Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033241.D
Acq On : 05 Aug 2024 18:39
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 05 23:10:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 22:59:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	531	0.400	ng	# 0.08
7) Naphthalene-d8	10.383	136	2618	0.400	ng	# 0.06
13) Acenaphthene-d10	14.154	164	1972	0.400	ng	0.03
19) Phenanthrene-d10	16.927	188	4473	0.400	ng	0.00
29) Chrysene-d12	21.131	240	4894	0.400	ng	# 0.00
35) Perylene-d12	23.298	264	5815	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	25	0.019	ng	0.03
5) Phenol-d6	7.134	99	133	0.080	ng	0.14
8) Nitrobenzene-d5	9.091	82	173	0.088	ng	0.17
11) 2-Methylnaphthalene-d10	11.980	152	77	0.019	ng	0.05
14) 2,4,6-Tribromophenol	15.735	330	82	0.097	ng	0.02
15) 2-Fluorobiphenyl	12.850	172	622	0.085	ng	0.05
27) Fluoranthene-d10	18.966	212	1262	0.109	ng	0.02
31) Terphenyl-d14	19.566	244	864	0.086	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.054	88	153	0.233	ng	# 80
3) n-Nitrosodimethylamine	3.494	42	10	0.018	ng	# 1
6) bis(2-Chloroethyl)ether	7.156	93	94	0.067	ng	# 71
9) Naphthalene	10.436	128	674	0.093	ng	# 46
10) Hexachlorobutadiene	10.522	225	145	0.105	ng	# 99
12) 2-Methylnaphthalene	12.071	142	154	0.033	ng	# 78
16) Acenaphthylene	13.898	152	711	0.089	ng	97
17) Acenaphthene	14.218	154	543	0.096	ng	98
18) Fluorene	15.255	166	728	0.096	ng	99
20) 4,6-Dinitro-2-methylph...	15.611	198	15	0.024	ng	85
21) 4-Bromophenyl-phenylether	16.120	248	220	0.084	ng	# 84
22) Hexachlorobenzene	16.220	284	259	0.088	ng	96
23) Atrazine	16.406	200	241	0.125	ng	# 74
24) Pentachlorophenol	16.666	266	69	0.063	ng	89
25) Phenanthrene	16.964	178	1237	0.101	ng	99
26) Anthracene	17.088	178	867	0.086	ng	# 87
28) Fluoranthene	18.994	202	1768	0.120	ng	# 97
30) Pyrene	19.361	202	1904	0.095	ng	99
32) Benzo(a)anthracene	21.131	228	1285	0.083	ng	# 87
33) Chrysene	21.176	228	2100	0.114	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.006	149	1081	0.126	ng	# 73
36) Indeno(1,2,3-cd)pyrene	25.508	276	2454	0.107	ng	# 68
37) Benzo(b)fluoranthene	22.658	252	1558	0.077	ng	# 43
38) Benzo(k)fluoranthene	22.701	252	2202	0.095	ng	# 42
39) Benzo(a)pyrene	23.228	252	1721	0.094	ng	# 26
40) Dibenzo(a,h)anthracene	25.502	278	1909	0.105	ng	# 48
41) Benzo(g,h,i)perylene	26.181	276	2292	0.114	ng	# 79

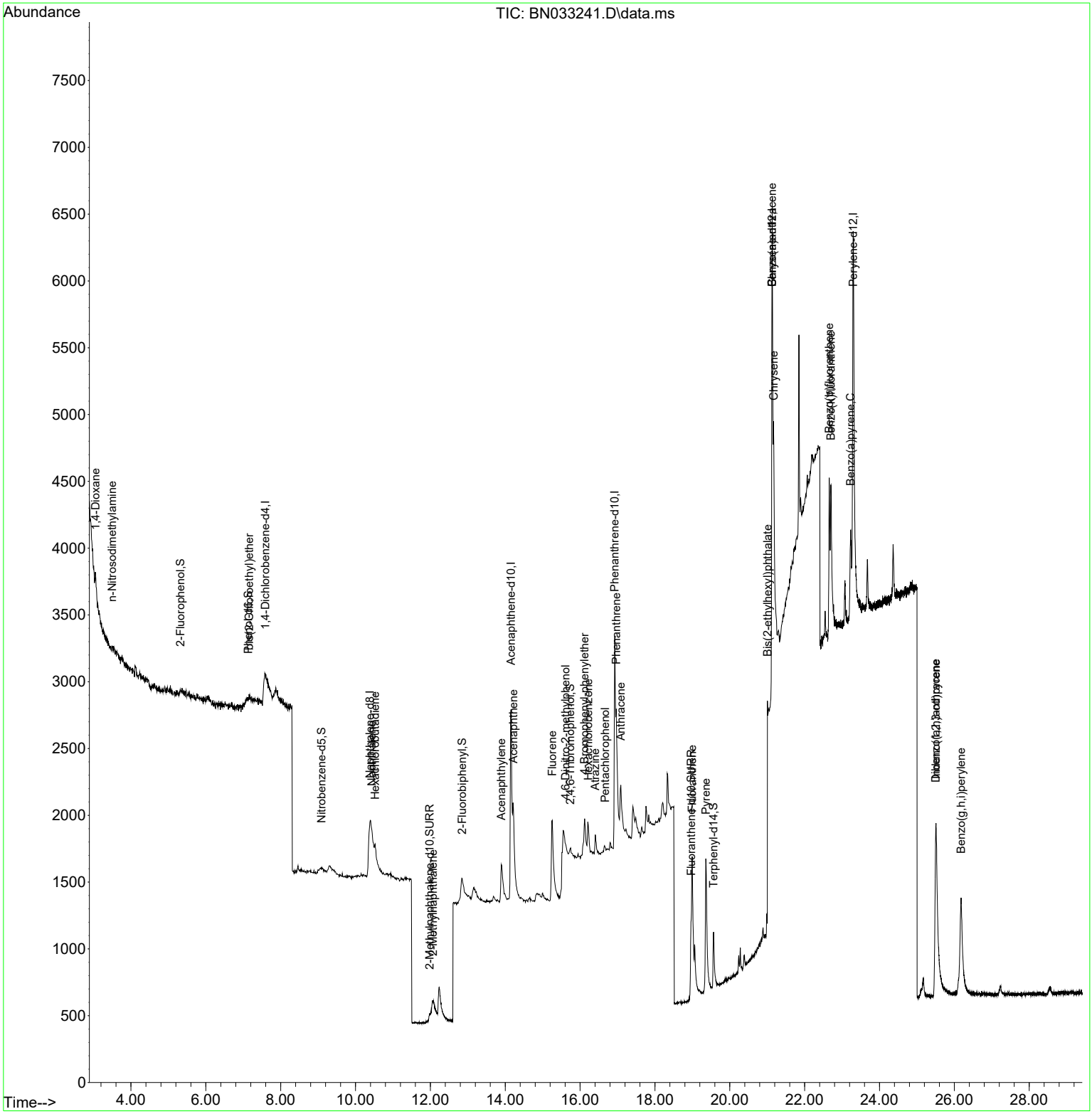
(#) = qualifier out of range (m) = manual integration (+) = signals summed

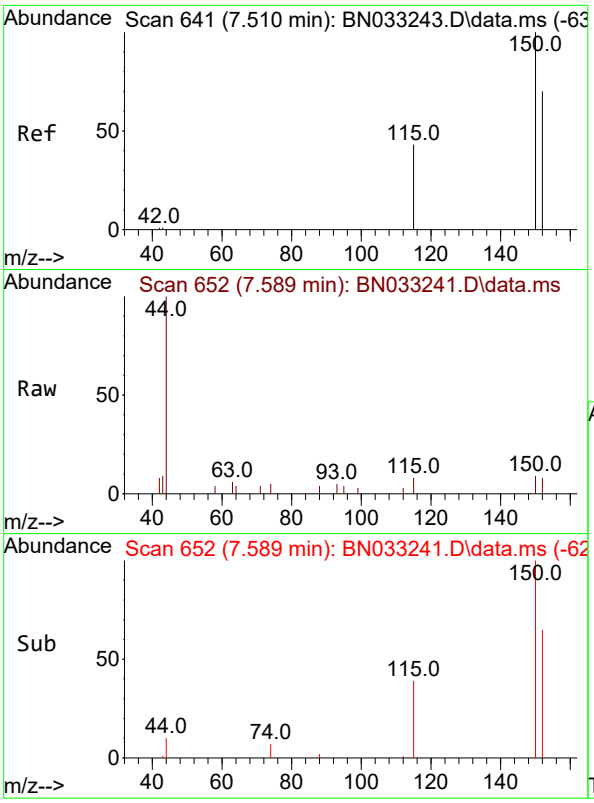
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033241.D
Acq On : 05 Aug 2024 18:39
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 05 23:10:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 22:59:15 2024
Response via : Initial Calibration



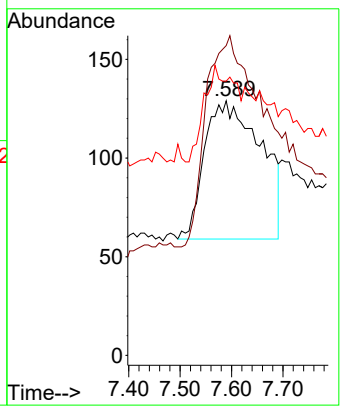


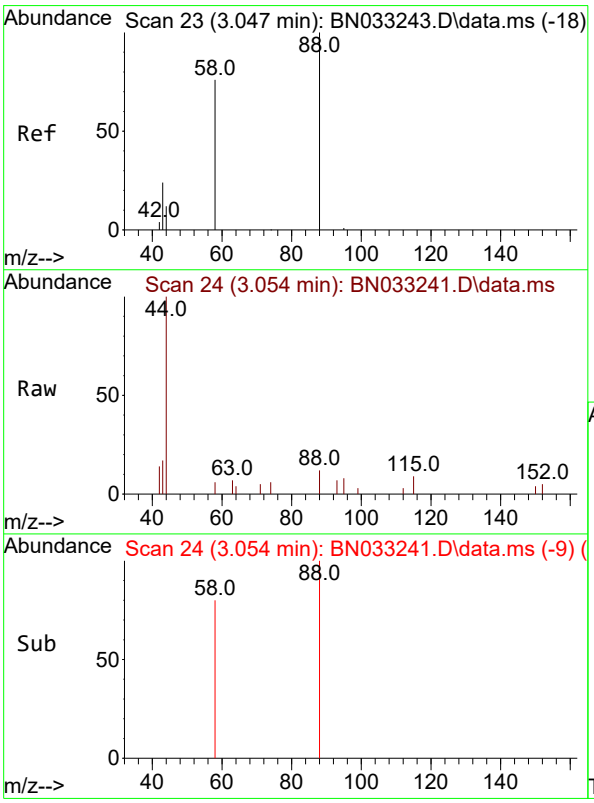
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. 0.079 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 531

Ion	Ratio	Lower	Upper
152	100		
150	121.7	108.2	162.2
115	107.8	70.5	105.7#

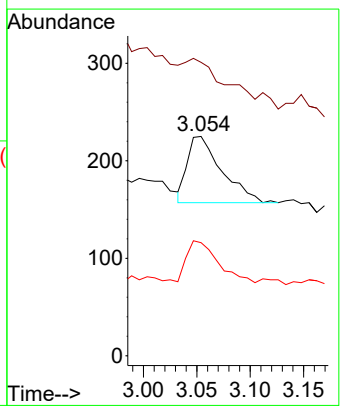


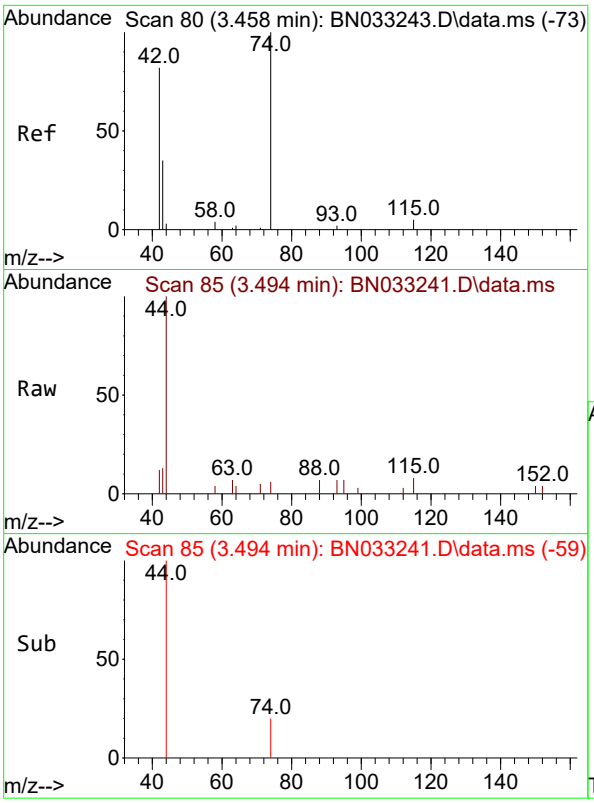


#2
1,4-Dioxane
Concen: 0.233 ng
RT: 3.054 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion: 88 Resp: 153

Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.6	28.0#
58	59.5	54.5	81.7



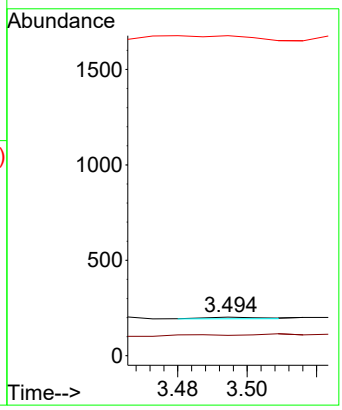


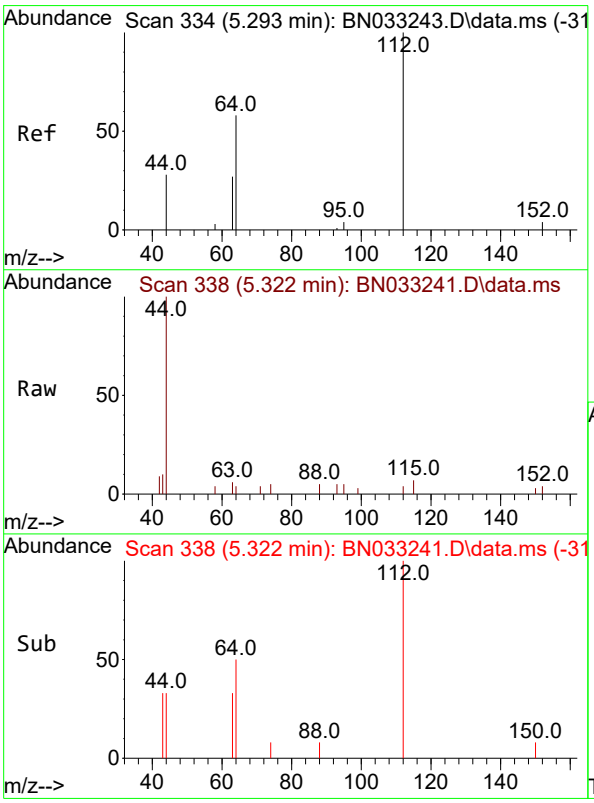
#3
n-Nitrosodimethylamine
Concen: 0.018 ng
RT: 3.494 min Scan# 8
Delta R.T. 0.036 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	550.0	9.6	14.4#

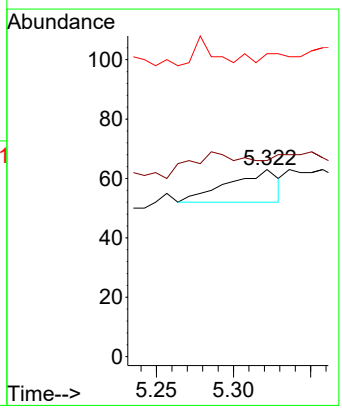


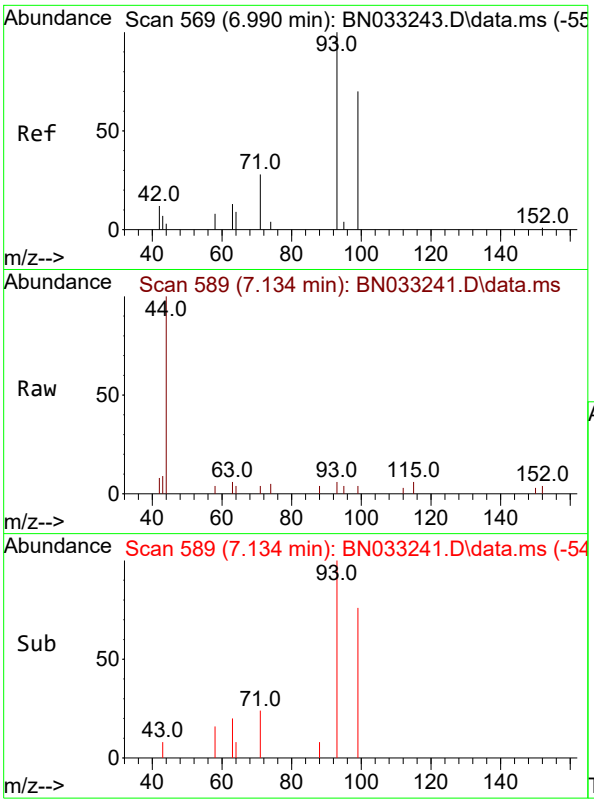


#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.029 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:112 Resp: 25

Ion	Ratio	Lower	Upper
112	100		
64	0.0	18.0	27.0#
63	12.0	0.0	0.0#



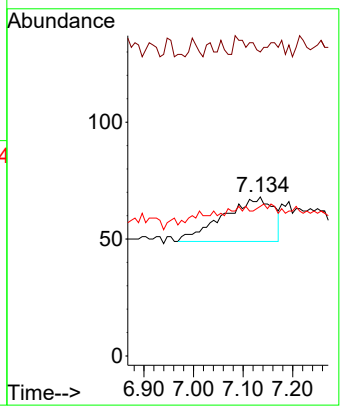


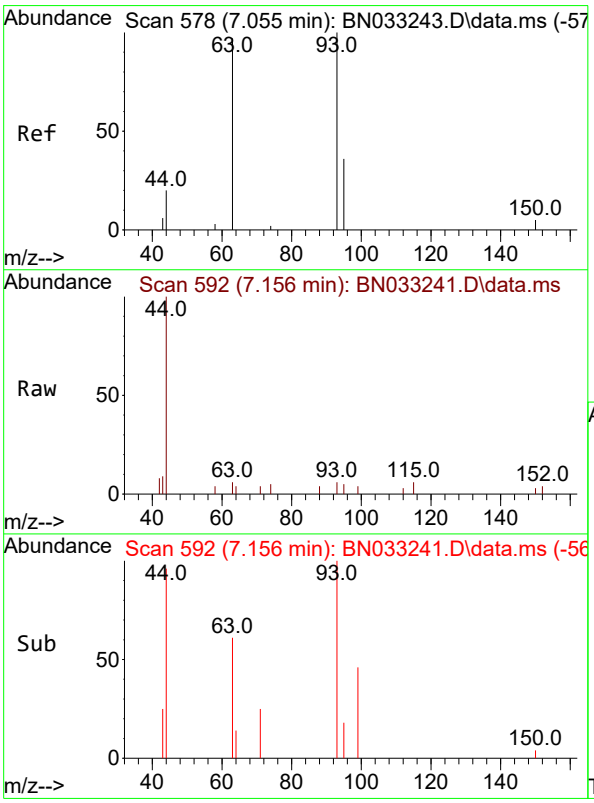
#5
Phenol-d6
Concen: 0.080 ng
RT: 7.134 min Scan# 5
Delta R.T. 0.144 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 133

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	9.8	0.0	0.0#

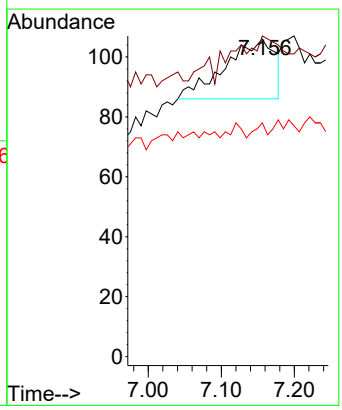


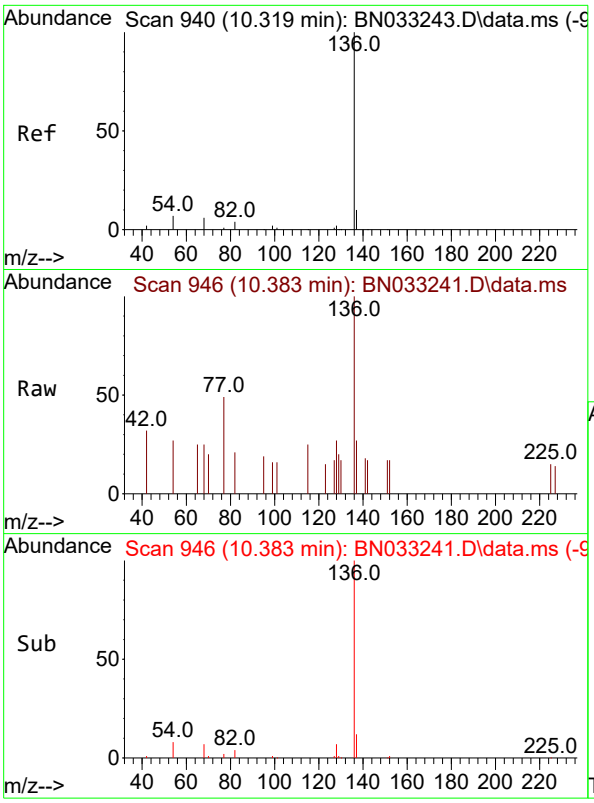


#6
bis(2-Chloroethyl)ether
Concen: 0.067 ng
RT: 7.156 min Scan# 592
Delta R.T. 0.101 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion: 93 Resp: 94

Ion	Ratio	Lower	Upper
93	100		
63	12.8	1.1	1.7#
95	5.3	0.0	0.0#



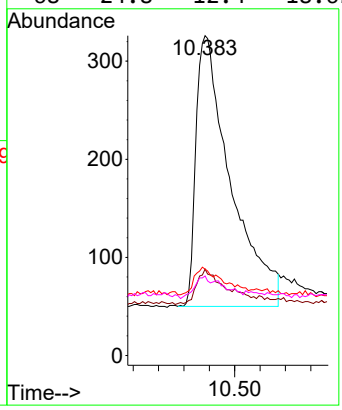


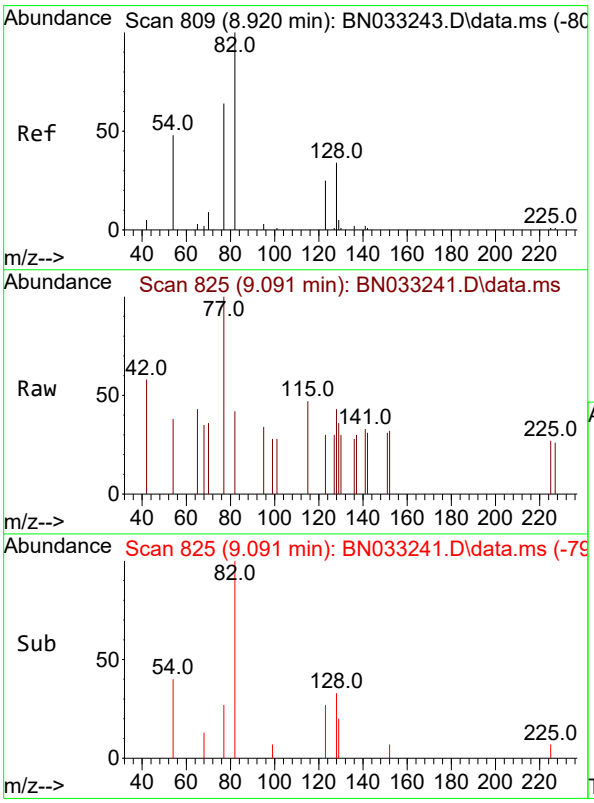
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 94
Delta R.T. 0.064 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 2618

Ion	Ratio	Lower	Upper
136	100		
137	27.0	14.1	21.1#
54	27.0	13.8	20.8#
68	24.8	12.4	18.6#

