Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033808.D
Acq On : 07 Sep 2024 07:19
Operator : MA/JU
Sample : SP6616
Misc : 8270 SIM SPIKE
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6616

Quant Time: Sep 09 00:25:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4741	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	12062	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5549	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	10386	0.400	ng	#-0.01
29) Chrysene-d12	21.112	240	7402	0.400	ng	# 0.00
35) Perylene-d12	23.265	264	7890	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	3	0.000	ng	0.00
5) Phenol-d6	6.700	99	12	0.001	ng	0.00
8) Nitrobenzene-d5	8.702	82	12	0.001	ng	0.05
11) 2-Methylnaphthalene-d10	11.839	152	1569	0.092	ng	-0.03
14) 2,4,6-Tribromophenol	15.626	330	2	0.001	ng	-0.02
15) 2-Fluorobiphenyl	12.756	172	15	0.001	ng	-0.01
27) Fluoranthene-d10	18.938	212	11	0.000	ng	0.00
31) Terphenyl-d14	19.560	244	27	0.002	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	2147	0.398	ng	# 36
3) n-Nitrosodimethylamine	3.450	42	2831	0.447	ng	# 88
6) bis(2-Chloroethyl)ether	6.946	93	5113	0.394	ng	98
9) Naphthalene	10.314	128	12739	0.395	ng	99
10) Hexachlorobutadiene	10.613	225	2694	0.402	ng	# 99
12) 2-Methylnaphthalene	11.937	142	7873	0.399	ng	97
16) Acenaphthylene	13.857	152	9697	0.404	ng	100
17) Acenaphthene	14.210	154	6707	0.408	ng	99
18) Fluorene	15.204	166	7907	0.390	ng	99
20) 4,6-Dinitro-2-methylph...	15.290	198	645	0.393	ng	# 57
21) 4-Bromophenyl-phenylether	16.098	248	2367	0.393	ng	# 73
22) Hexachlorobenzene	16.209	284	2776	0.402	ng	95
23) Atrazine	16.383	200	1840	0.383	ng	# 90
24) Pentachlorophenol	16.557	266	1741	0.617	ng	98
25) Phenanthrene	16.942	178	11684	0.408	ng	99
26) Anthracene	17.029	178	10290	0.414	ng	100
28) Fluoranthene	18.970	202	11790	0.368	ng	98
30) Pyrene	19.337	202	12525	0.420	ng	99
32) Benzo(a)anthracene	21.095	228	10607	0.401	ng	99
33) Chrysene	21.148	228	11390	0.436	ng	98
34) Bis(2-ethylhexyl)phtha...	21.059	149	5295	0.367	ng	99
36) Indeno(1,2,3-cd)pyrene	25.396	276	13771	0.422	ng	97
37) Benzo(b)fluoranthene	22.627	252	11286	0.389	ng	98
38) Benzo(k)fluoranthene	22.668	252	11668	0.413	ng	98
39) Benzo(a)pyrene	23.171	252	10518	0.434	ng	97
40) Dibenzo(a,h)anthracene	25.414	278	10962	0.419	ng	98
41) Benzo(g,h,i)perylene	26.042	276	11019	0.389	ng	98

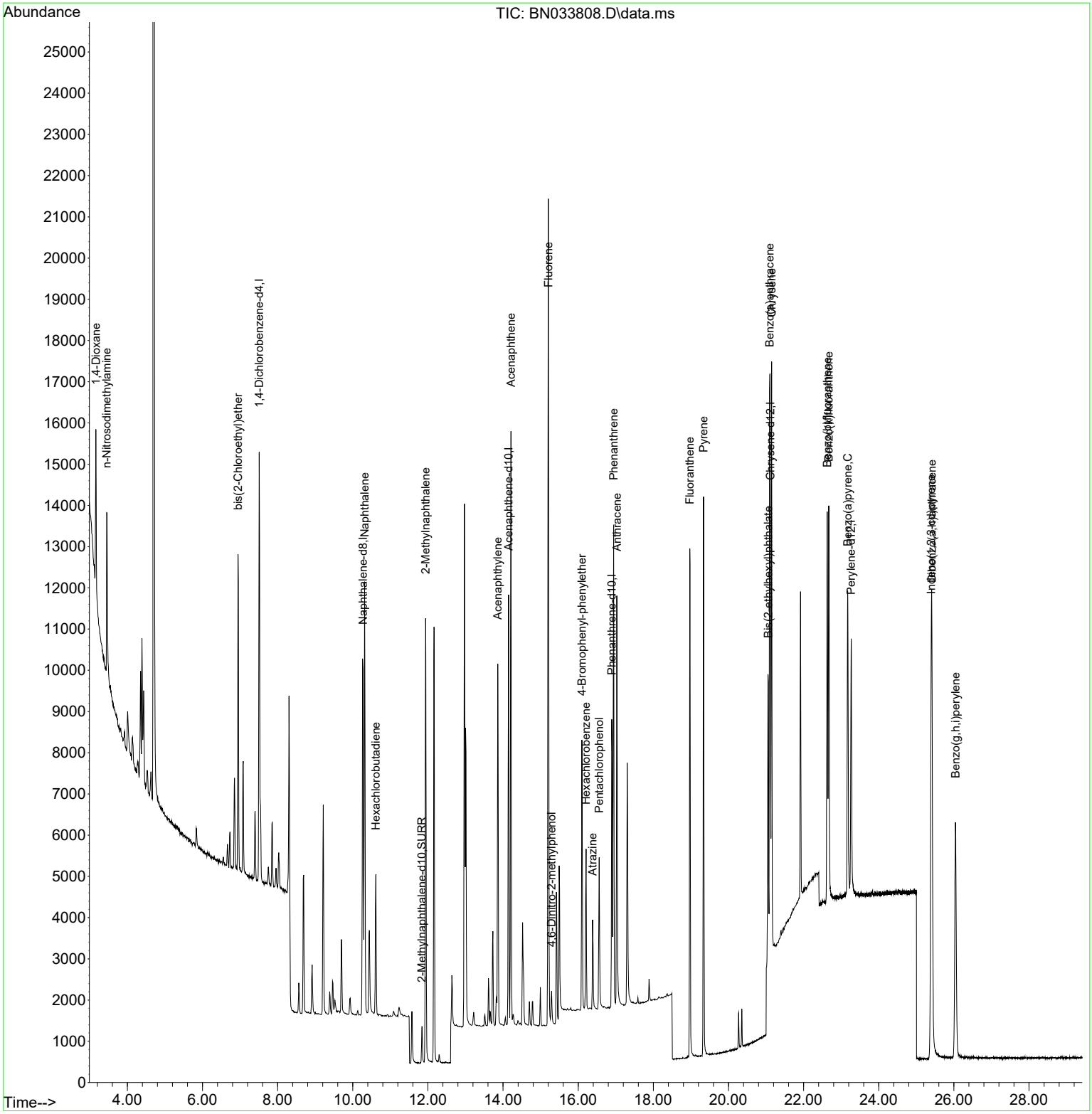
(#) = qualifier out of range (m) = manual integration (+) = signals summed

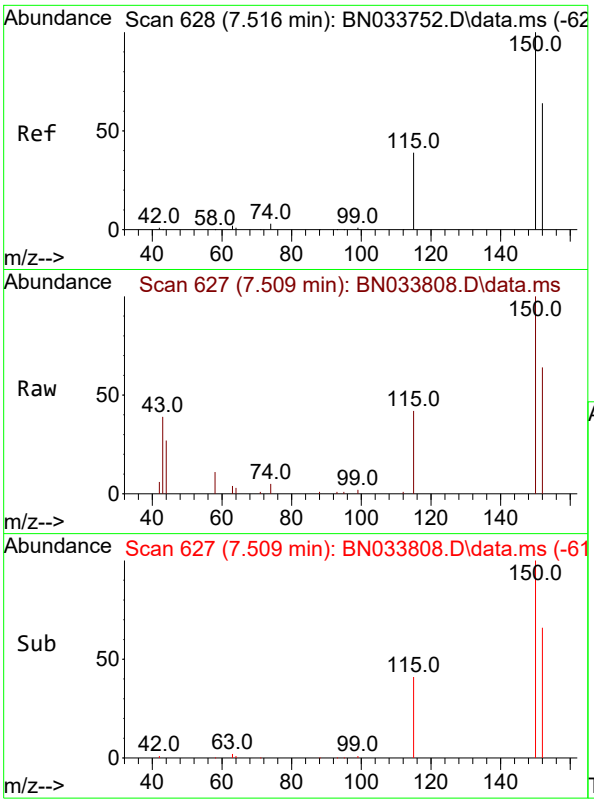
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033808.D
Acq On : 07 Sep 2024 07:19
Operator : MA/JU
Sample : SP6616
Misc : 8270 SIM SPIKE
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6616

Quant Time: Sep 09 00:25:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration



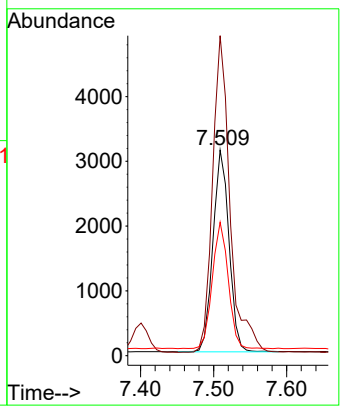


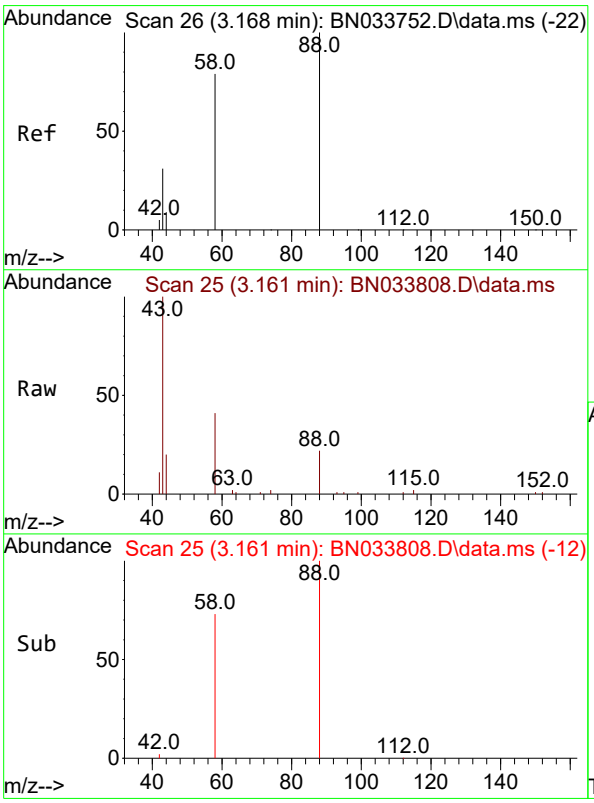
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.509 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:152 Resp: 4741

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.3	184.9
115	64.9	51.0	76.4

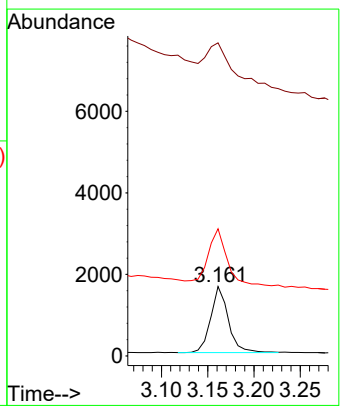


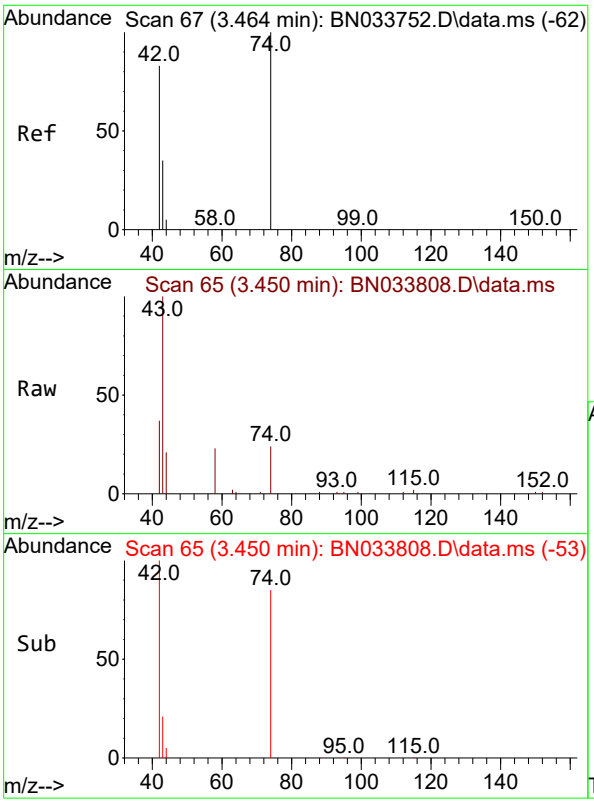


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.161 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion: 88 Resp: 2147

