Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030782.D
Acq On : 08 Apr 2024 23:15
Operator : MA/JU
Sample : PB160073BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Quant Time: Apr 16 13:38:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 11 12:30:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.682	152	5629	0.400	ng		-0.02
7) Naphthalene-d8	10.464	136	17522	0.400	ng		-0.02
13) Acenaphthene-d10	14.327	164	11162	0.400	ng		-0.01
19) Phenanthrene-d10	17.065	188	28257	0.400	ng		#-0.02
29) Chrysene-d12	21.267	240	25496	0.400	ng		-0.02
35) Perylene-d12	23.501	264	21394	0.400	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	5651	0.461	ng		-0.01
5) Phenol-d6	6.859	99	6303	0.400	ng		-0.01
8) Nitrobenzene-d5	8.830	82	3977	0.323	ng		-0.02
11) 2-Methylnaphthalene-d10	12.058	152	10088	0.376	ng		-0.02
14) 2,4,6-Tribromophenol	15.824	330	1765	0.419	ng		-0.01
15) 2-Fluorobiphenyl	12.948	172	13417	0.311	ng		-0.02
27) Fluoranthene-d10	19.107	212	24842	0.326	ng		-0.02
31) Terphenyl-d14	19.711	244	20734	0.352	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	2188	0.322	ng	#	39
3) n-Nitrosodimethylamine	3.529	42	1806	0.275	ng		89
6) bis(2-Chloroethyl)ether	7.119	93	5161	0.332	ng		96
9) Naphthalene	10.517	128	15606	0.321	ng		99
10) Hexachlorobutadiene	10.795	225	2996	0.302	ng	#	98
12) 2-Methylnaphthalene	12.134	142	10438	0.327	ng		98
16) Acenaphthylene	14.038	152	15189	0.300	ng		99
17) Acenaphthene	14.380	154	10675	0.305	ng		98
18) Fluorene	15.375	166	14761	0.324	ng		100
20) 4,6-Dinitro-2-methylph...	15.460	198	765	0.348	ng	#	88
21) 4-Bromophenyl-phenylether	16.271	248	4785	0.280	ng	#	78
22) Hexachlorobenzene	16.370	284	5995	0.294	ng		99
23) Atrazine	16.556	200	3244	0.261	ng		97
24) Pentachlorophenol	16.718	266	1705	0.374	ng		97
25) Phenanthrene	17.115	178	26793	0.320	ng		98
26) Anthracene	17.202	178	21132	0.301	ng		99
28) Fluoranthene	19.135	202	31160	0.313	ng		100
30) Pyrene	19.502	202	34218	0.343	ng		100
32) Benzo(a)anthracene	21.249	228	28054	0.311	ng		100
33) Chrysene	21.303	228	29128	0.301	ng		99
34) Bis(2-ethylhexyl)phtha...	21.187	149	13961	0.356	ng		100
36) Indeno(1,2,3-cd)pyrene	25.761	276	24254	0.256	ng		99
37) Benzo(b)fluoranthene	22.875	252	25380	0.292	ng		98
38) Benzo(k)fluoranthene	22.875	252	27166	0.311	ng		97
39) Benzo(a)pyrene	23.404	252	22397	0.321	ng	#	91
40) Dibenzo(a,h)anthracene	25.781	278	18876	0.251	ng		98
41) Benzo(g,h,i)perylene	26.448	276	20855	0.258	ng		100

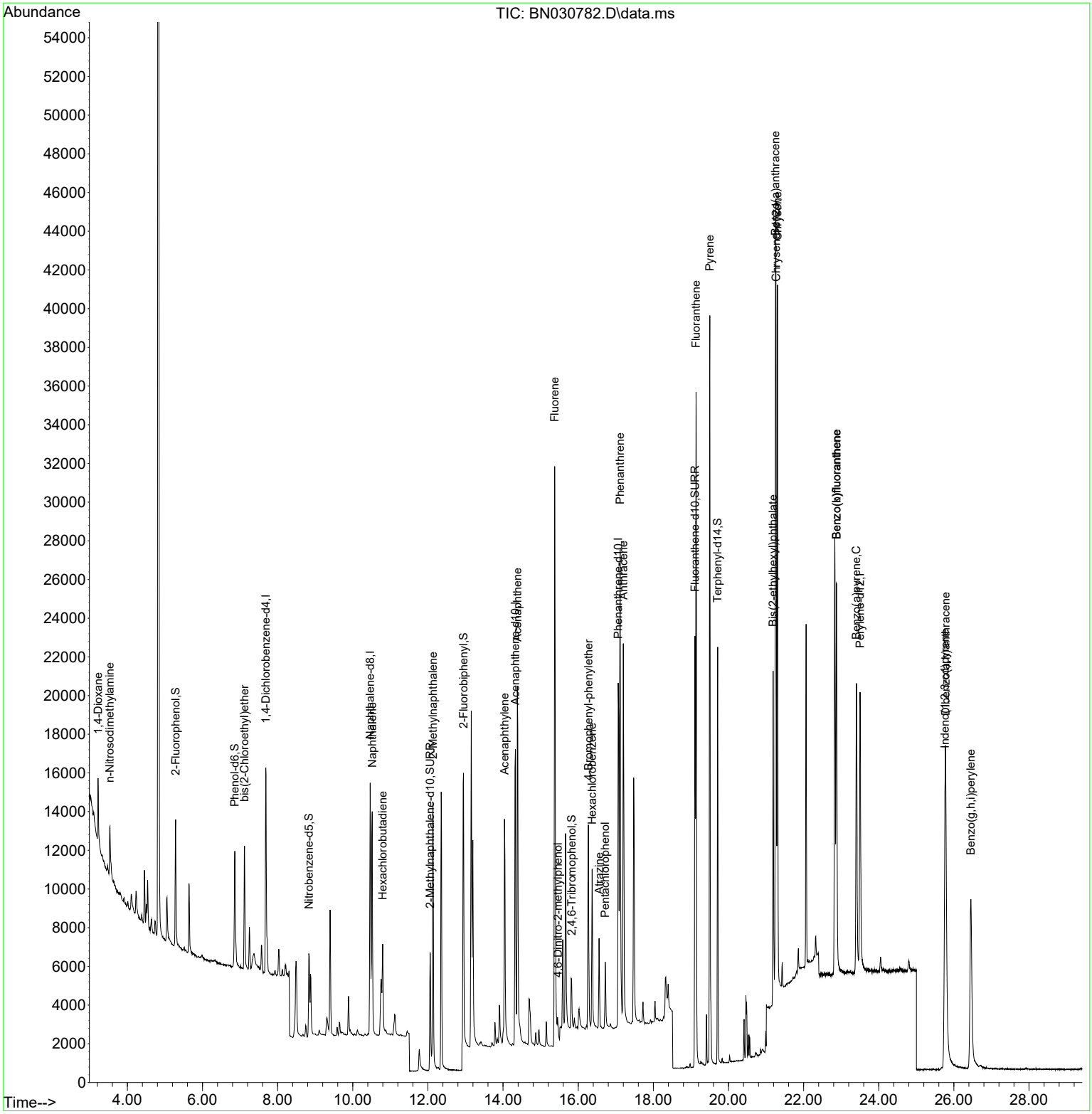
(#) = qualifier out of range (m) = manual integration (+) = signals summed

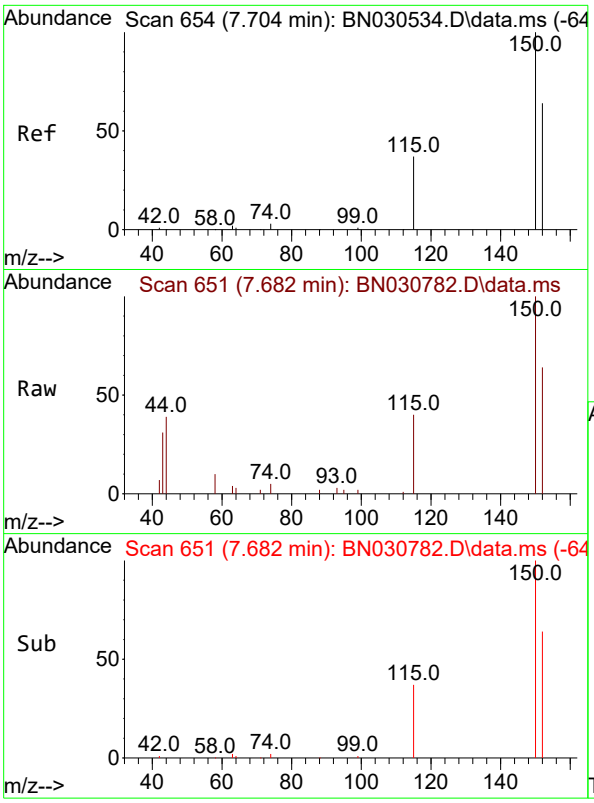
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030782.D
Acq On : 08 Apr 2024 23:15
Operator : MA/JU
Sample : PB160073BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Quant Time: Apr 16 13:38:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 11 12:30:40 2024
Response via : Initial Calibration



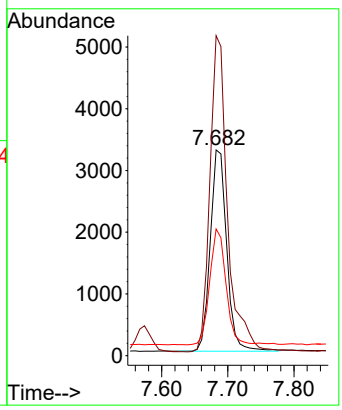


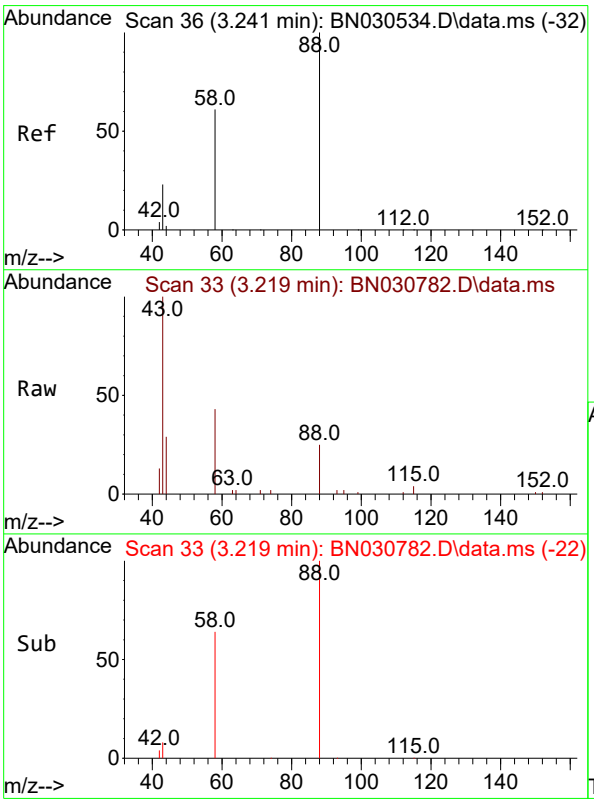
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.682 min Scan# 6
Delta R.T. -0.022 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:152 Resp: 5629

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.4
115	61.6	48.6	72.8

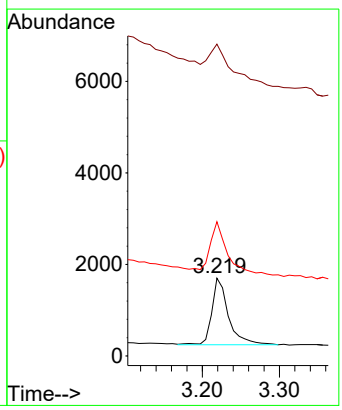


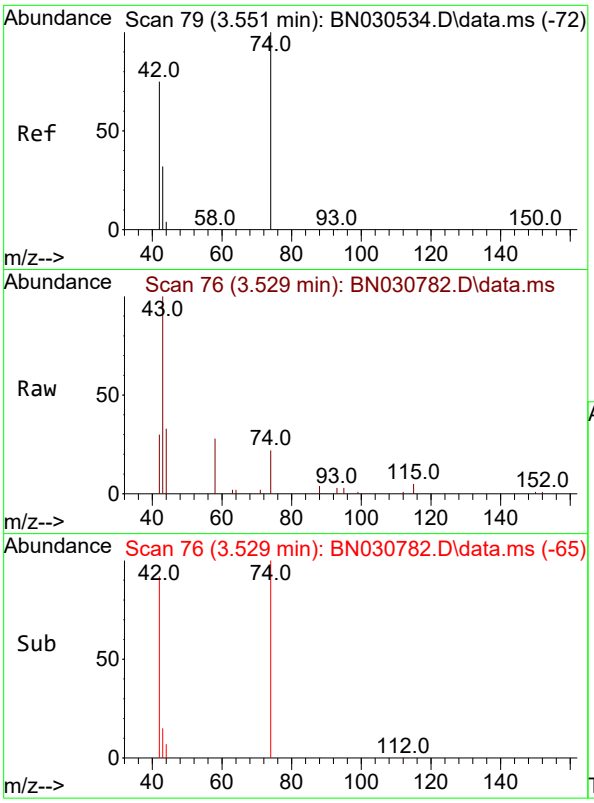


#2
1,4-Dioxane
Concen: 0.322 ng
RT: 3.219 min Scan# 33
Delta R.T. -0.022 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion: 88 Resp: 2188