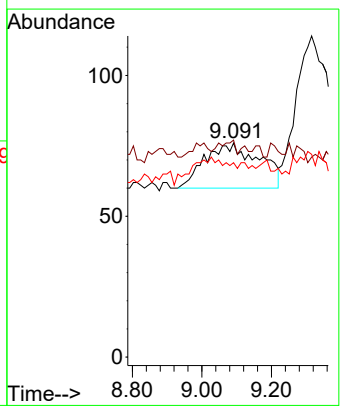


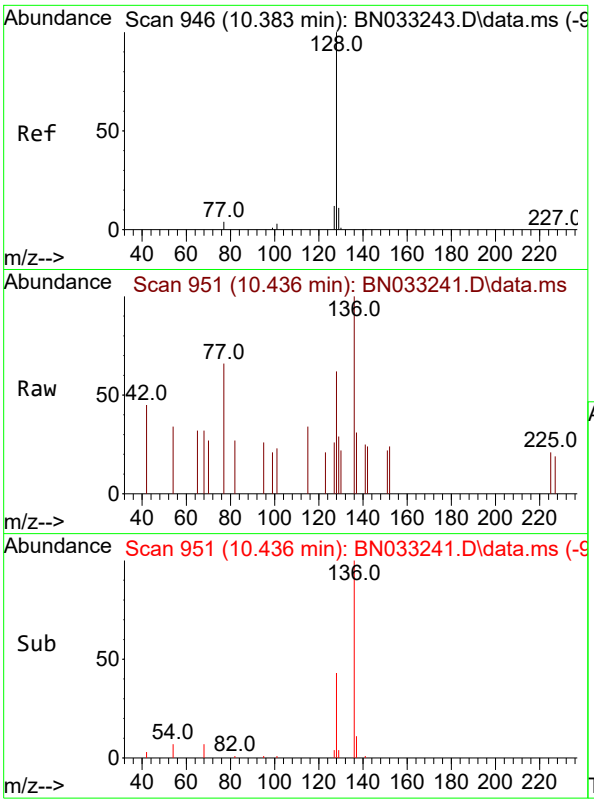


#8
Nitrobenzene-d5
Concen: 0.088 ng
RT: 9.091 min Scan# 825
Delta R.T. 0.171 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion: 82 Resp: 173

Ion	Ratio	Lower	Upper
82	100		
128	101.3	54.8	82.2#
54	90.8	55.9	83.9#



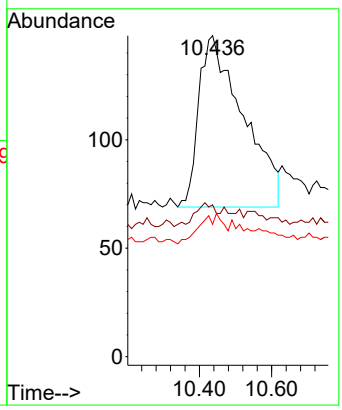


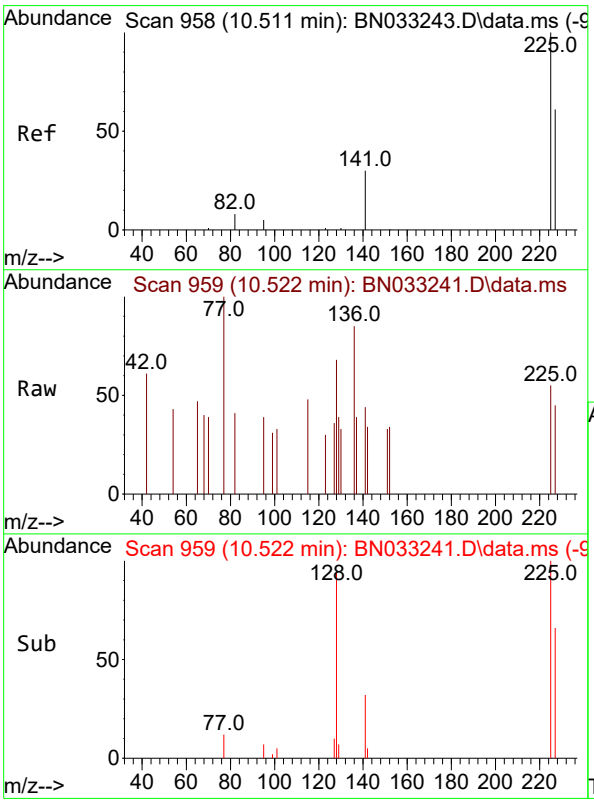
#9
Naphthalene
Concen: 0.093 ng
RT: 10.436 min Scan# 9
Delta R.T. 0.053 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 674

Ion	Ratio	Lower	Upper
128	100		
129	47.3	15.4	23.0#
127	41.2	15.8	23.6#

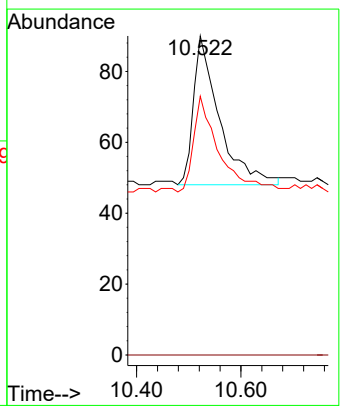


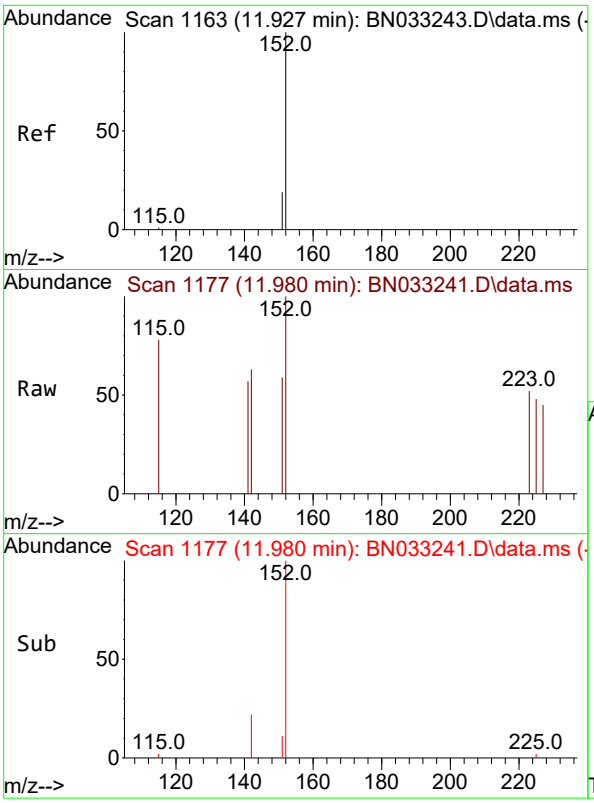


#10
Hexachlorobutadiene
Concen: 0.105 ng
RT: 10.522 min Scan# 959
Delta R.T. 0.011 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:225 Resp: 145

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.2	75.4



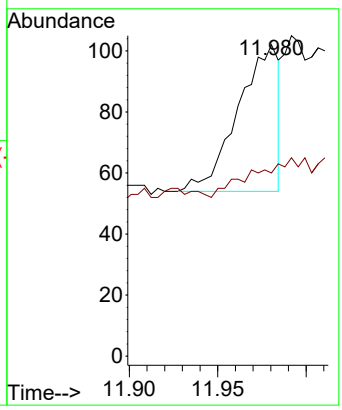


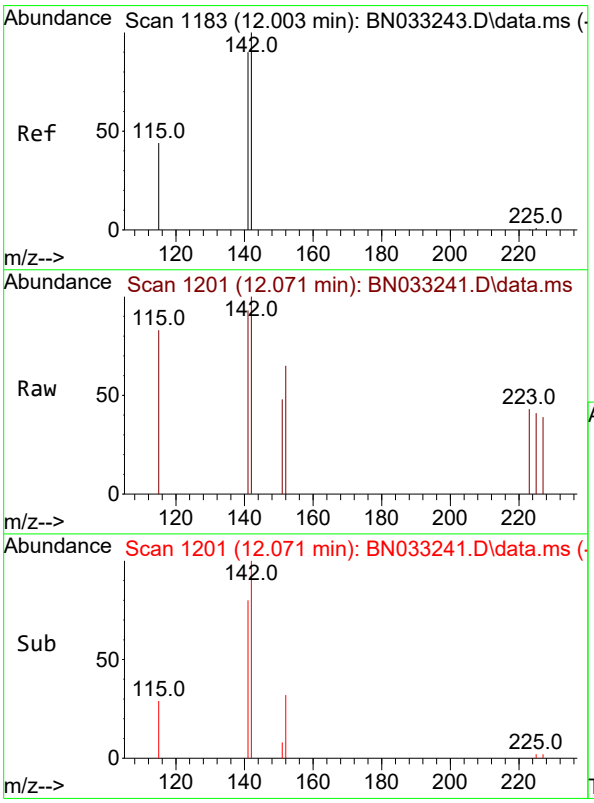
#11
2-Methylnaphthalene-d10
Concen: 0.019 ng
RT: 11.980 min Scan# 11
Delta R.T. 0.053 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 77

Ion	Ratio	Lower	Upper
152	100		
151	36.4	11.9	17.9#

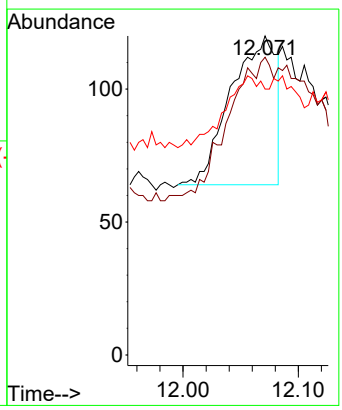


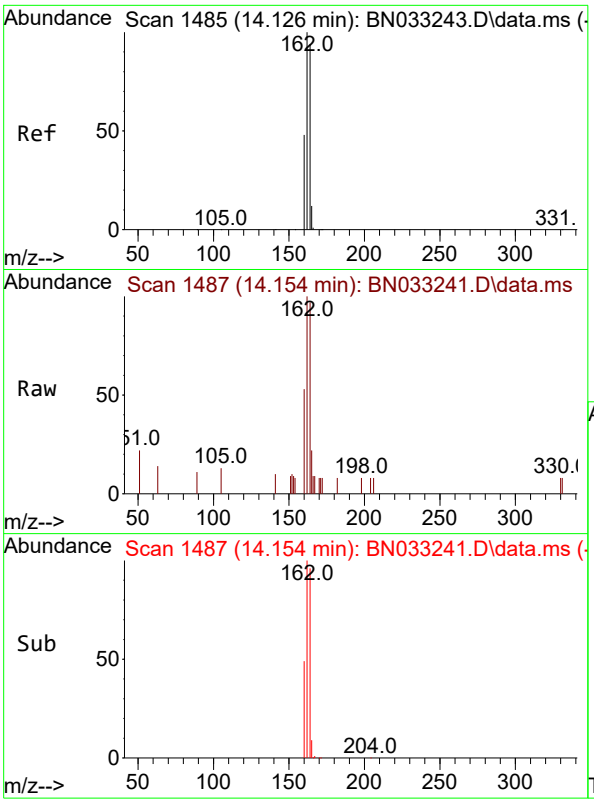


#12
2-Methylnaphthalene
Concen: 0.033 ng
RT: 12.071 min Scan# 1201
Delta R.T. 0.068 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:142 Resp: 154

Ion	Ratio	Lower	Upper
142	100		
141	93.3	68.7	103.1
115	83.3	41.6	62.4#



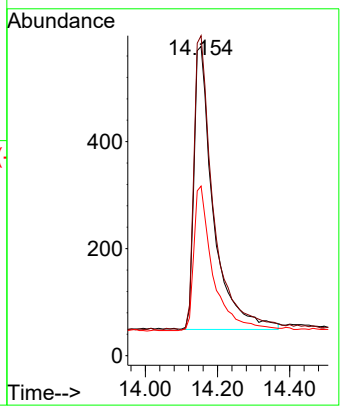


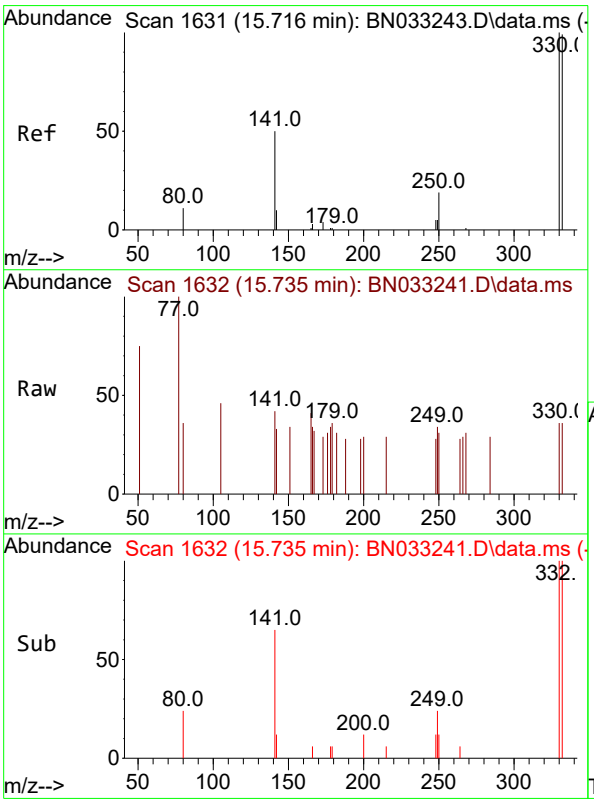
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.154 min Scan# 14
Delta R.T. 0.028 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 1972