Ion	Ratio	Lower	Upper
88	100		
43	121.0	29.0	43.4#
58	105.1	64.1	96.1#



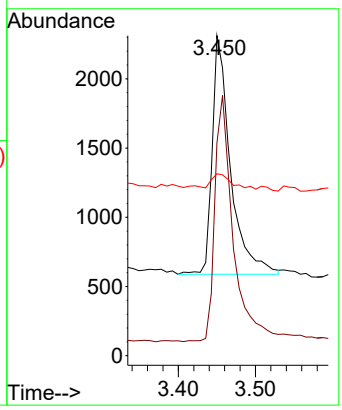


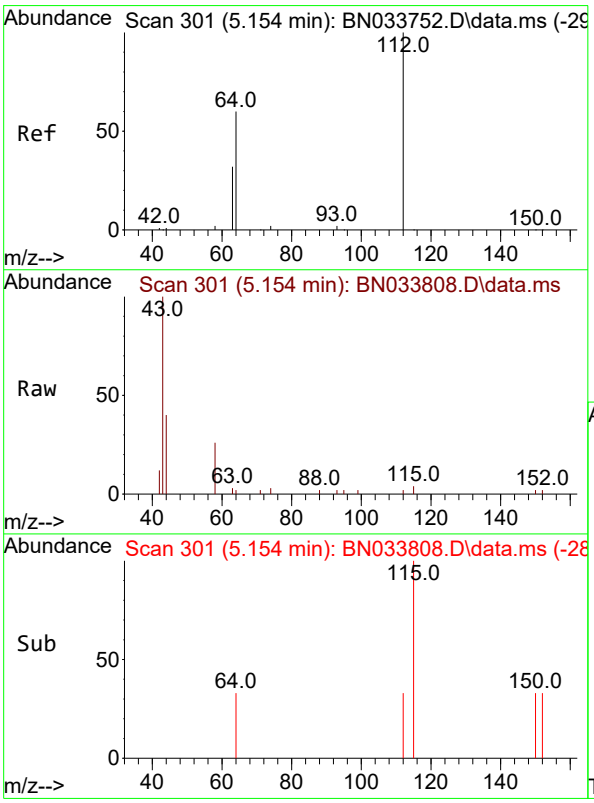
#3
n-Nitrosodimethylamine
Concen: 0.447 ng
RT: 3.450 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion: 42 Resp: 2831

Ion	Ratio	Lower	Upper
42	100		
74	103.4	93.5	140.3
44	6.6	7.4	11.0#

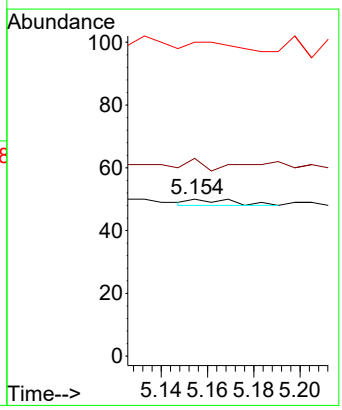


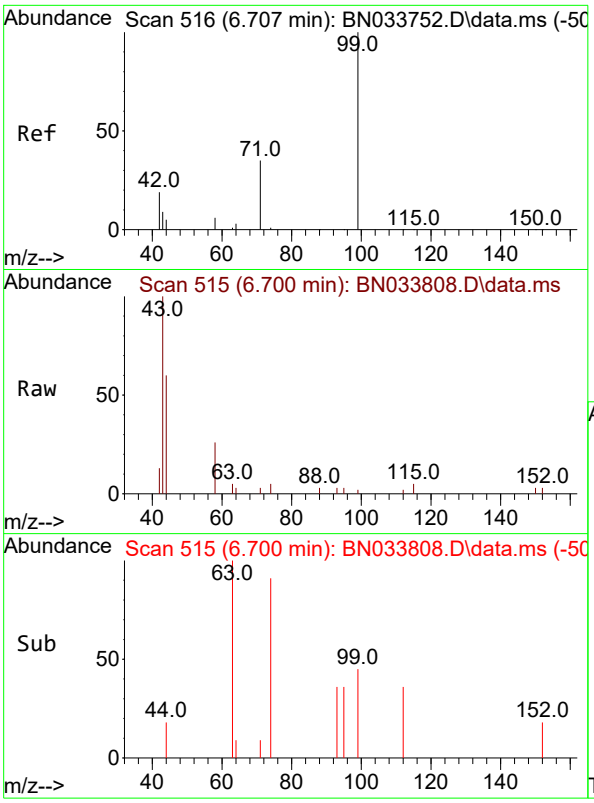


#4
2-Fluorophenol
Concen: 0.000 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:112 Resp: 3

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.6	71.4#
63	0.0	25.9	38.9#



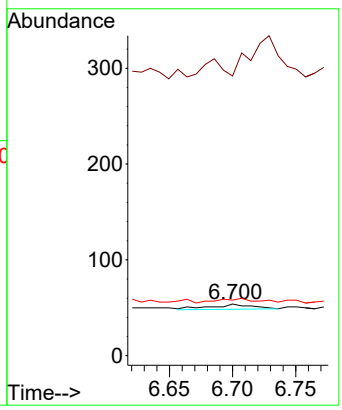


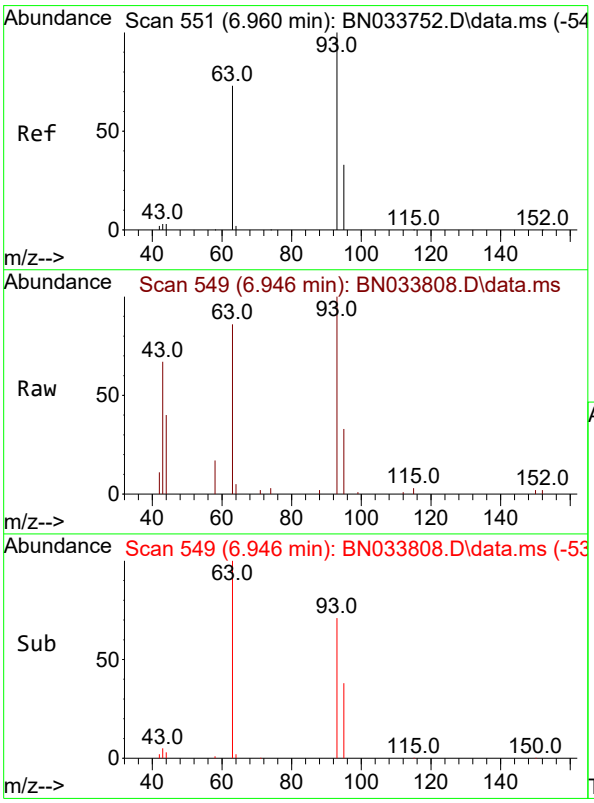
#5
Phenol-d6
Concen: 0.001 ng
RT: 6.700 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion: 99 Resp: 12

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.0	27.0#
71	75.0	28.7	43.1#

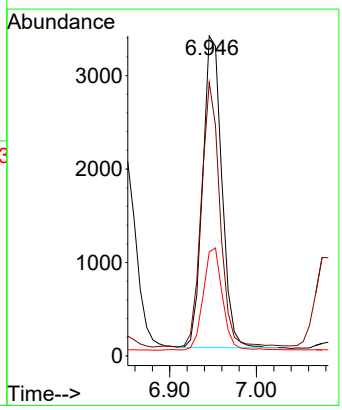


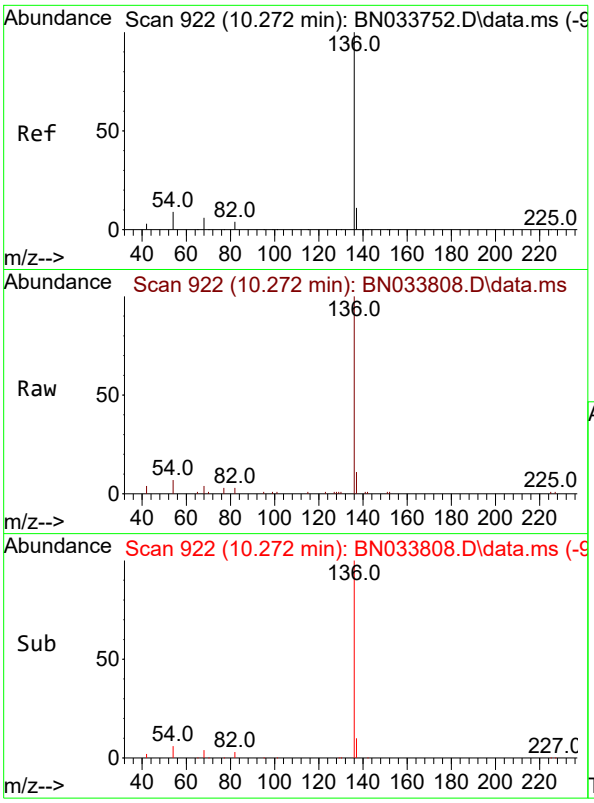


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 6.946 min Scan# 549
Delta R.T. -0.015 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion: 93 Resp: 5113

Ion	Ratio	Lower	Upper
93	100		
63	82.7	64.4	96.6
95	33.3	26.5	39.7



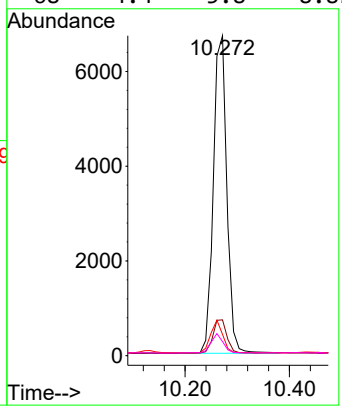


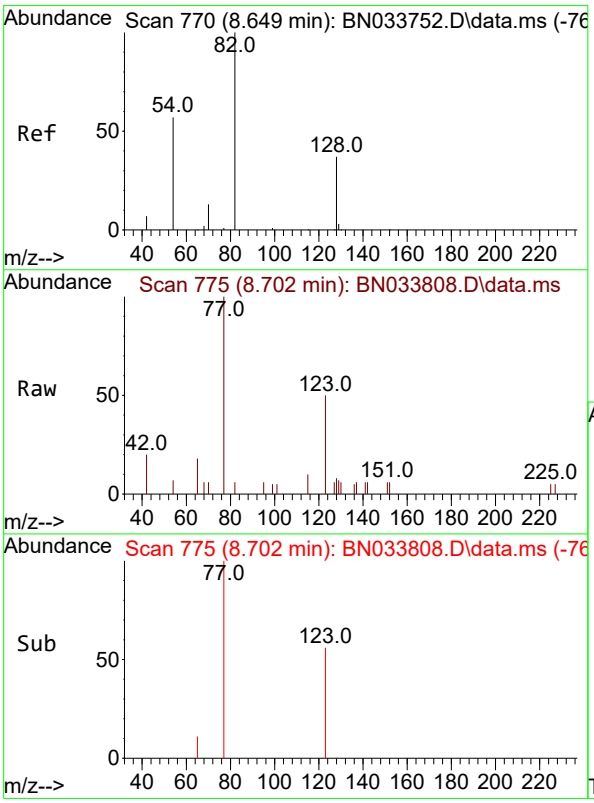
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:136 Resp: 12062

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.7	8.1	12.1#
68	4.4	5.8	8.8#

