Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
Data File : BN033468.D
Acq On : 17 Aug 2024 15:09
Operator : MA/JU
Sample : PB162723BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Quant Time: Aug 17 23:30:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152	10825	0.400	ng		-0.01
7) Naphthalene-d8	10.325	136	28743	0.400	ng		#-0.01
13) Acenaphthene-d10	14.188	164	13195	0.400	ng		-0.01
19) Phenanthrene-d10	16.941	188	24102	0.400	ng		-0.01
29) Chrysene-d12	21.148	240	17808	0.400	ng		0.00
35) Perylene-d12	23.320	264	18838	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.190	112	9848	0.329	ng		0.00
5) Phenol-d6	6.743	99	12034	0.298	ng		0.00
8) Nitrobenzene-d5	8.691	82	8682	0.400	ng		-0.01
11) 2-Methylnaphthalene-d10	11.918	152	14255	0.322	ng		-0.01
14) 2,4,6-Tribromophenol	15.688	330	1706	0.252	ng		-0.01
15) 2-Fluorobiphenyl	12.809	172	20763	0.384	ng		-0.01
27) Fluoranthene-d10	18.984	212	20051	0.311	ng		0.00
31) Terphenyl-d14	19.597	244	13012	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	4465	0.371	ng		95
3) n-Nitrosodimethylamine	3.478	42	5414	0.349	ng	#	94
6) bis(2-Chloroethyl)ether	6.996	93	11793	0.361	ng		99
9) Naphthalene	10.367	128	29392	0.371	ng		99
10) Hexachlorobutadiene	10.666	225	5845	0.386	ng	#	100
12) 2-Methylnaphthalene	11.990	142	17695	0.331	ng		99
16) Acenaphthylene	13.910	152	20377	0.331	ng		100
17) Acenaphthene	14.252	154	14496	0.343	ng		98
18) Fluorene	15.247	166	17727	0.318	ng		99
20) 4,6-Dinitro-2-methylph...	15.322	198	779	0.266	ng	#	65
21) 4-Bromophenyl-phenylether	16.147	248	5479	0.380	ng	#	84
22) Hexachlorobenzene	16.259	284	6391	0.395	ng		99
23) Atrazine	16.420	200	3806	0.333	ng	#	88
24) Pentachlorophenol	16.594	266	2038	0.312	ng		98
25) Phenanthrene	16.979	178	25600	0.368	ng		100
26) Anthracene	17.078	178	21239	0.345	ng		100
28) Fluoranthene	19.012	202	27155	0.317	ng		100
30) Pyrene	19.374	202	28248	0.398	ng		100
32) Benzo(a)anthracene	21.130	228	23960	0.360	ng		99
33) Chrysene	21.184	228	24941	0.372	ng		99
34) Bis(2-ethylhexyl)phtha...	21.094	149	12945	0.428	ng		99
36) Indeno(1,2,3-cd)pyrene	25.478	276	30255	0.389	ng		99
37) Benzo(b)fluoranthene	22.674	252	26110	0.368	ng		96
38) Benzo(k)fluoranthene	22.674	252	26110	0.361	ng		96
39) Benzo(a)pyrene	23.224	252	21646	0.362	ng	#	94
40) Dibenzo(a,h)anthracene	25.498	278	24202	0.394	ng		99
41) Benzo(g,h,i)perylene	26.130	276	25968	0.381	ng		100