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.6	127.0
160	54.8	42.4	63.6

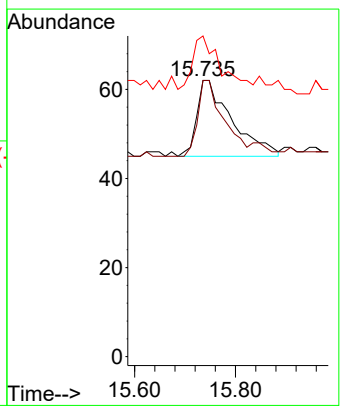


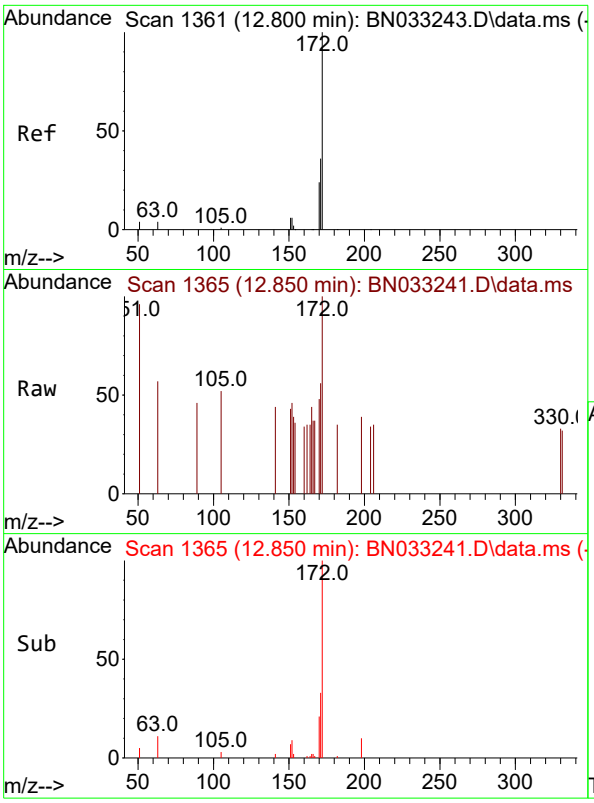


#14
2,4,6-Tribromophenol
Concen: 0.097 ng
RT: 15.735 min Scan# 1632
Delta R.T. 0.019 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:330 Resp: 82

Ion	Ratio	Lower	Upper
330	100		
332	82.9	73.7	110.5
141	54.9	44.8	67.2



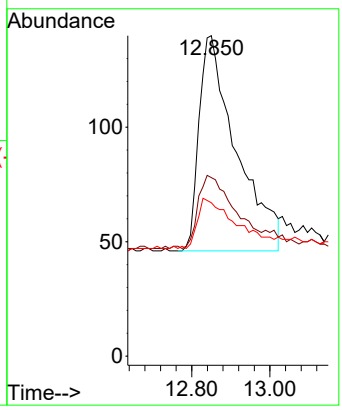


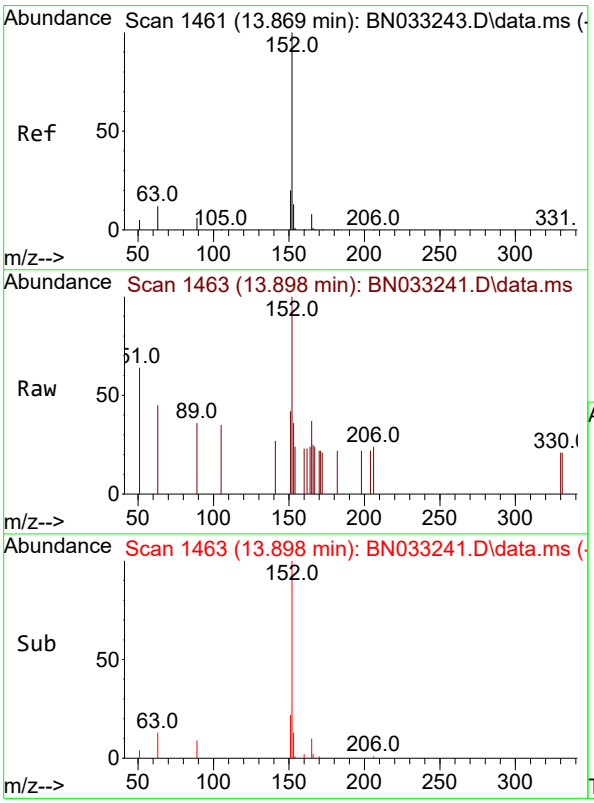
#15
2-Fluorobiphenyl
Concen: 0.085 ng
RT: 12.850 min Scan# 1
Delta R.T. 0.050 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 622

Ion	Ratio	Lower	Upper
172	100		
171	55.7	32.3	48.5#
170	47.9	23.4	35.2#

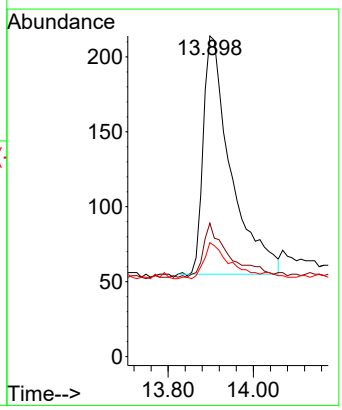


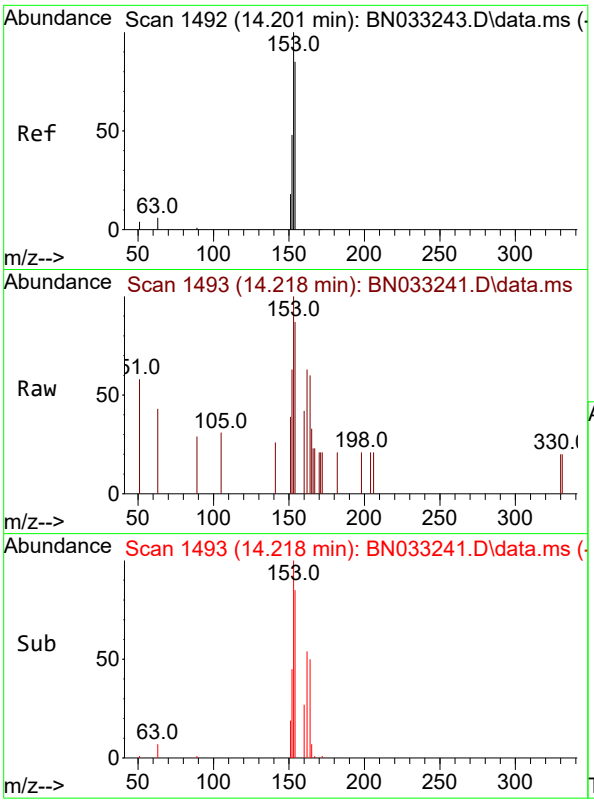


#16
Acenaphthylene
Concen: 0.089 ng
RT: 13.898 min Scan# 1463
Delta R.T. 0.028 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:152 Resp: 711

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.1	24.1
153	14.2	10.2	15.2



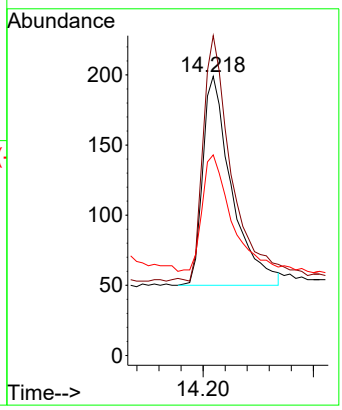


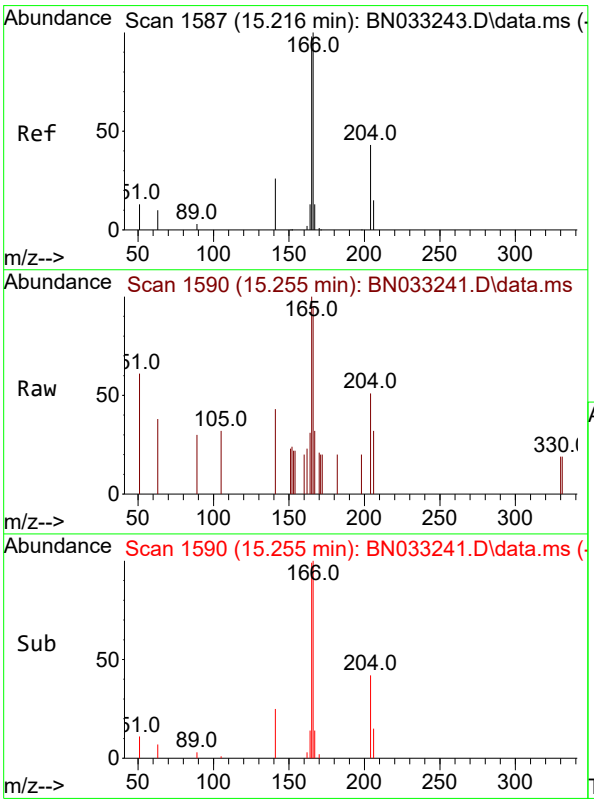
#17
Acenaphthene
Concen: 0.096 ng
RT: 14.218 min Scan# 14
Delta R.T. 0.017 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 543

Ion	Ratio	Lower	Upper
154	100		
153	112.9	92.7	139.1
152	56.0	44.0	66.0

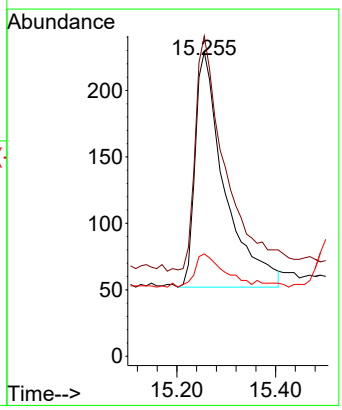


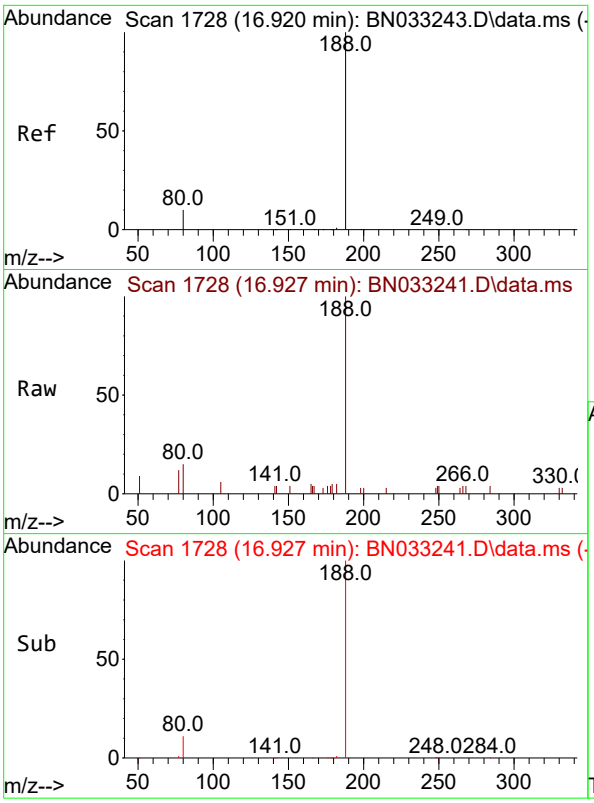


#18
Fluorene
Concen: 0.096 ng
RT: 15.255 min Scan# 1590
Delta R.T. 0.039 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:166 Resp: 728