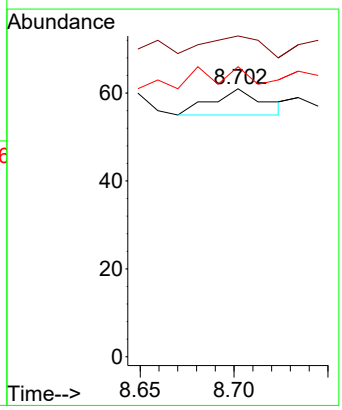


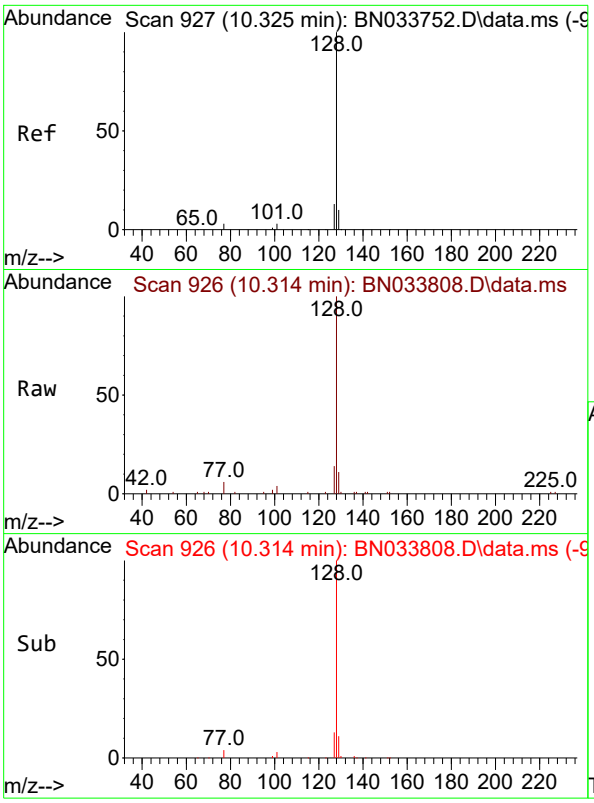


#8
Nitrobenzene-d5
Concen: 0.001 ng
RT: 8.702 min Scan# 775
Delta R.T. 0.053 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion: 82 Resp: 12

Ion	Ratio	Lower	Upper
82	100		
128	119.7	31.3	46.9#
54	108.2	46.9	70.3#



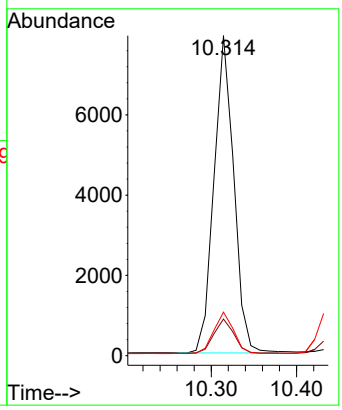


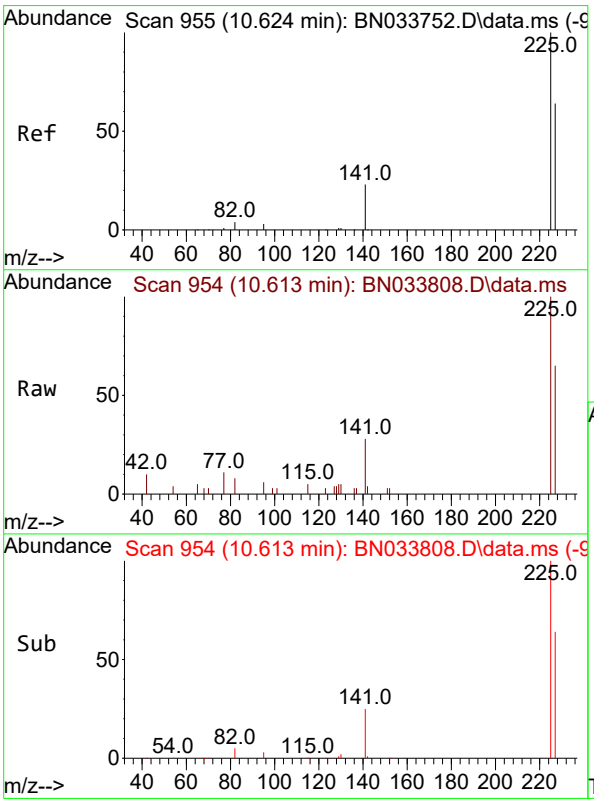
#9
Naphthalene
Concen: 0.395 ng
RT: 10.314 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:128 Resp: 12739

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.6	10.8	16.2

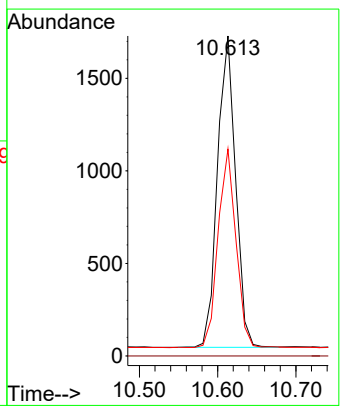


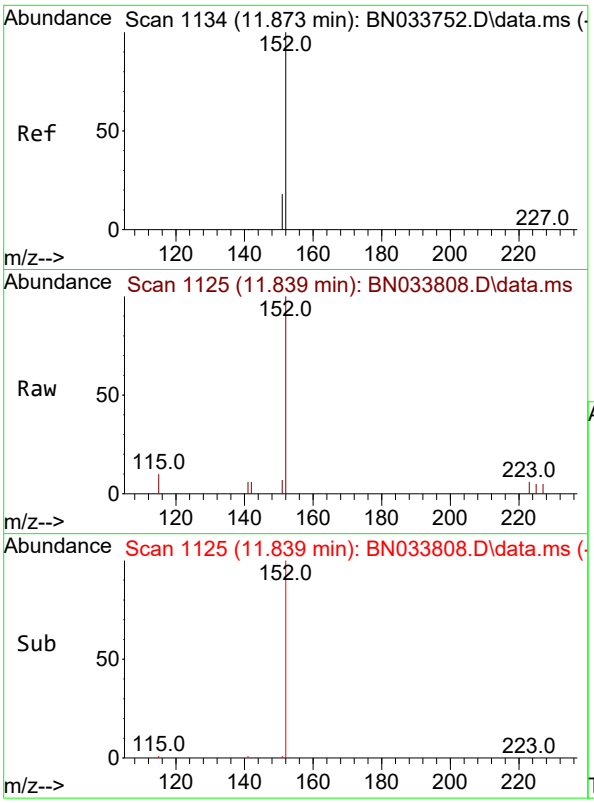


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.613 min Scan# 954
Delta R.T. -0.011 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:225 Resp: 2694

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.2	76.8



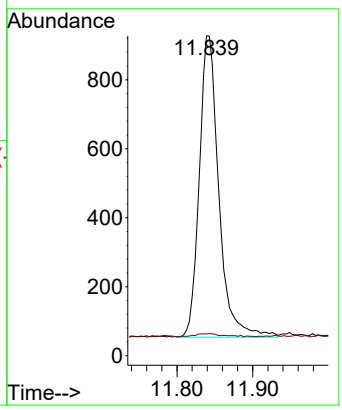


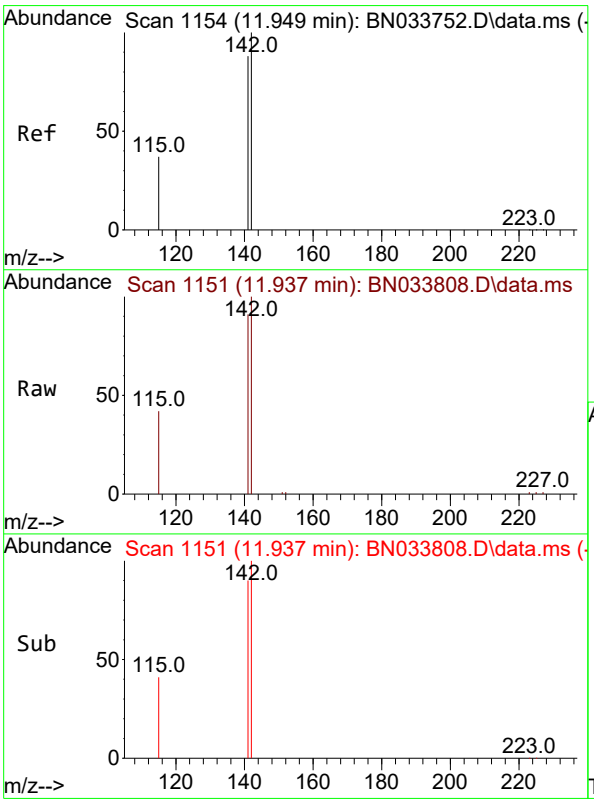
#11
2-Methylnaphthalene-d10
Concen: 0.092 ng
RT: 11.839 min Scan# 11
Delta R.T. -0.034 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:152 Resp: 1569

Ion	Ratio	Lower	Upper
152	100		
151	1.7	16.7	25.1#

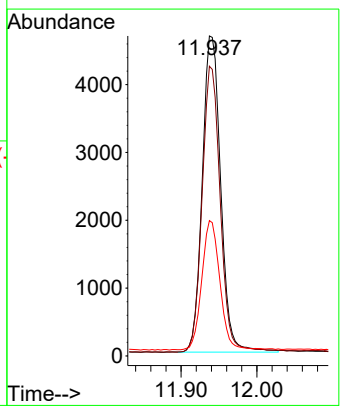


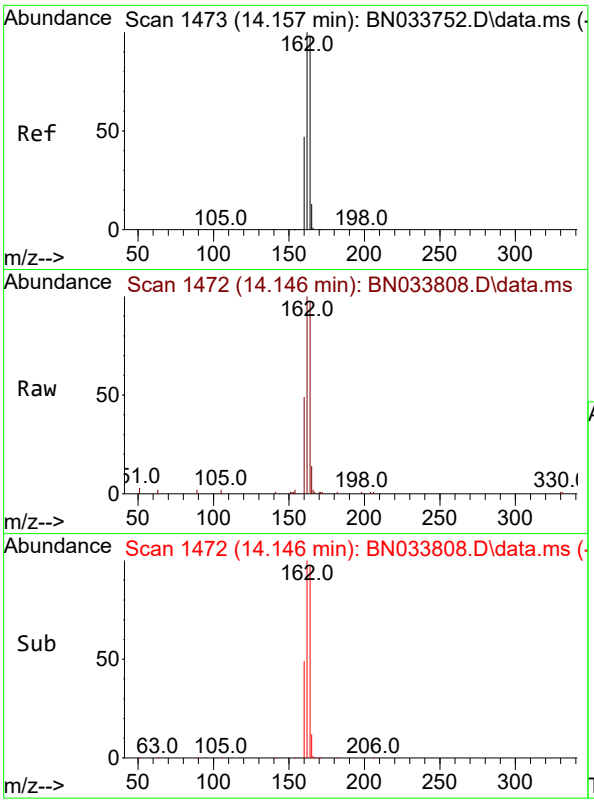


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 11.937 min Scan# 1151
Delta R.T. -0.011 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:142 Resp: 7873

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.9	106.3
115	42.3	31.0	46.4



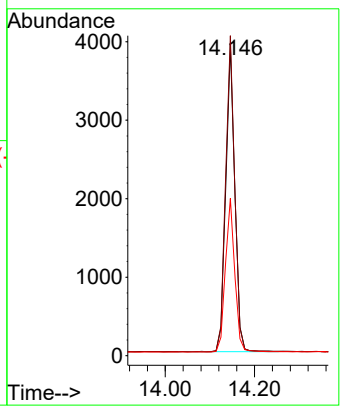


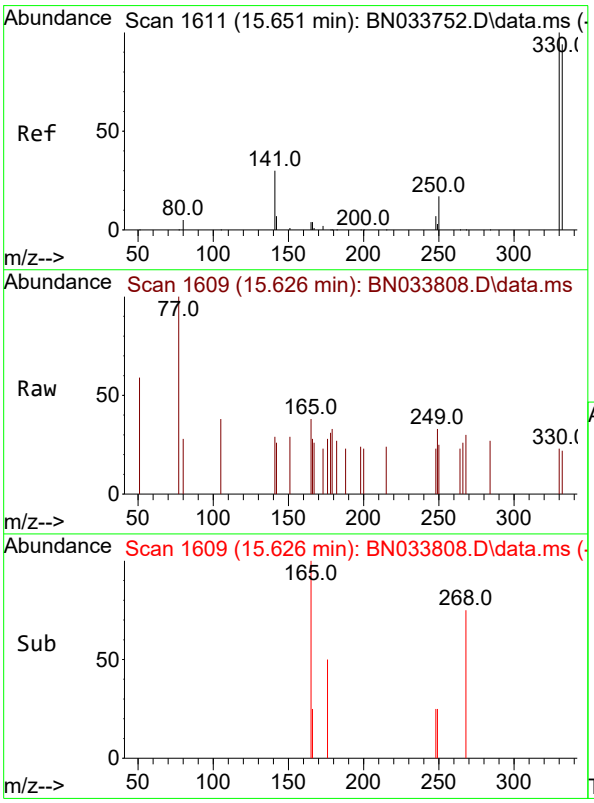
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:164 Resp: 5549