Ion	Ratio	Lower	Upper
88	100		
43	98.9	21.9	32.9#
58	90.9	53.4	80.2#



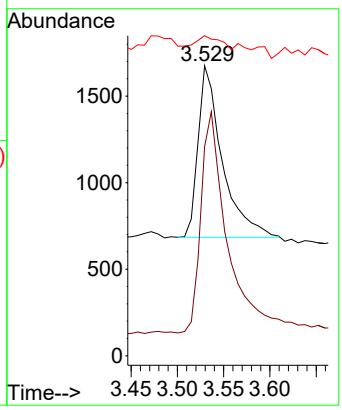


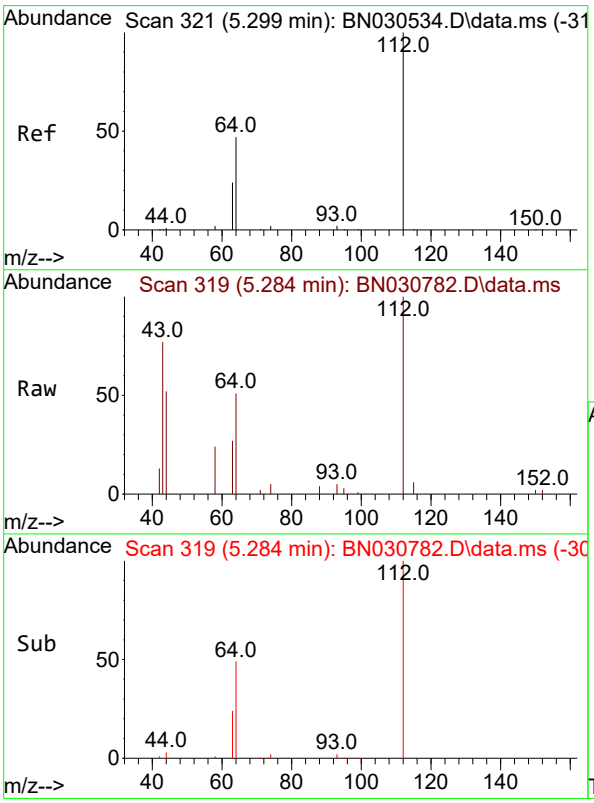
#3
n-Nitrosodimethylamine
Concen: 0.275 ng
RT: 3.529 min Scan# 7
Delta R.T. -0.022 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion: 42 Resp: 1806

Ion	Ratio	Lower	Upper
42	100		
74	139.5	100.9	151.3
44	7.5	5.8	8.6

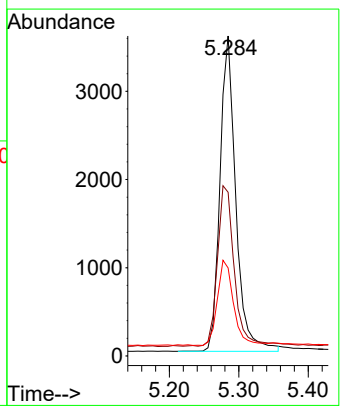


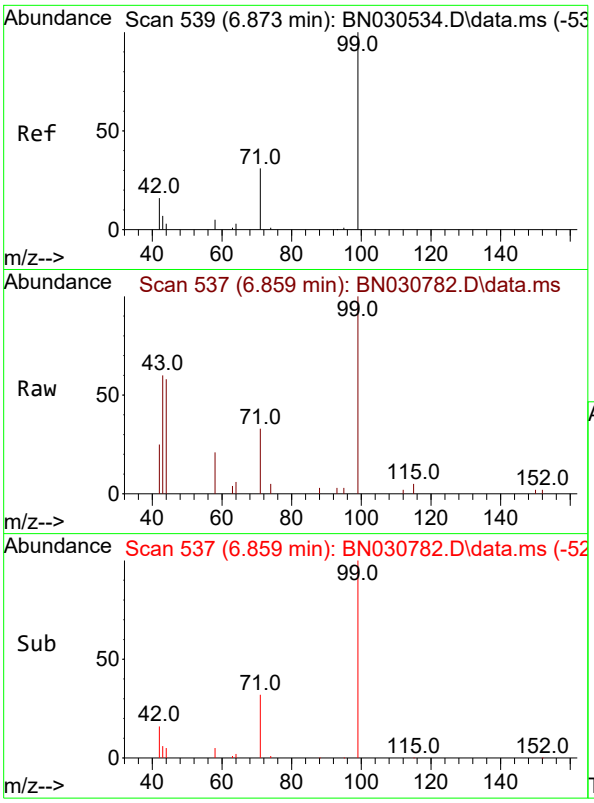


#4
2-Fluorophenol
Concen: 0.461 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:112 Resp: 5651

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.2	64.8
63	27.7	22.5	33.7



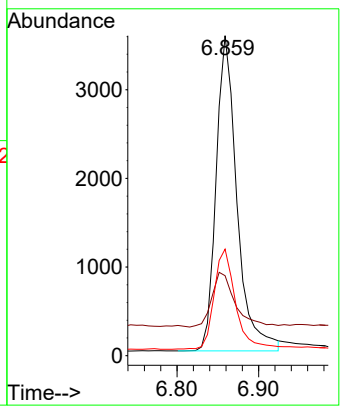


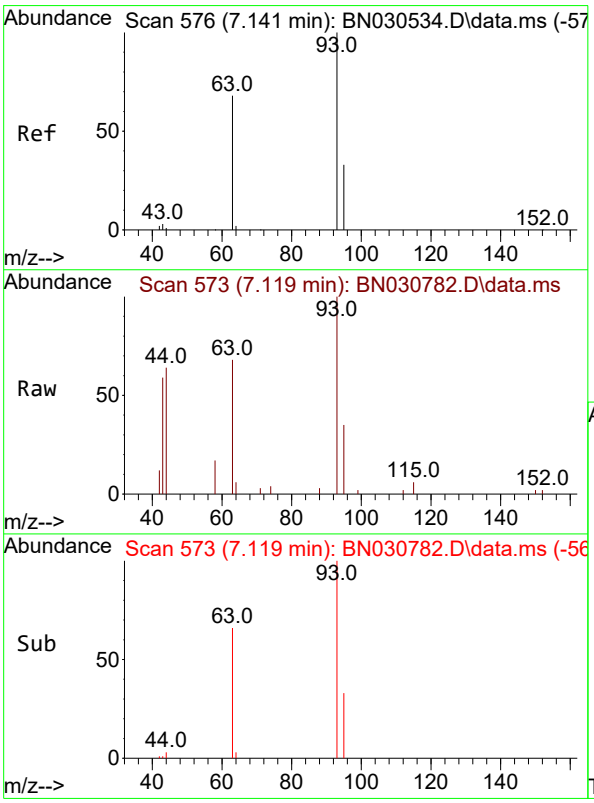
#5
Phenol-d6
Concen: 0.400 ng
RT: 6.859 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion: 99 Resp: 6303

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	32.7	25.9	38.9

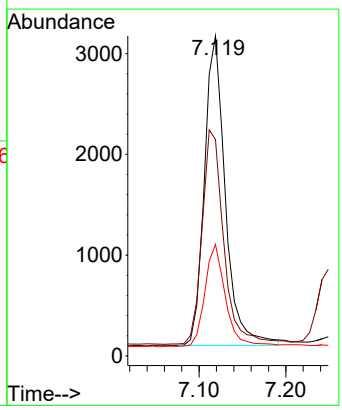


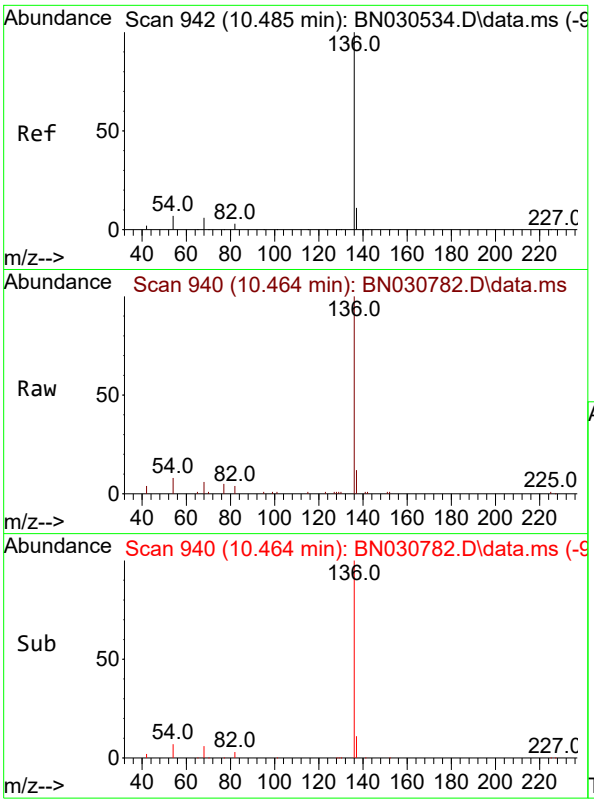


#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.119 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion: 93 Resp: 5161

Ion	Ratio	Lower	Upper
93	100		
63	71.4	60.5	90.7
95	33.1	27.5	41.3



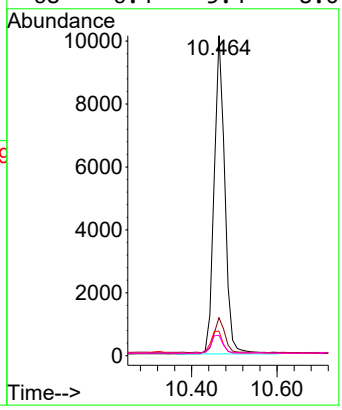


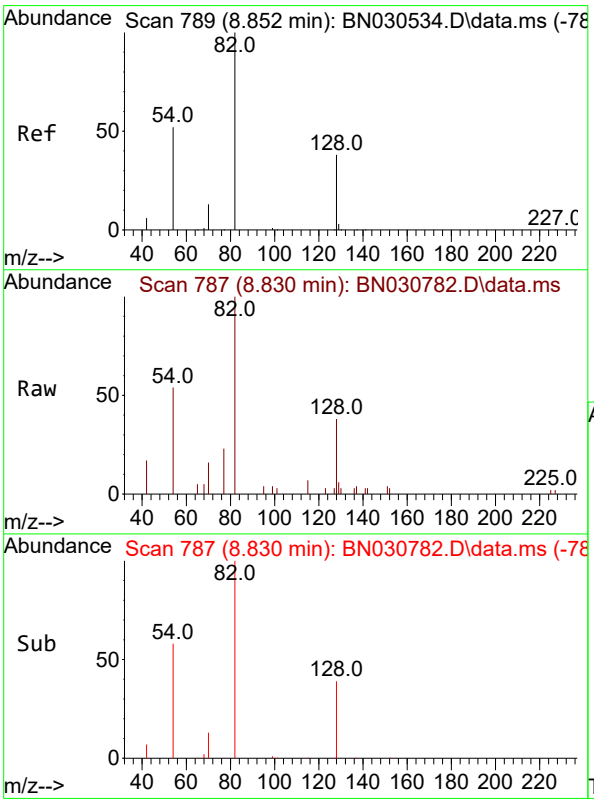
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:136 Resp: 17522