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.6	119.4
167	14.1	10.6	16.0



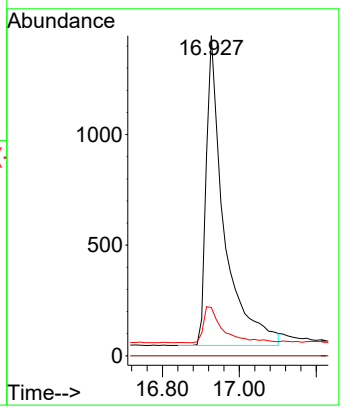


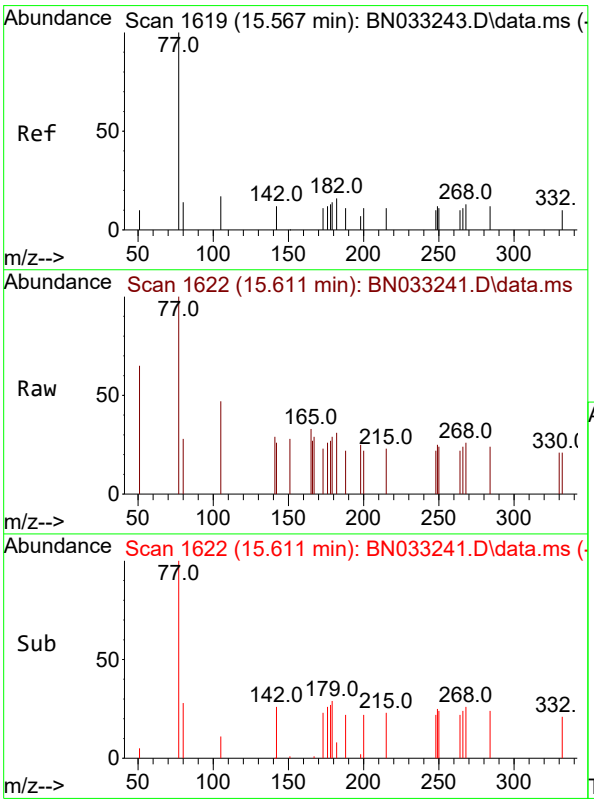
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.927 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 4473

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	10.2	15.4

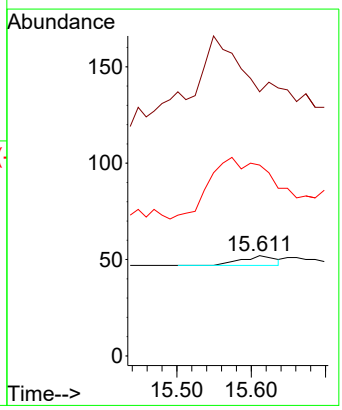


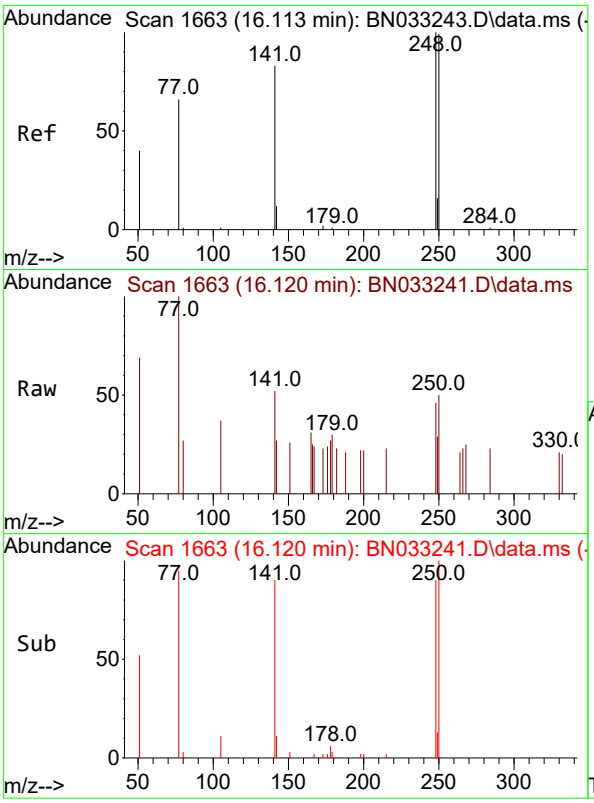


#20
4,6-Dinitro-2-methylphenol
Concen: 0.024 ng
RT: 15.611 min Scan# 1622
Delta R.T. 0.044 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:198 Resp: 15

Ion	Ratio	Lower	Upper
198	100		
51	263.5	250.6	375.8
105	190.4	152.6	229.0



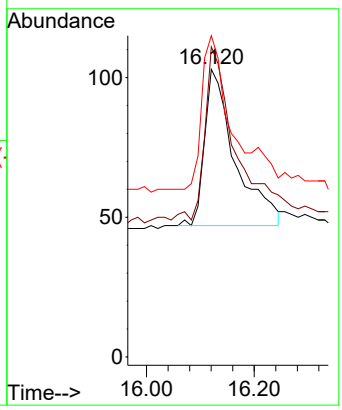


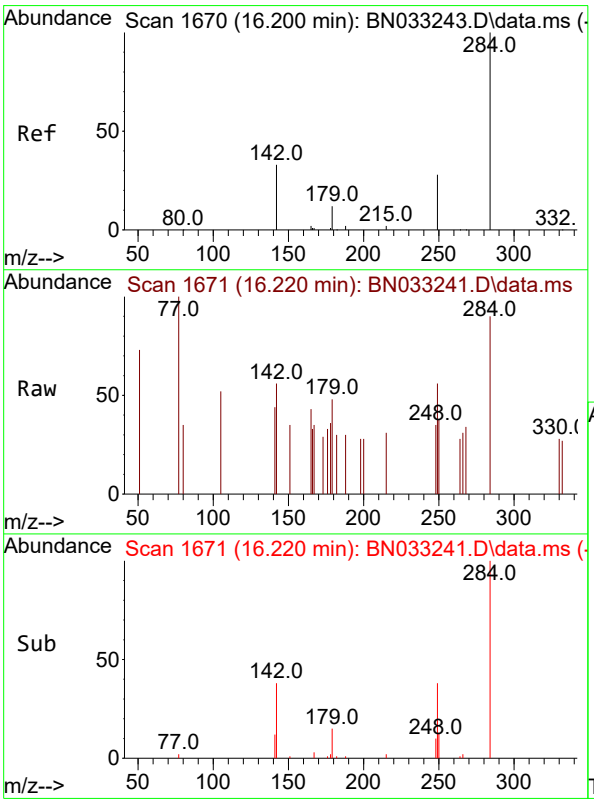
#21
4-Bromophenyl-phenylether
Concen: 0.084 ng
RT: 16.120 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 220

Ion	Ratio	Lower	Upper
248	100		
250	107.8	80.0	120.0
141	111.7	71.0	106.6#

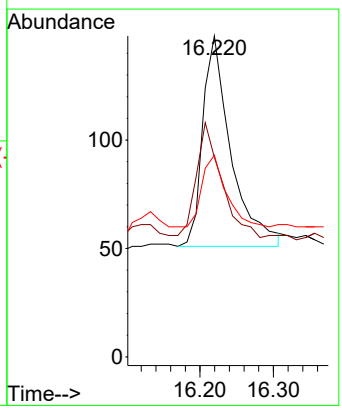


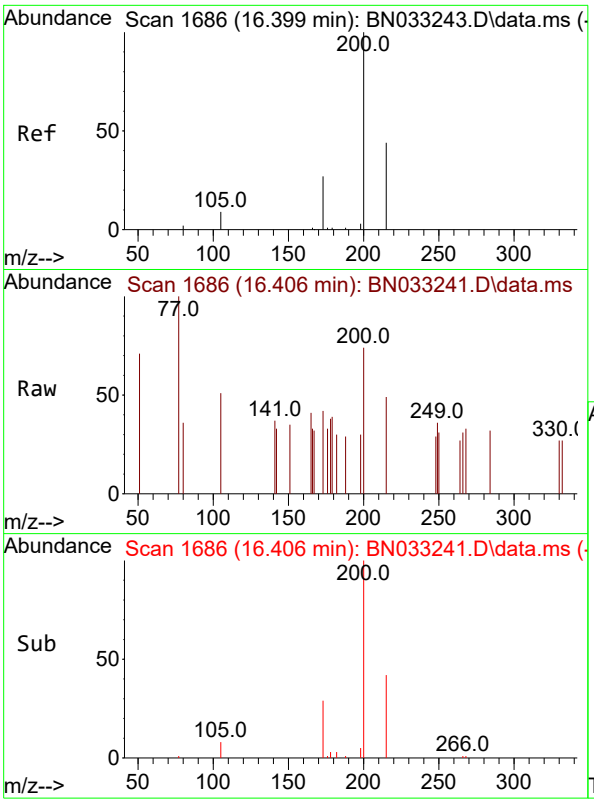


#22
Hexachlorobenzene
Concen: 0.088 ng
RT: 16.220 min Scan# 1671
Delta R.T. 0.020 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:284 Resp: 259

Ion	Ratio	Lower	Upper
284	100		
142	45.9	38.8	58.2
249	31.7	27.8	41.6



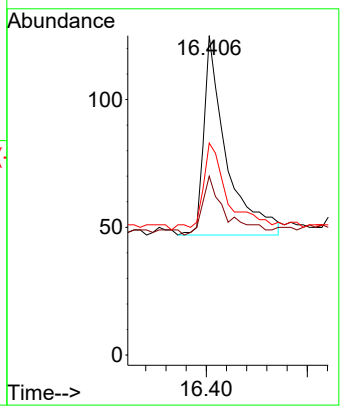


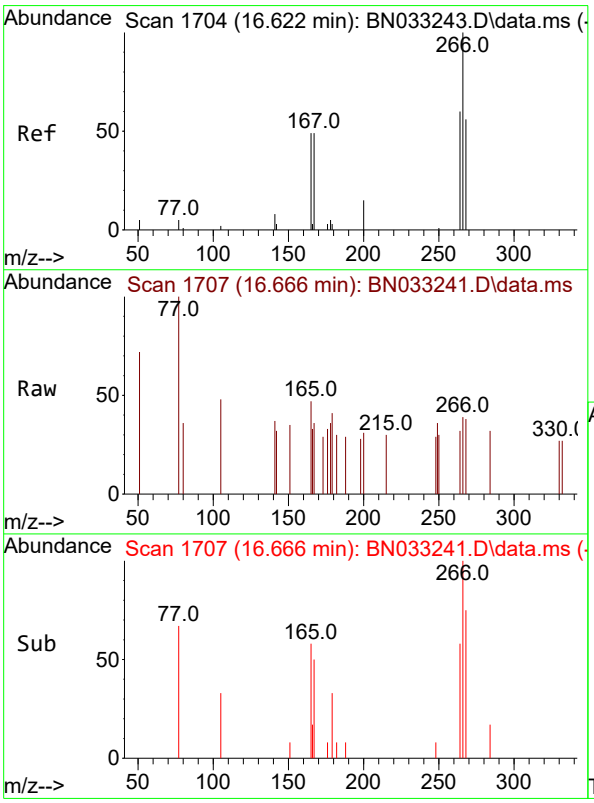
#23
Atrazine
Concen: 0.125 ng
RT: 16.406 min Scan# 1(
Delta R.T. 0.007 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 241

Ion	Ratio	Lower	Upper
200	100		
173	56.0	29.2	43.8#
215	66.4	41.5	62.3#

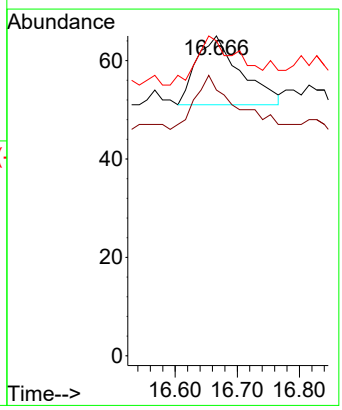


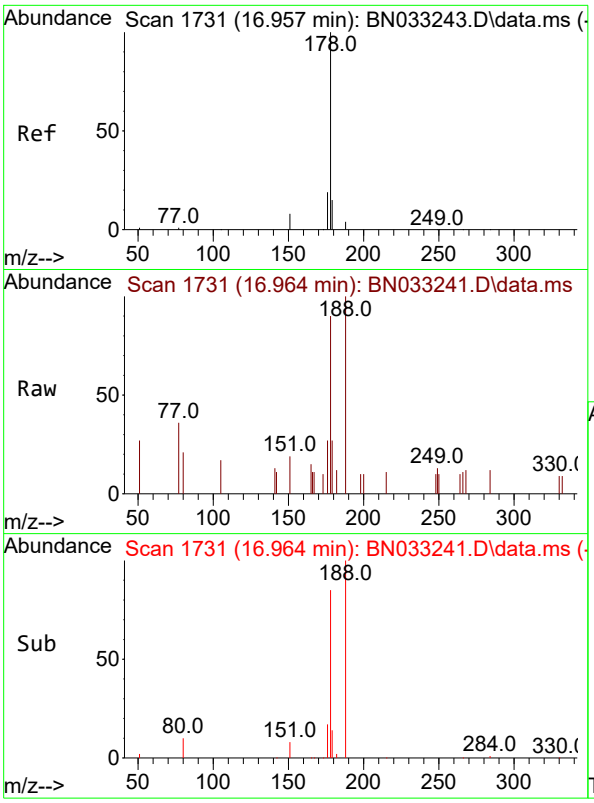


#24
Pentachlorophenol
Concen: 0.063 ng
RT: 16.666 min Scan# 1707
Delta R.T. 0.044 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
264	72.5	49.3	73.9
268	68.1	50.2	75.2