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.0	123.0
160	50.7	39.1	58.7

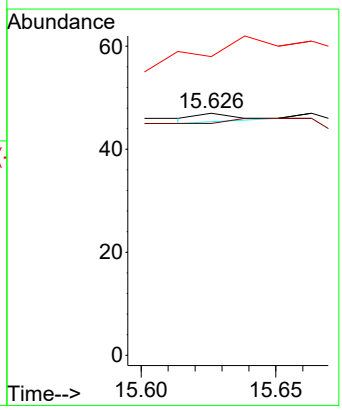


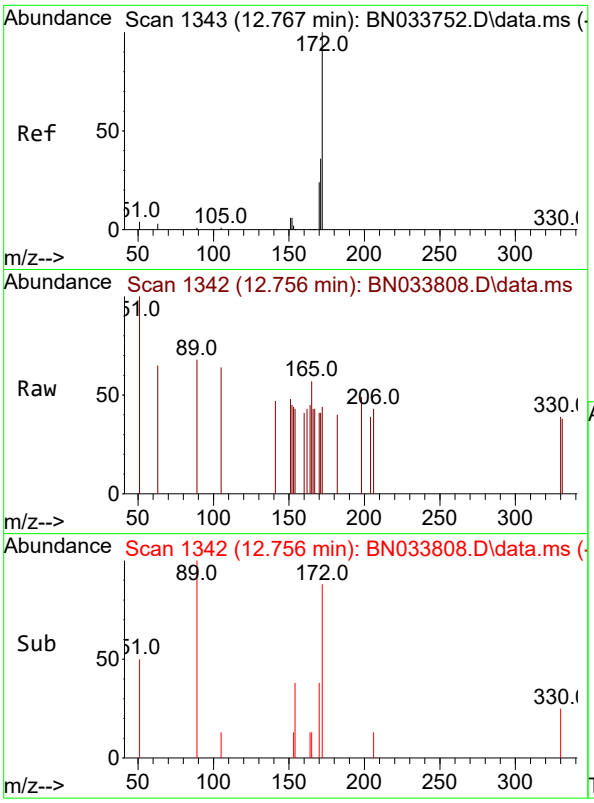


#14
2,4,6-Tribromophenol
Concen: 0.001 ng
RT: 15.626 min Scan# 1609
Delta R.T. -0.025 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:330 Resp: 2

Ion	Ratio	Lower	Upper
330	100		
332	200.0	74.2	111.4#
141	1850.0	33.9	50.9#



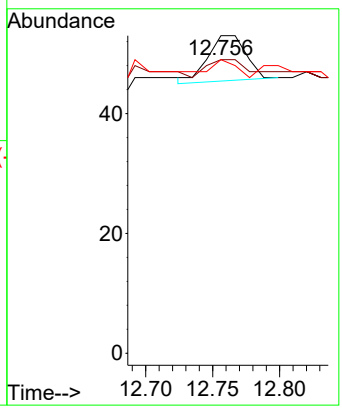


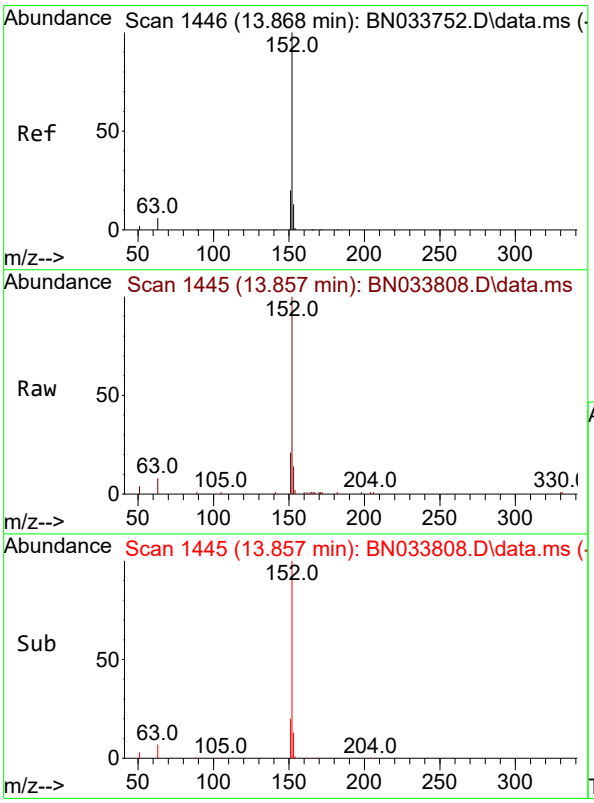
#15
2-Fluorobiphenyl
Concen: 0.001 ng
RT: 12.756 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:172 Resp: 15

Ion	Ratio	Lower	Upper
172	100		
171	92.5	28.8	43.2#
170	92.5	19.7	29.5#

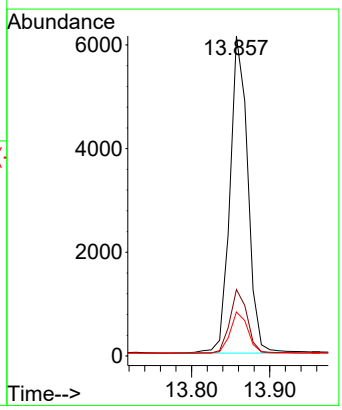


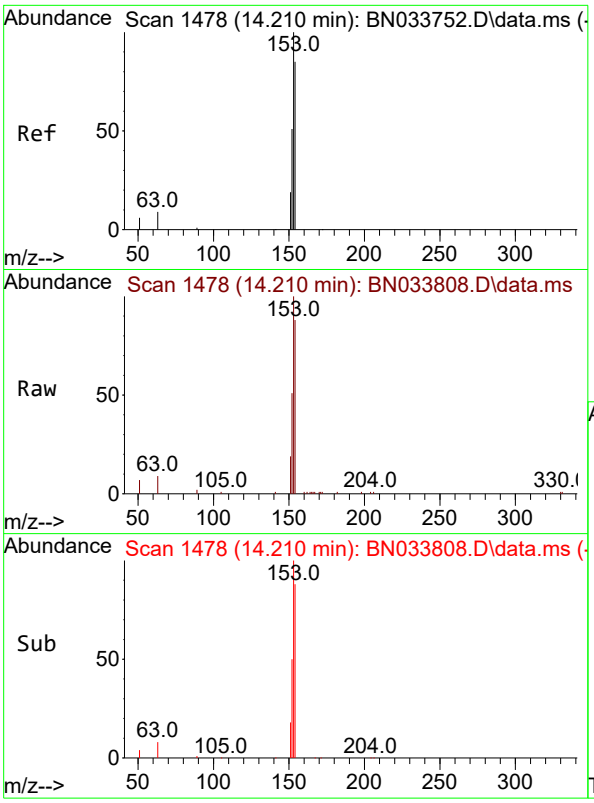


#16
Acenaphthylene
Concen: 0.404 ng
RT: 13.857 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:152 Resp: 9697

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.1	10.3	15.5



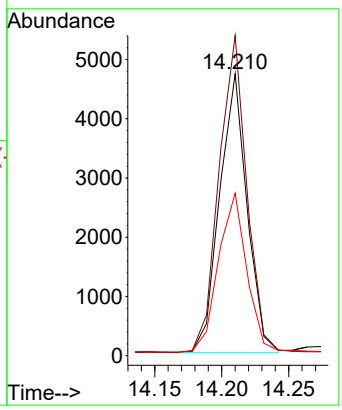


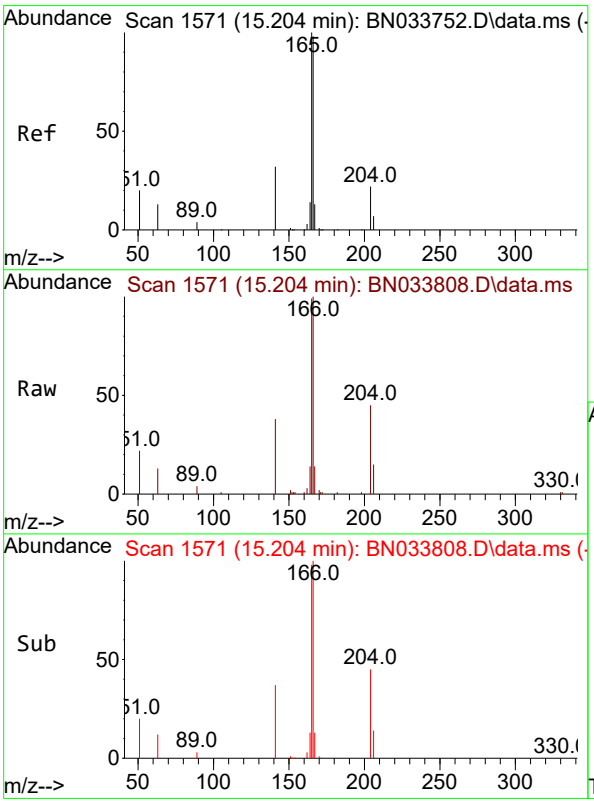
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.210 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:154 Resp: 6707

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.4	137.2
152	58.8	45.8	68.6

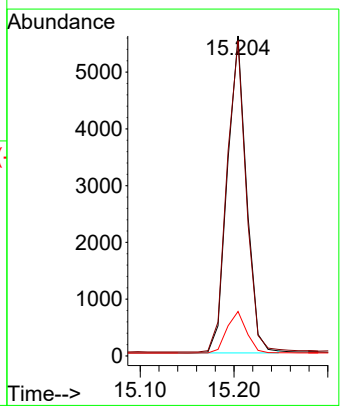


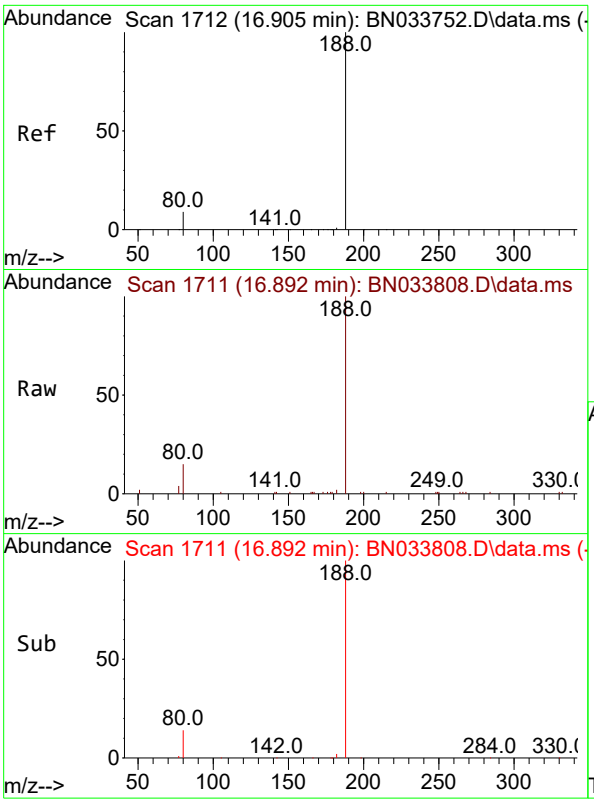


#18
Fluorene
Concen: 0.390 ng
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:166 Resp: 7907