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	7.6	6.4	9.6
68	6.4	5.4	8.0

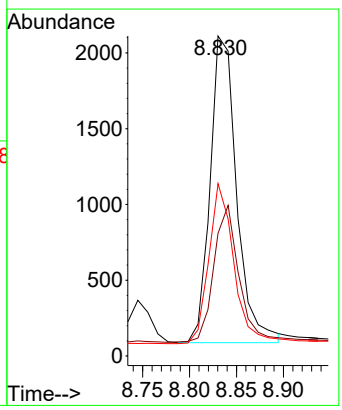


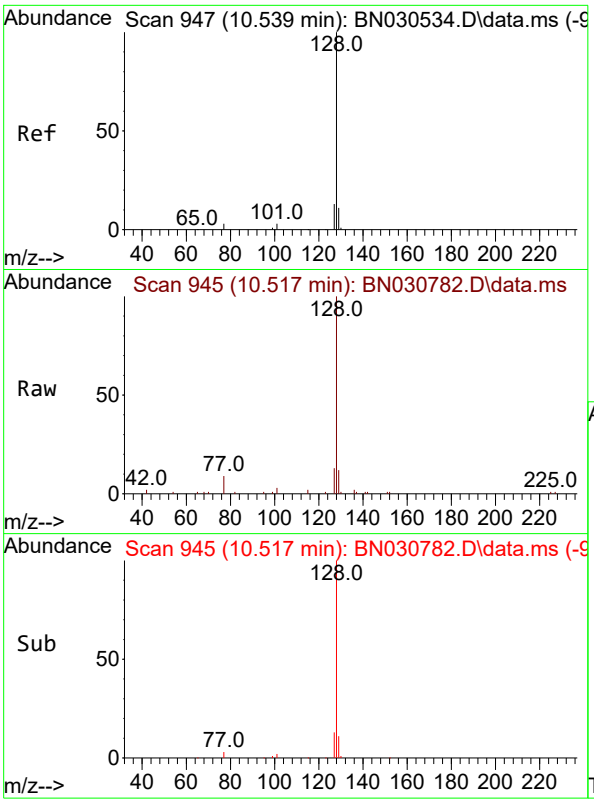


#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.830 min Scan# 787
Delta R.T. -0.021 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion: 82 Resp: 3977

Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.3	48.5
54	53.8	42.7	64.1



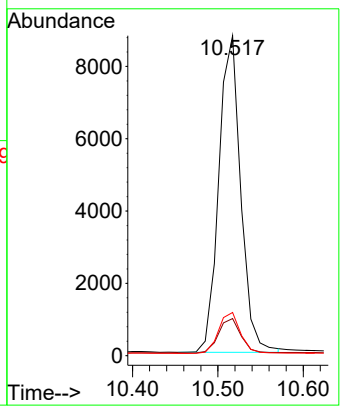


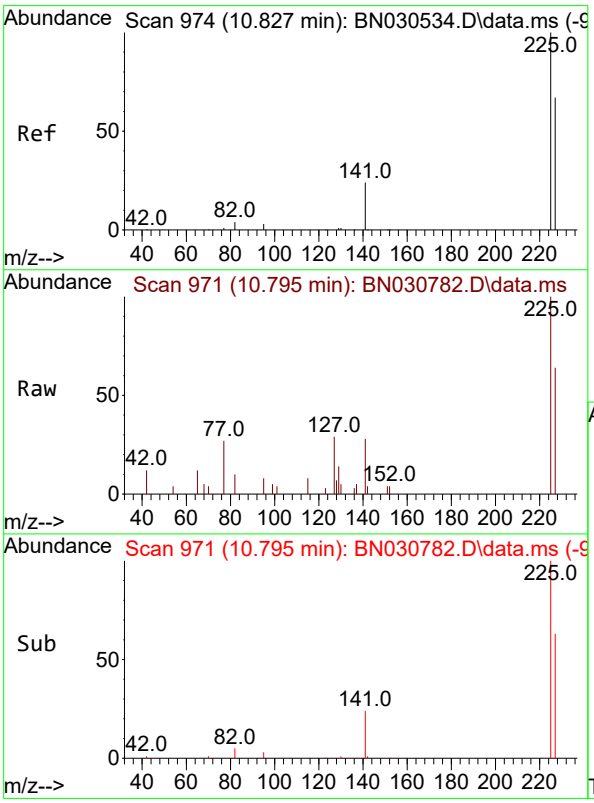
#9
Naphthalene
Concen: 0.321 ng
RT: 10.517 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:128 Resp: 15606

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.5	10.5	15.7

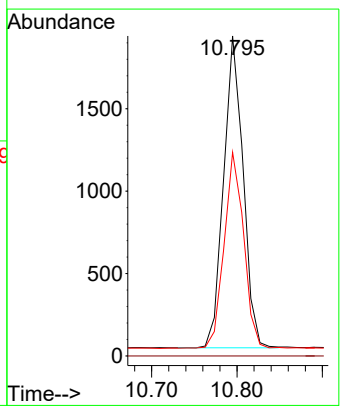


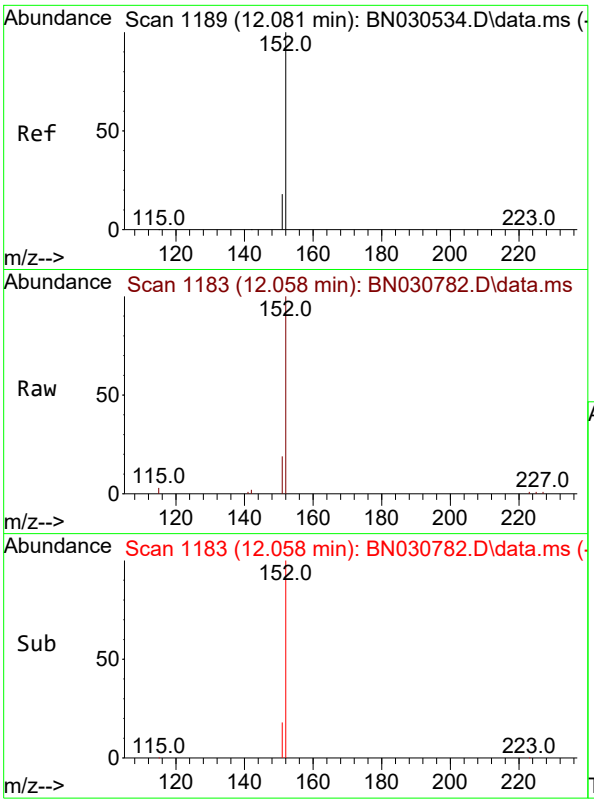


#10
Hexachlorobutadiene
Concen: 0.302 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.032 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:225 Resp: 2996

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.4	77.2



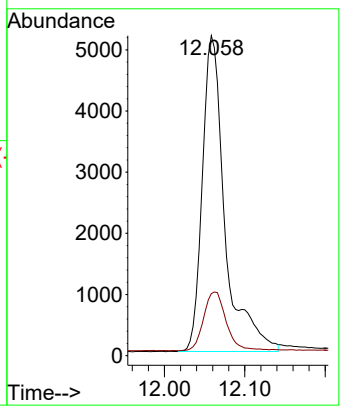


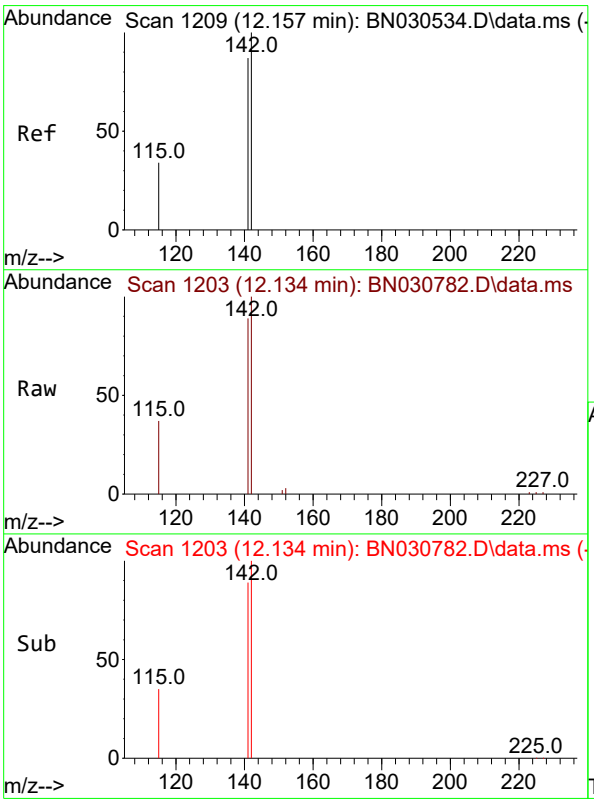
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.058 min Scan# 11
Delta R.T. -0.023 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:152 Resp: 10088

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.7	25.1

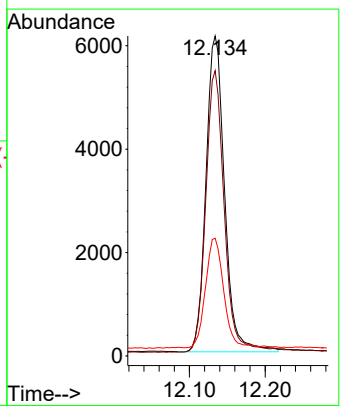


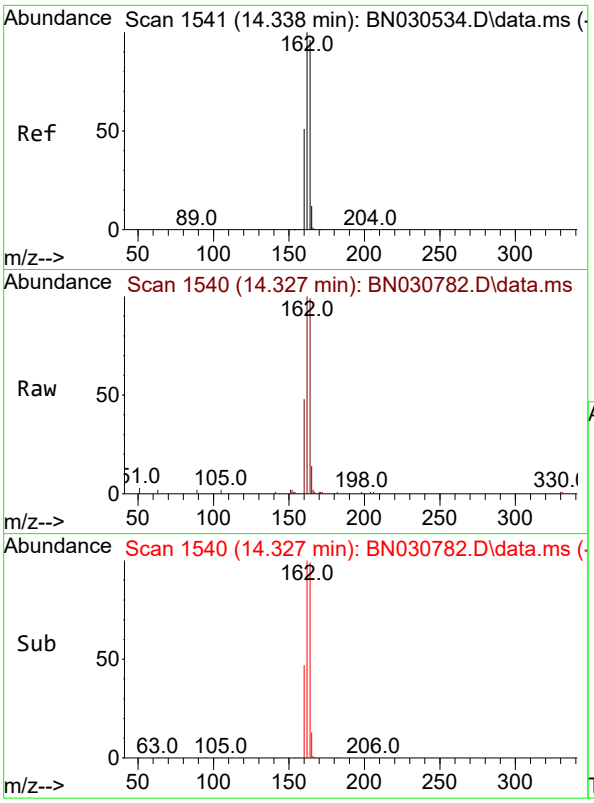


#12
2-Methylnaphthalene
Concen: 0.327 ng
RT: 12.134 min Scan# 1203
Delta R.T. -0.023 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:142 Resp: 10438

Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.8
115	36.8	28.3	42.5



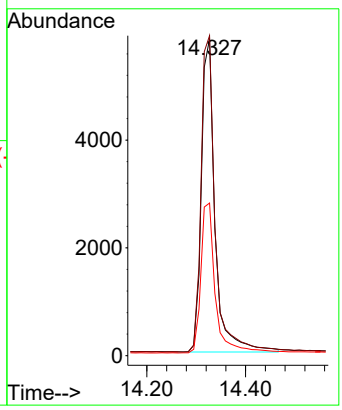


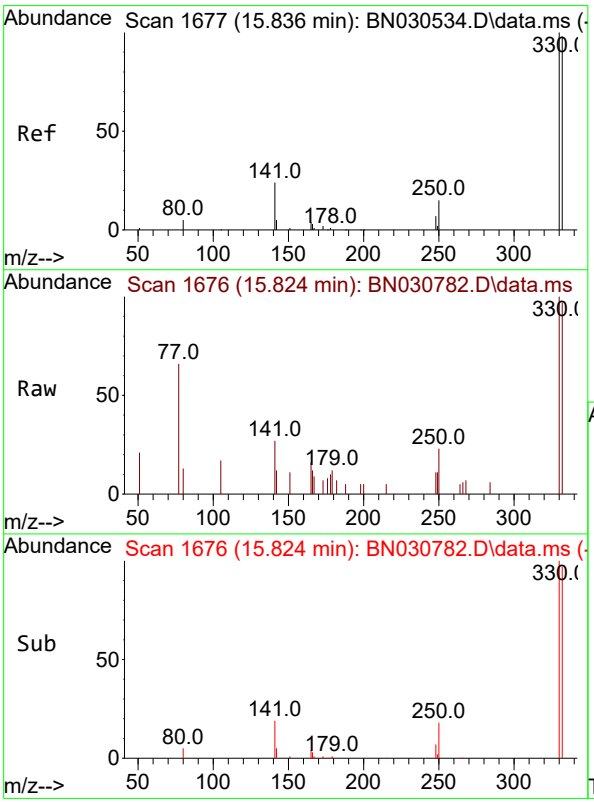
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:164 Resp: 11162

