16.0	24.0



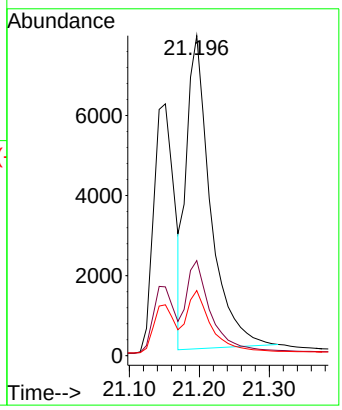


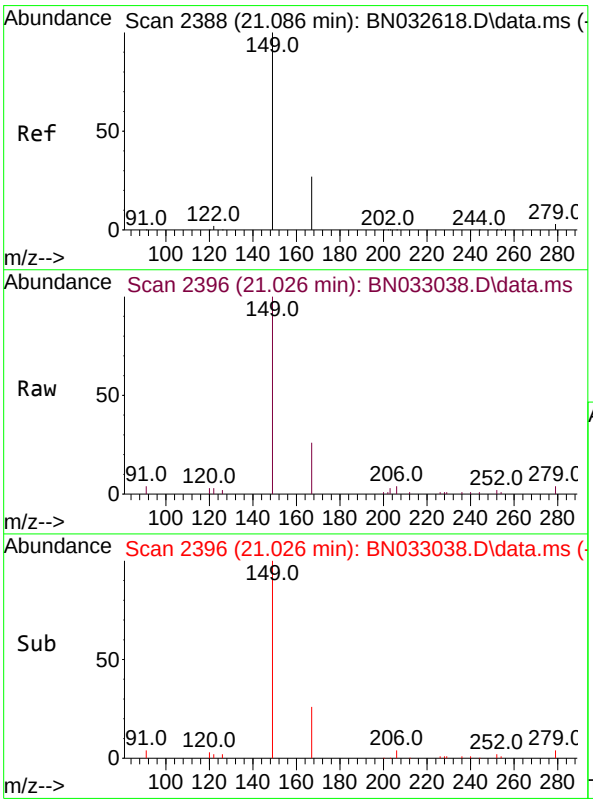
#33
Chrysene
Concen: 0.385 ng
RT: 21.196 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:228 Resp: 18718

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	20.4	16.0	24.0

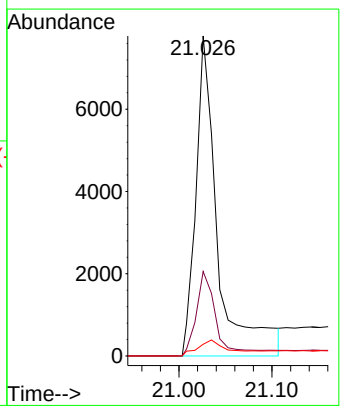


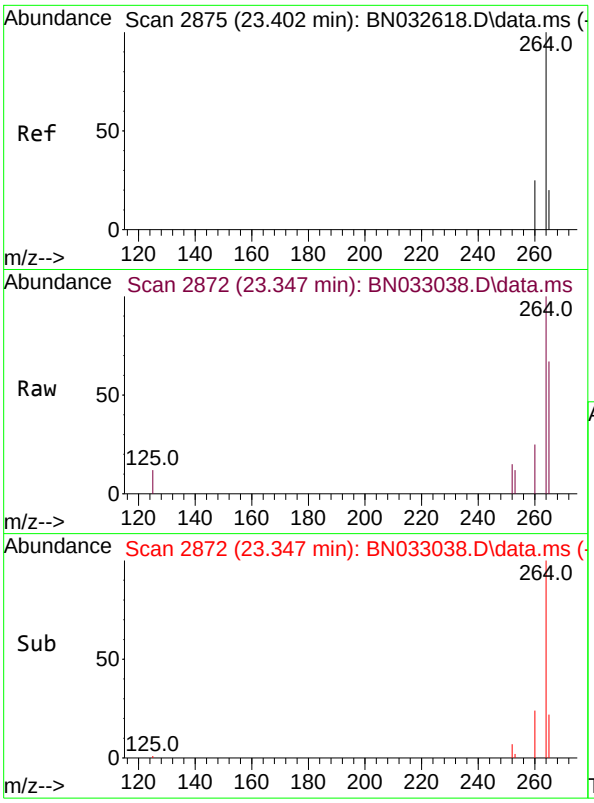


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.525 ng
RT: 21.026 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:149 Resp: 11910