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.5	10.6	16.0



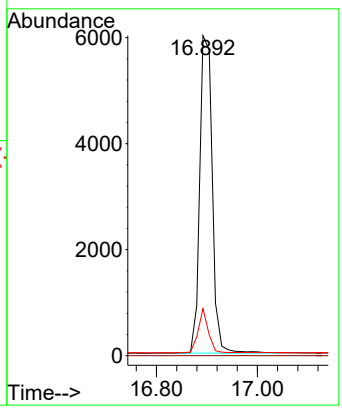


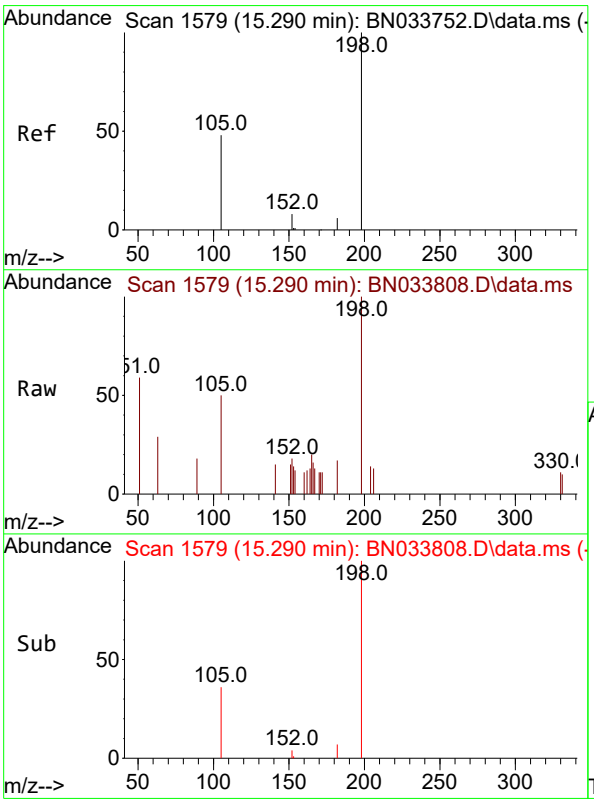
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.892 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:188 Resp: 10386

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	7.9	11.9#

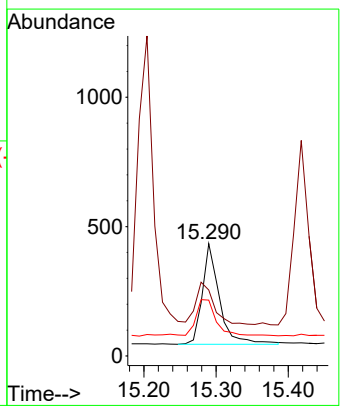


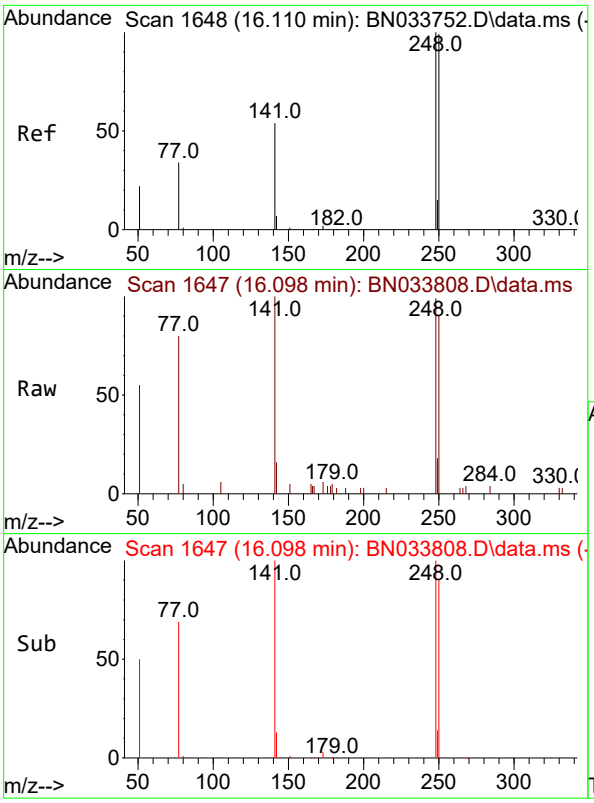


#20
4,6-Dinitro-2-methylphenol
Concen: 0.393 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:198 Resp: 645

Ion	Ratio	Lower	Upper
198	100		
51	58.8	92.8	139.2#
105	49.8	59.4	89.0#



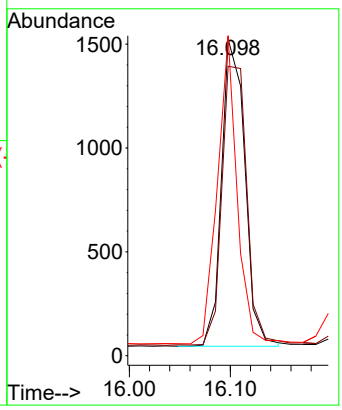


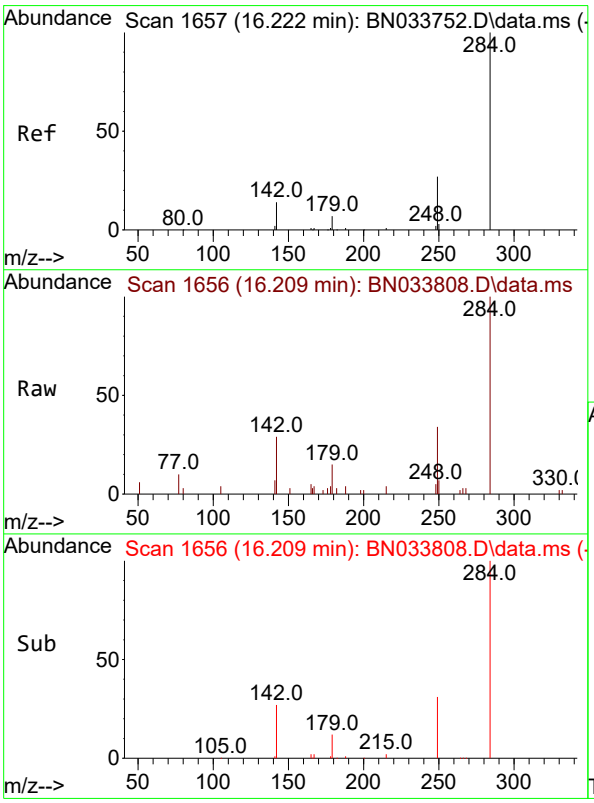
#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:248 Resp: 2367

Ion	Ratio	Lower	Upper
248	100		
250	91.4	79.5	119.3
141	101.0	44.9	67.3#

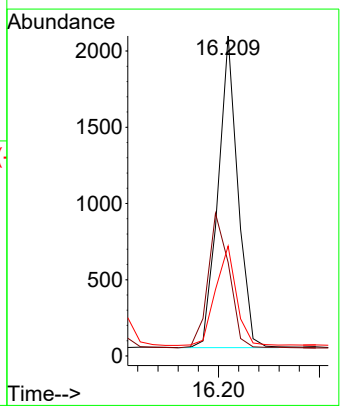


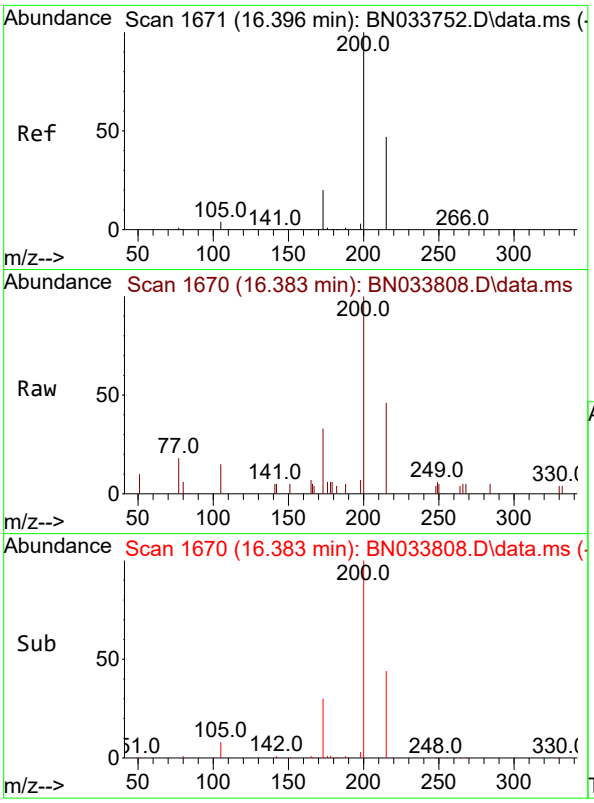


#22
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.209 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:284 Resp: 2776

Ion	Ratio	Lower	Upper
284	100		
142	45.9	32.8	49.2
249	33.6	26.2	39.2



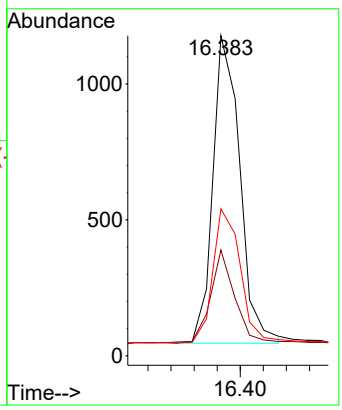


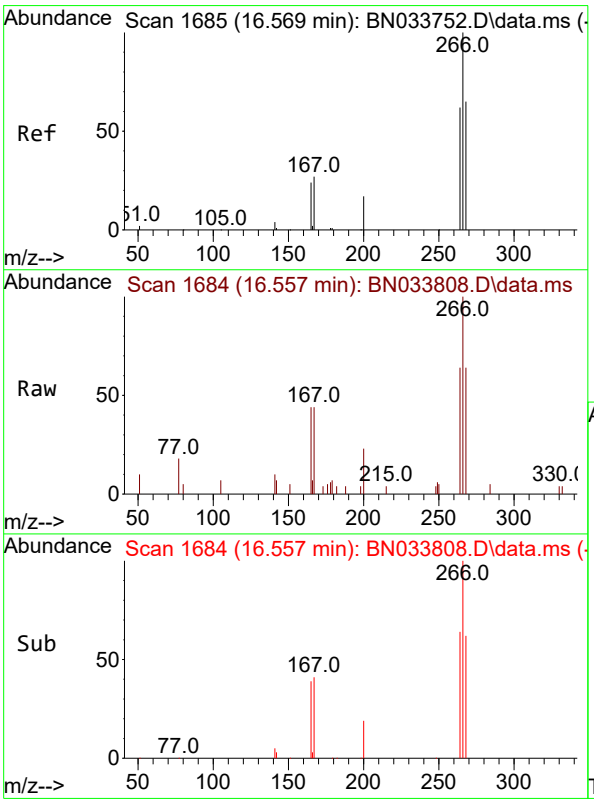
#23
Atrazine
Concen: 0.383 ng
RT: 16.383 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:200 Resp: 1840

Ion	Ratio	Lower	Upper
200	100		
173	33.0	18.2	27.4#
215	45.9	39.0	58.4

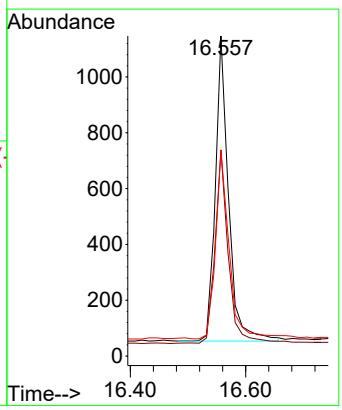


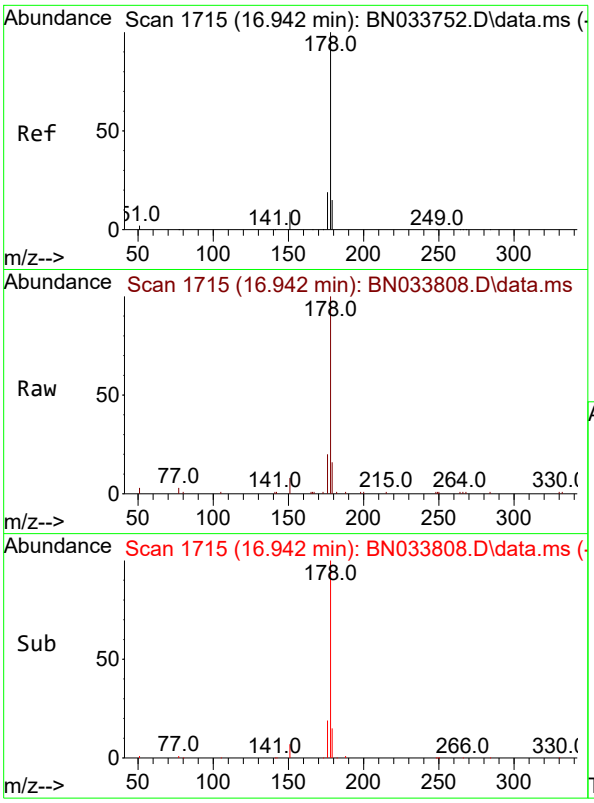


#24
Pentachlorophenol
Concen: 0.617 ng
RT: 16.557 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:266 Resp: 1741