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.5	125.3
160	48.2	42.5	63.7

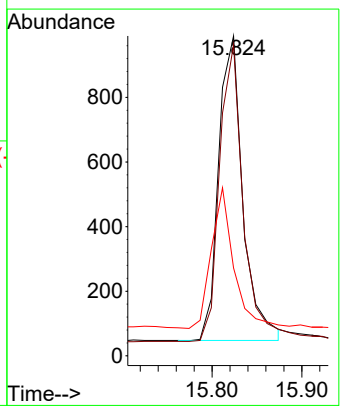


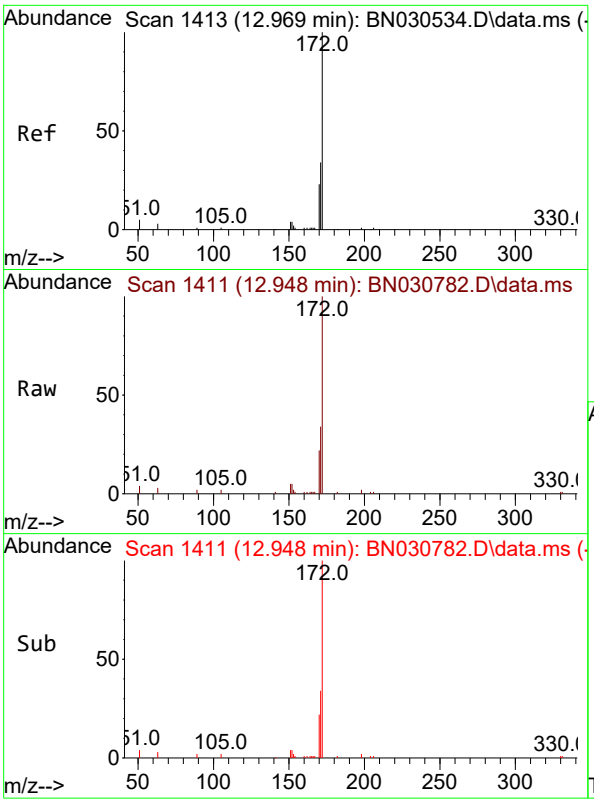


#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:330 Resp: 1765

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	42.1	35.9	53.9



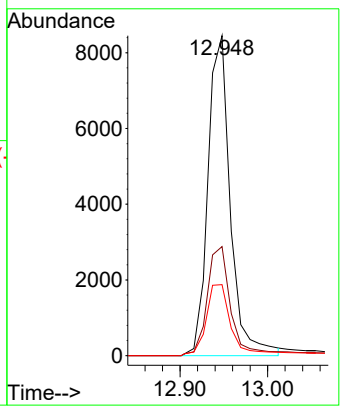


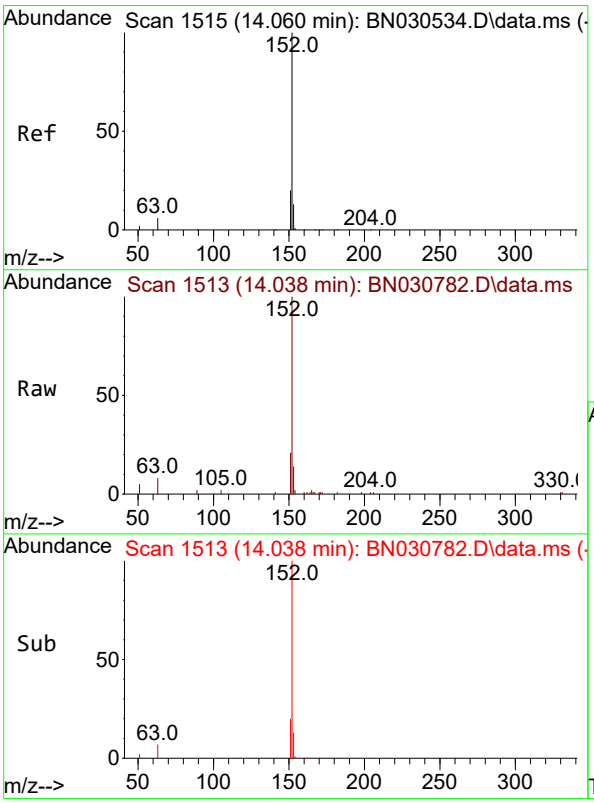
#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.948 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:172 Resp: 13417

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.1	40.7
170	22.2	18.3	27.5

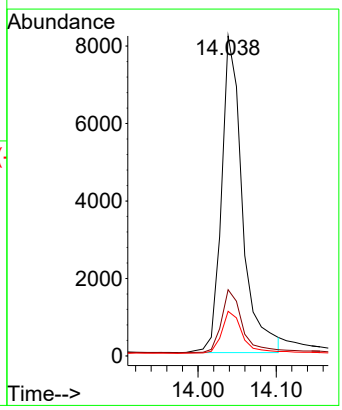


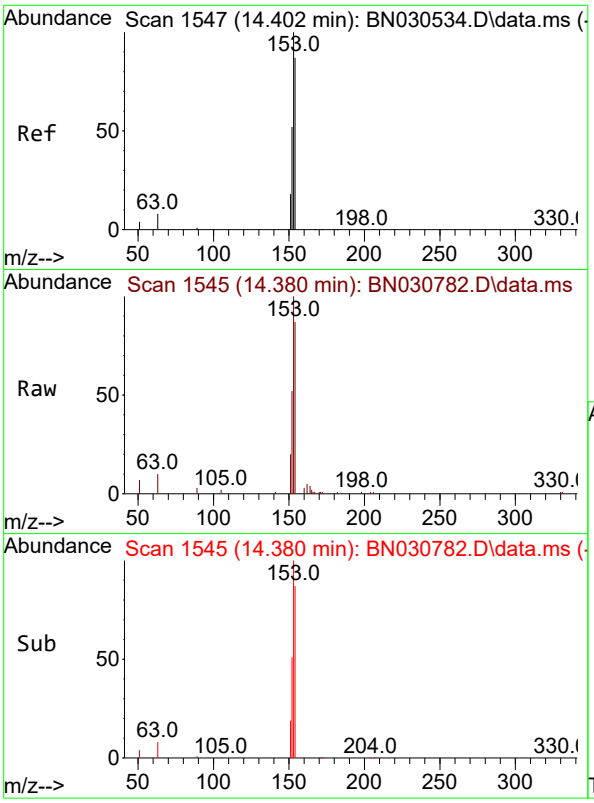


#16
Acenaphthylene
Concen: 0.300 ng
RT: 14.038 min Scan# 1513
Delta R.T. -0.021 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:152 Resp: 15189

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.4	10.3	15.5



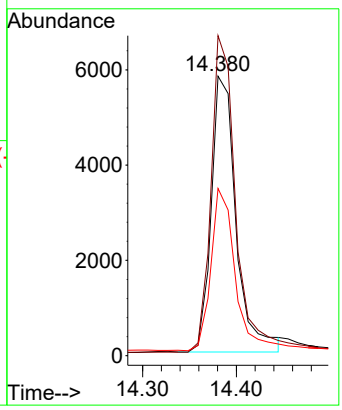


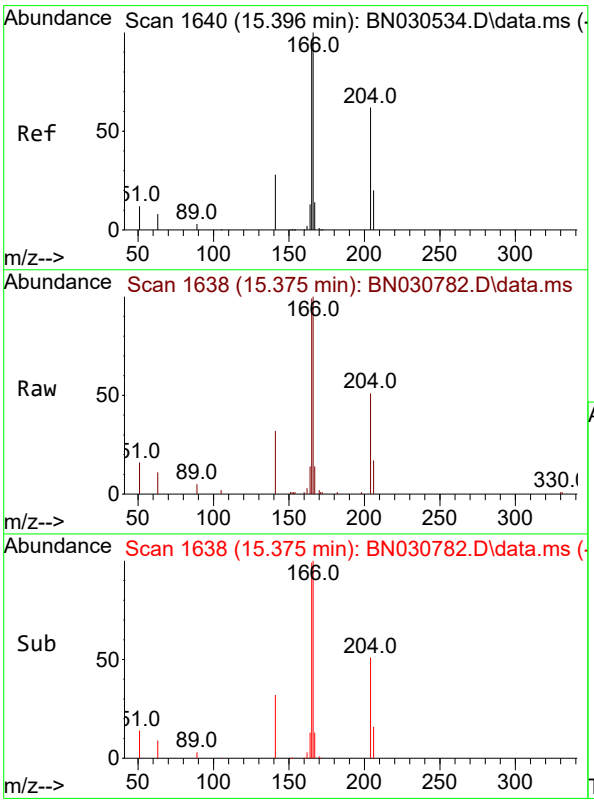
#17
Acenaphthene
Concen: 0.305 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:154 Resp: 10675

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.0	136.6
152	56.9	47.8	71.6

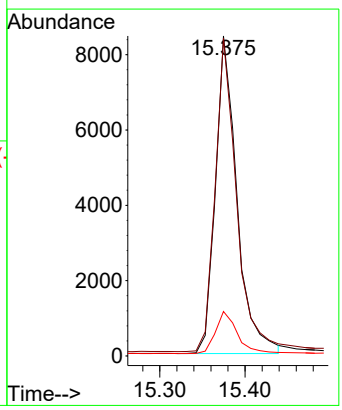


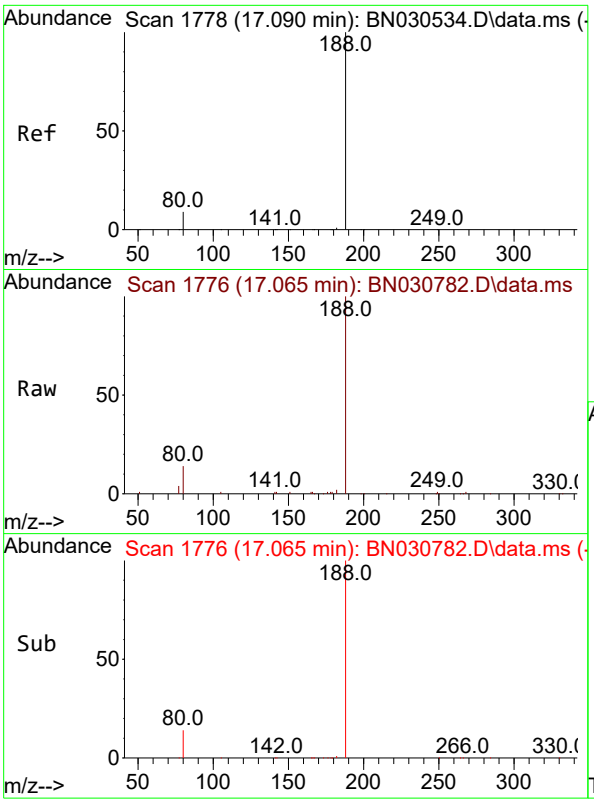


#18
Fluorene
Concen: 0.324 ng
RT: 15.375 min Scan# 1638
Delta R.T. -0.021 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:166 Resp: 14761

