Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035290.D
Acq On : 25 Nov 2024 18:44
Operator : RC/JU
Sample : PB165150BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Quant Time: Nov 26 03:32:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 02:36:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.315	152	3630	0.400	ng	0.00
7) Naphthalene-d8	10.063	136	8519	0.400	ng	# 0.00
13) Acenaphthene-d10	13.966	164	4791	0.400	ng	#-0.01
19) Phenanthrene-d10	16.734	188	9614	0.400	ng	0.00
29) Chrysene-d12	21.008	240	730	0.400	ng	0.00
35) Perylene-d12	23.081	264	5488	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.975	112	2994	0.437	ng	0.00
5) Phenol-d6	6.520	99	3620	0.378	ng	0.00
8) Nitrobenzene-d5	8.450	82	1711	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	11.663	152	5762	0.483	ng	0.00
14) 2,4,6-Tribromophenol	15.484	330	538	0.220	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	722	0.273	ng	0.00
27) Fluoranthene-d10	18.792	212	8963	0.348	ng	0.00
31) Terphenyl-d14	19.419	244	6215	0.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.003	88	1166	0.447	ng	# 87
3) n-Nitrosodimethylamine	3.292	42	1003	0.371	ng	# 74
6) bis(2-Chloroethyl)ether	6.766	93	3531	0.438	ng	94
9) Naphthalene	10.105	128	8426	0.356	ng	99
10) Hexachlorobutadiene	10.415	225	1969	0.296	ng	# 100
12) 2-Methylnaphthalene	11.742	142	5618	0.363	ng	99
16) Acenaphthylene	13.688	152	8047	0.334	ng	100
17) Acenaphthene	14.030	154	5138	0.338	ng	# 87
18) Fluorene	15.035	166	6631	0.312	ng	98
20) 4,6-Dinitro-2-methylph...	15.131	198	262	0.378	ng	95
21) 4-Bromophenyl-phenylether	15.939	248	2264	0.371	ng	97
22) Hexachlorobenzene	16.051	284	2814	0.322	ng	98
23) Atrazine	16.237	200	929	0.362	ng	97
24) Pentachlorophenol	16.399	266	706	0.337	ng	97
25) Phenanthrene	16.771	178	10143	0.343	ng	100
26) Anthracene	16.870	178	8875	0.350	ng	99
28) Fluoranthene	18.820	202	10421	0.280	ng	99
30) Pyrene	19.187	202	9974	0.376	ng	99
32) Benzo(a)anthracene	21.017	228	8490	0.334	ng	99
33) Chrysene	21.017	228	8490	0.334	ng	99
34) Bis(2-ethylhexyl)phtha...	21.008	149	560	0.401	ng	# 62
36) Indeno(1,2,3-cd)pyrene	25.124	276	8459	0.376	ng	99
37) Benzo(b)fluoranthene	22.464	252	7319	0.307	ng	98
38) Benzo(k)fluoranthene	22.505	252	8291	0.329	ng	98
39) Benzo(a)pyrene	22.990	252	6610	0.363	ng	98
40) Dibenzo(a,h)anthracene	25.142	278	6393	0.376	ng	97
41) Benzo(g,h,i)perylene	25.741	276	7117	0.362	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035290.D
Acq On : 25 Nov 2024 18:44
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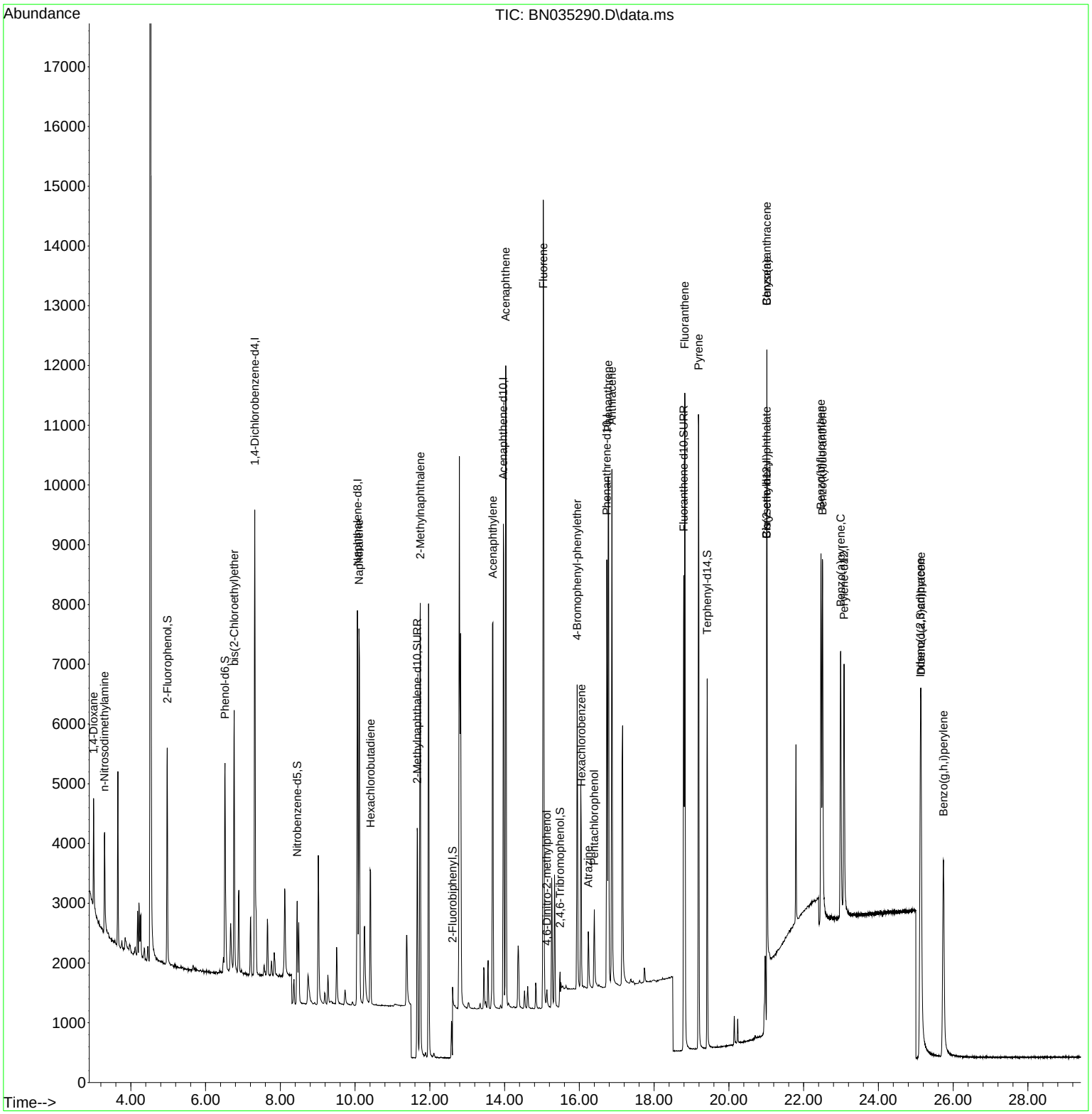
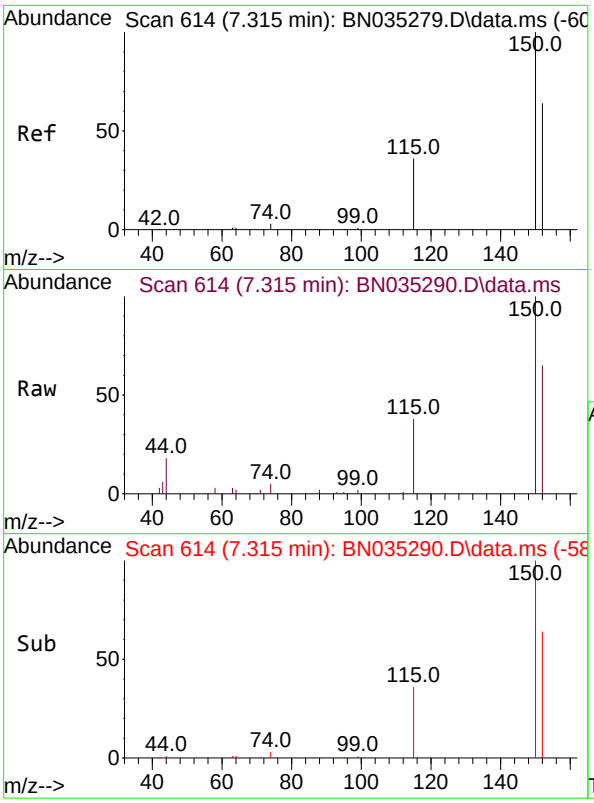
Sample : PB165150BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Quant Time: Nov 26 03:32:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 02:36:08 2024
Response via : Initial Calibration



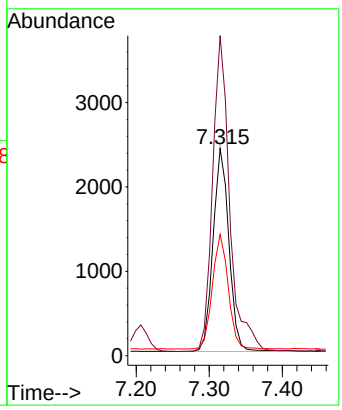


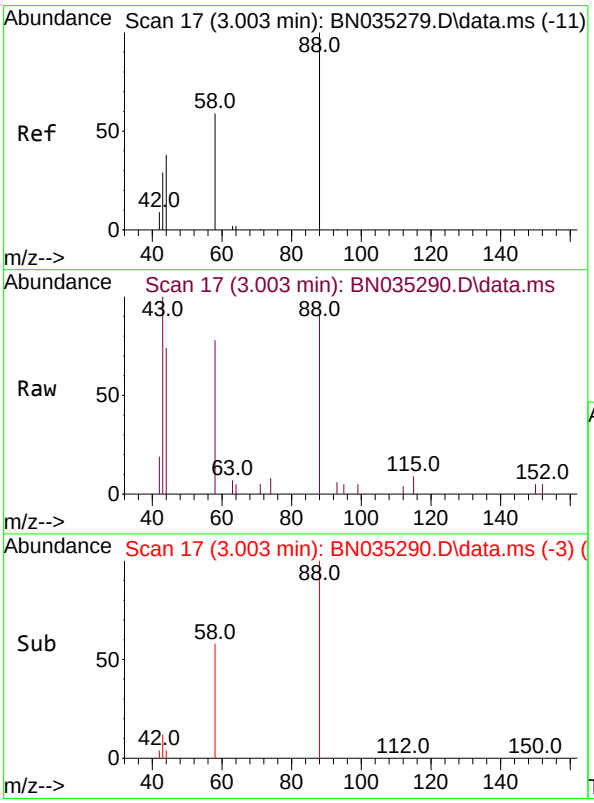
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.315 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:152 Resp: 3630

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.5	186.7
115	58.5	47.8	71.8

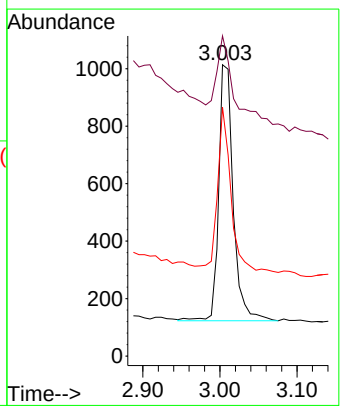


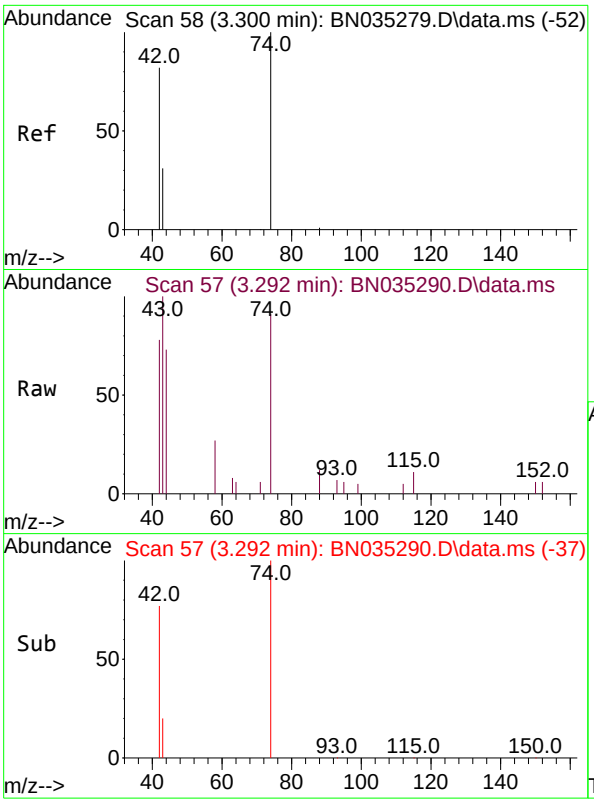


#2
1,4-Dioxane
Concen: 0.447 ng
RT: 3.003 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion: 88 Resp: 1166