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.6	74.4
268	63.8	52.2	78.4



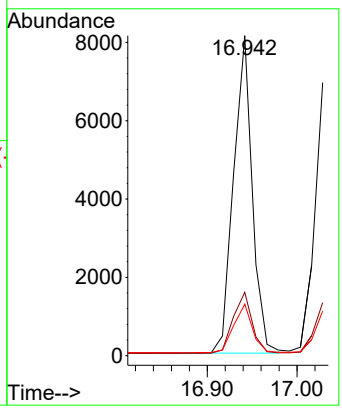


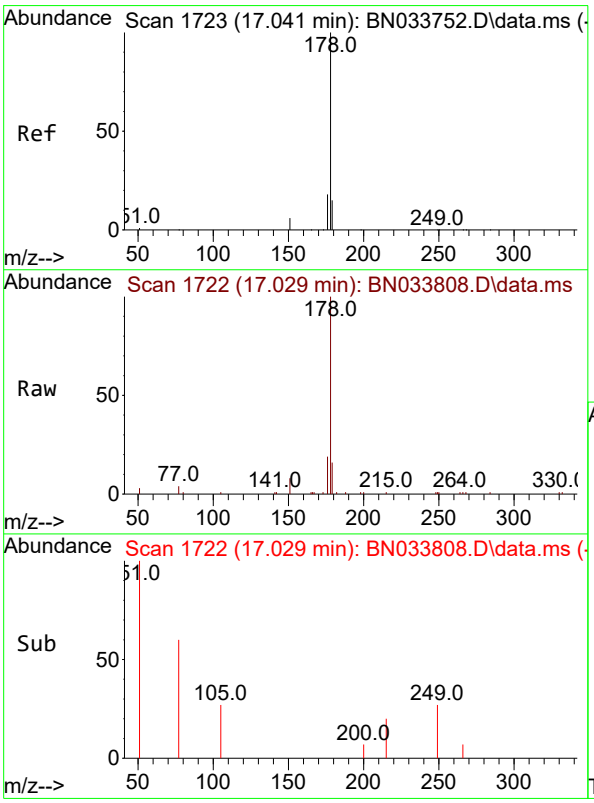
#25
Phenanthrene
Concen: 0.408 ng
RT: 16.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:178 Resp: 11684

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.6	12.2	18.4

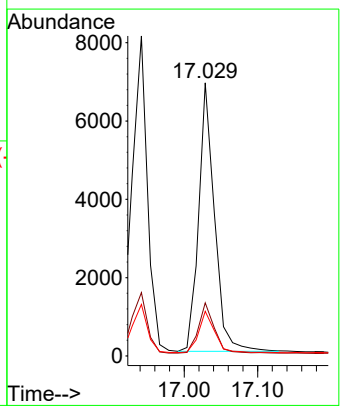


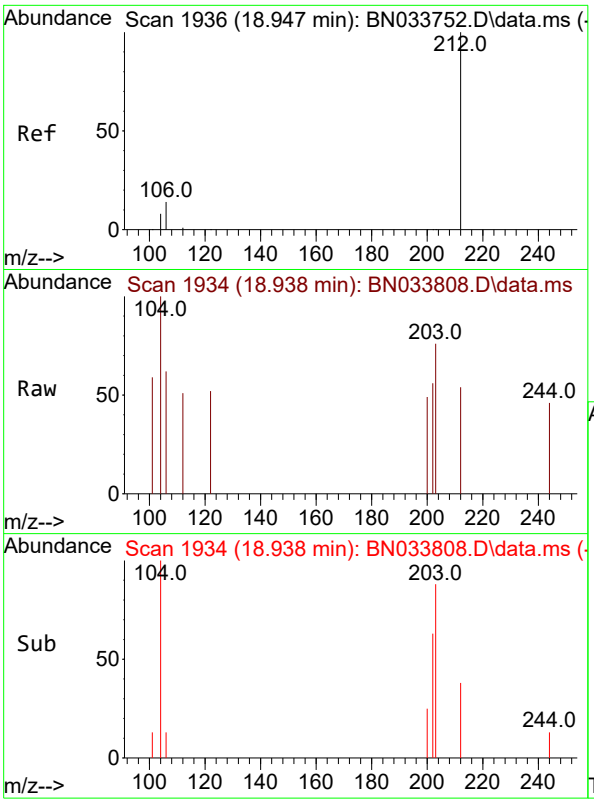


#26
Anthracene
Concen: 0.414 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:178 Resp: 10290

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.4	18.6



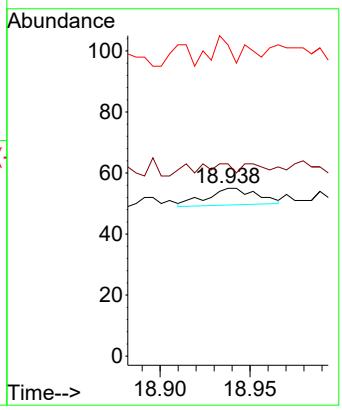


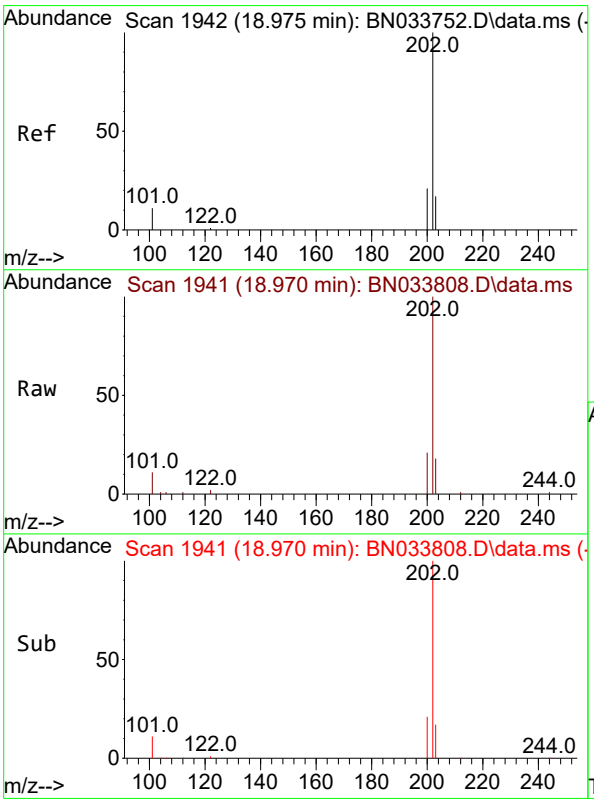
#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 18.938 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:212 Resp: 11

Ion	Ratio	Lower	Upper
212	100		
106	27.3	11.5	17.3#
104	63.6	6.6	9.8#

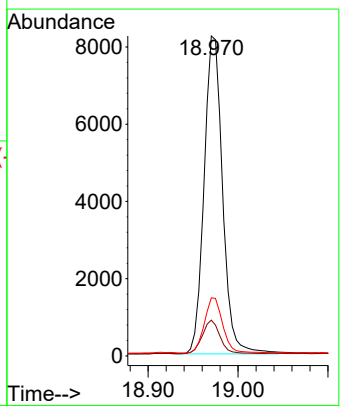


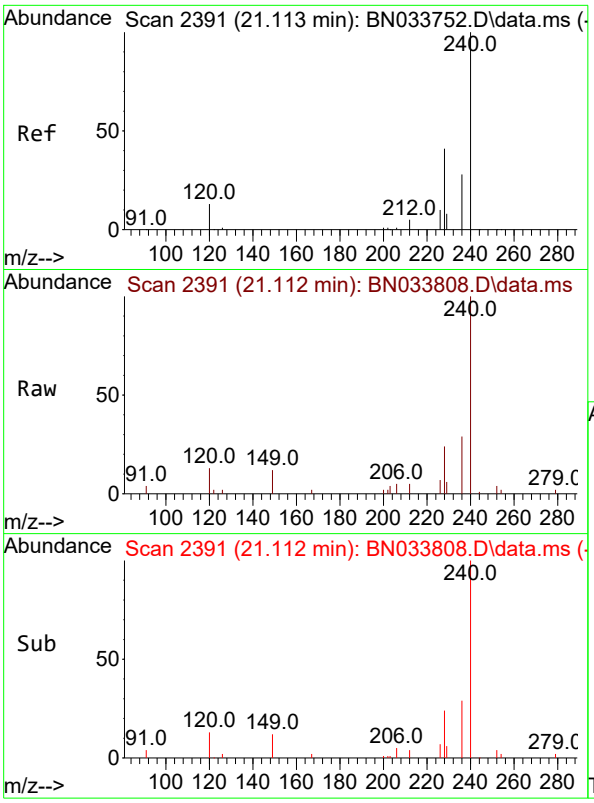


#28
Fluoranthene
Concen: 0.368 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:202 Resp: 11790

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.2	13.8
203	17.2	13.8	20.6



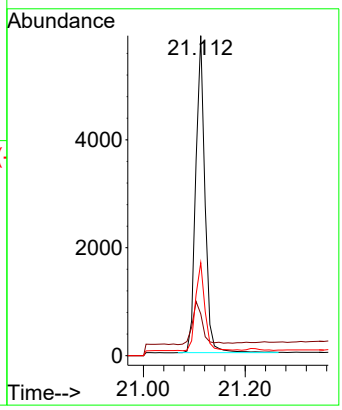


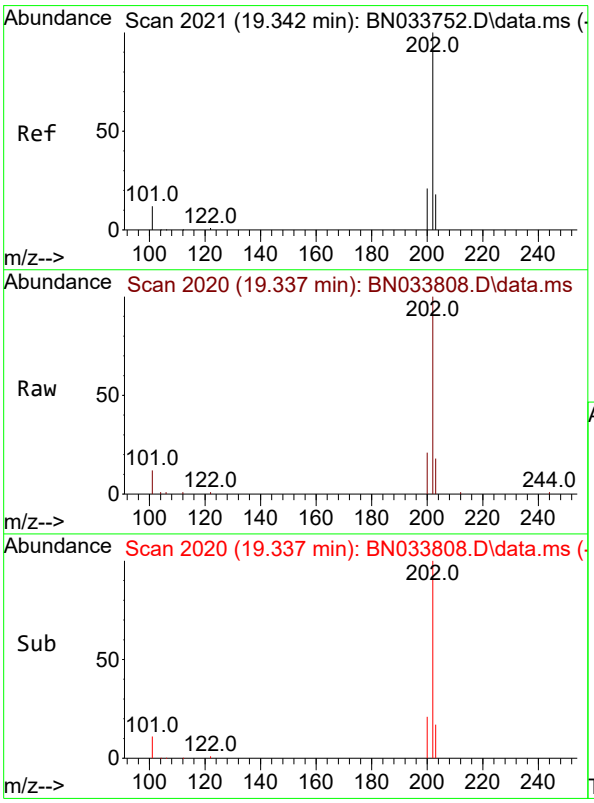
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:240 Resp: 7402