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	13.4	10.8	16.2



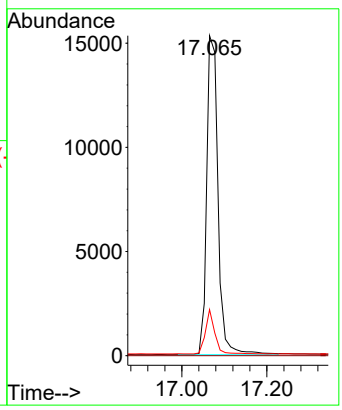


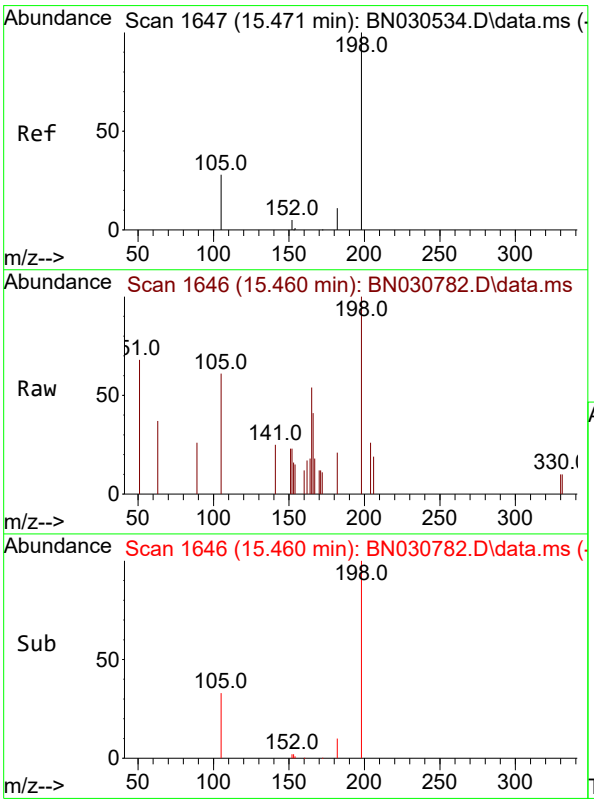
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.065 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:188 Resp: 28257

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	7.4	11.0#

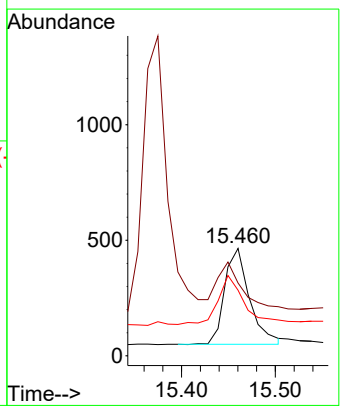


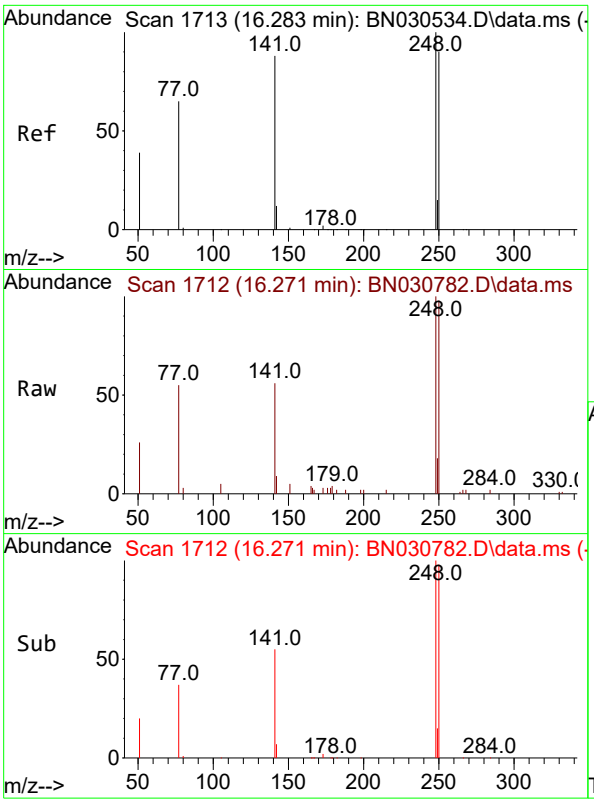


#20
4,6-Dinitro-2-methylphenol
Concen: 0.348 ng
RT: 15.460 min Scan# 1646
Delta R.T. -0.011 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:198 Resp: 765

Ion	Ratio	Lower	Upper
198	100		
51	67.7	57.8	86.6
105	61.1	37.5	56.3#



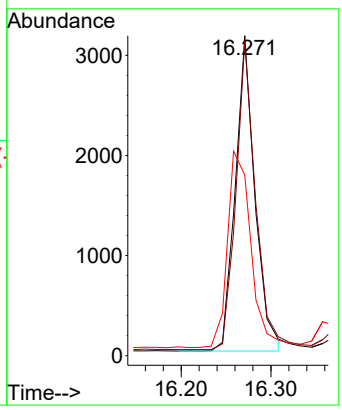


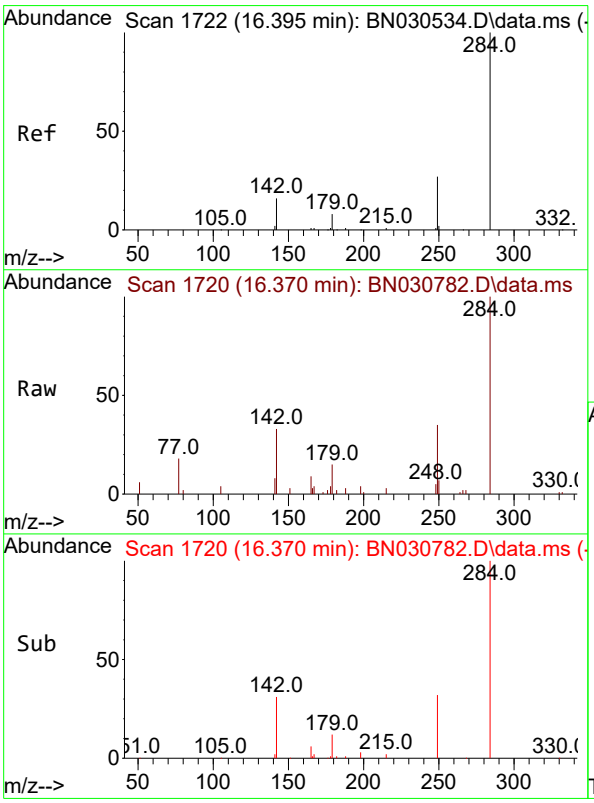
#21
4-Bromophenyl-phenylether
Concen: 0.280 ng
RT: 16.271 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:248 Resp: 4785

Ion	Ratio	Lower	Upper
248	100		
250	98.2	72.2	108.2
141	56.4	71.1	106.7#

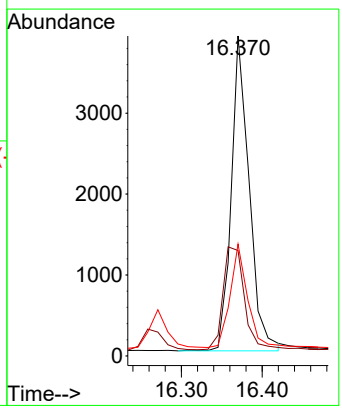


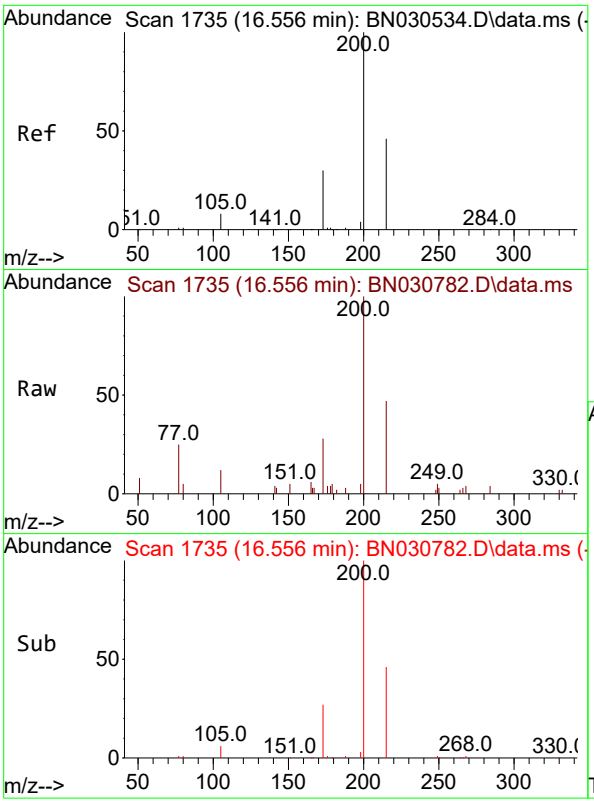


#22
Hexachlorobenzene
Concen: 0.294 ng
RT: 16.370 min Scan# 1720
Delta R.T. -0.025 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:284 Resp: 5995

Ion	Ratio	Lower	Upper
284	100		
142	38.9	31.8	47.6
249	31.7	25.8	38.6



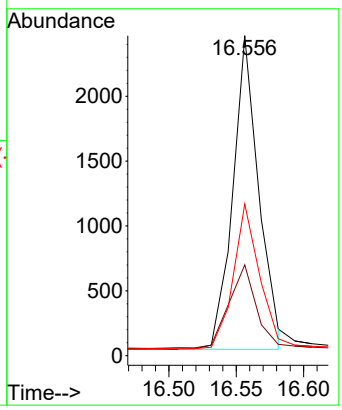


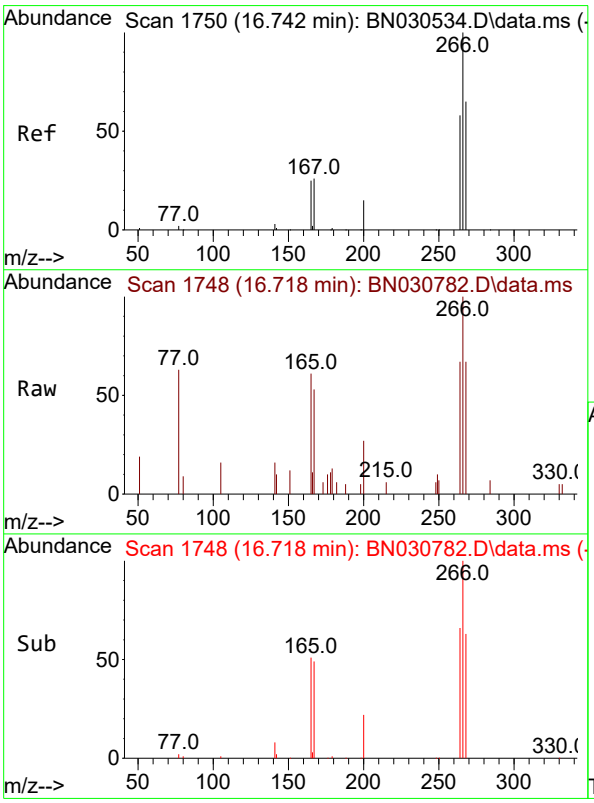
#23
Atrazine
Concen: 0.261 ng
RT: 16.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:200 Resp: 3244

Ion	Ratio	Lower	Upper
200	100		
173	28.4	25.0	37.6
215	47.4	37.4	56.2

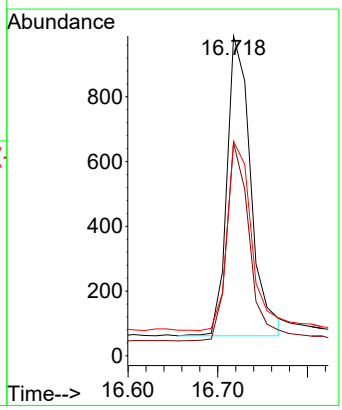


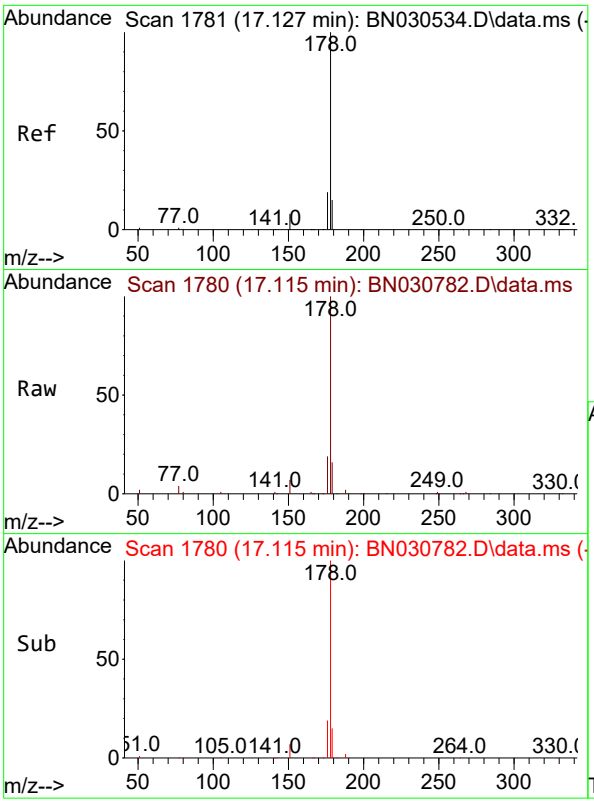


#24
Pentachlorophenol
Concen: 0.374 ng
RT: 16.718 min Scan# 1748
Delta R.T. -0.024 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:266 Resp: 1705