Ion	Ratio	Lower	Upper
88	100		
43	41.9	48.1	72.1#
58	59.9	46.9	70.3



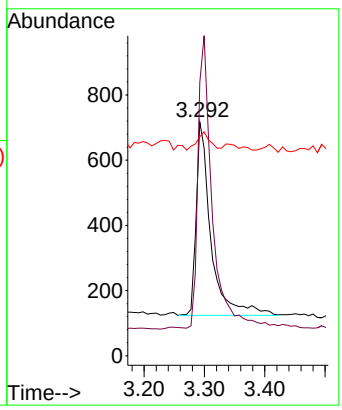


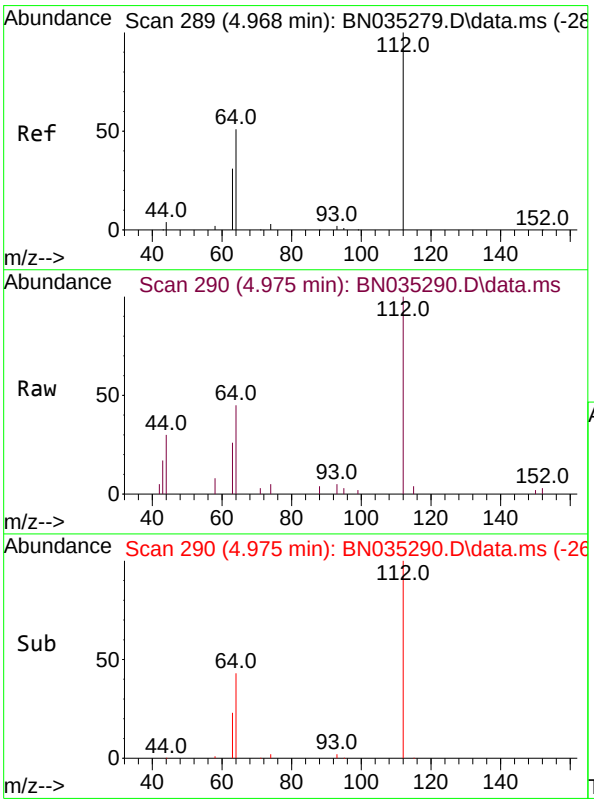
#3
n-Nitrosodimethylamine
Concen: 0.371 ng
RT: 3.292 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion: 42 Resp: 1003

Ion	Ratio	Lower	Upper
42	100		
74	147.2	102.7	154.1
44	8.2	34.1	51.1#

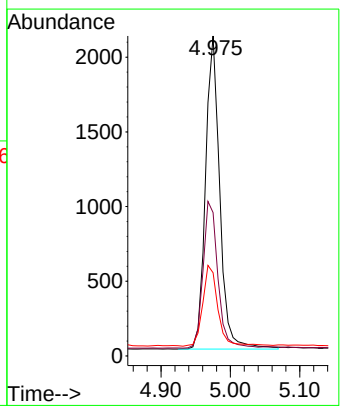


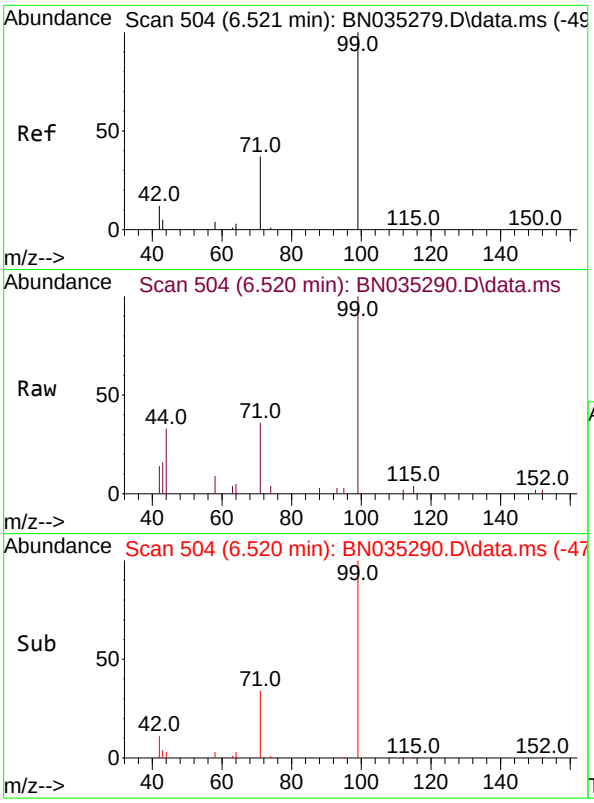


#4
2-Fluorophenol
Concen: 0.437 ng
RT: 4.975 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:112 Resp: 2994

Ion	Ratio	Lower	Upper
112	100		
64	48.5	40.4	60.6
63	27.5	23.8	35.8



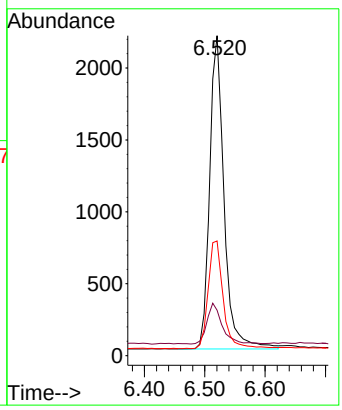


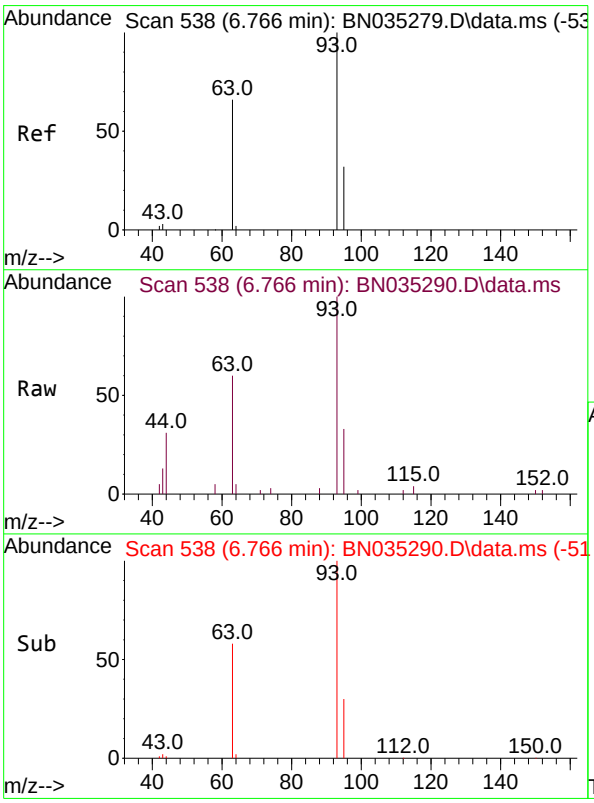
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.520 min Scan# 5(
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion: 99 Resp: 3620

Ion	Ratio	Lower	Upper
99	100		
42	13.8	12.8	19.2
71	35.9	31.4	47.2

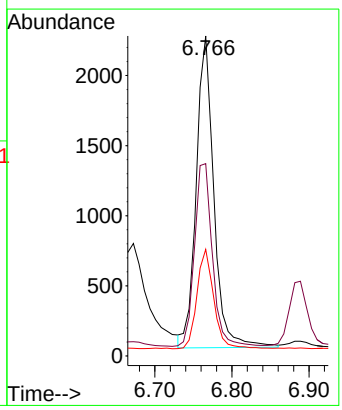


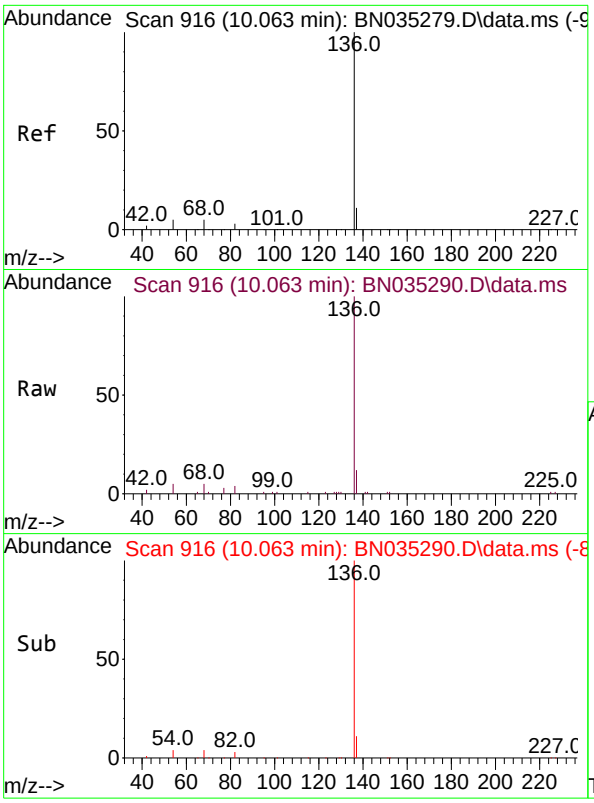


#6
bis(2-Chloroethyl)ether
Concen: 0.438 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion: 93 Resp: 3531

Ion	Ratio	Lower	Upper
93	100		
63	59.4	52.3	78.5
95	30.4	25.5	38.3



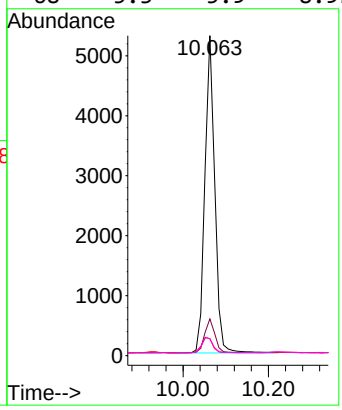


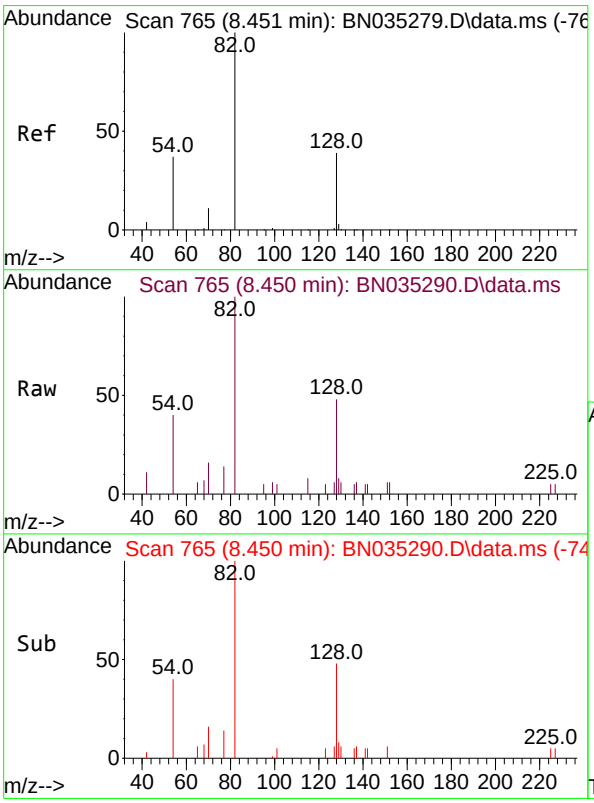
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.063 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:136 Resp: 8519

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	5.3	5.3	7.9
68	5.3	5.9	8.9#