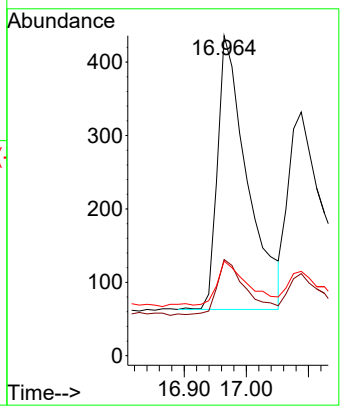


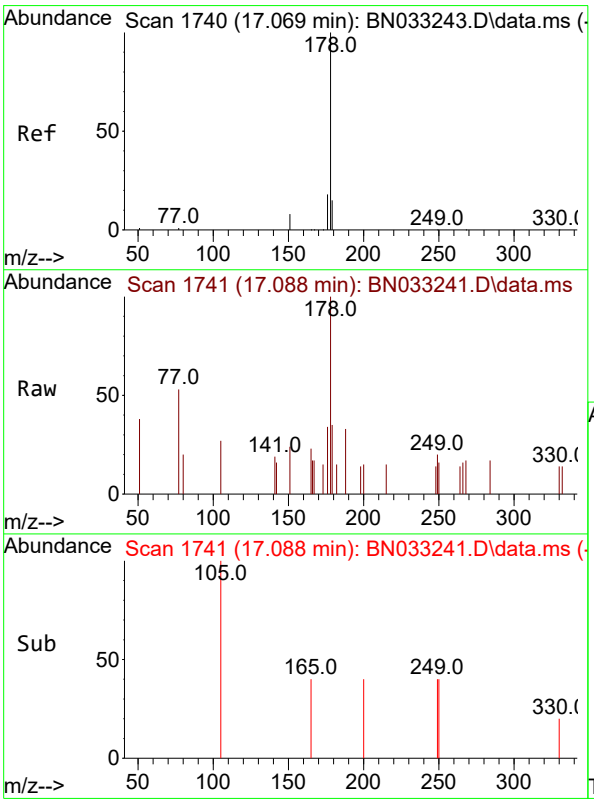
#25
Phenanthrene
Concen: 0.101 ng
RT: 16.964 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1237

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.4	12.4	18.6

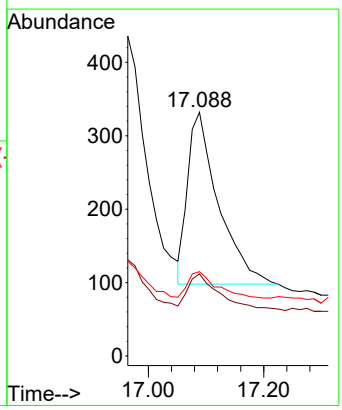


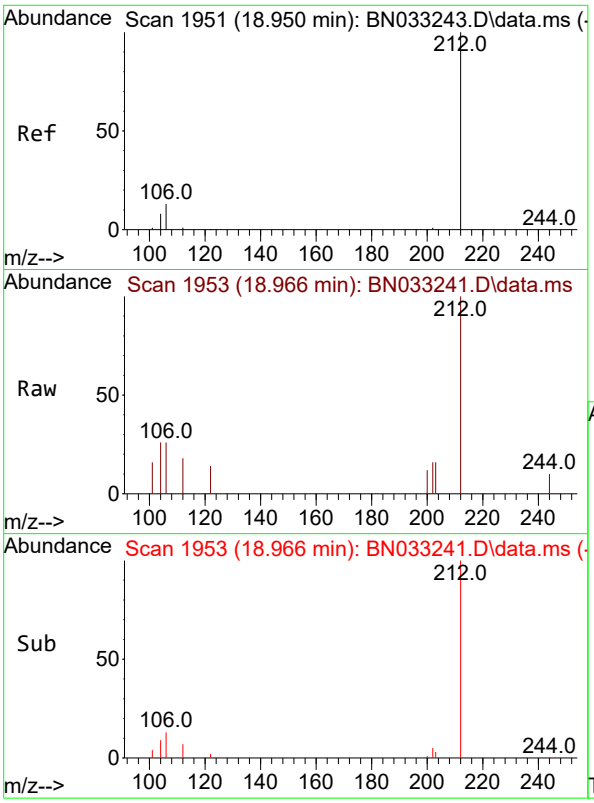


#26
Anthracene
Concen: 0.086 ng
RT: 17.088 min Scan# 1741
Delta R.T. 0.019 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:178 Resp: 867

Ion	Ratio	Lower	Upper
178	100		
176	19.8	10.5	15.7#
179	14.0	8.6	12.8#



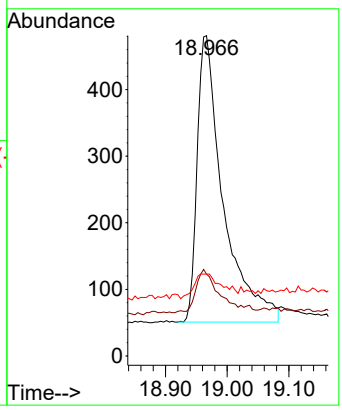


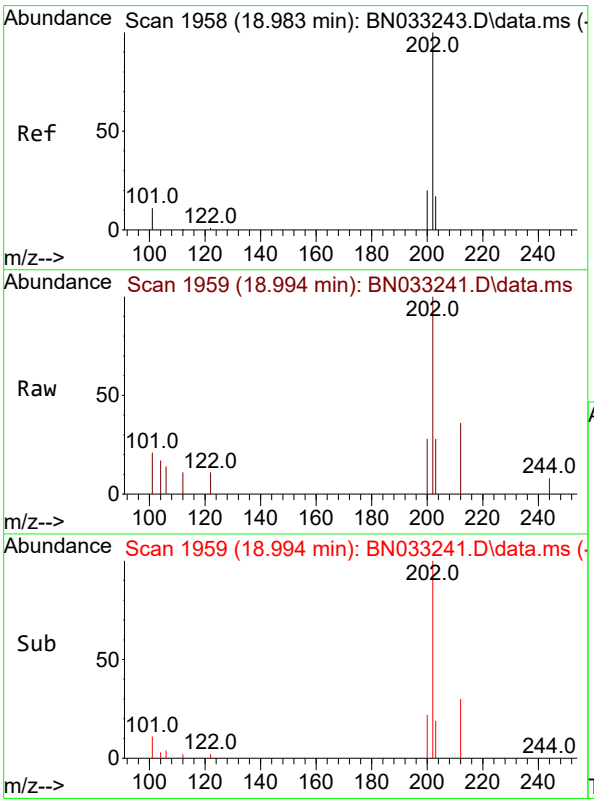
#27
Fluoranthene-d10
Concen: 0.109 ng
RT: 18.966 min Scan# 1
Delta R.T. 0.016 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 1262

Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.4	17.0
104	9.4	7.1	10.7

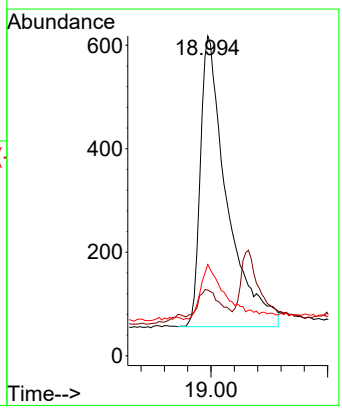


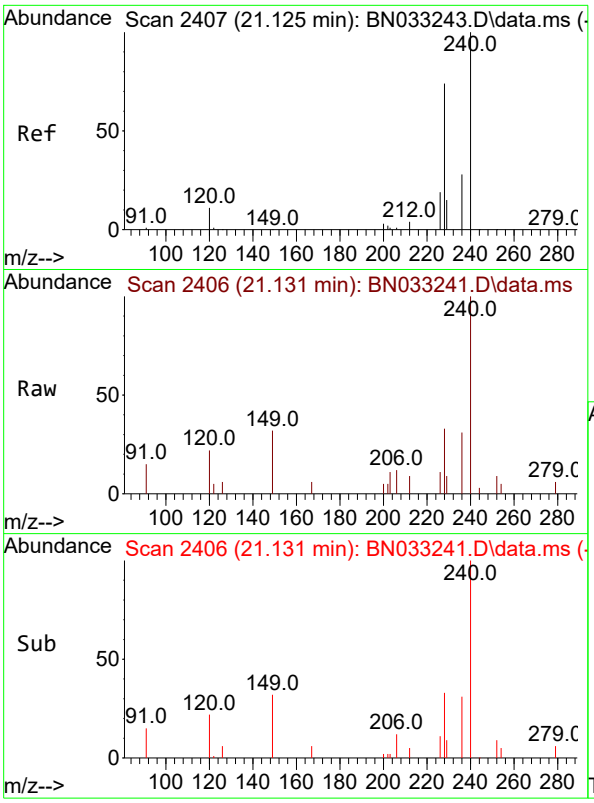


#28
Fluoranthene
Concen: 0.120 ng
RT: 18.994 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:202 Resp: 1768

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.6	13.0#
203	17.8	13.8	20.8



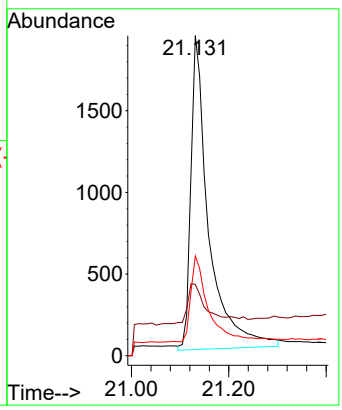


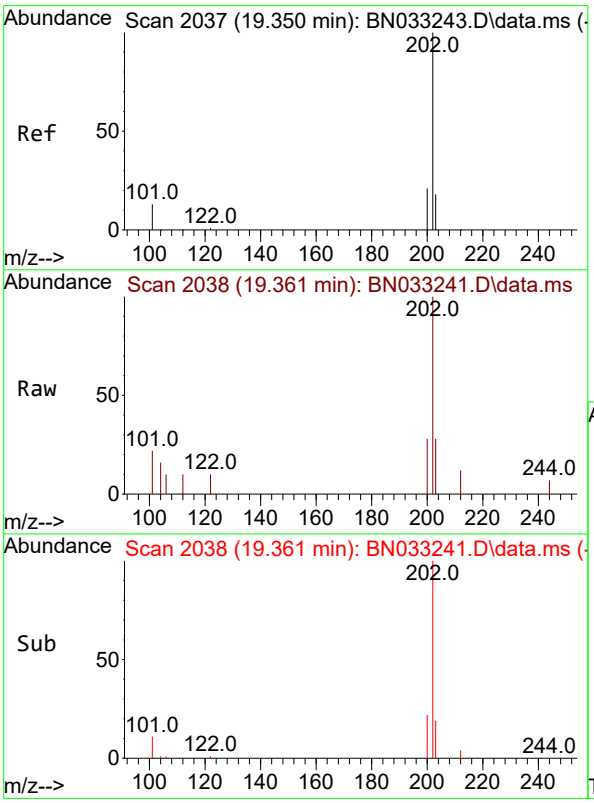
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.131 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 4894