Ion	Ratio	Lower	Upper
266	100		
264	63.0	48.7	73.1
268	64.2	49.5	74.3



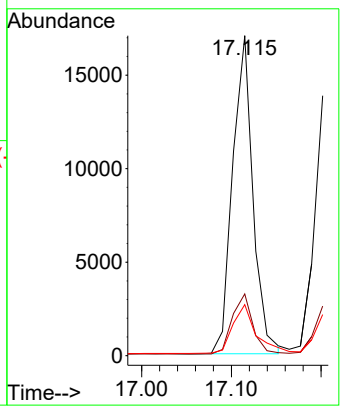


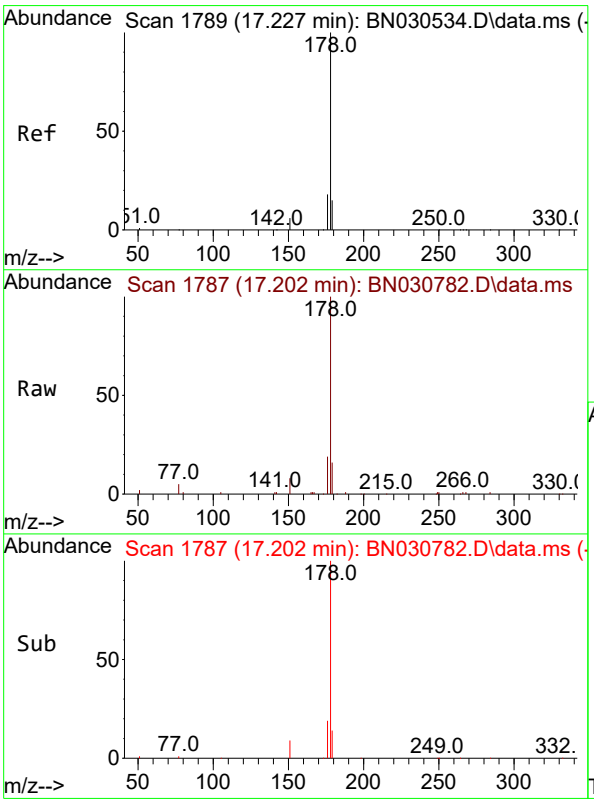
#25
Phenanthrene
Concen: 0.320 ng
RT: 17.115 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:178 Resp: 26793

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	17.3	12.4	18.6

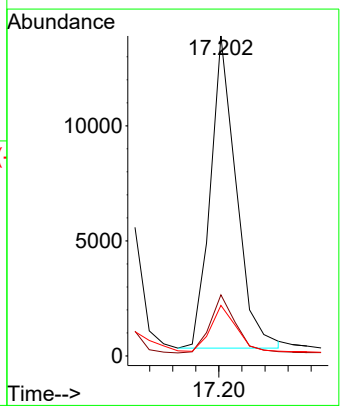


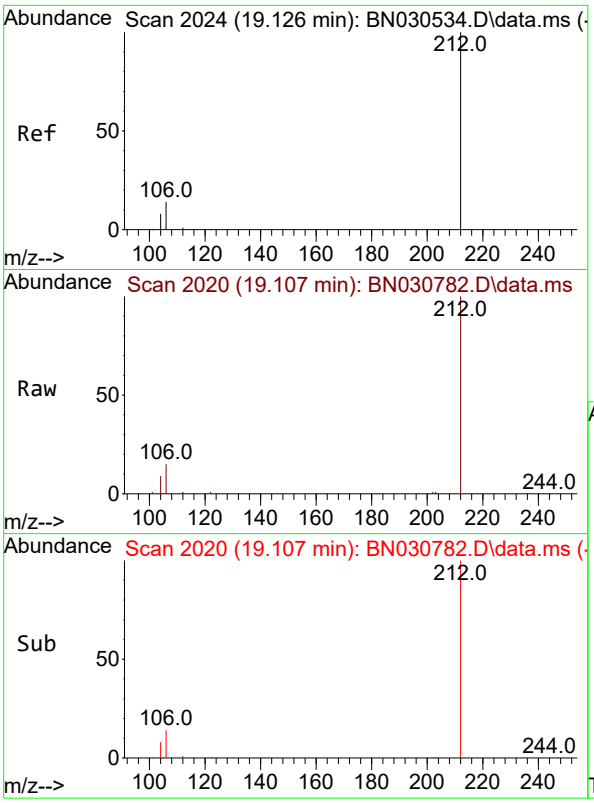


#26
Anthracene
Concen: 0.301 ng
RT: 17.202 min Scan# 1787
Delta R.T. -0.025 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:178 Resp: 21132

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	14.3	12.2	18.4



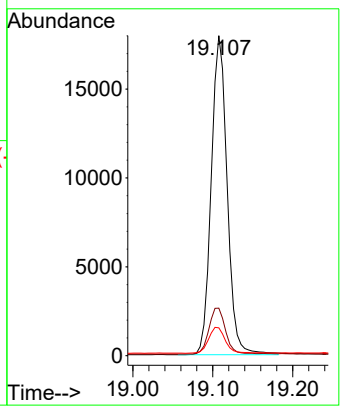


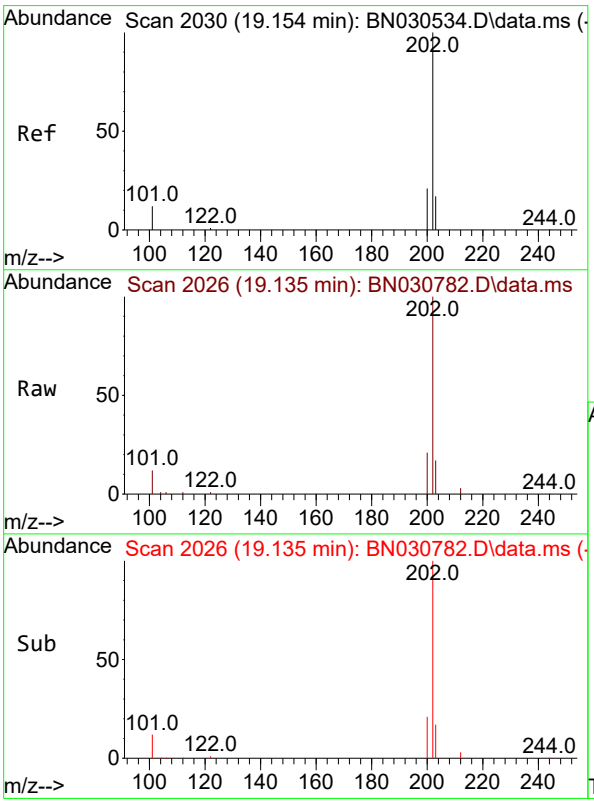
#27
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.107 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:212 Resp: 24842

Ion	Ratio	Lower	Upper
212	100		
106	15.1	11.8	17.6
104	8.5	6.6	9.8

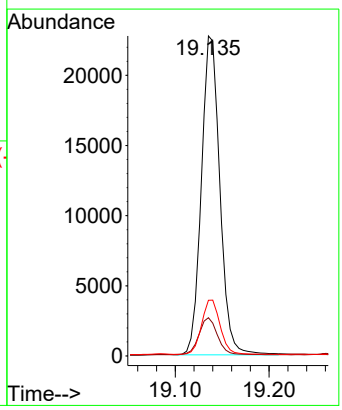


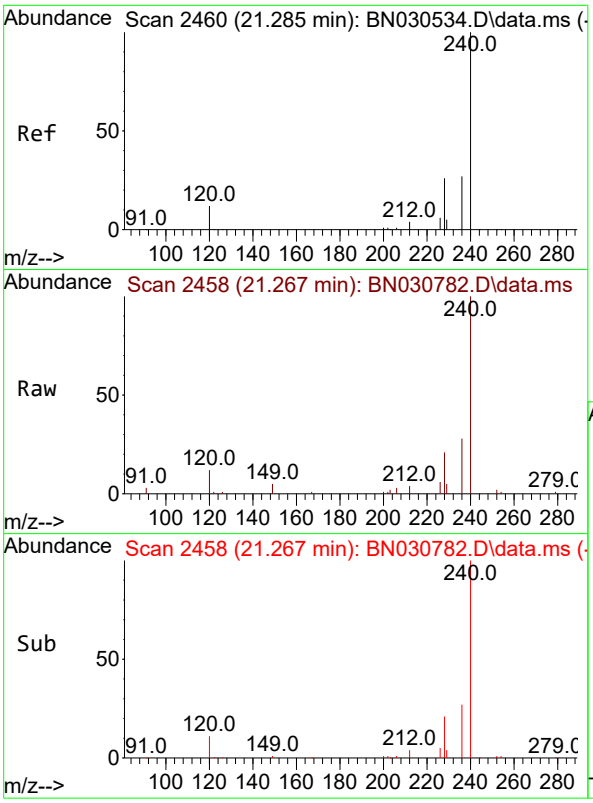


#28
Fluoranthene
Concen: 0.313 ng
RT: 19.135 min Scan# 2026
Delta R.T. -0.019 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:202 Resp: 31160

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.0
203	17.1	13.7	20.5



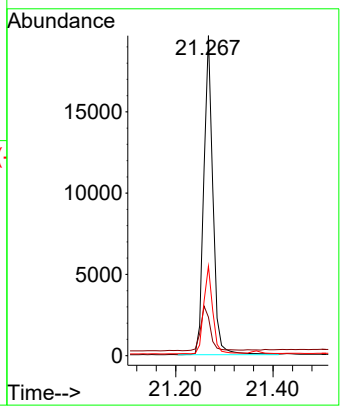


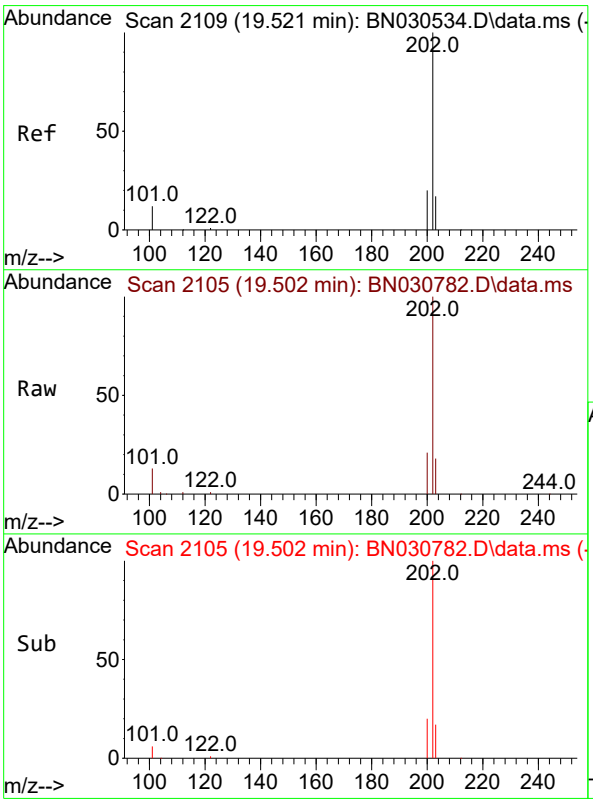
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.267 min Scan# 24
Delta R.T. -0.018 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:240 Resp: 25496