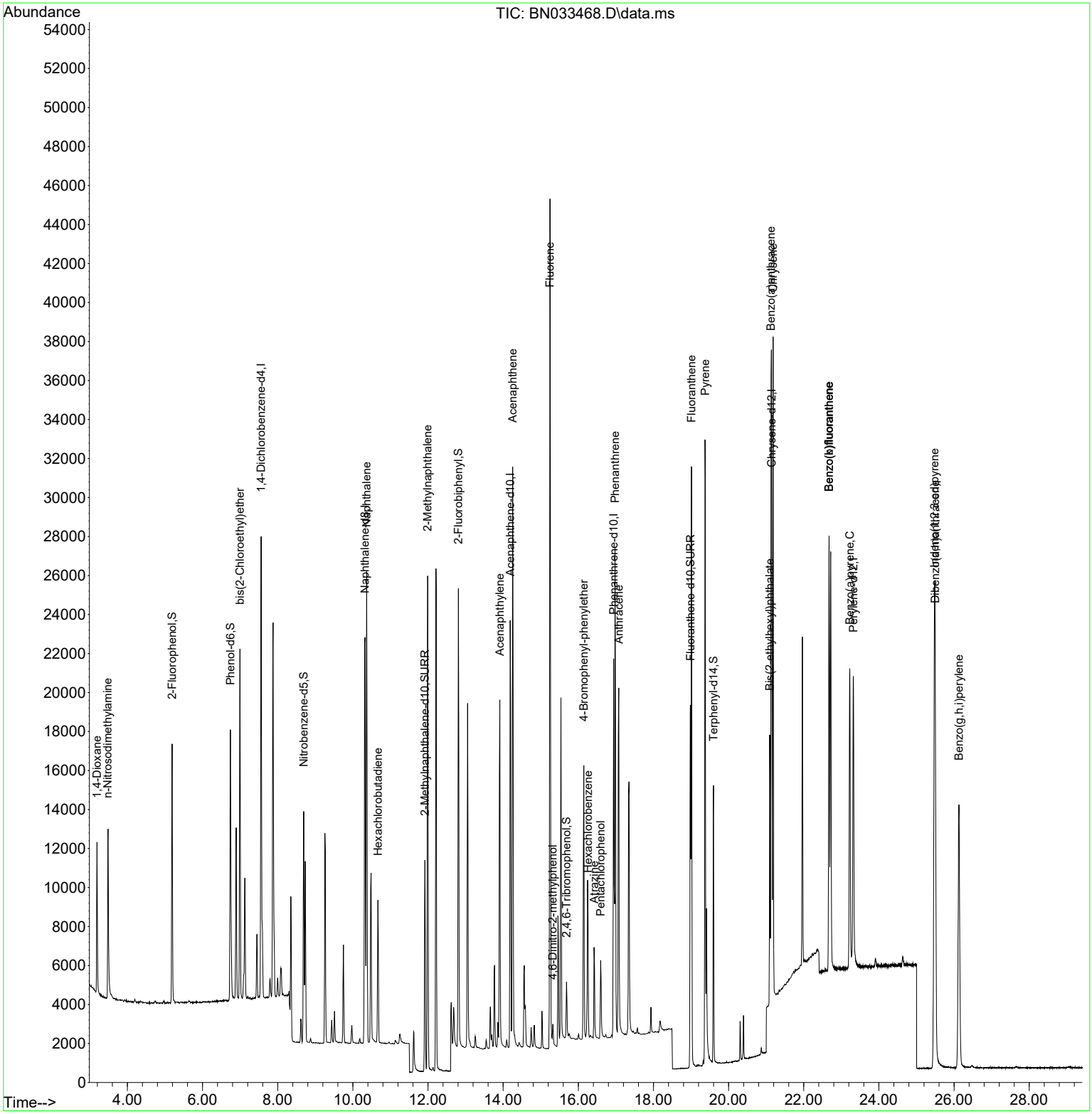
(#) = qualifier out of range (m) = manual integration (+) = signals summed

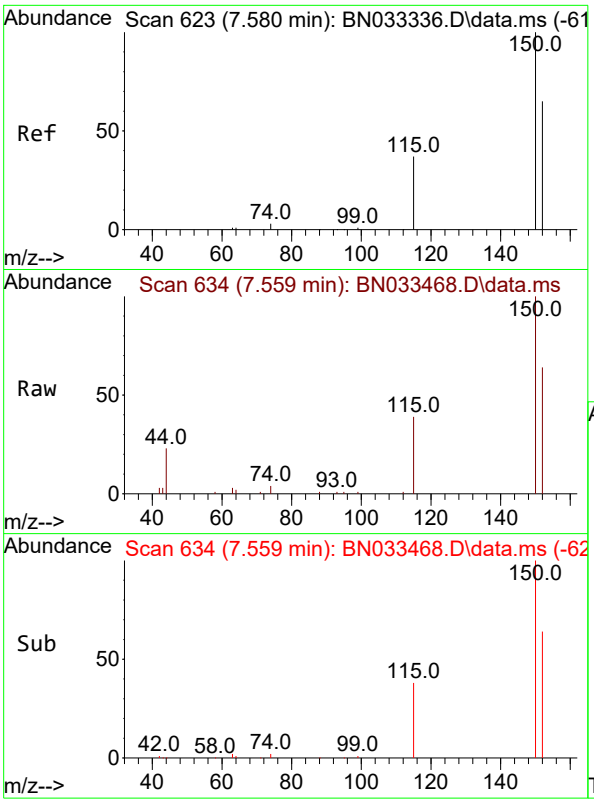
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
Data File : BN033468.D
Acq On : 17 Aug 2024 15:09
Operator : MA/JU
Sample : PB162723BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Quant Time: Aug 17 23:30:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