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.2
279	7.5	2.8	4.2#



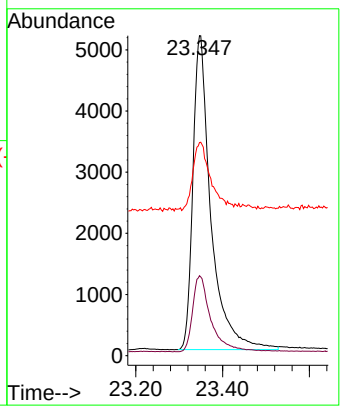


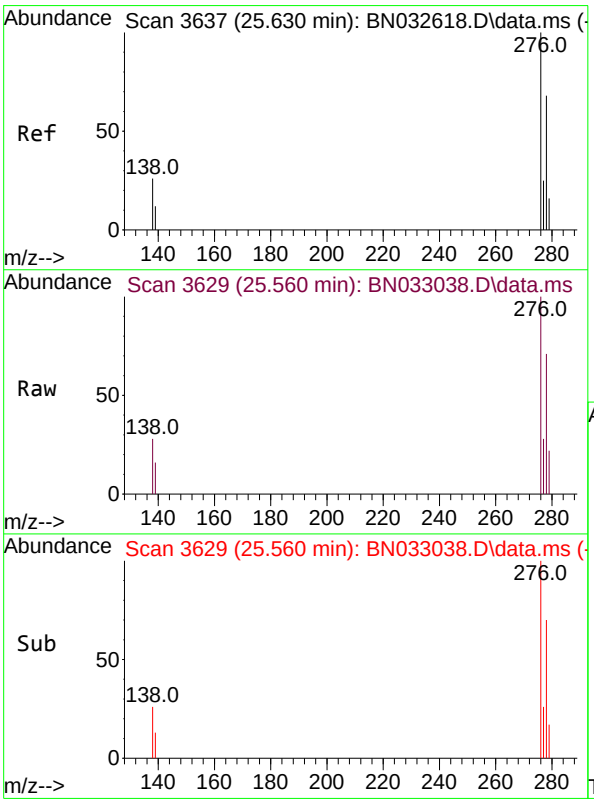
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.347 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:264 Resp: 14747

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.9	31.3
265	66.6	85.4	128.2#

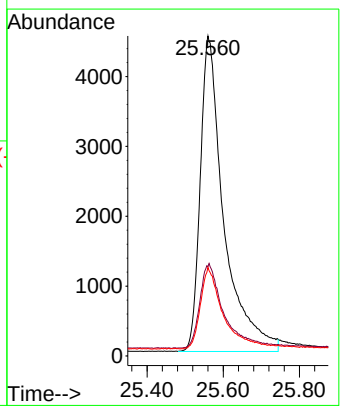


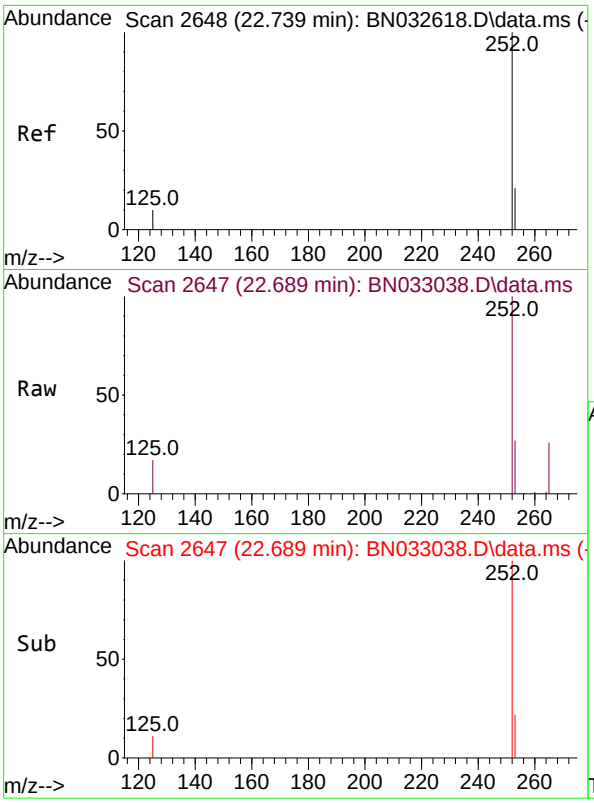


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 25.560 min Scan# 3629
Delta R.T. -0.009 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:276 Resp: 19453