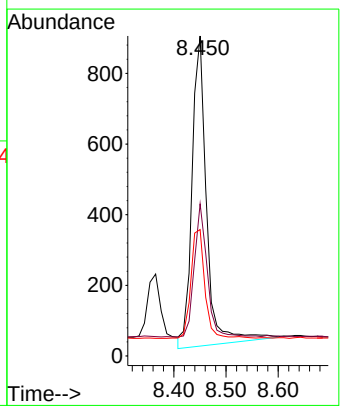


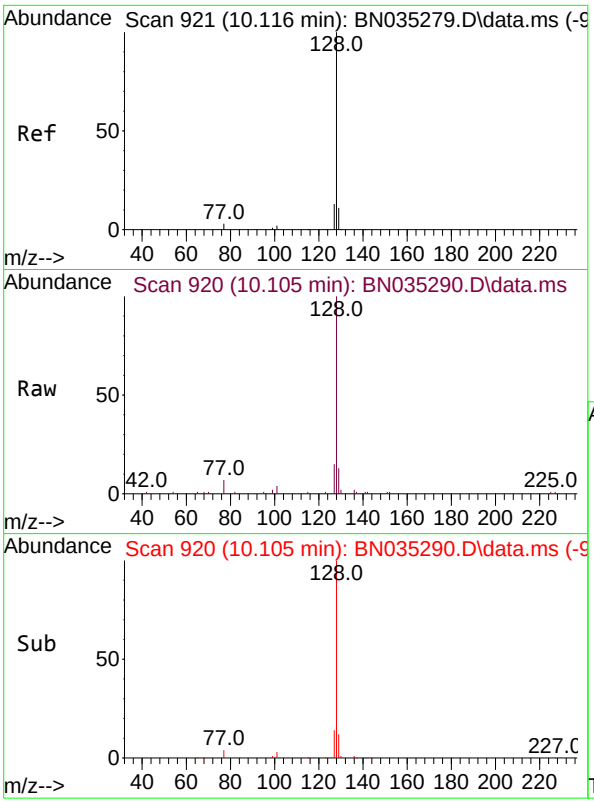


#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.450 min Scan# 765
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion: 82 Resp: 1711

Ion	Ratio	Lower	Upper
82	100		
128	47.6	33.0	49.4
54	39.5	33.3	49.9



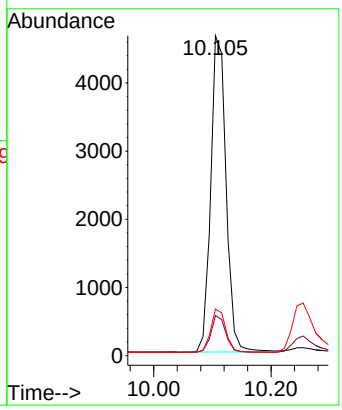


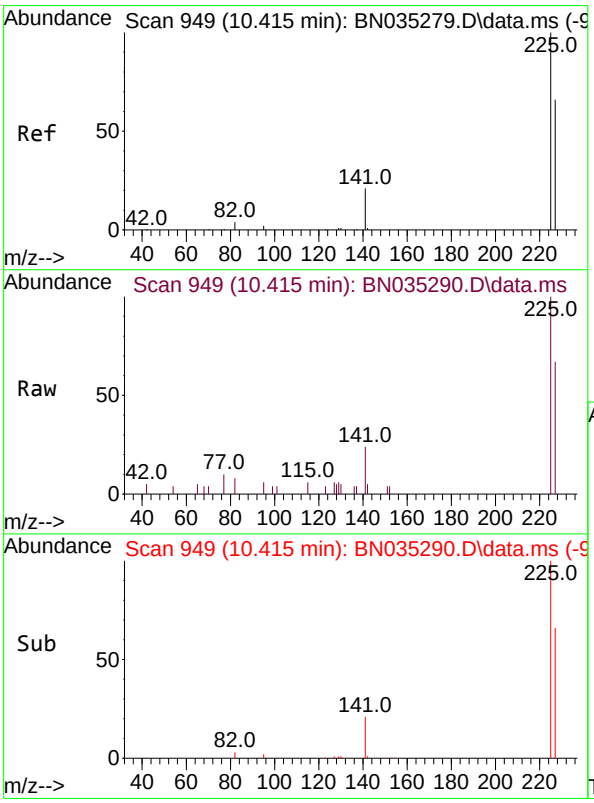
#9
Naphthalene
Concen: 0.356 ng
RT: 10.105 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:128 Resp: 8426

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.6	14.4
127	14.6	11.3	16.9

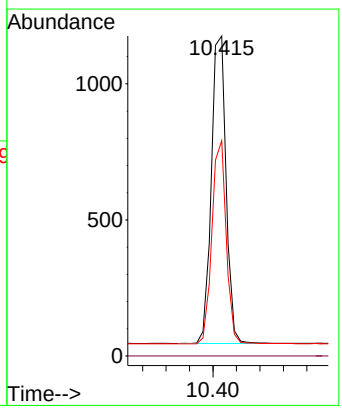


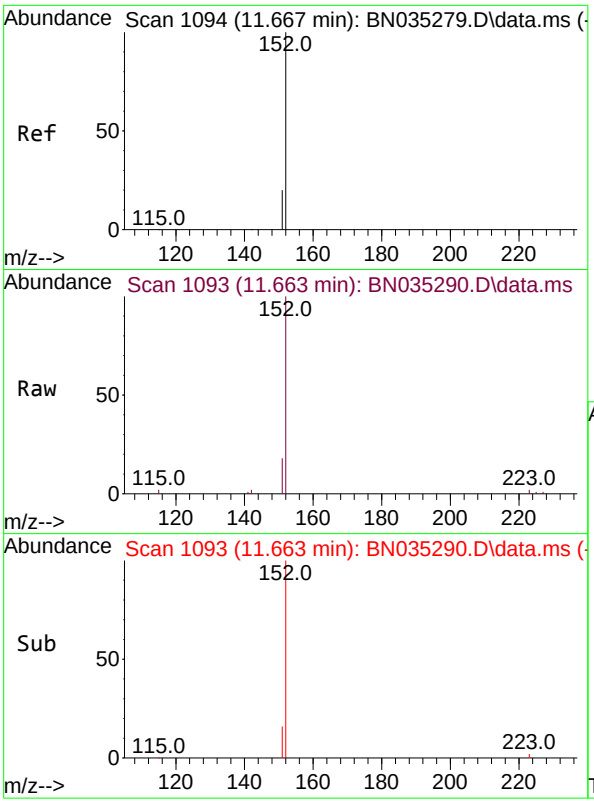


#10
Hexachlorobutadiene
Concen: 0.296 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:225 Resp: 1969

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.3	76.9



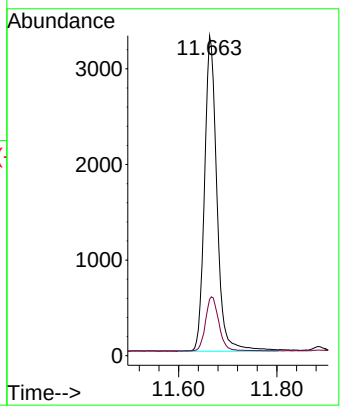


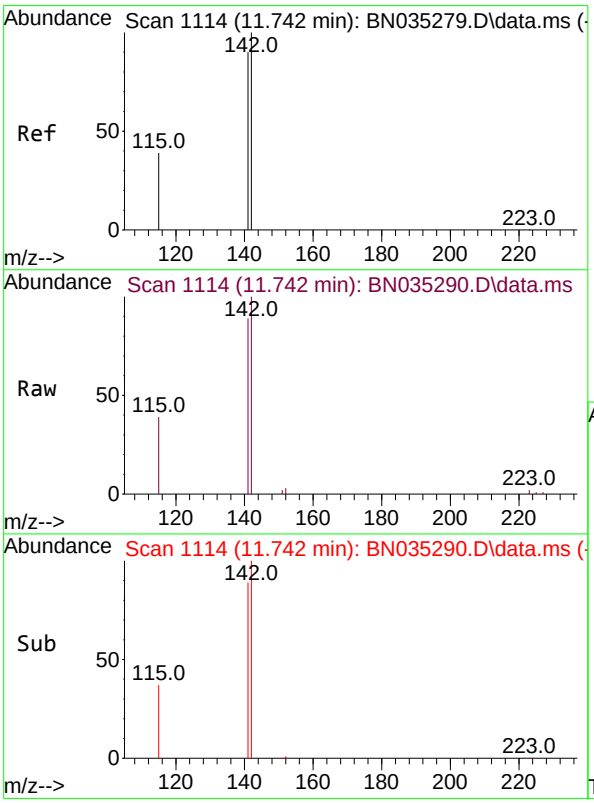
#11
2-Methylnaphthalene-d10
Concen: 0.483 ng
RT: 11.663 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:152 Resp: 5762

Ion	Ratio	Lower	Upper
152	100		
151	18.4	17.2	25.8

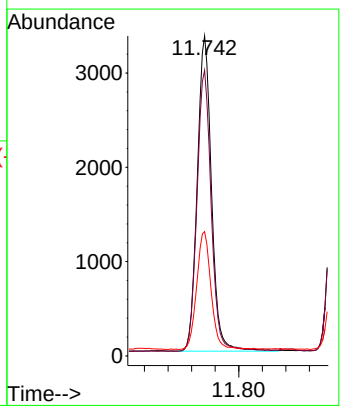


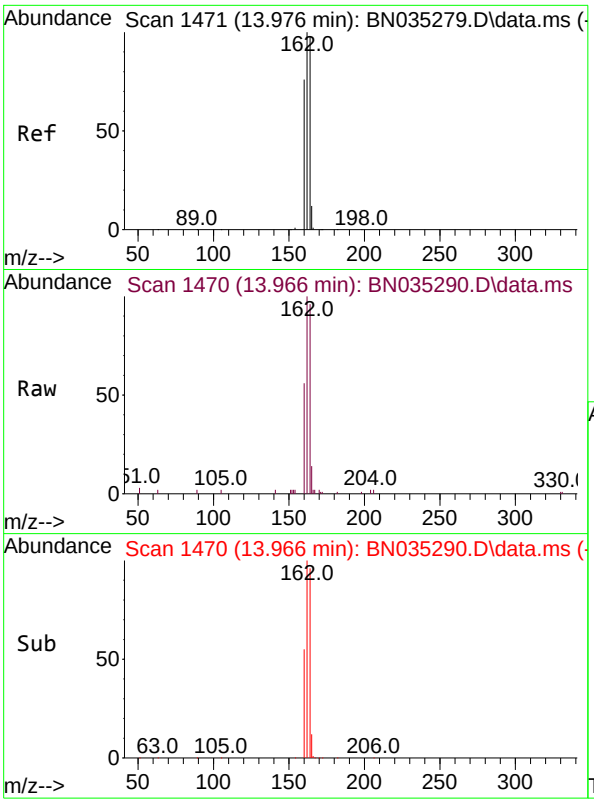


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 11.742 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:142 Resp: 5618

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.8	107.8
115	38.8	32.6	49.0



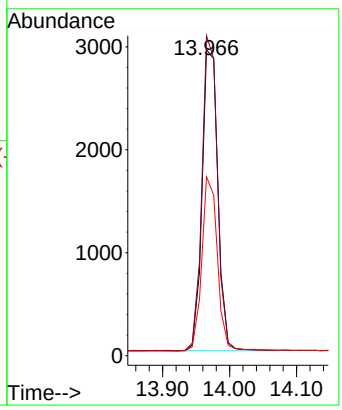


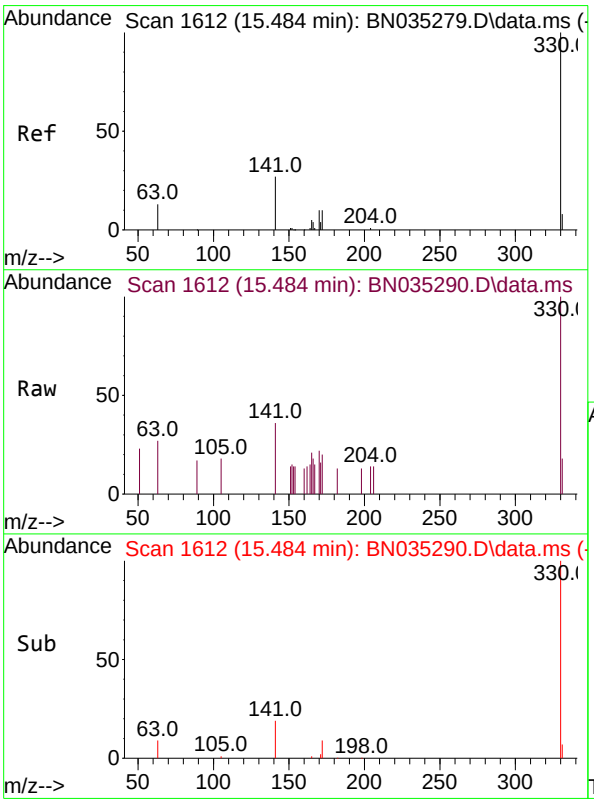
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.966 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:164 Resp: 4791