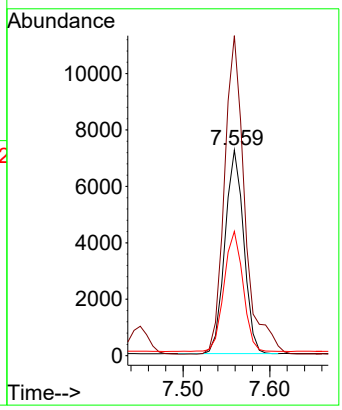


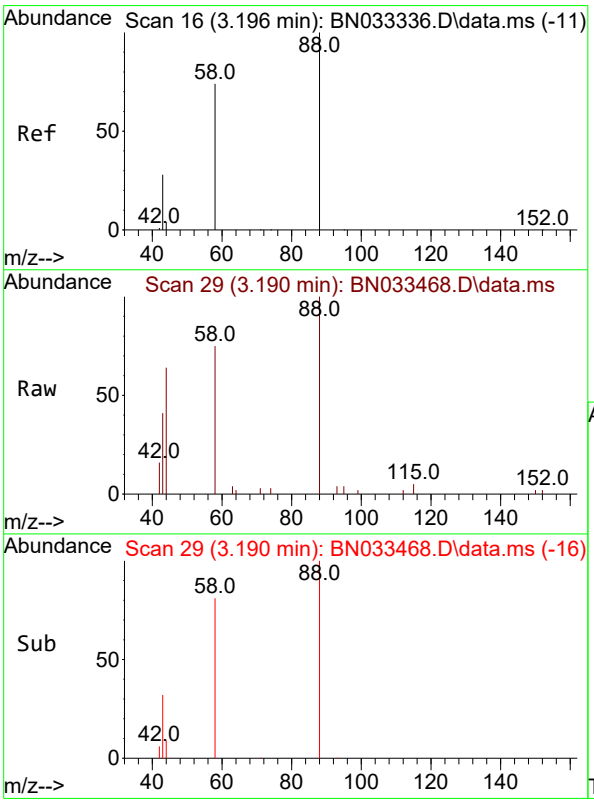
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:152 Resp: 10825

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.3	183.5
115	60.4	48.8	73.2

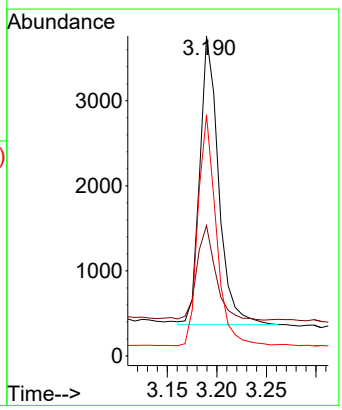


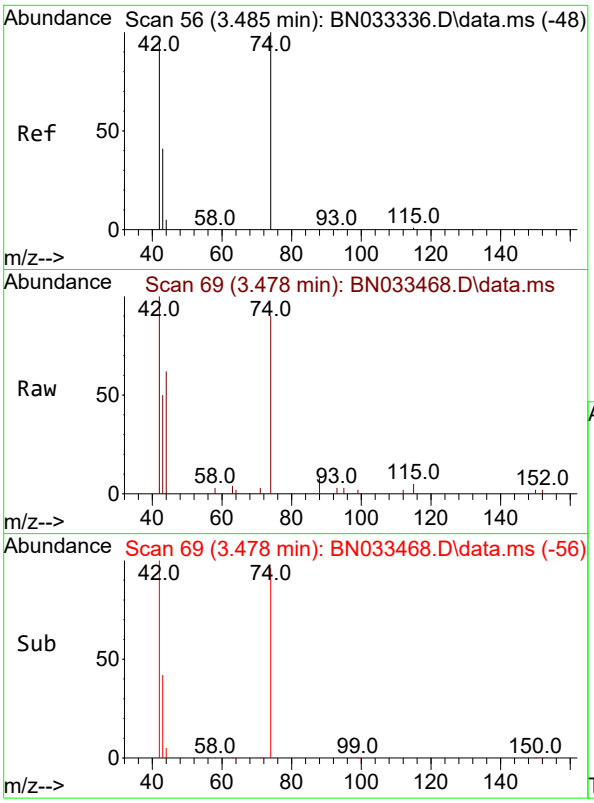


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.008 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion: 88 Resp: 4465