Ion	Ratio	Lower	Upper
240	100		
120	22.3	13.3	19.9#
236	31.1	23.8	35.6

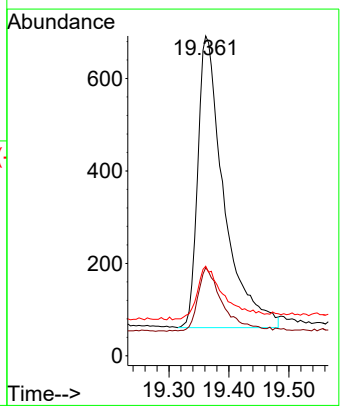


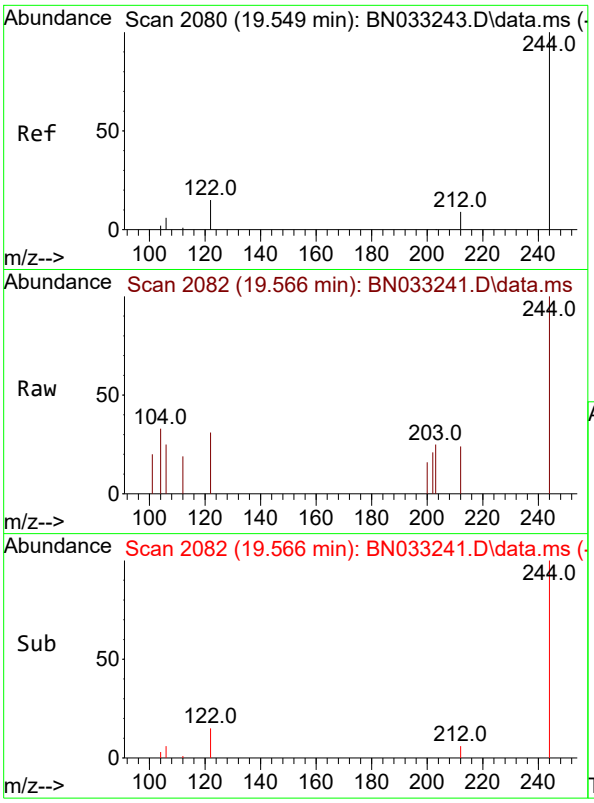


#30
Pyrene
Concen: 0.095 ng
RT: 19.361 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:202 Resp: 1904

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	18.7	14.4	21.6



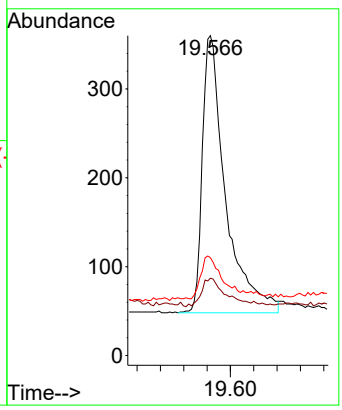


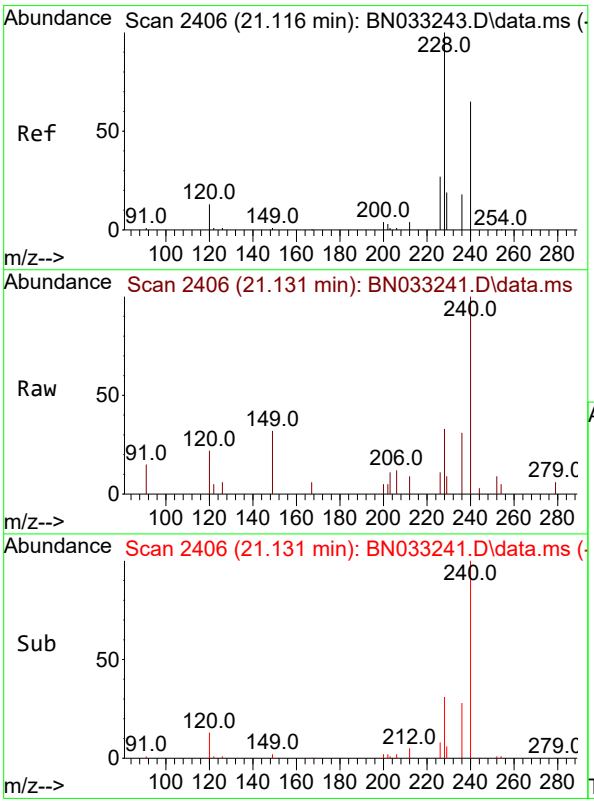
#31
Terphenyl-d14
Concen: 0.086 ng
RT: 19.566 min Scan# 2
Delta R.T. 0.016 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 864

Ion	Ratio	Lower	Upper
244	100		
212	24.2	9.9	14.9#
122	30.6	14.1	21.1#

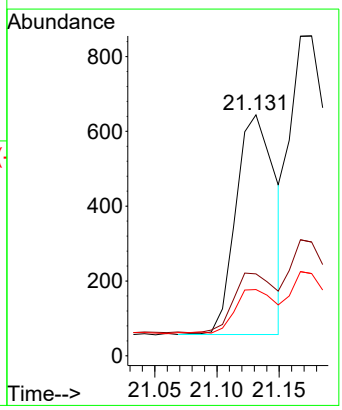


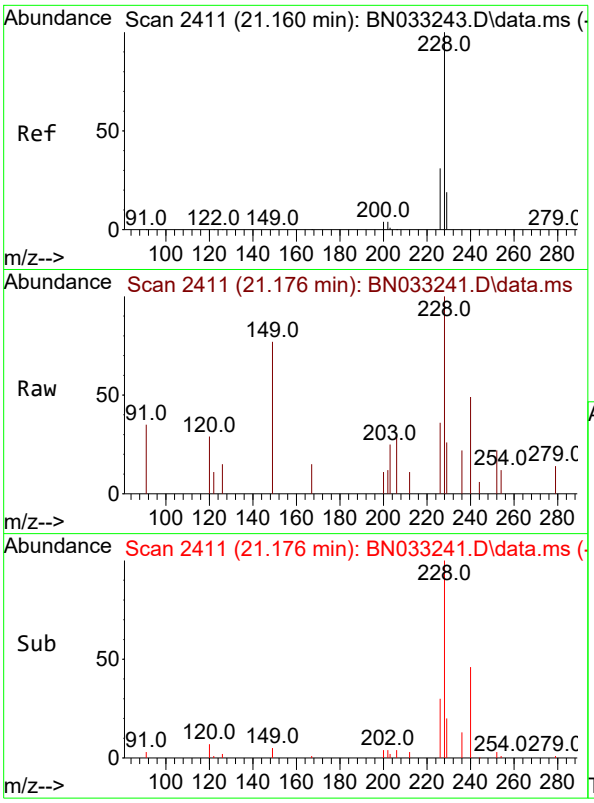


#32
Benzo(a)anthracene
Concen: 0.083 ng
RT: 21.131 min Scan# 2406
Delta R.T. 0.015 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:228 Resp: 1285

Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.4	33.6#
229	27.5	16.6	25.0#



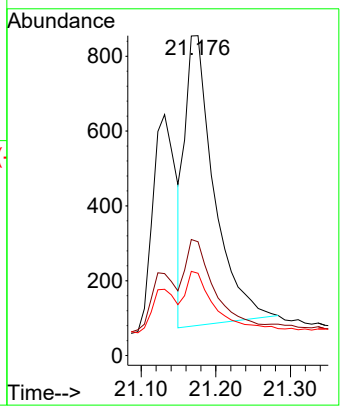


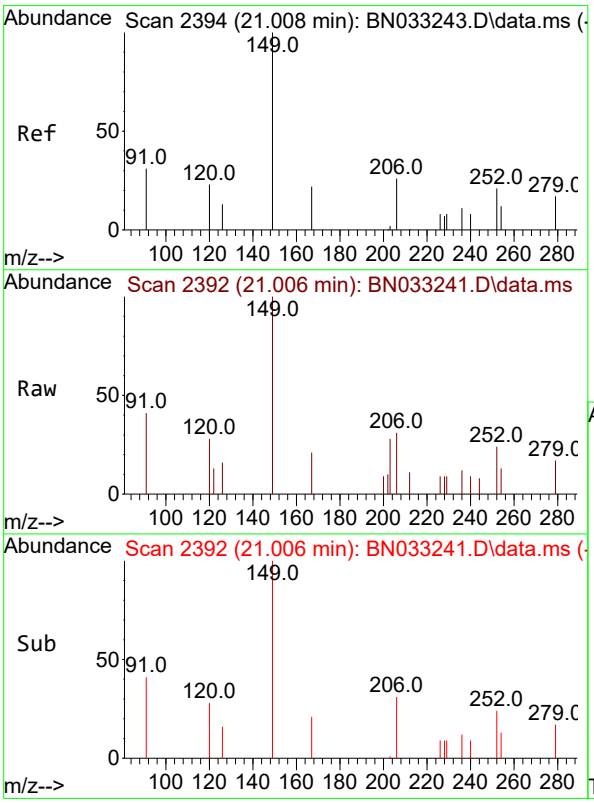
#33
Chrysene
Concen: 0.114 ng
RT: 21.176 min Scan# 24
Delta R.T. 0.016 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2100

Ion	Ratio	Lower	Upper
228	100		
226	35.6	25.1	37.7
229	25.7	16.2	24.2#

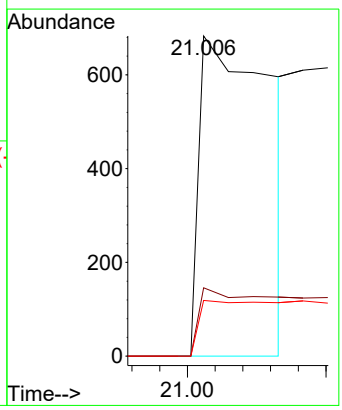


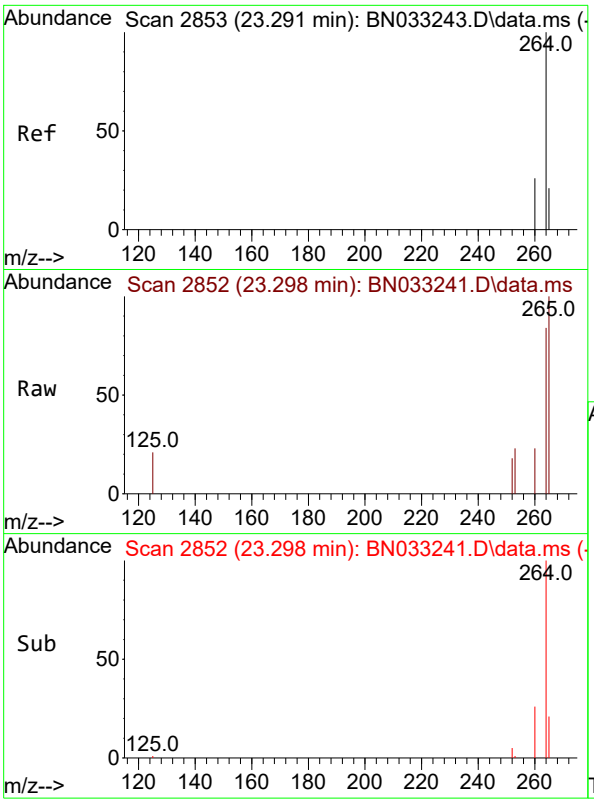


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.126 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:149 Resp: 1081

Ion	Ratio	Lower	Upper
149	100		
167	39.1	19.8	29.6#
279	18.6	8.2	12.4#



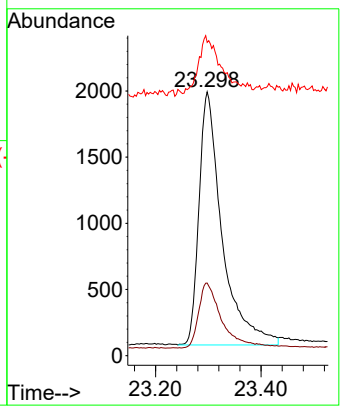


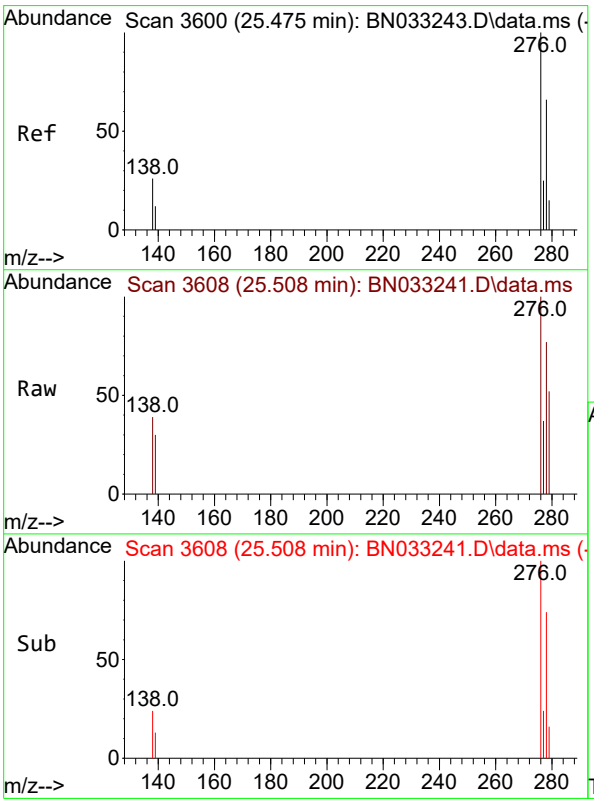
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.298 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 5815