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.4
277	25.0	19.5	29.3



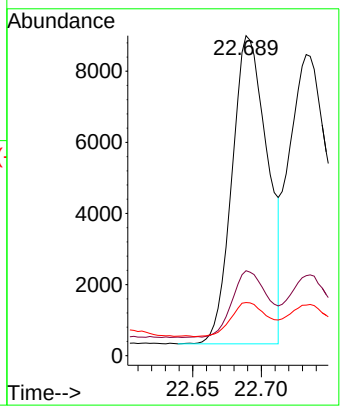


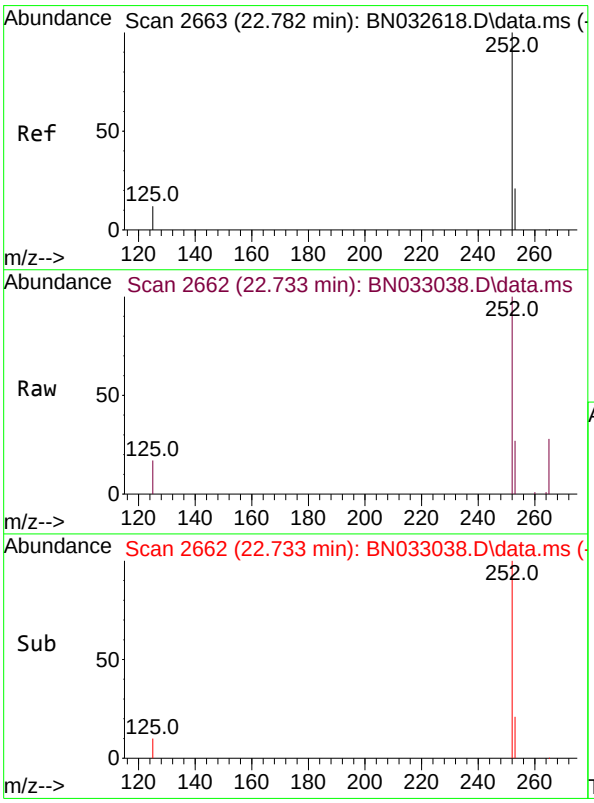
#37
Benzo(b)fluoranthene
Concen: 0.303 ng
RT: 22.689 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:252 Resp: 15584

Ion	Ratio	Lower	Upper
252	100		
253	26.6	22.3	33.5
125	16.6	15.4	23.2

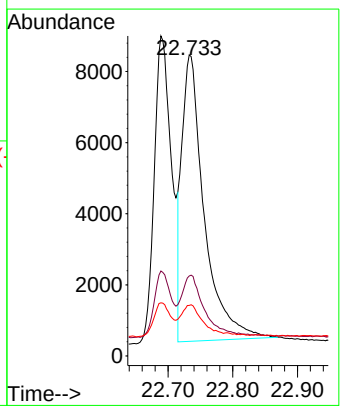


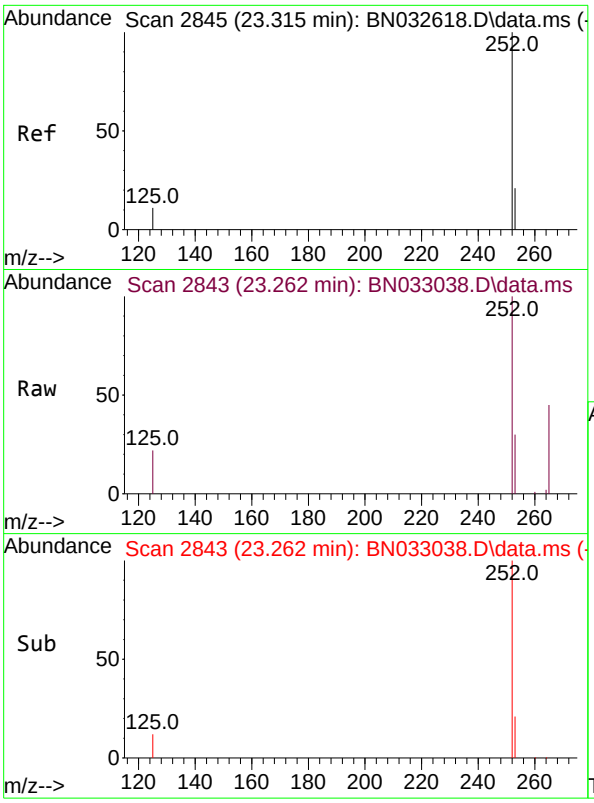


#38
Benzo(k)fluoranthene
Concen: 0.328 ng
RT: 22.733 min Scan# 2662
Delta R.T. -0.012 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:252 Resp: 19254