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.0	123.0
160	58.5	63.0	94.4#

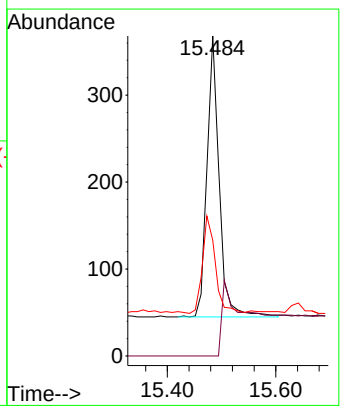


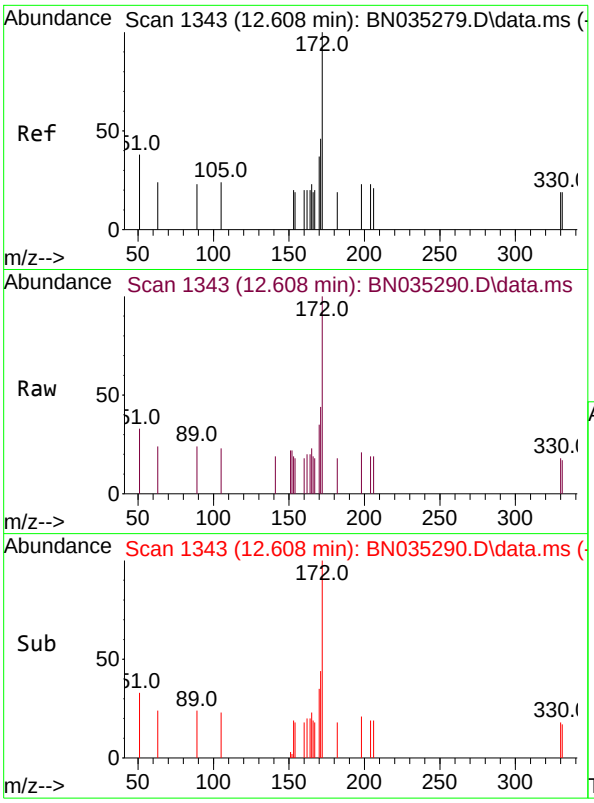


#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.484 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:330 Resp: 538

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	32.4	48.6



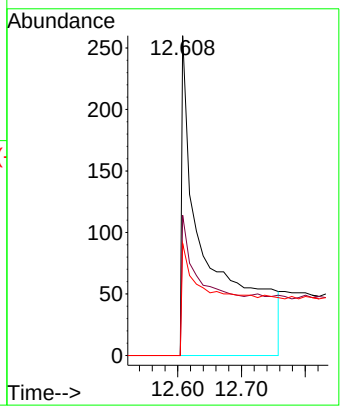


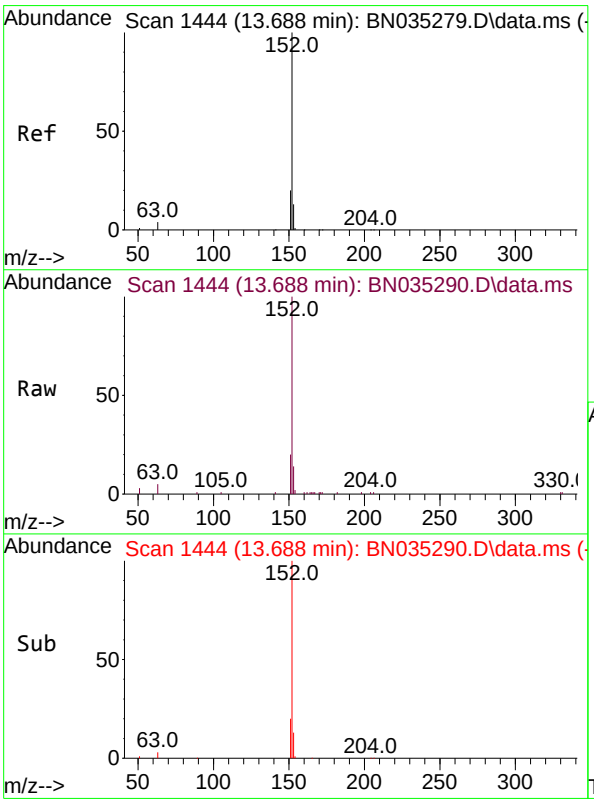
#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.608 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:172 Resp: 722

Ion	Ratio	Lower	Upper
172	100		
171	43.8	36.6	55.0
170	35.0	29.7	44.5

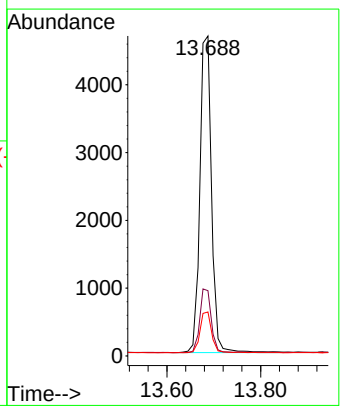


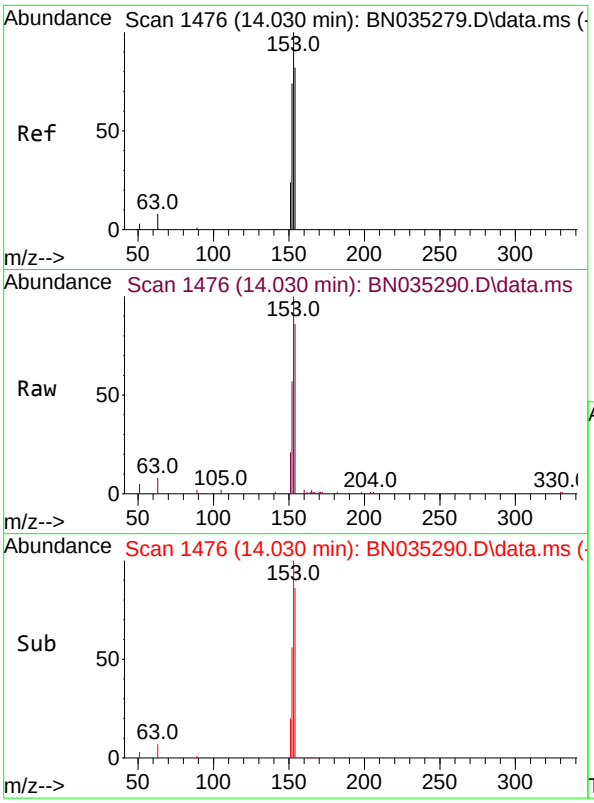


#16
Acenaphthylene
Concen: 0.334 ng
RT: 13.688 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:152 Resp: 8047

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	12.8	10.2	15.4



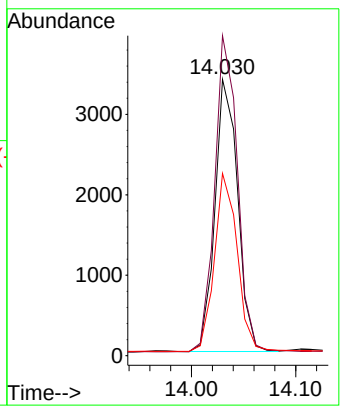


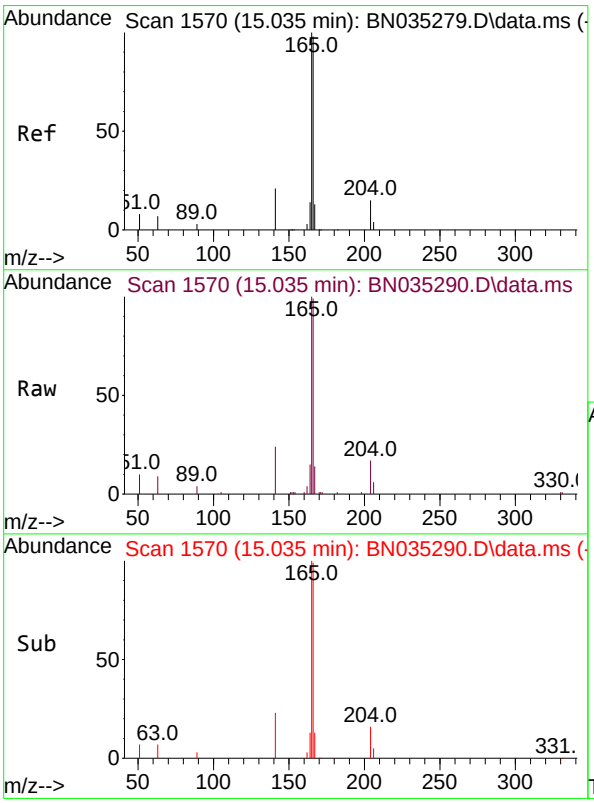
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.030 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:154 Resp: 5138

Ion	Ratio	Lower	Upper
154	100		
153	116.2	96.1	144.1
152	66.0	72.2	108.2#

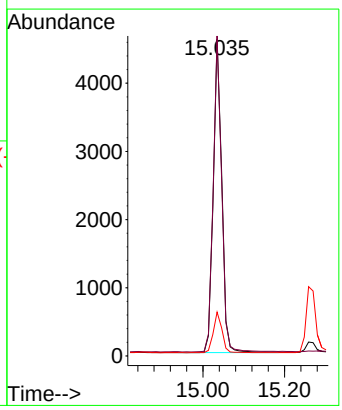


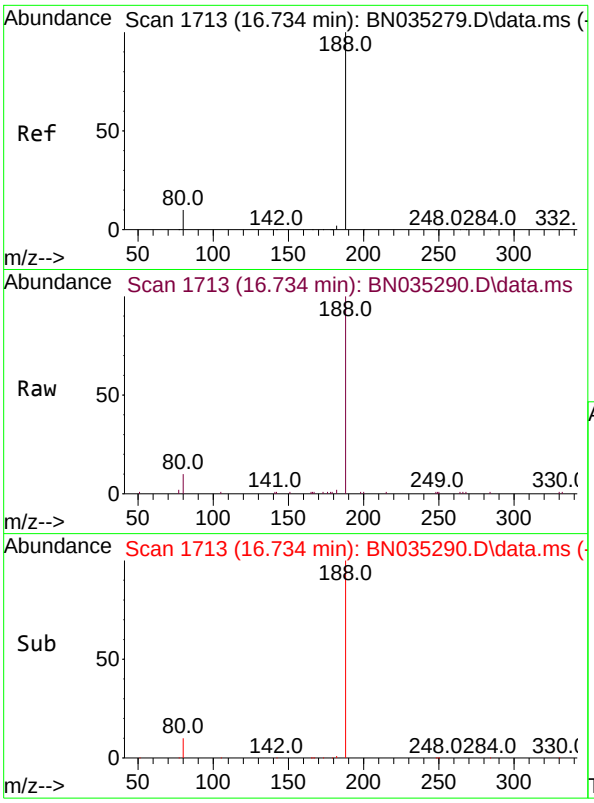


#18
Fluorene
Concen: 0.312 ng
RT: 15.035 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:166 Resp: 6631