Ion	Ratio	Lower	Upper
88	100		
43	33.1	30.6	46.0
58	77.7	64.5	96.7



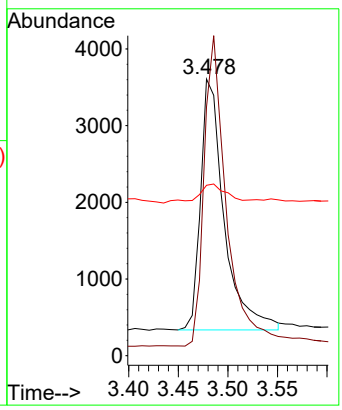


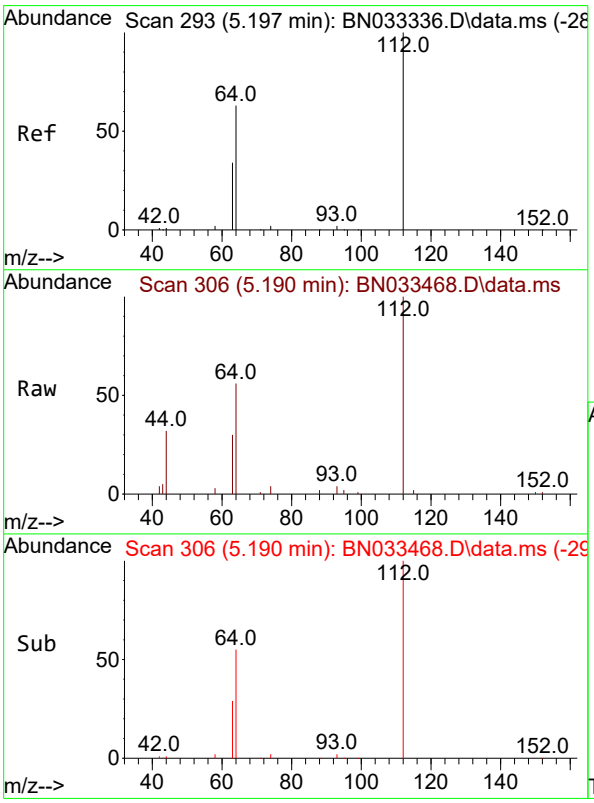
#3
n-Nitrosodimethylamine
Concen: 0.349 ng
RT: 3.478 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion: 42 Resp: 5414

Ion	Ratio	Lower	Upper
42	100		
74	117.2	89.0	133.6
44	9.3	11.0	16.4#

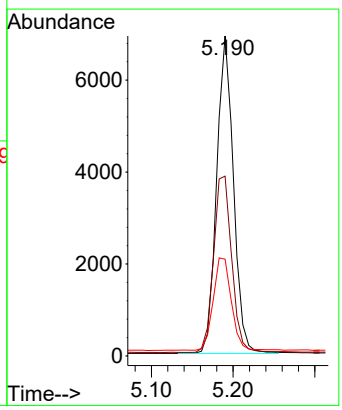


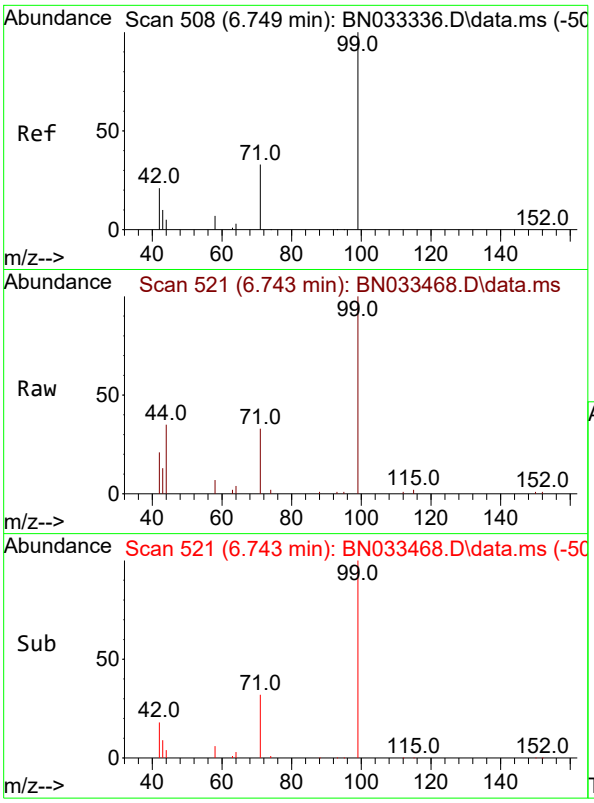


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.190 min Scan# 306
Delta R.T. -0.008 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:112 Resp: 9848

Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.1	72.1
63	31.7	25.4	38.2



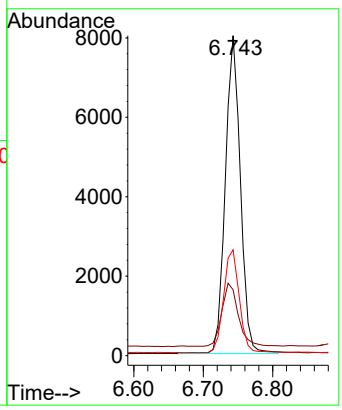


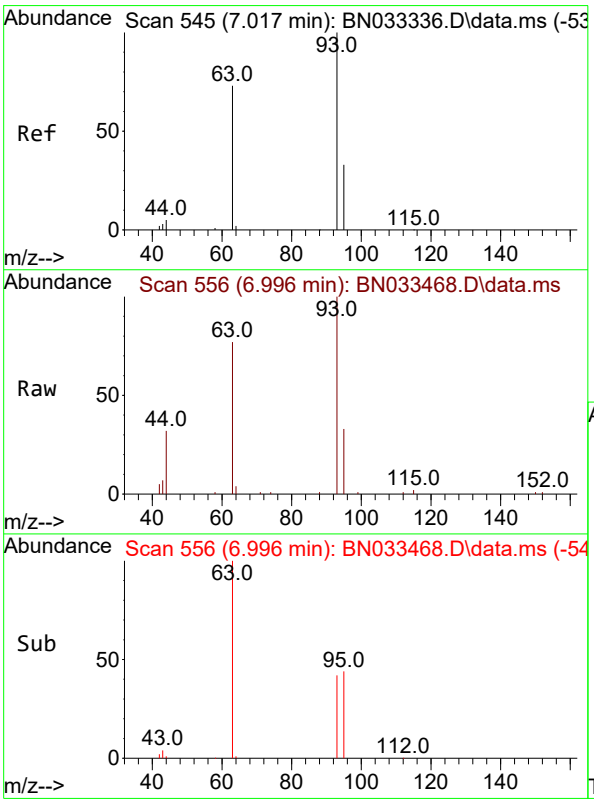
#5
Phenol-d6
Concen: 0.298 ng
RT: 6.743 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion: 99 Resp: 12034

Ion	Ratio	Lower	Upper
99	100		
42	21.7	18.5	27.7
71	33.6	26.2	39.2

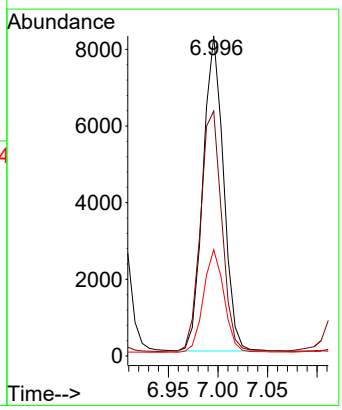


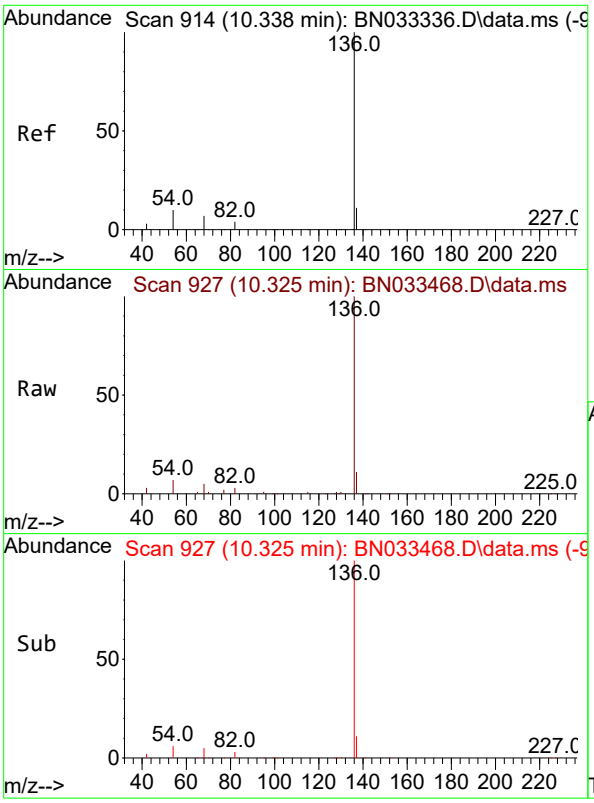


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 6.996 min Scan# 556
Delta R.T. -0.008 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion: 93 Resp: 11793

Ion	Ratio	Lower	Upper
93	100		
63	79.7	65.2	97.8
95	32.8	26.2	39.4



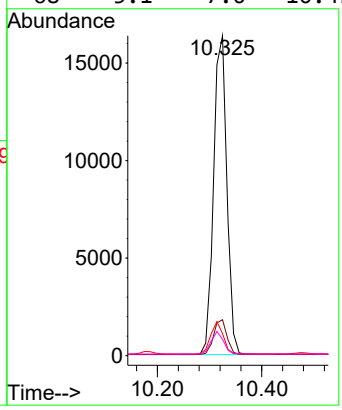


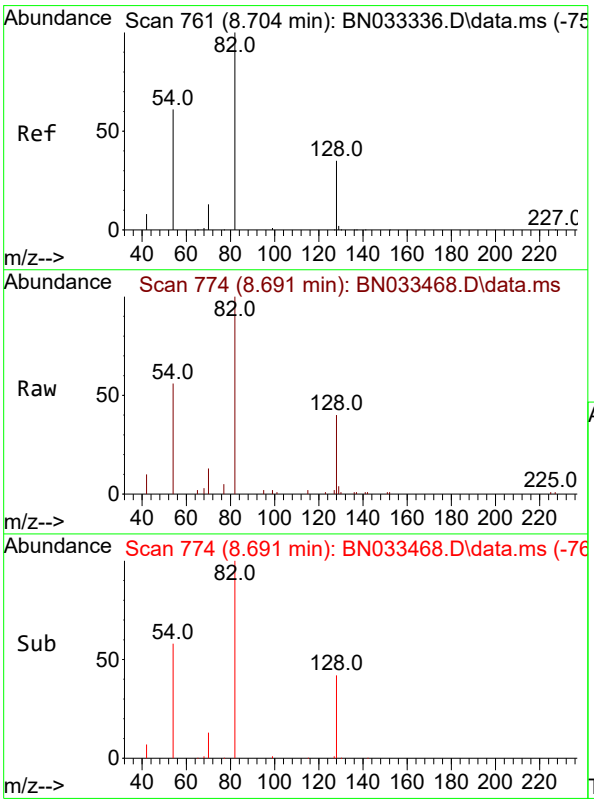
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:136 Resp: 28743