Ion	Ratio	Lower	Upper
240	100		
120	13.1	13.7	20.5#
236	29.1	23.4	35.2

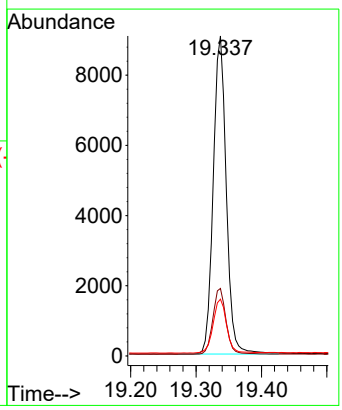


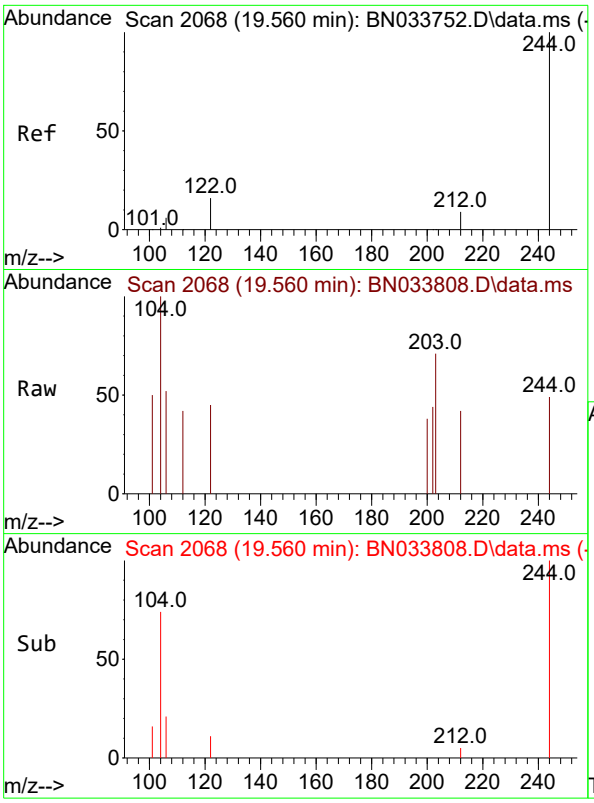


#30
Pyrene
Concen: 0.420 ng
RT: 19.337 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:202 Resp: 12525

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.6	14.4	21.6



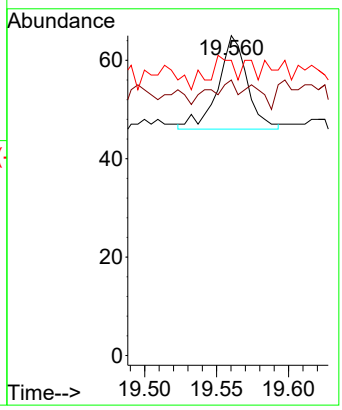


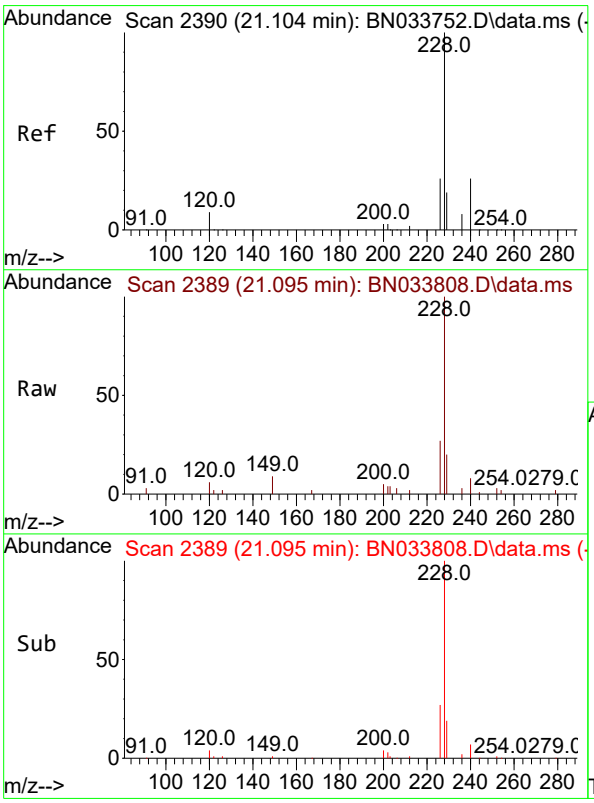
#31
Terphenyl-d14
Concen: 0.002 ng
RT: 19.560 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:244 Resp: 27

Ion	Ratio	Lower	Upper
244	100		
212	86.2	7.9	11.9#
122	92.3	13.2	19.8#

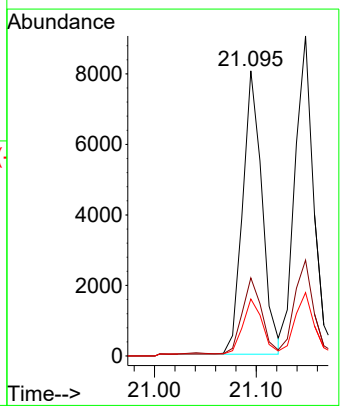


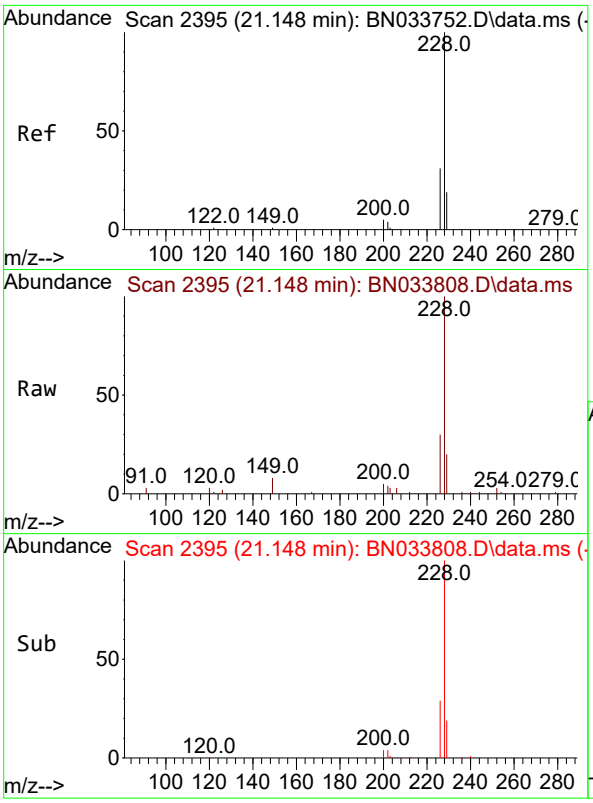


#32
Benzo(a)anthracene
Concen: 0.401 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:228 Resp: 10607

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.2	31.8
229	20.0	15.9	23.9



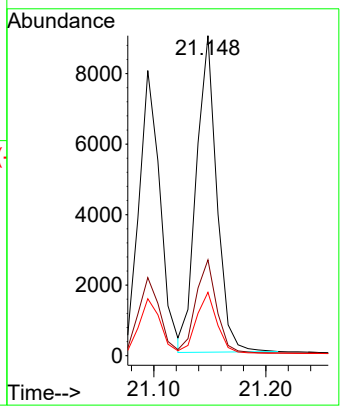


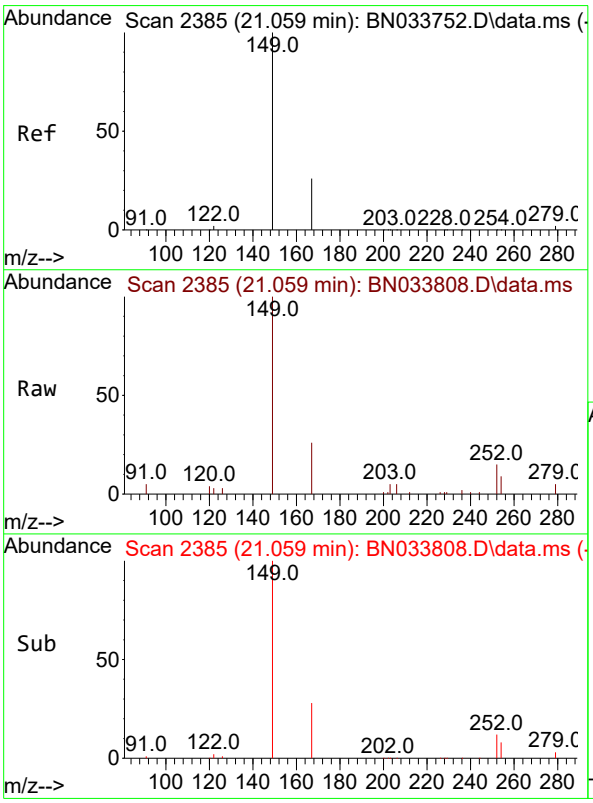
#33
Chrysene
Concen: 0.436 ng
RT: 21.148 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:228 Resp: 11390

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.8	15.6	23.4

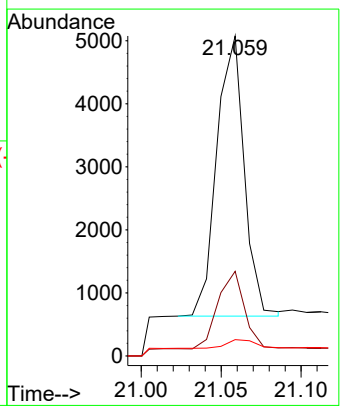


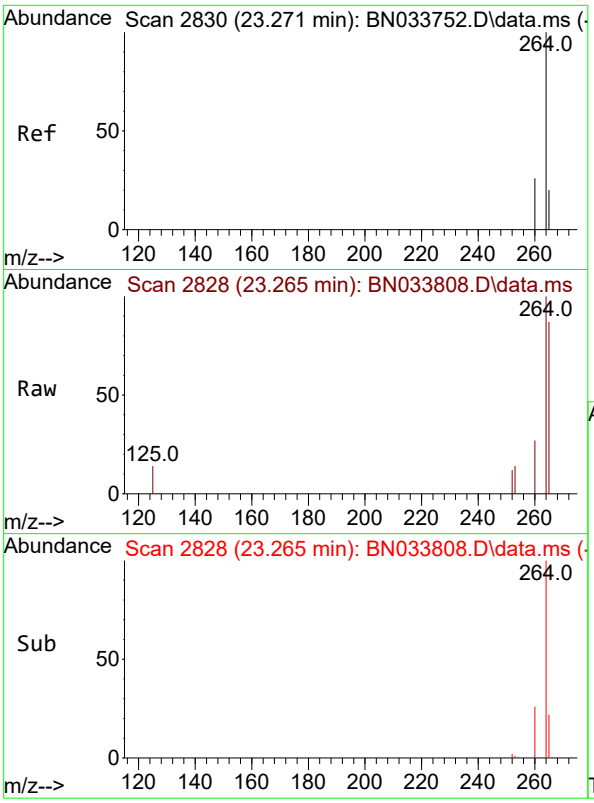


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.059 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:149 Resp: 5295

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.4	2.4	3.6



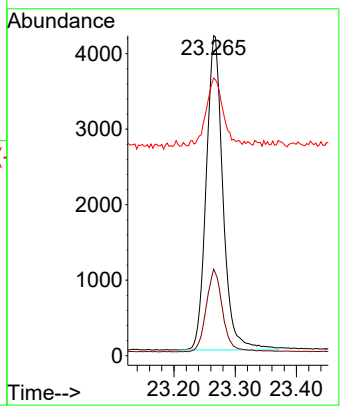


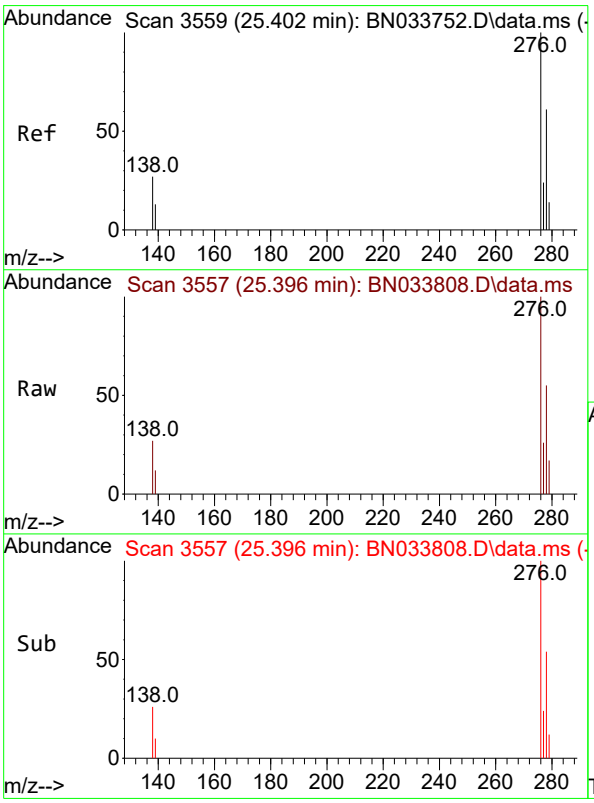
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.265 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:264 Resp: 7890