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.2	121.8
167	13.4	10.5	15.7



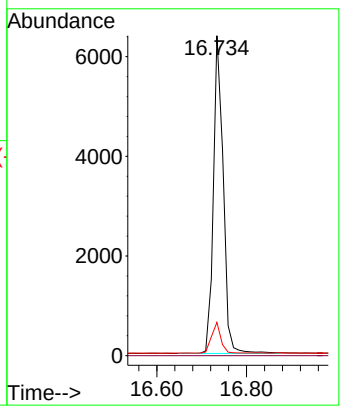


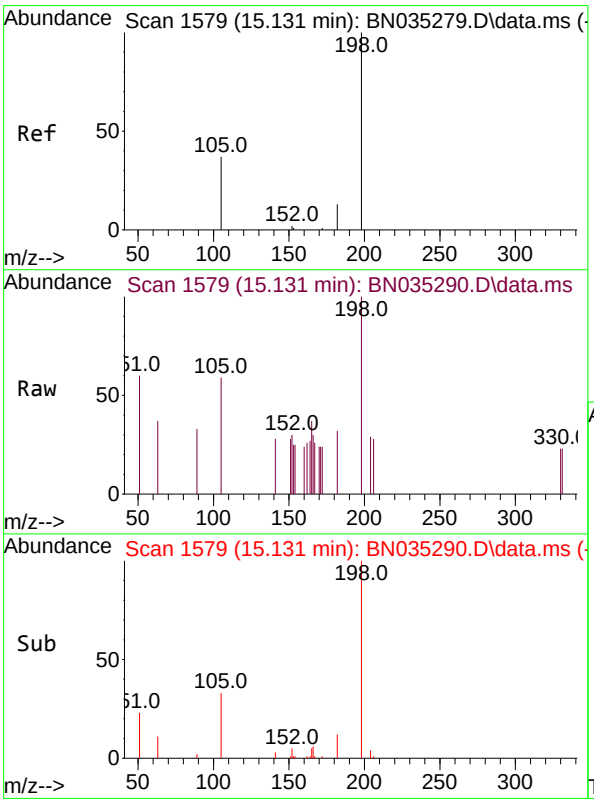
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:188 Resp: 9614

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	8.9	13.3

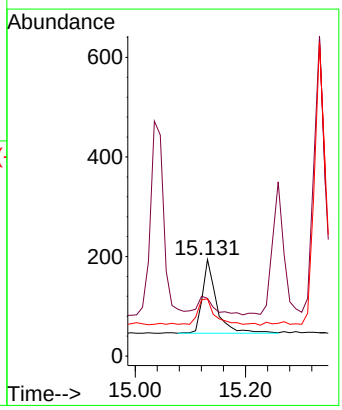


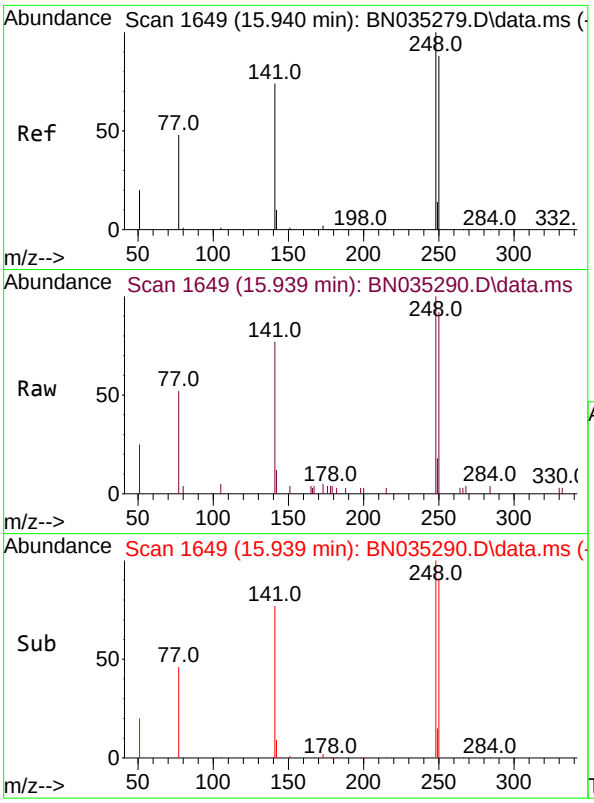


#20
4,6-Dinitro-2-methylphenol
Concen: 0.378 ng
RT: 15.131 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:198 Resp: 262

Ion	Ratio	Lower	Upper
198	100		
51	59.8	53.6	80.4
105	59.3	47.4	71.2



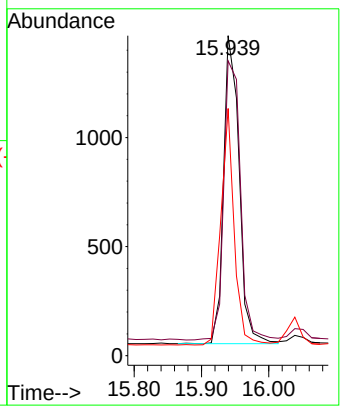


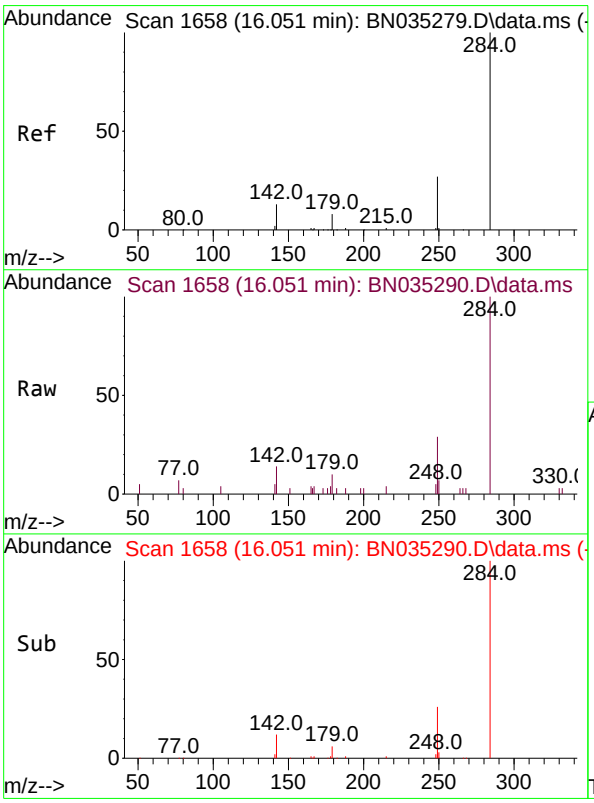
#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 15.939 min Scan# 1(
Delta R.T. -0.001 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:248 Resp: 2264

Ion	Ratio	Lower	Upper
248	100		
250	92.2	74.8	112.2
141	77.2	59.0	88.4

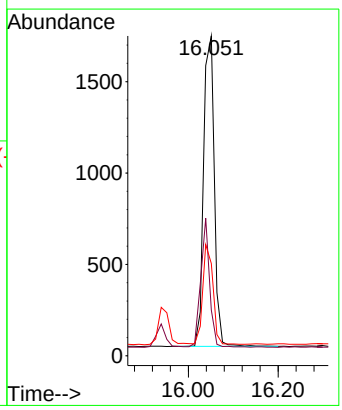


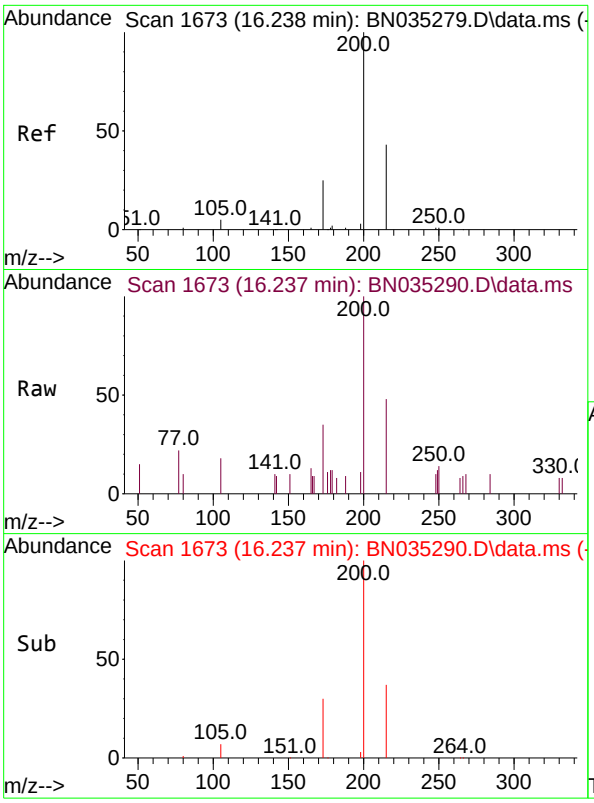


#22
Hexachlorobenzene
Concen: 0.322 ng
RT: 16.051 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:284 Resp: 2814

Ion	Ratio	Lower	Upper
284	100		
142	34.5	28.7	43.1
249	30.6	25.4	38.0



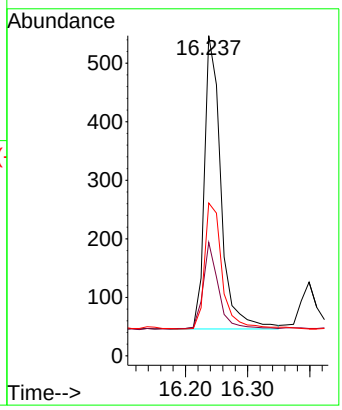


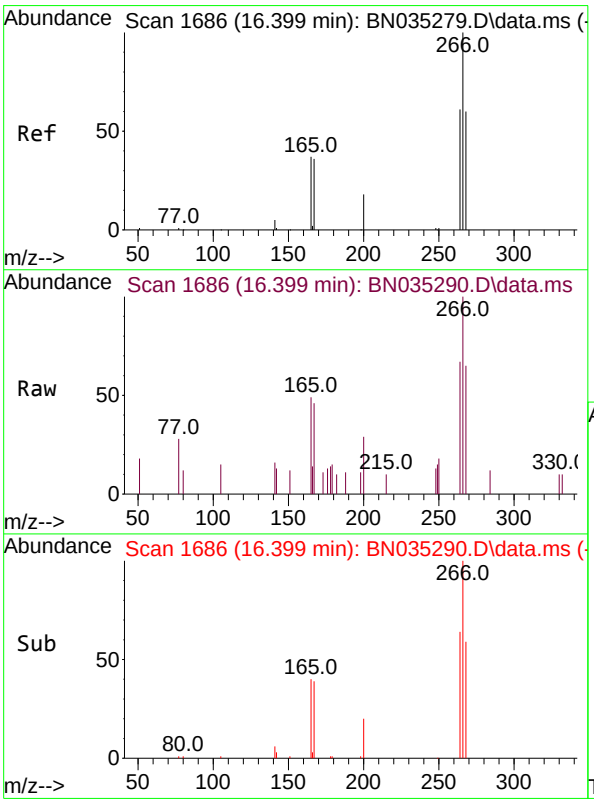
#23
Atrazine
Concen: 0.362 ng
RT: 16.237 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:200 Resp: 929

Ion	Ratio	Lower	Upper
200	100		
173	35.5	25.8	38.8
215	47.7	38.6	58.0

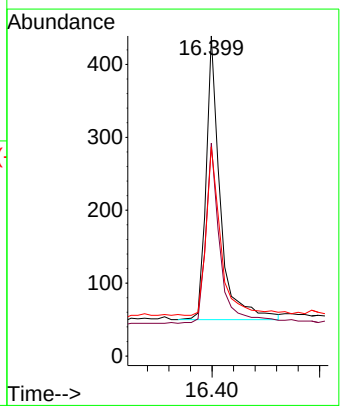


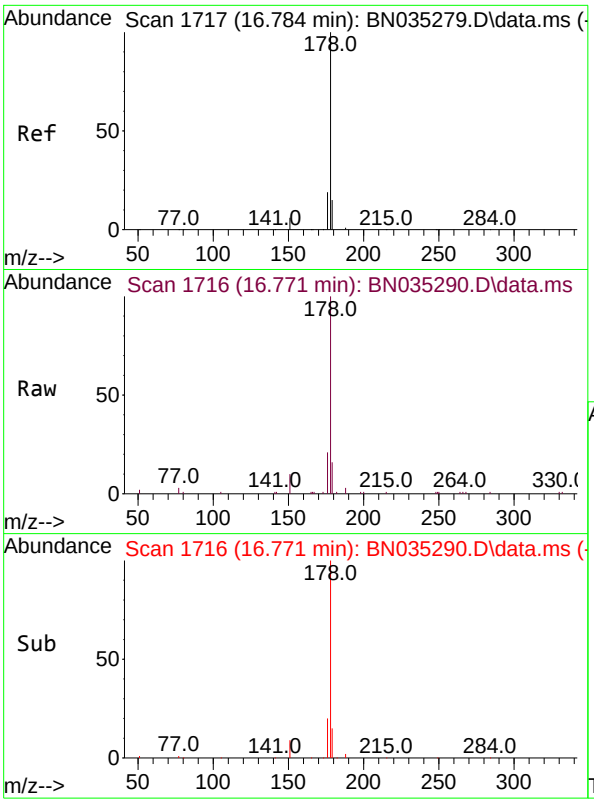


#24
Pentachlorophenol
Concen: 0.337 ng
RT: 16.399 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:266 Resp: 706

Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.3	73.9
268	62.0	48.6	73.0



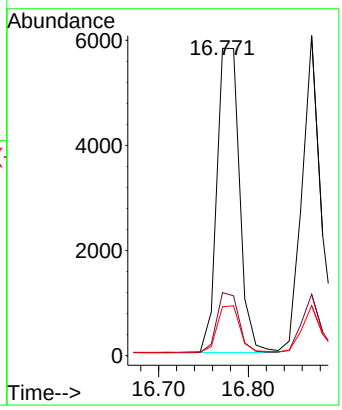


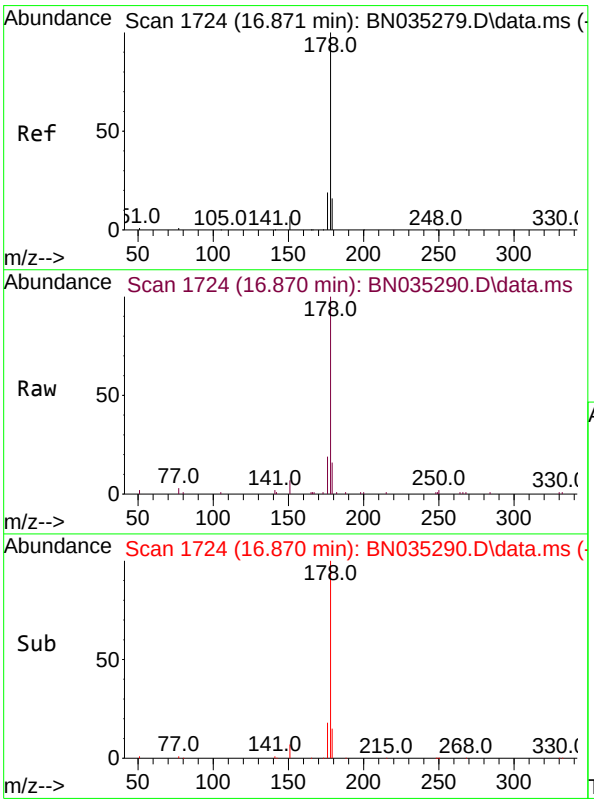
#25
Phenanthrene
Concen: 0.343 ng
RT: 16.771 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:178 Resp: 10143

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.6	18.8

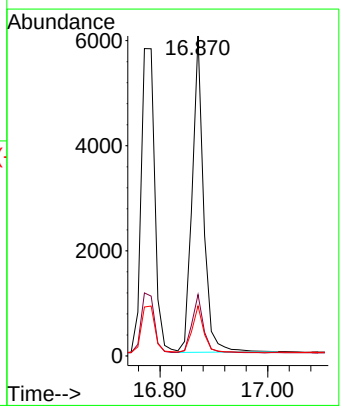


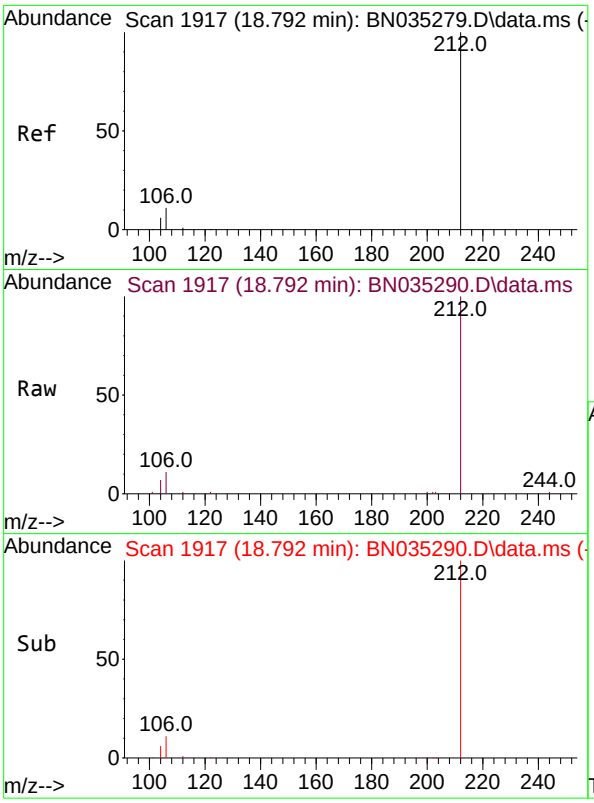


#26
Anthracene
Concen: 0.350 ng
RT: 16.870 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:178 Resp: 8875

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.8	12.4	18.6



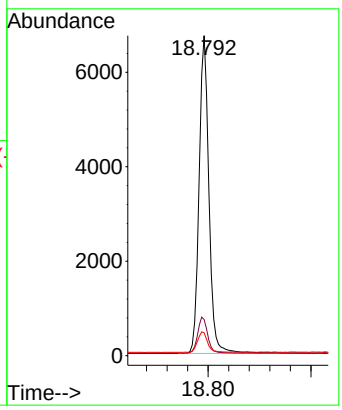


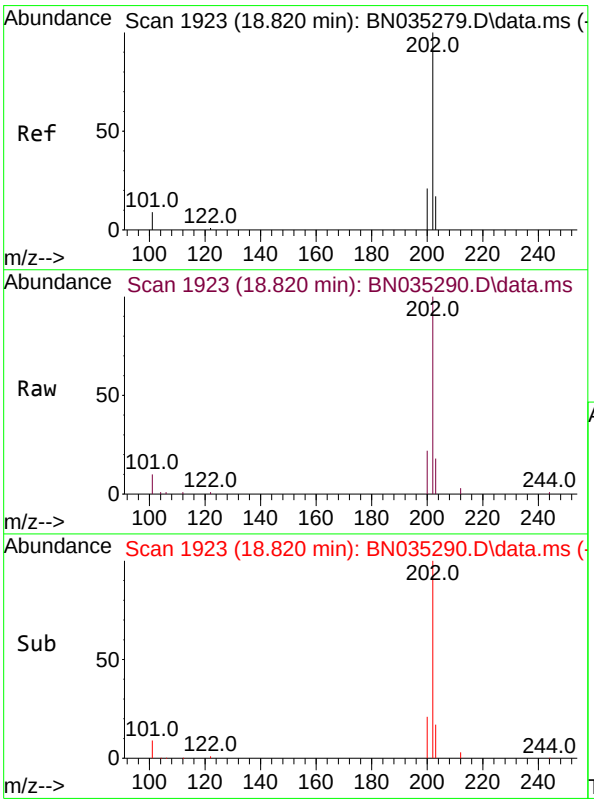
#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 18.792 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:212 Resp: 8963

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.8	14.8
104	6.7	5.6	8.4

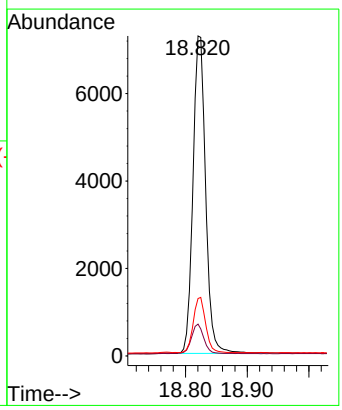


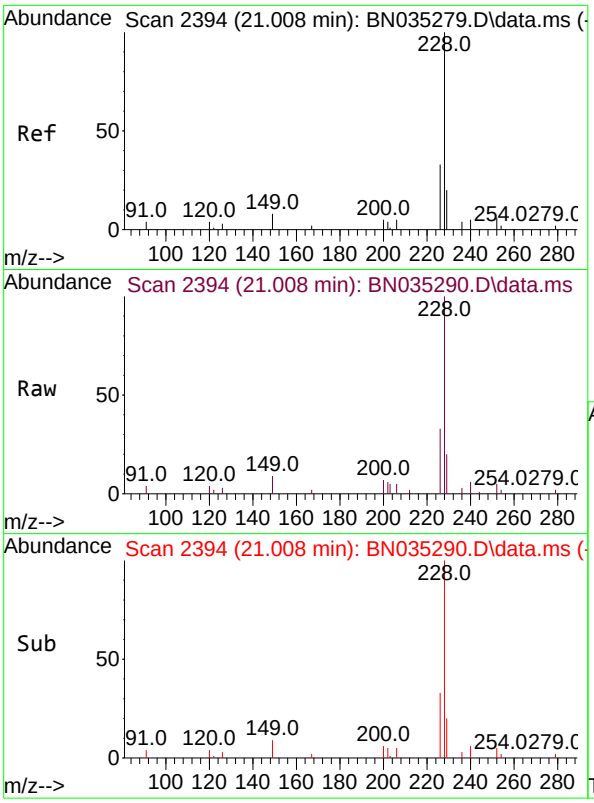


#28
Fluoranthene
Concen: 0.280 ng
RT: 18.820 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:202 Resp: 10421

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.6	11.4
203	16.9	13.8	20.8



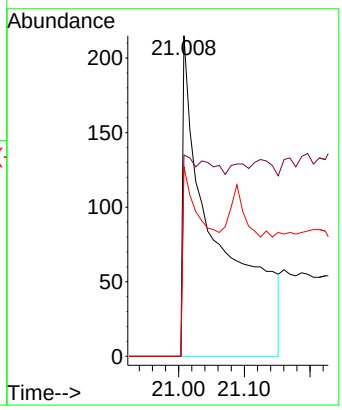


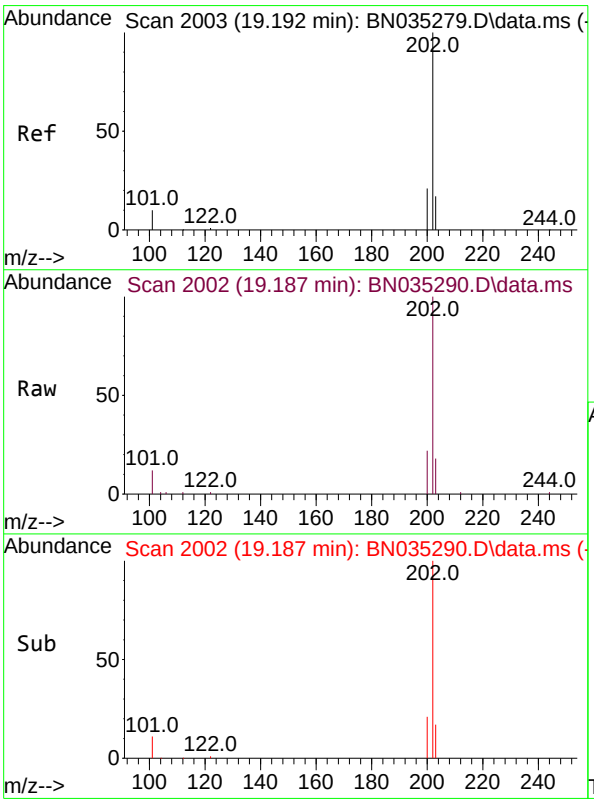
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:240 Resp: 730