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.9	9.4	14.0#
68	5.1	7.0	10.4#

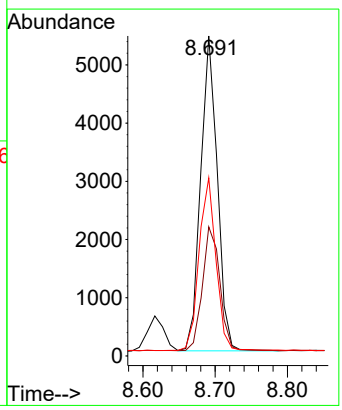


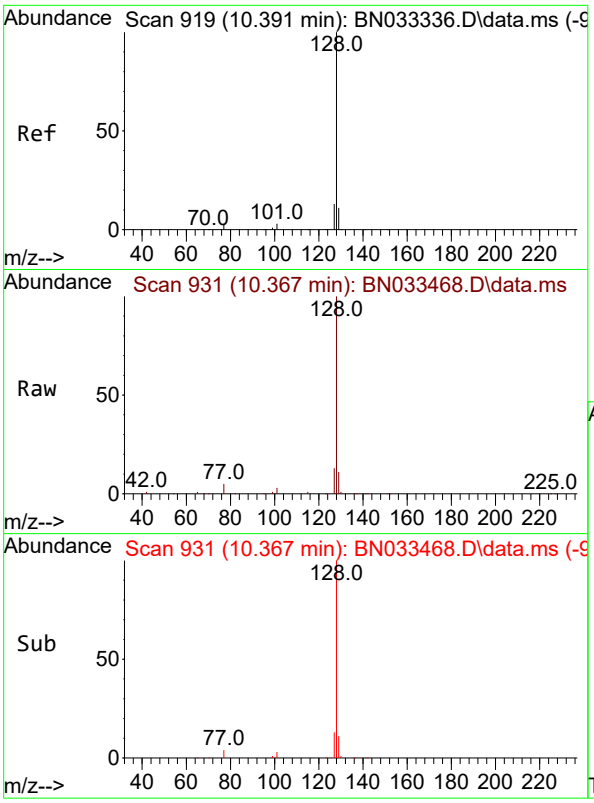


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion: 82 Resp: 8682

Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.0	43.4
54	55.7	50.2	75.4



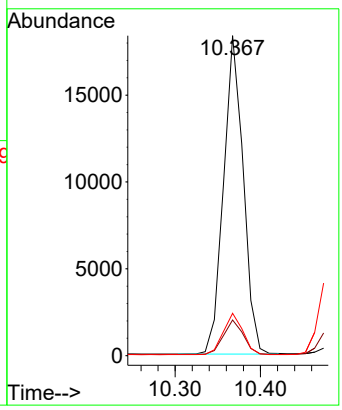


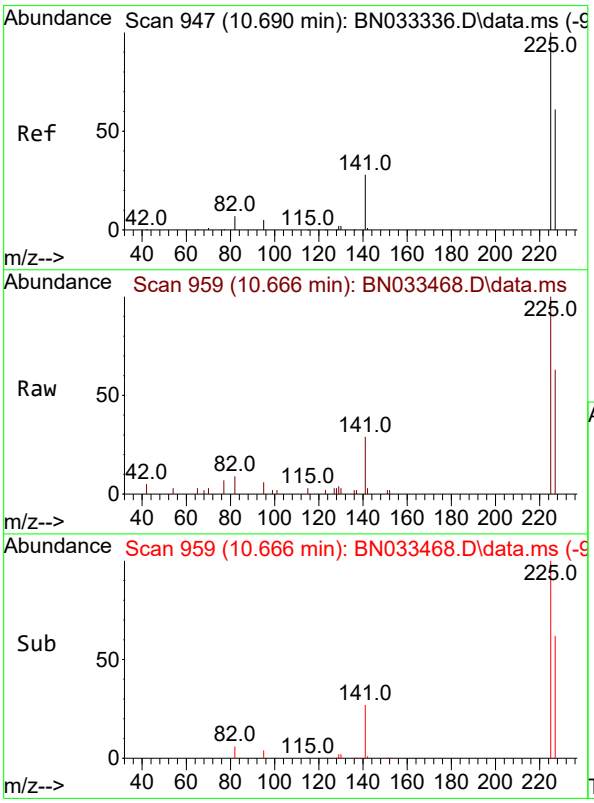
#9
Naphthalene
Concen: 0.371 ng
RT: 10.367 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:128 Resp: 29392