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.4	32.2
265	118.7	66.6	99.8#

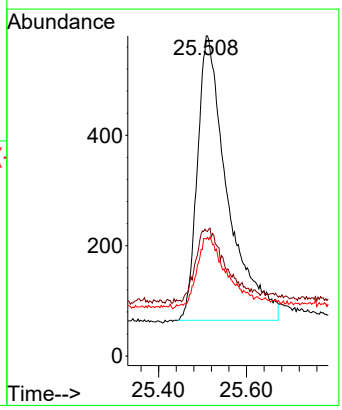


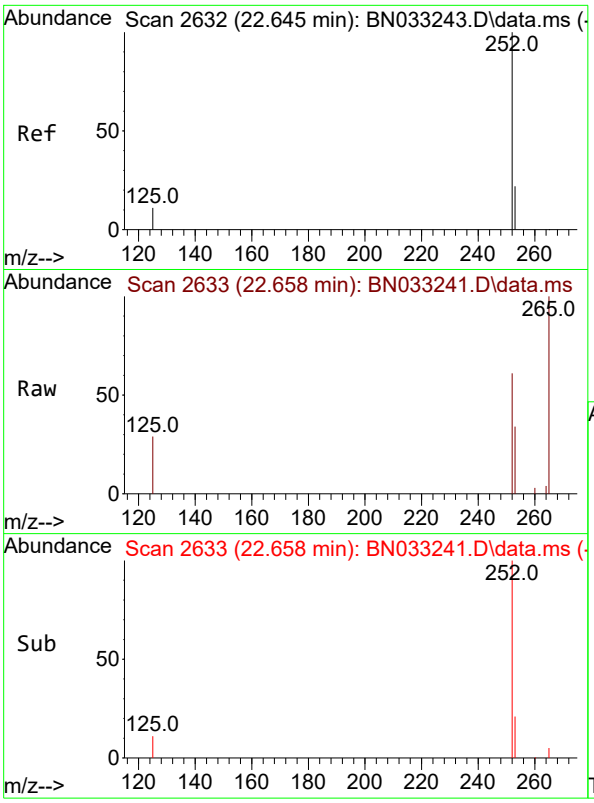


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng
RT: 25.508 min Scan# 3608
Delta R.T. 0.033 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:276 Resp: 2454

Ion	Ratio	Lower	Upper
276	100		
138	10.2	20.4	30.6#
277	8.5	19.9	29.9#



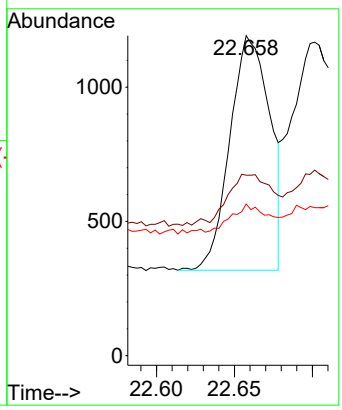


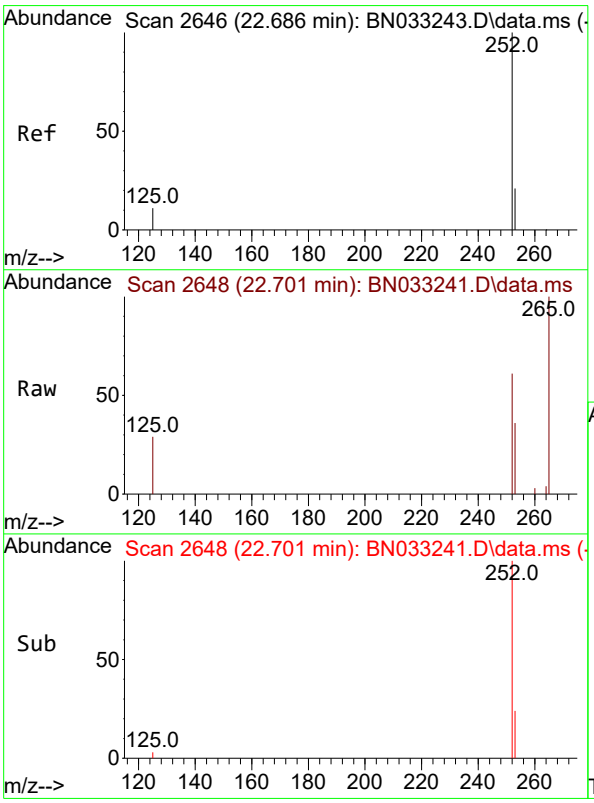
#37
Benzo(b)fluoranthene
Concen: 0.077 ng
RT: 22.658 min Scan# 2
Delta R.T. 0.013 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1558

Ion	Ratio	Lower	Upper
252	100		
253	56.4	23.3	34.9#
125	47.4	14.6	22.0#

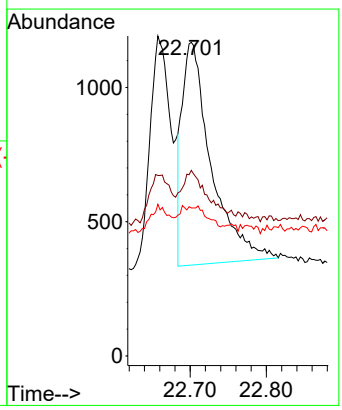


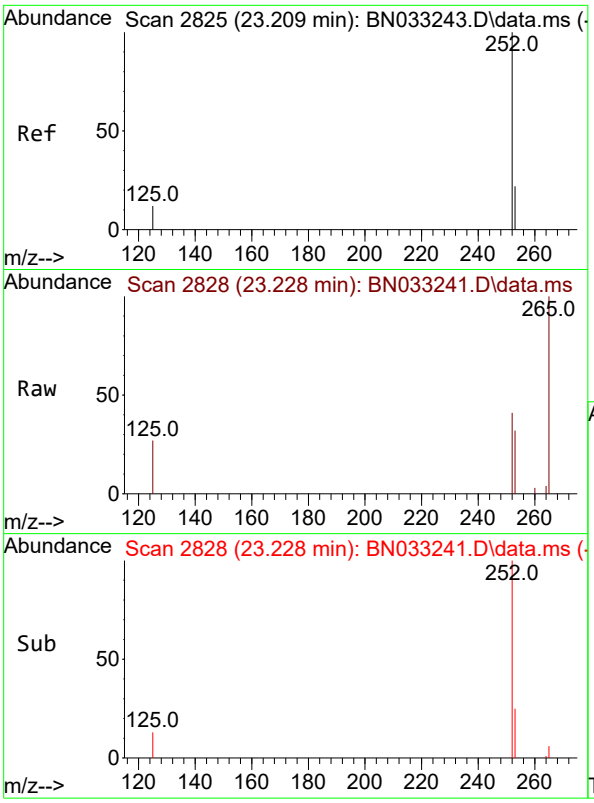


#38
Benzo(k)fluoranthene
Concen: 0.095 ng
RT: 22.701 min Scan# 2648
Delta R.T. 0.015 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:252 Resp: 2202

Ion	Ratio	Lower	Upper
252	100		
253	59.2	23.7	35.5#
125	47.2	15.4	23.0#



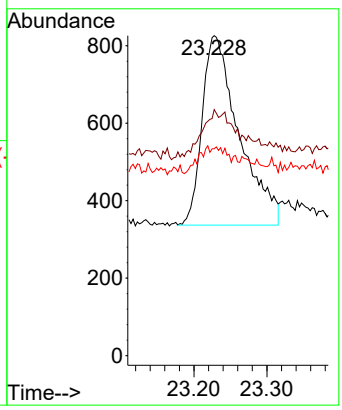


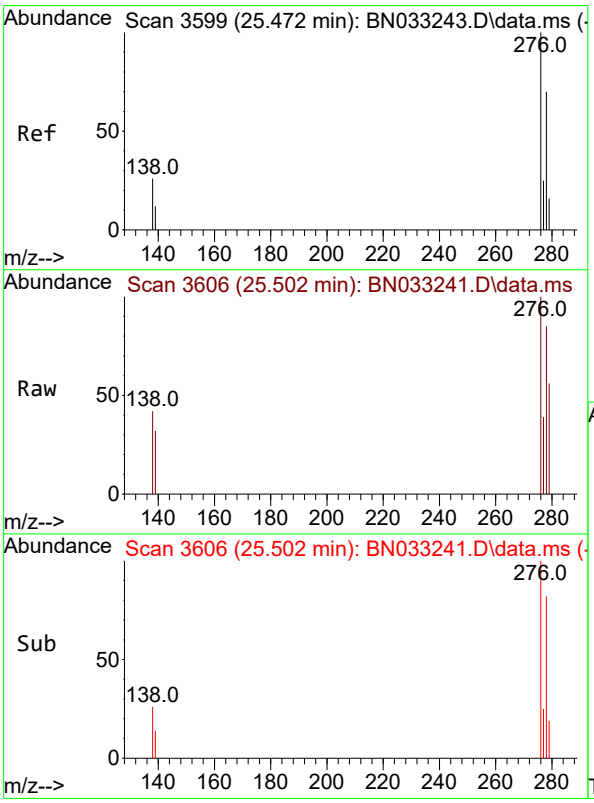
#39
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.228 min Scan# 2
Delta R.T. 0.019 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1721

Ion	Ratio	Lower	Upper
252	100		
253	76.9	28.4	42.6#
125	64.6	20.1	30.1#

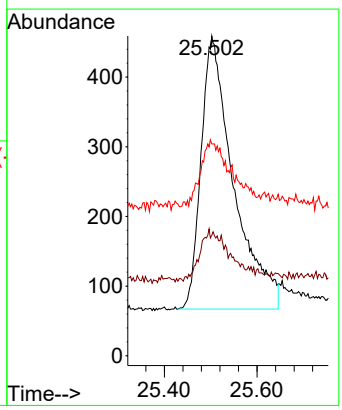


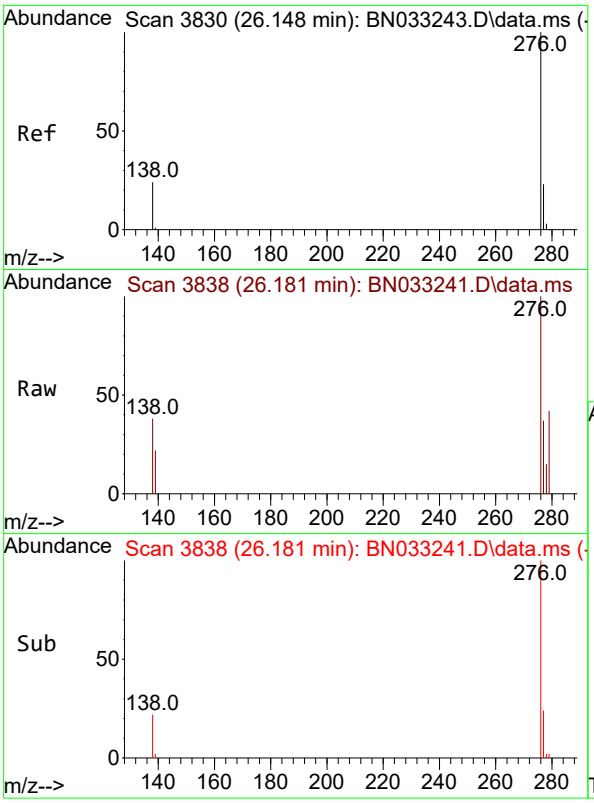


#40
Dibenzo(a,h)anthracene
Concen: 0.105 ng
RT: 25.502 min Scan# 3606
Delta R.T. 0.030 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Tgt Ion:278 Resp: 1909

Ion	Ratio	Lower	Upper
278	100		
139	37.7	16.7	25.1#
279	66.2	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.114 ng
RT: 26.181 min Scan# 3
Delta R.T. 0.033 min
Lab File: BN033241.D
Acq: 05 Aug 2024 18:39

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2292

Ion	Ratio	Lower	Upper
276	100		
277	37.0	21.0	31.4#
138	37.9	21.4	32.0#