Ion	Ratio	Lower	Upper
240	100		
120	62.8	54.9	82.3
236	59.1	54.0	81.0

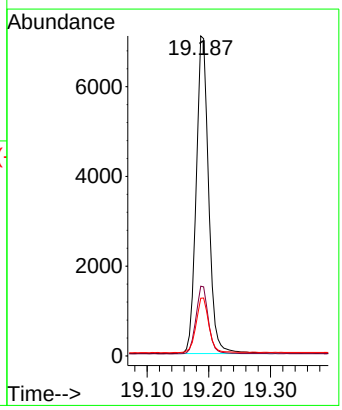


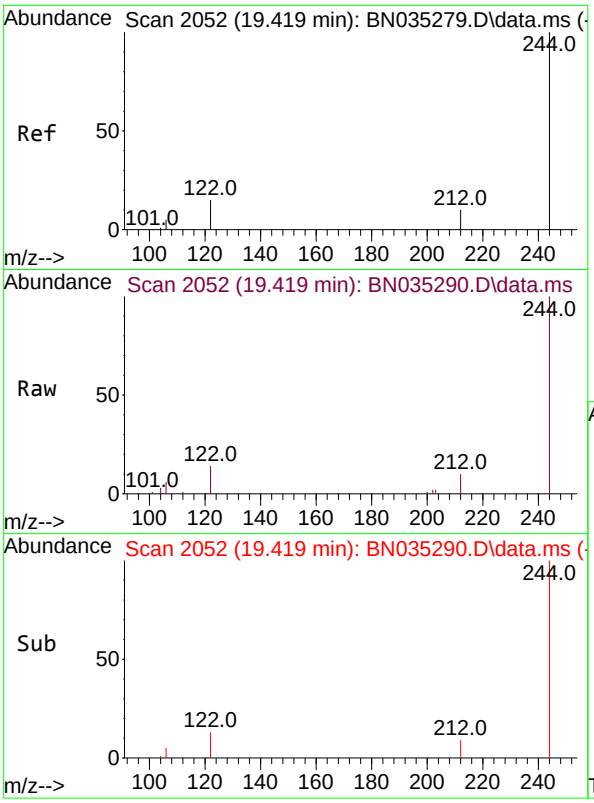


#30
Pyrene
Concen: 0.376 ng
RT: 19.187 min Scan# 2002
Delta R.T. -0.005 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:202 Resp: 9974

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.6	14.4	21.6



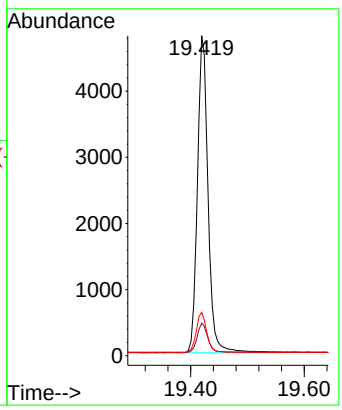


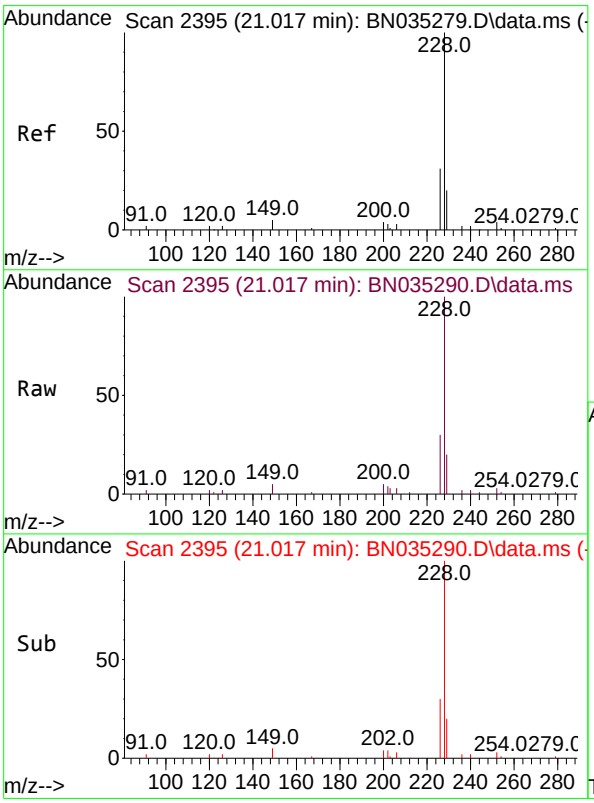
#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.419 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:244 Resp: 6215

Ion	Ratio	Lower	Upper
244	100		
212	10.2	9.4	14.0
122	13.6	13.0	19.4

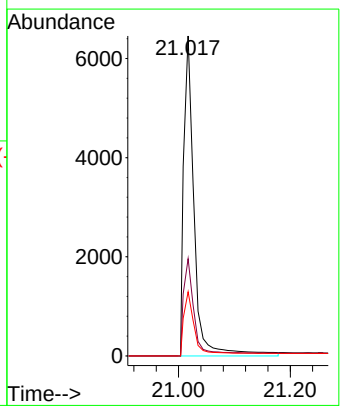


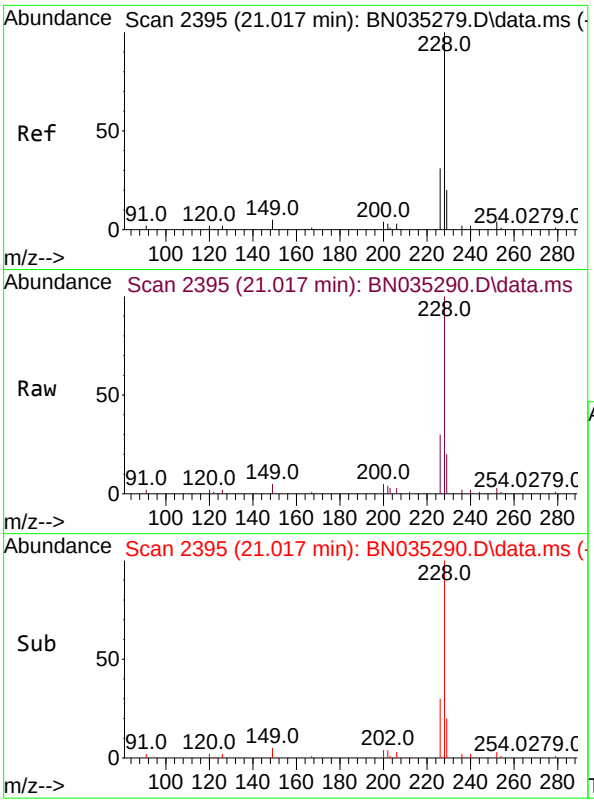


#32
Benzo(a)anthracene
Concen: 0.334 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:228 Resp: 8490

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	20.1	16.2	24.2



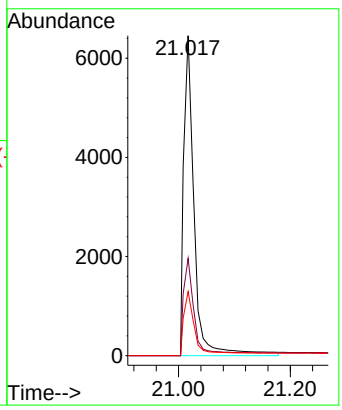


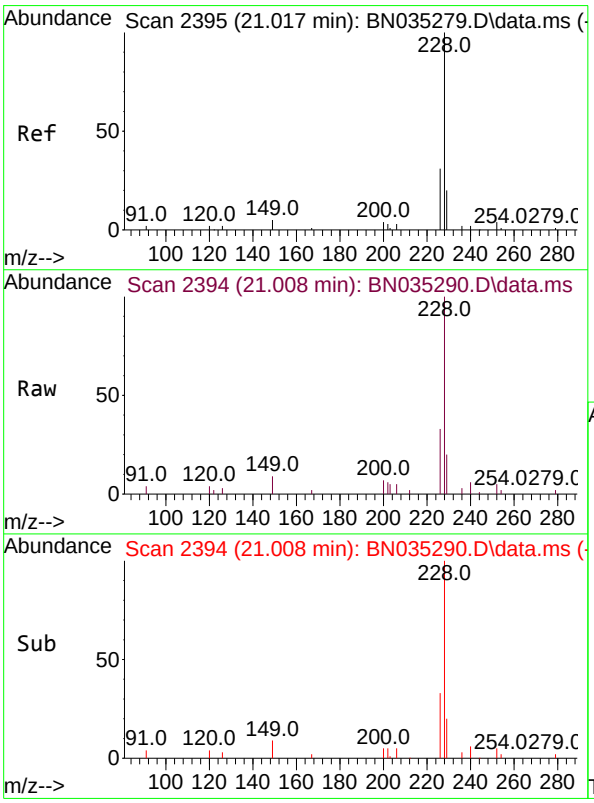
#33
Chrysene
Concen: 0.334 ng
RT: 21.017 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:228 Resp: 8490

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	20.1	16.2	24.2

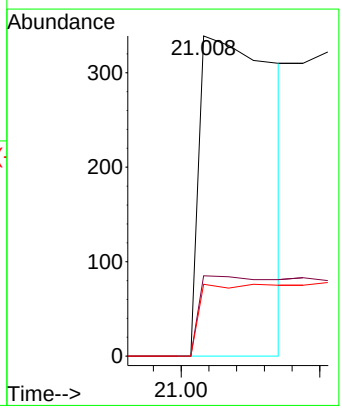


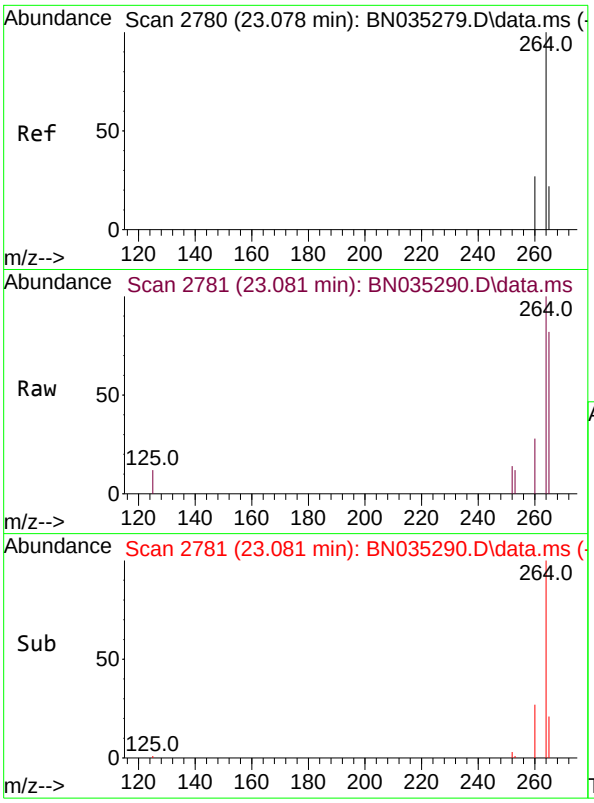


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.401 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:149 Resp: 560

Ion	Ratio	Lower	Upper
149	100		
167	25.7	0.0	0.0#
279	0.0	13.0	19.6#



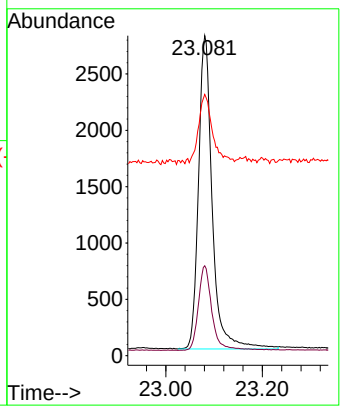


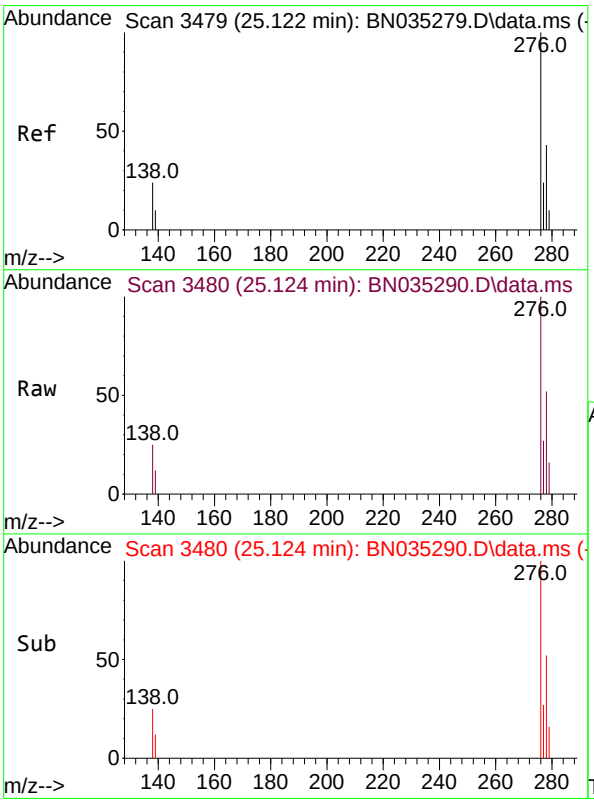
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.081 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:264 Resp: 5488

Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.3	33.5
265	81.7	68.6	103.0

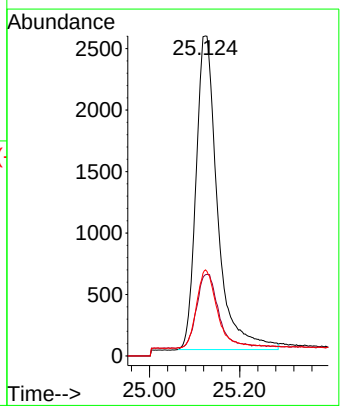


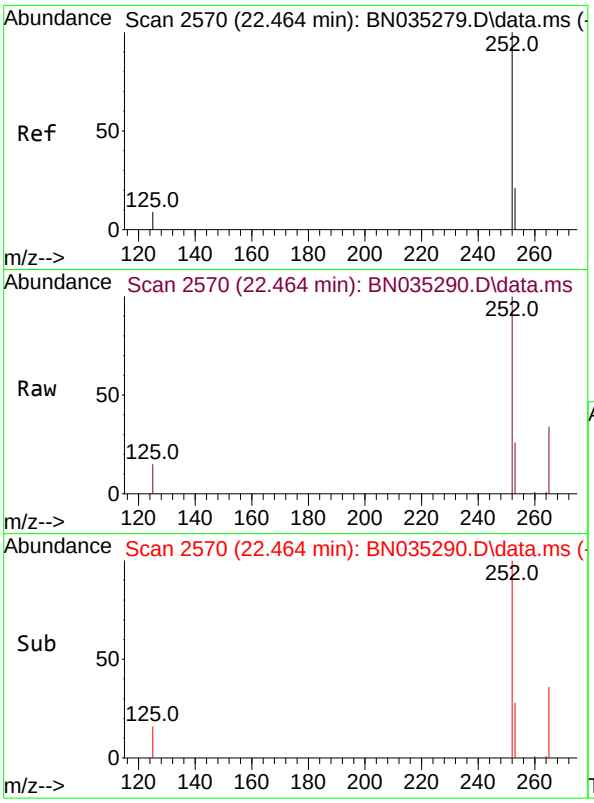


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 25.124 min Scan# 3480
Delta R.T. 0.003 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:276 Resp: 8459

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.8	28.2
277	23.4	18.2	27.4



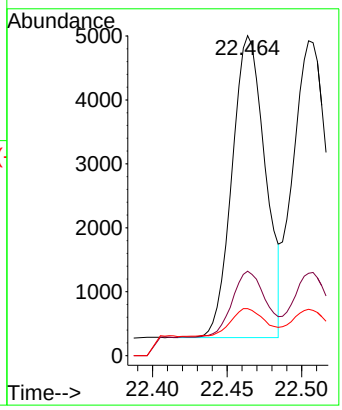


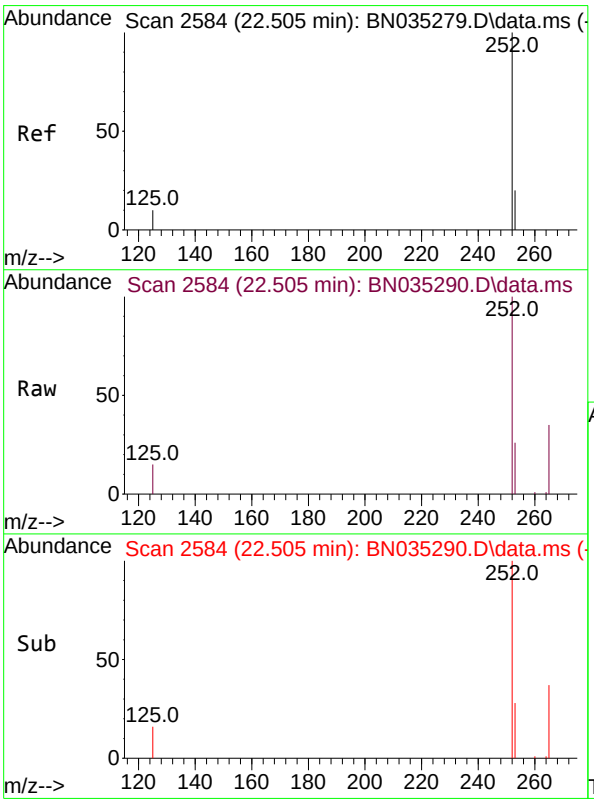
#37
Benzo(b)fluoranthene
Concen: 0.307 ng
RT: 22.464 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:252 Resp: 7319

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.2	30.2
125	14.7	12.0	18.0

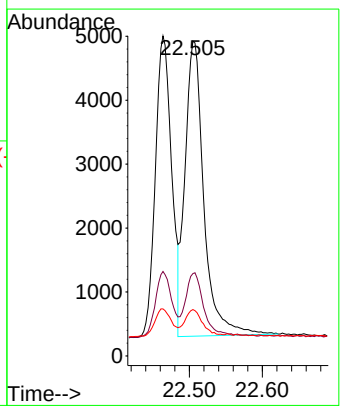


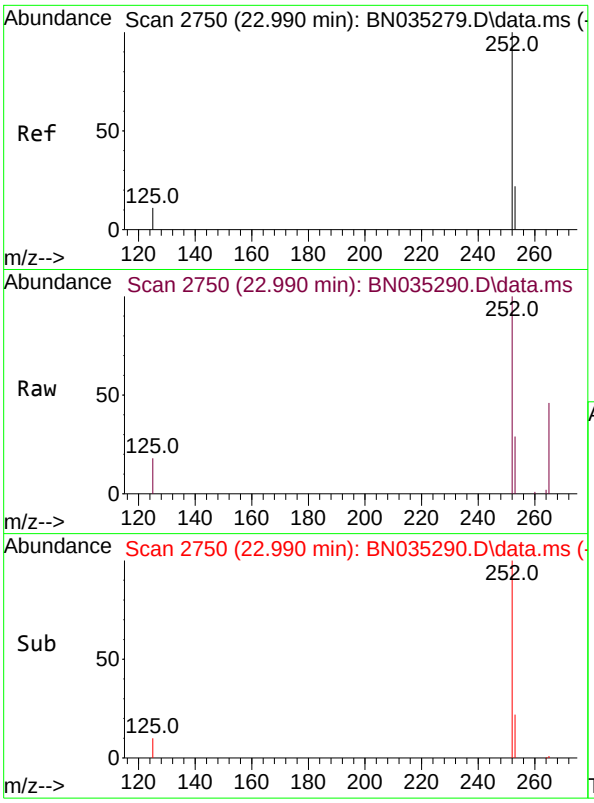


#38
Benzo(k)fluoranthene
Concen: 0.329 ng
RT: 22.505 min Scan# 2584
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:252 Resp: 8291

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.1	30.1
125	14.8	12.7	19.1



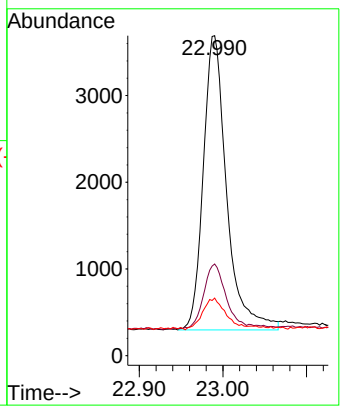


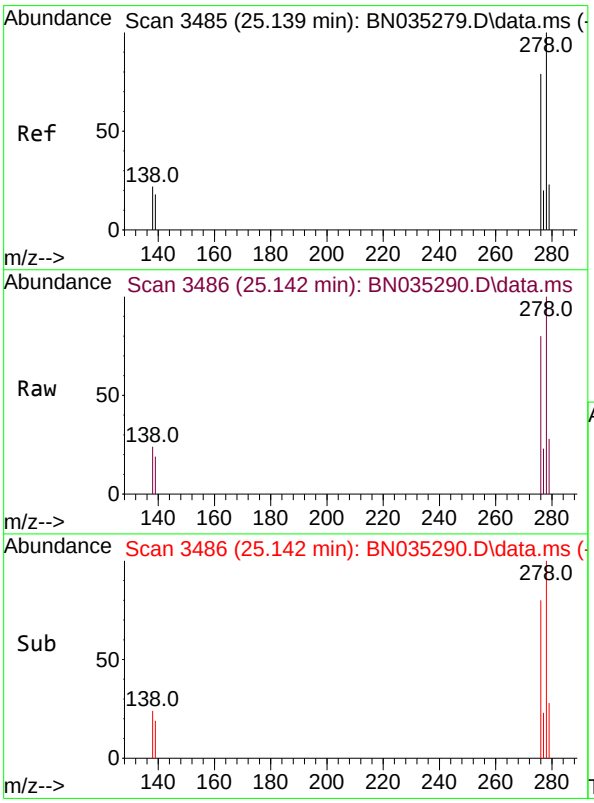
#39
Benzo(a)pyrene
Concen: 0.363 ng
RT: 22.990 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:252 Resp: 6610

Ion	Ratio	Lower	Upper
252	100		
253	28.7	22.3	33.5
125	18.0	15.3	22.9

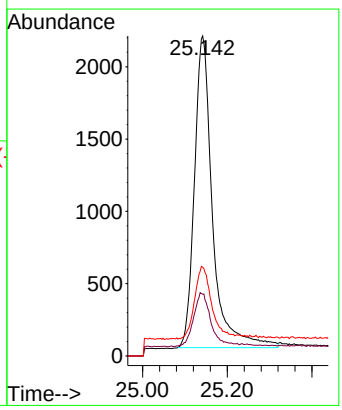


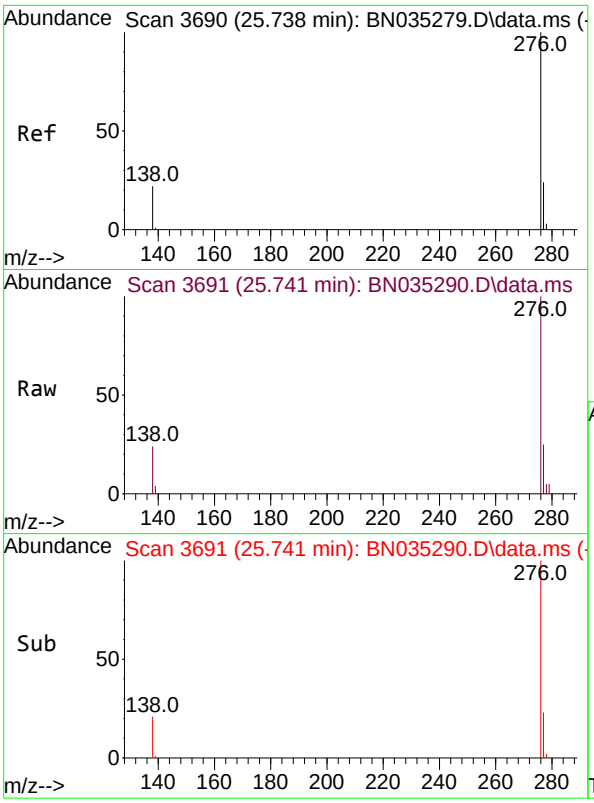


#40
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 25.142 min Scan# 3486
Delta R.T. 0.003 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Tgt Ion:278 Resp: 6393

Ion	Ratio	Lower	Upper
278	100		
139	19.3	17.0	25.6
279	27.7	23.0	34.4





#41
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 25.741 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN035290.D
Acq: 25 Nov 2024 18:44

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Tgt Ion:276 Resp: 7117

Ion	Ratio	Lower	Upper
276	100		
277	25.1	21.1	31.7
138	23.7	19.8	29.8