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.3	10.6	15.8

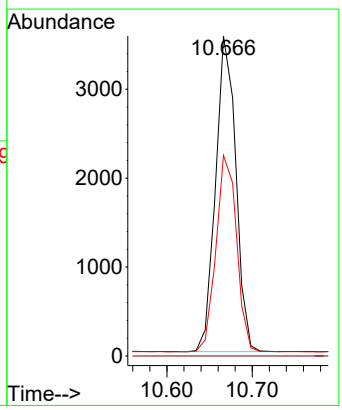


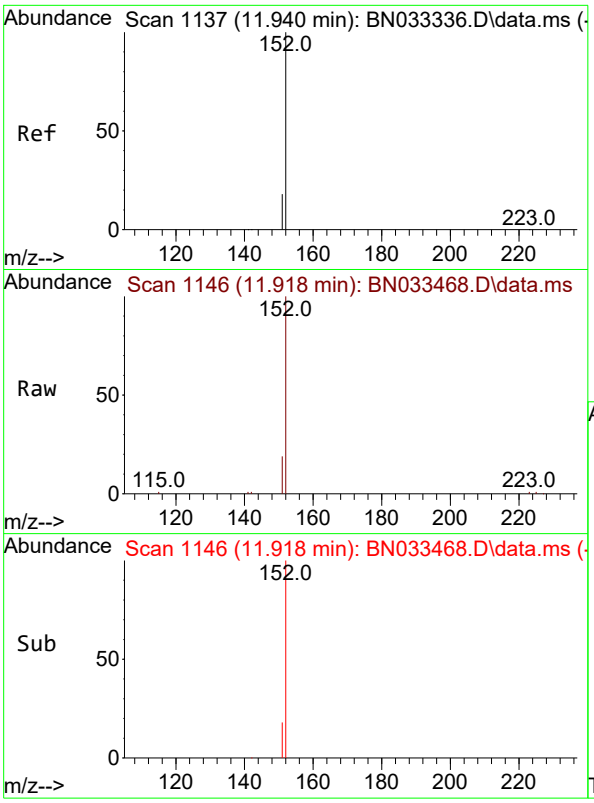


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.666 min Scan# 959
Delta R.T. -0.022 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:225 Resp: 5845

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.8	76.2



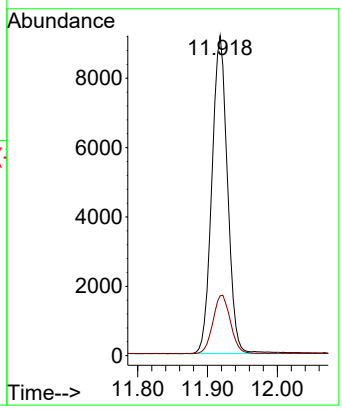


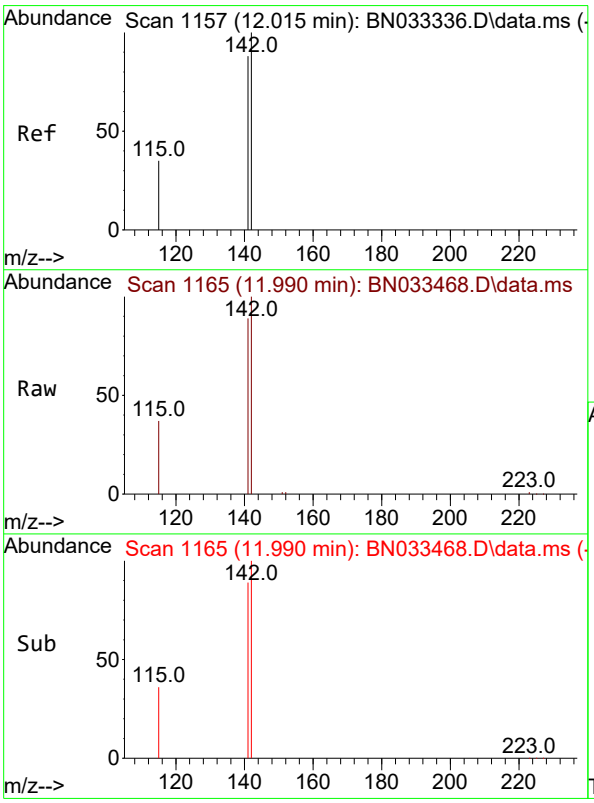
#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 11.918 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:152 Resp: 14255