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.6	15.8
236	28.0	22.1	33.1

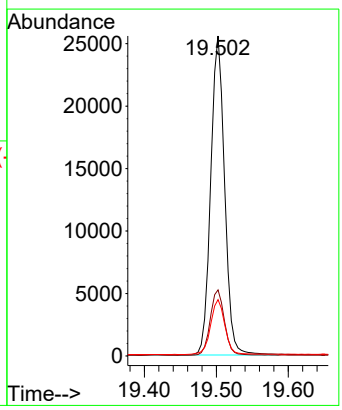


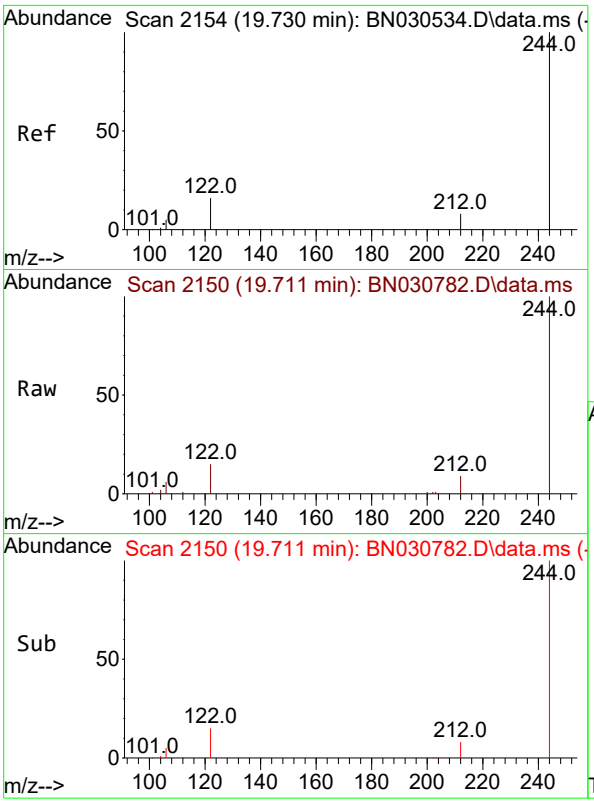


#30
Pyrene
Concen: 0.343 ng
RT: 19.502 min Scan# 2105
Delta R.T. -0.019 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:202 Resp: 34218

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.8	14.2	21.4



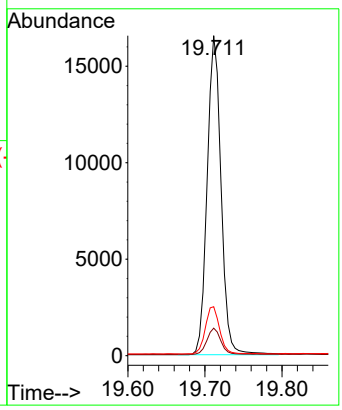


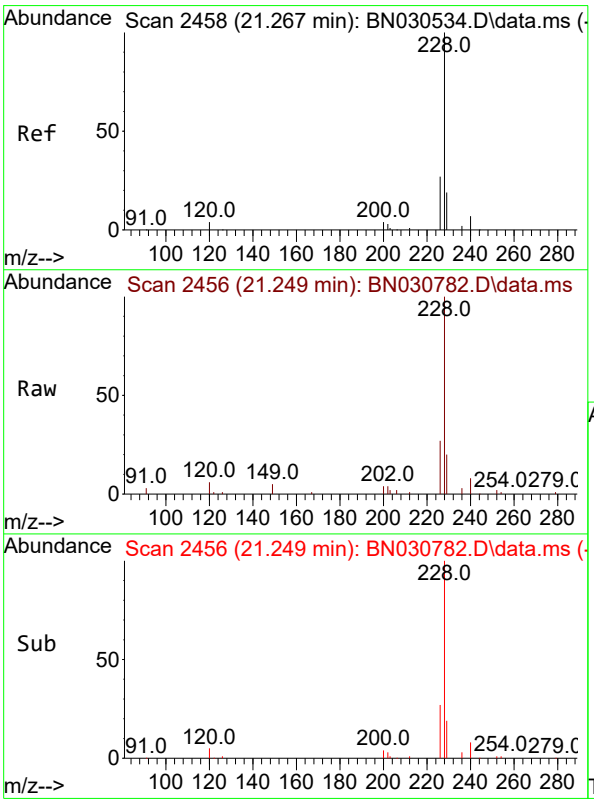
#31
Terphenyl-d14
Concen: 0.352 ng
RT: 19.711 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:244 Resp: 20734

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	15.3	12.7	19.1

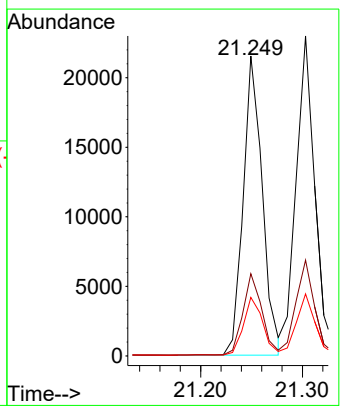


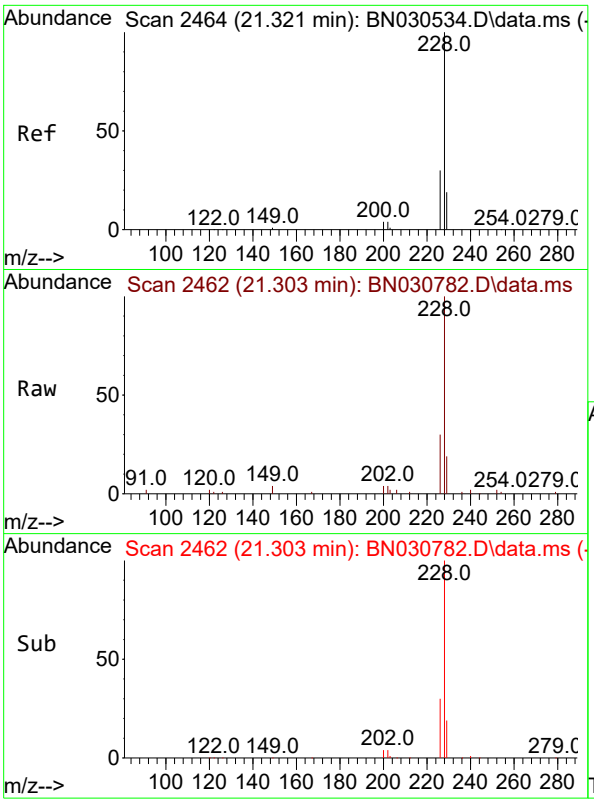


#32
Benzo(a)anthracene
Concen: 0.311 ng
RT: 21.249 min Scan# 2456
Delta R.T. -0.018 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:228 Resp: 28054

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.5	15.4	23.2



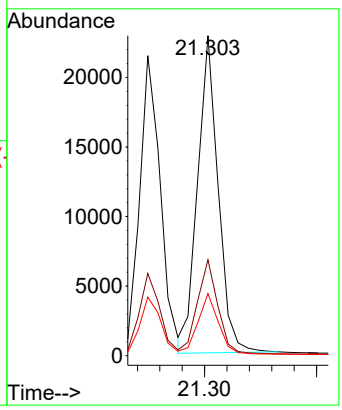


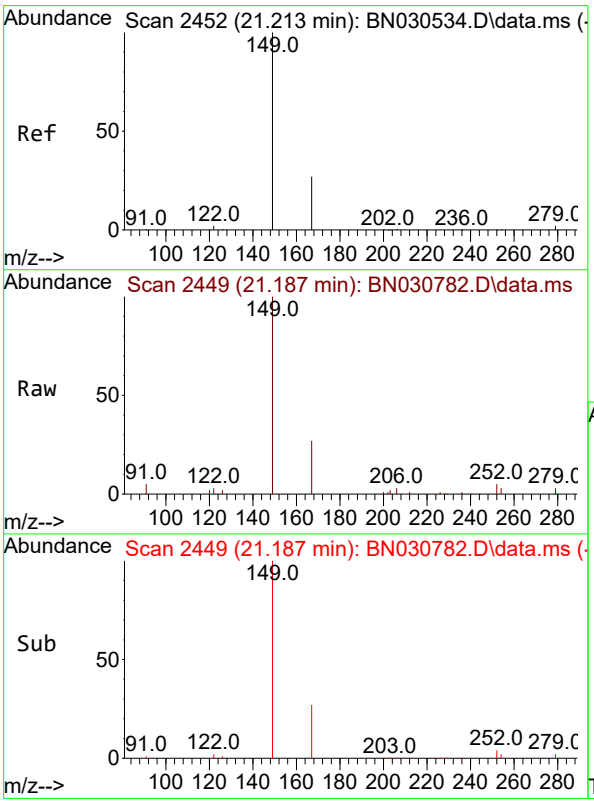
#33
Chrysene
Concen: 0.301 ng
RT: 21.303 min Scan# 24
Delta R.T. -0.018 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:228 Resp: 29128

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.4	15.8	23.6

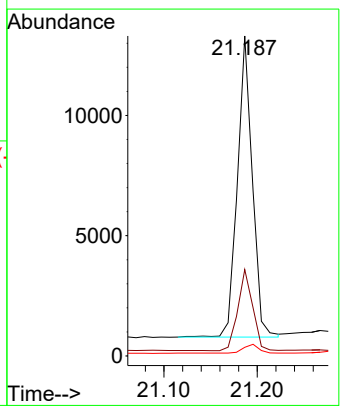


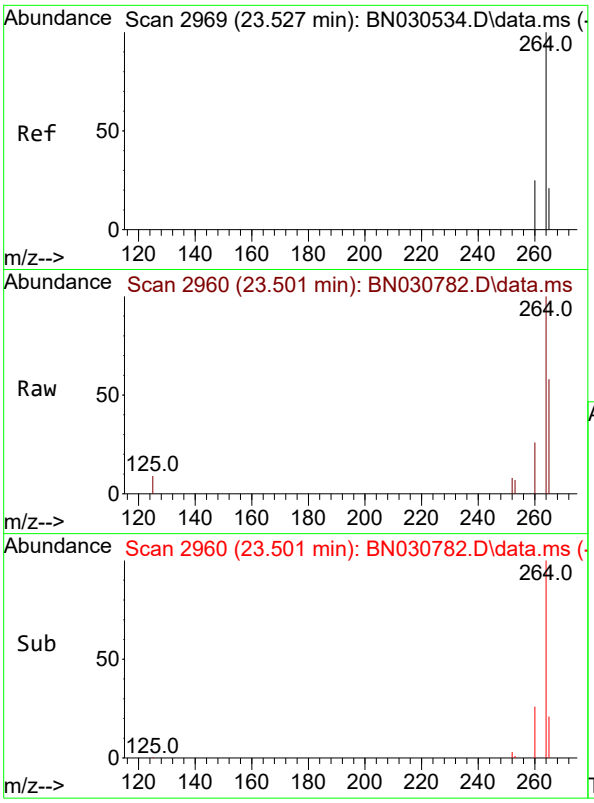


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.187 min Scan# 2449
Delta R.T. -0.027 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:149 Resp: 13961

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	3.0	2.3	3.5



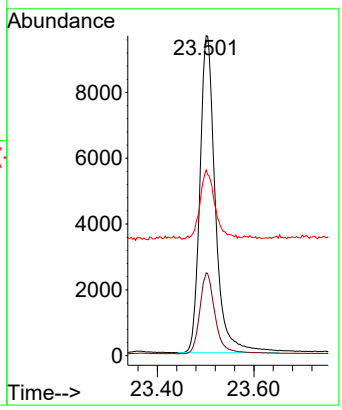


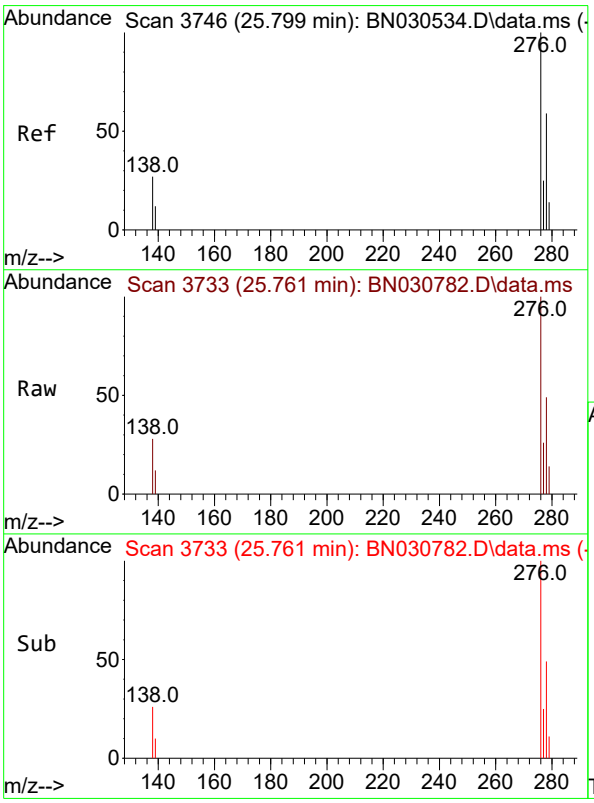
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.501 min Scan# 2
Delta R.T. -0.026 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:264 Resp: 21394