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.1	31.7
265	86.8	72.0	108.0

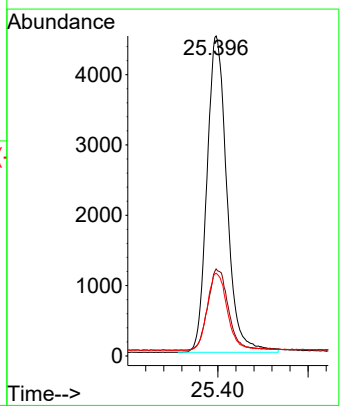


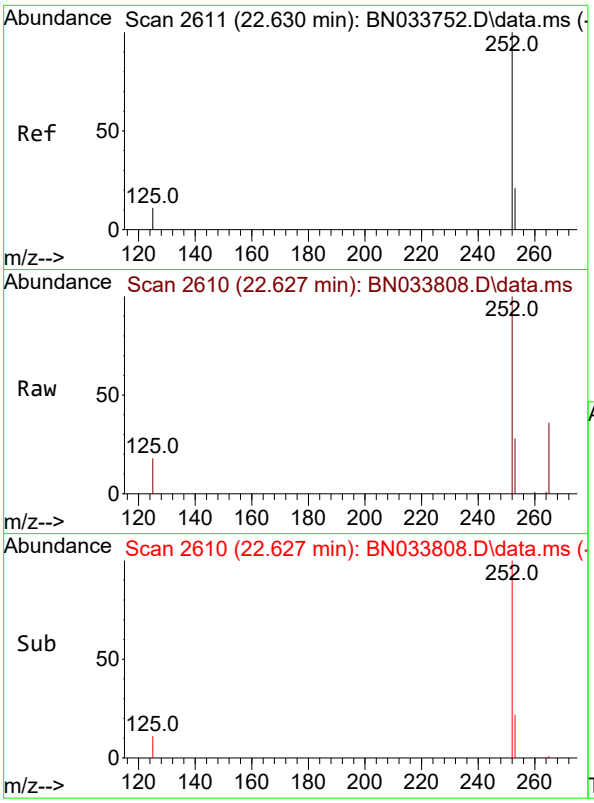


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng
RT: 25.396 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:276 Resp: 13771

Ion	Ratio	Lower	Upper
276	100		
138	26.5	23.0	34.6
277	24.8	20.2	30.4



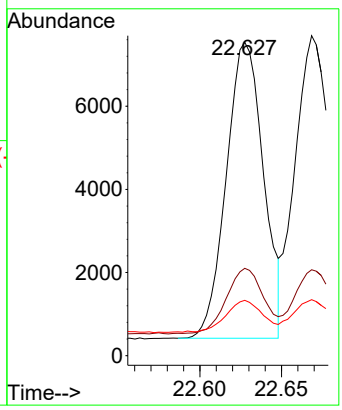


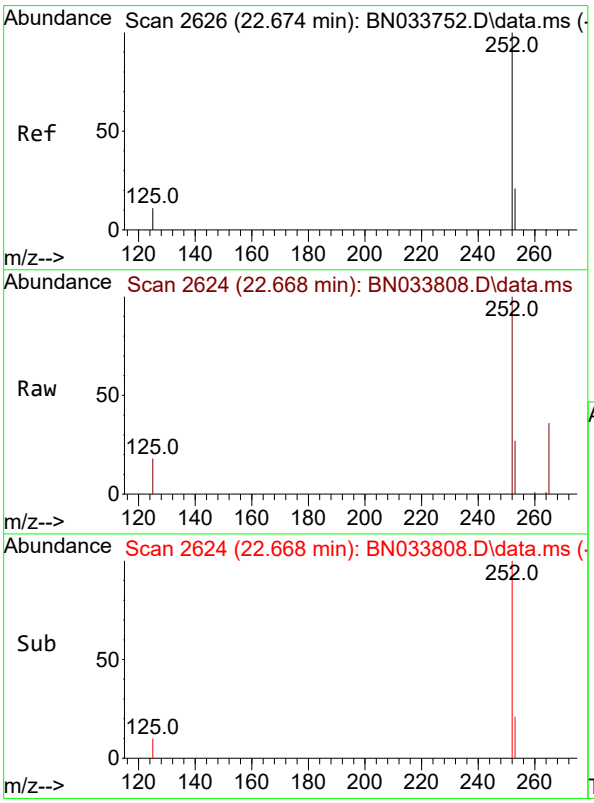
#37
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 22.627 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:252 Resp: 11286

Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.8	32.6
125	17.7	15.4	23.0

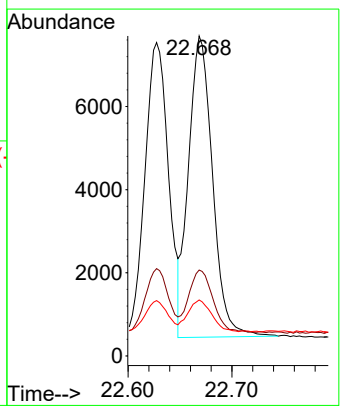


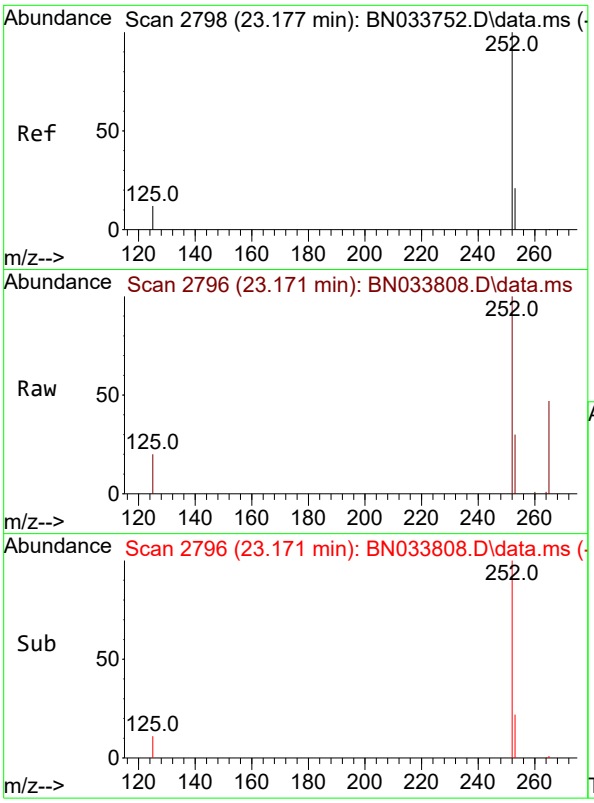


#38
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 22.668 min Scan# 2624
Delta R.T. -0.006 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:252 Resp: 11668

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.8	32.8
125	17.5	15.4	23.2



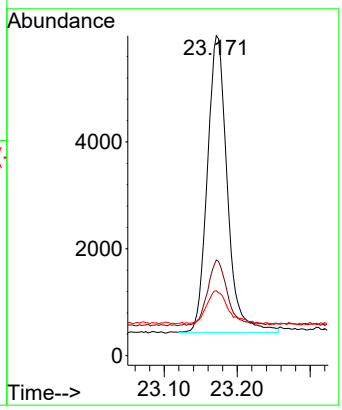


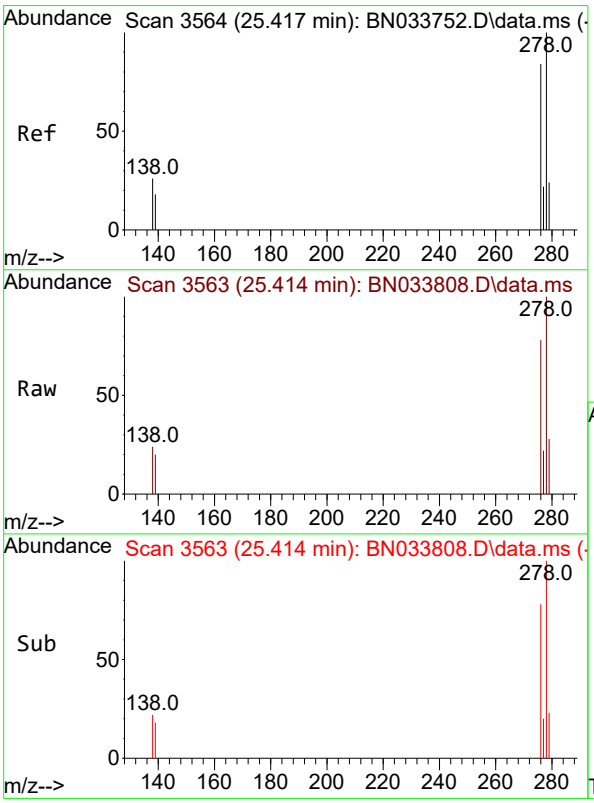
#39
Benzo(a)pyrene
Concen: 0.434 ng
RT: 23.171 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:252 Resp: 10518

Ion	Ratio	Lower	Upper
252	100		
253	29.9	24.0	36.0
125	20.3	19.1	28.7

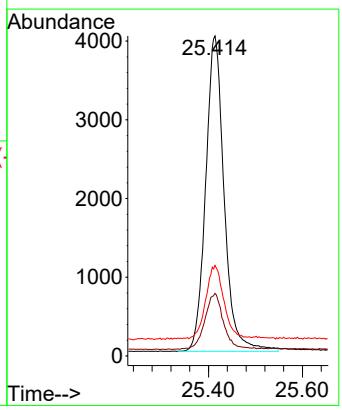


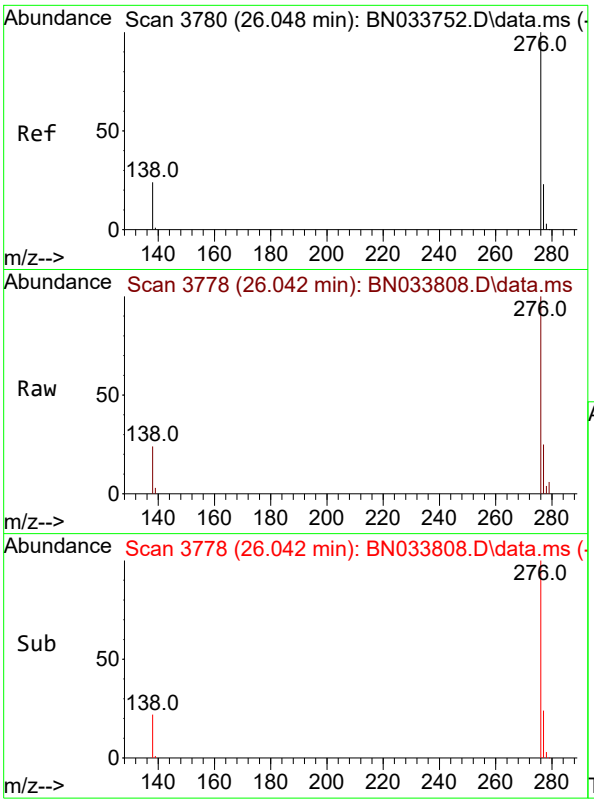


#40
Dibenzo(a,h)anthracene
Concen: 0.419 ng
RT: 25.414 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Tgt Ion:278 Resp: 10962

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.7	25.1
279	28.3	23.4	35.0





#41
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 26.042 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN033808.D
Acq: 07 Sep 2024 07:19

Instrument :
BNA_N
ClientSampleId :
SP6616

Tgt Ion:276 Resp: 11019

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	24.2	20.9	31.3