Ion	Ratio	Lower	Upper
252	100		
253	26.6	22.6	34.0
125	16.8	16.2	24.4



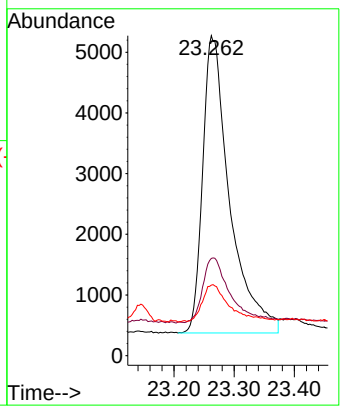


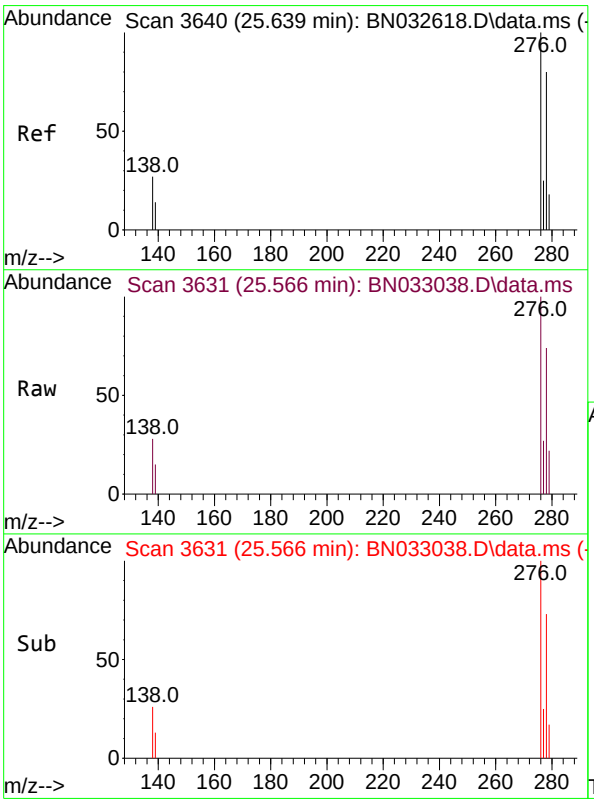
#39
Benzo(a)pyrene
Concen: 0.330 ng
RT: 23.262 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:252 Resp: 15268

Ion	Ratio	Lower	Upper
252	100		
253	30.4	25.8	38.8
125	22.1	21.4	32.2

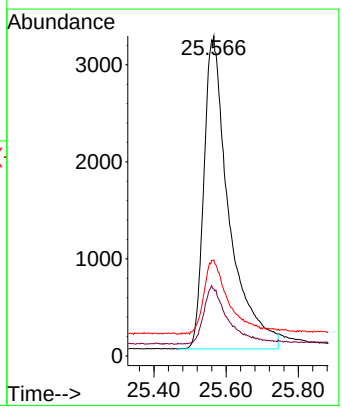


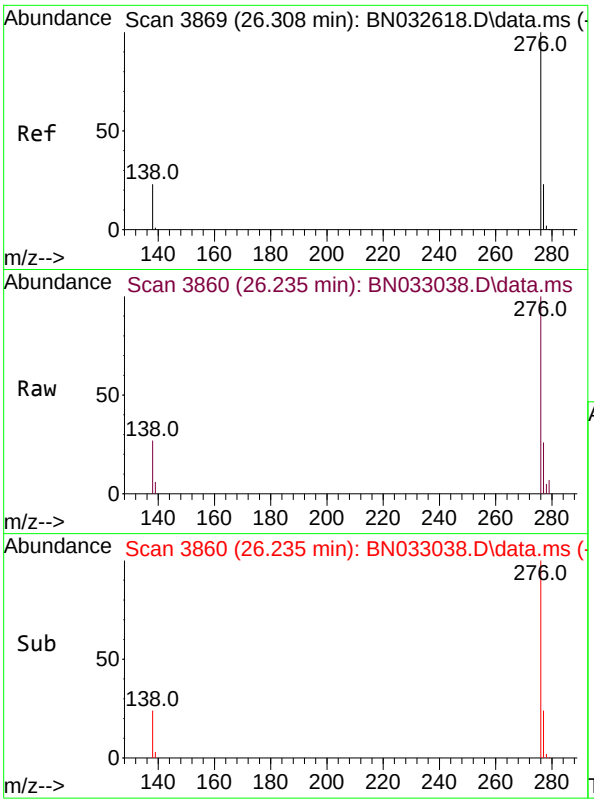


#40
Dibenzo(a,h)anthracene
Concen: 0.338 ng
RT: 25.566 min Scan# 3631
Delta R.T. -0.003 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Tgt Ion:278 Resp: 15535

Ion	Ratio	Lower	Upper
278	100		
139	20.9	16.7	25.1
279	30.0	24.3	36.5





#41
Benzo(g,h,i)perylene
Concen: 0.337 ng
RT: 26.235 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN033038.D
Acq: 27 Jul 2024 18:26

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Tgt Ion:276 Resp: 17157

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.2	30.2
138	26.5	20.5	30.7