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.6	30.8
265	58.0	41.8	62.8

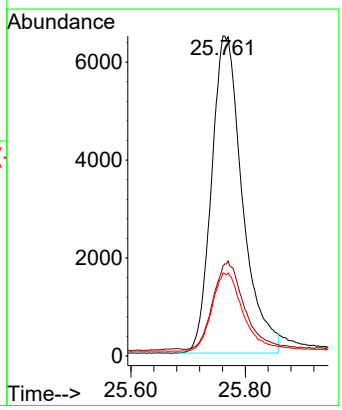


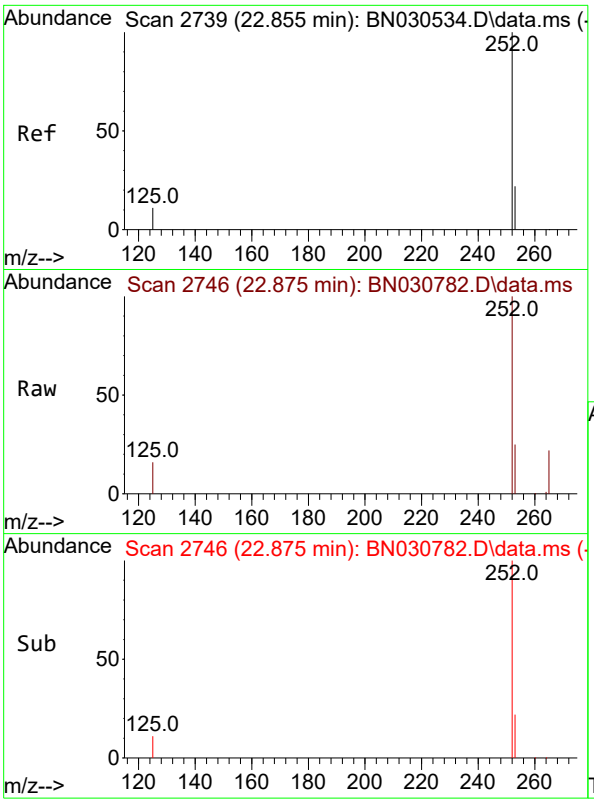


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng
RT: 25.761 min Scan# 3733
Delta R.T. -0.038 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:276 Resp: 24254

Ion	Ratio	Lower	Upper
276	100		
138	27.8	23.0	34.4
277	25.1	20.1	30.1



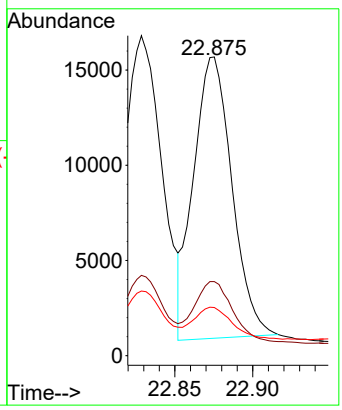


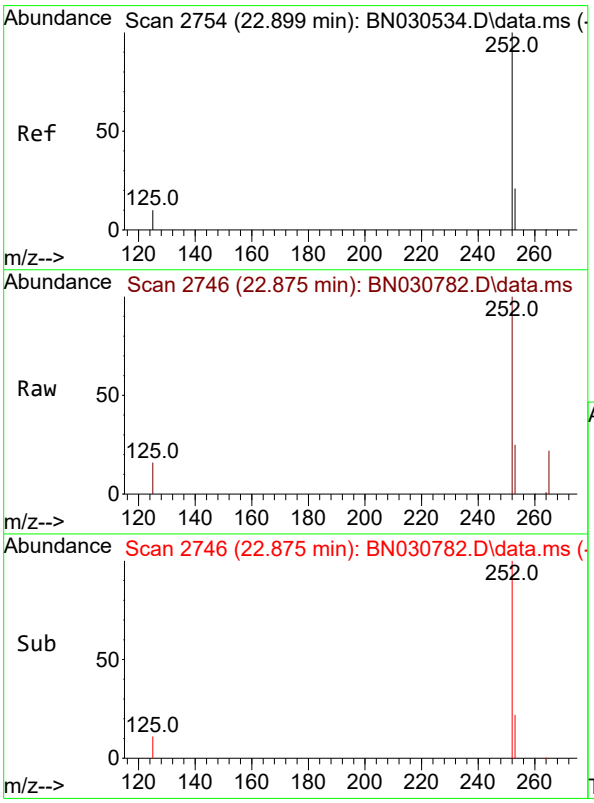
#37
Benzo(b)fluoranthene
Concen: 0.292 ng
RT: 22.875 min Scan# 2
Delta R.T. 0.020 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:252 Resp: 25380

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.2	28.8
125	16.1	11.7	17.5

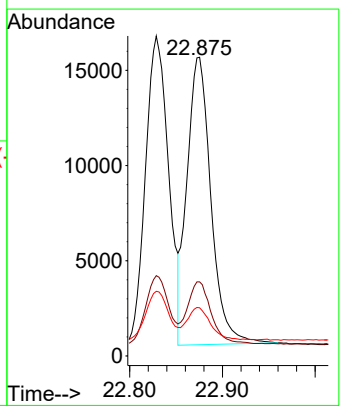


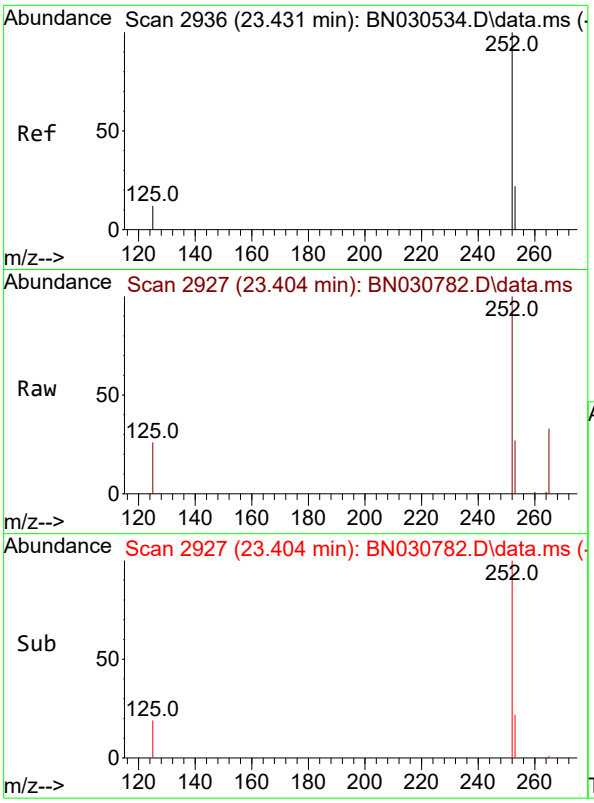


#38
Benzo(k)fluoranthene
Concen: 0.311 ng
RT: 22.875 min Scan# 2746
Delta R.T. -0.023 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:252 Resp: 27166

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.9	28.3
125	16.1	11.5	17.3



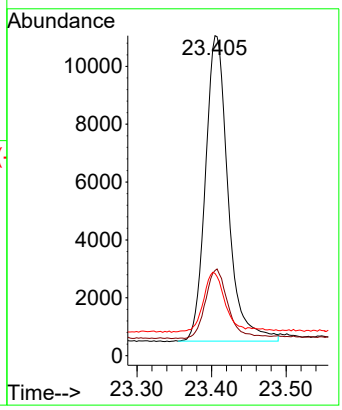


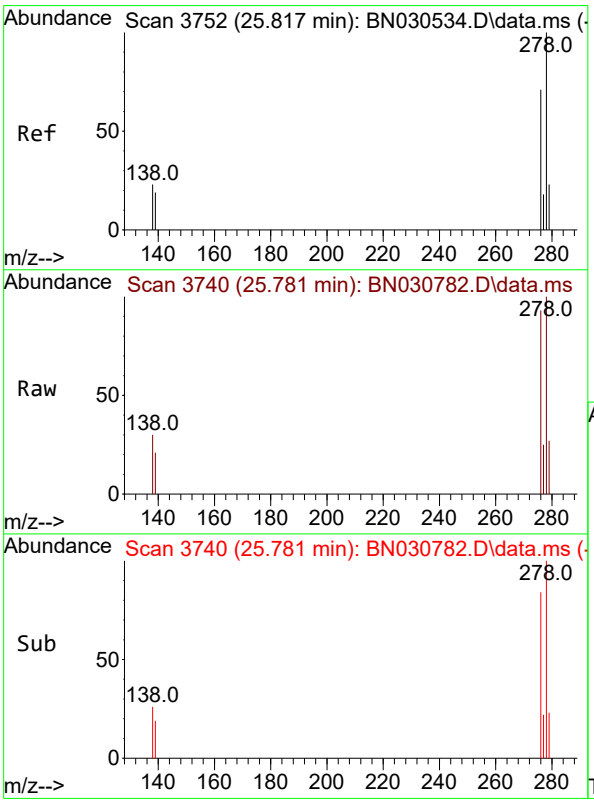
#39
Benzo(a)pyrene
Concen: 0.321 ng
RT: 23.404 min Scan# 2
Delta R.T. -0.026 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:252 Resp: 22397

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.0	30.0
125	25.7	14.3	21.5#

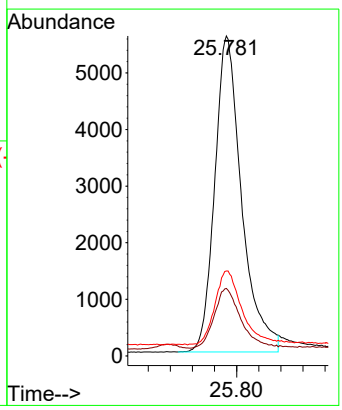


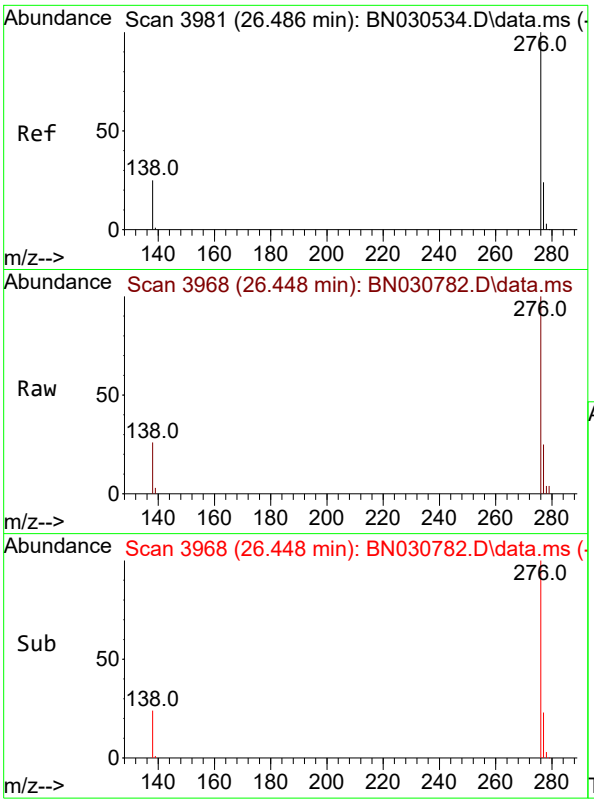


#40
Dibenzo(a,h)anthracene
Concen: 0.251 ng
RT: 25.781 min Scan# 3740
Delta R.T. -0.035 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Tgt Ion:278 Resp: 18876

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.2	24.2
279	26.6	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 0.258 ng
RT: 26.448 min Scan# 3
Delta R.T. -0.038 min
Lab File: BN030782.D
Acq: 08 Apr 2024 23:15

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Tgt Ion:276 Resp: 20855

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.6
138	26.0	20.6	31.0