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1

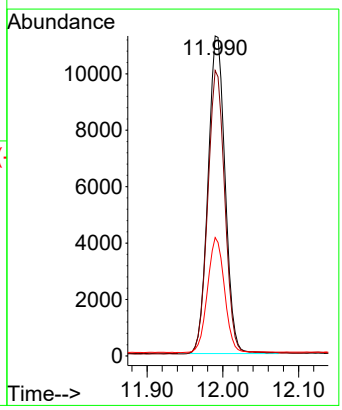


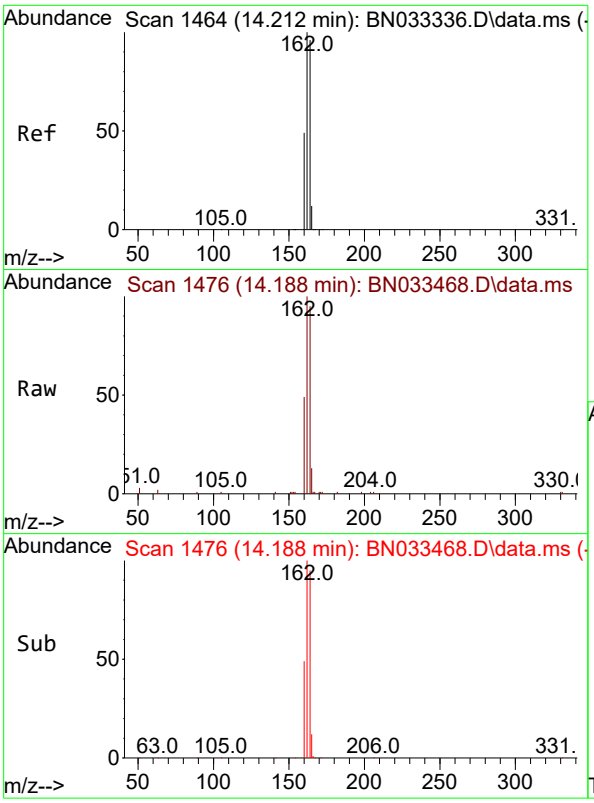


#12
2-Methylnaphthalene
Concen: 0.331 ng
RT: 11.990 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:142 Resp: 17695

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.2	105.4
115	37.0	29.3	43.9



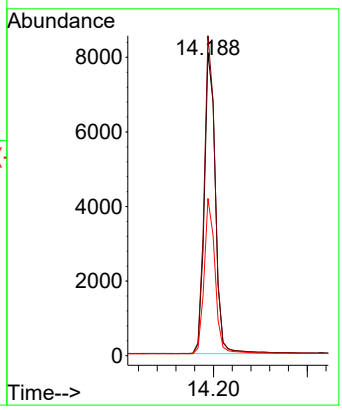


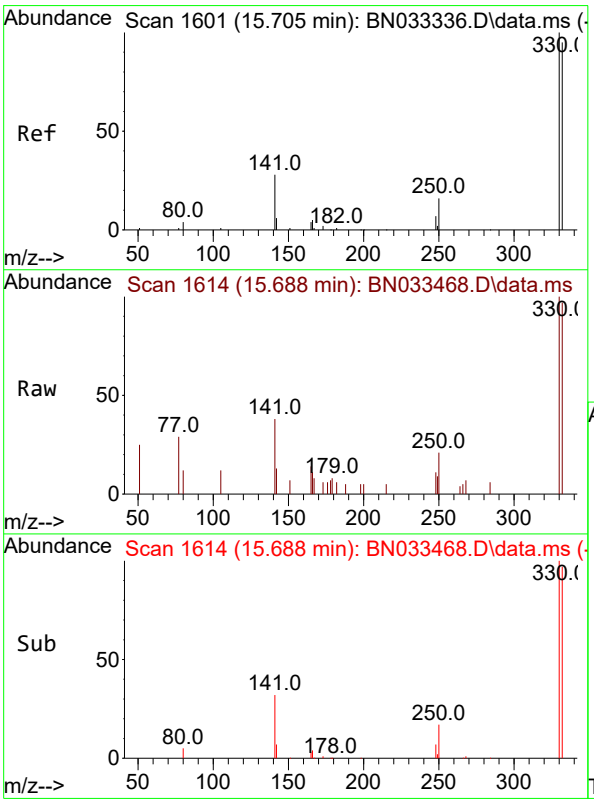
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.188 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:164 Resp: 13195

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.1	124.7
160	51.8	41.1	61.7

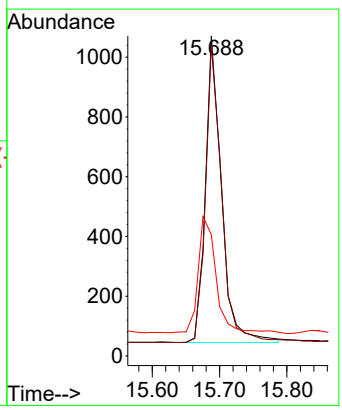


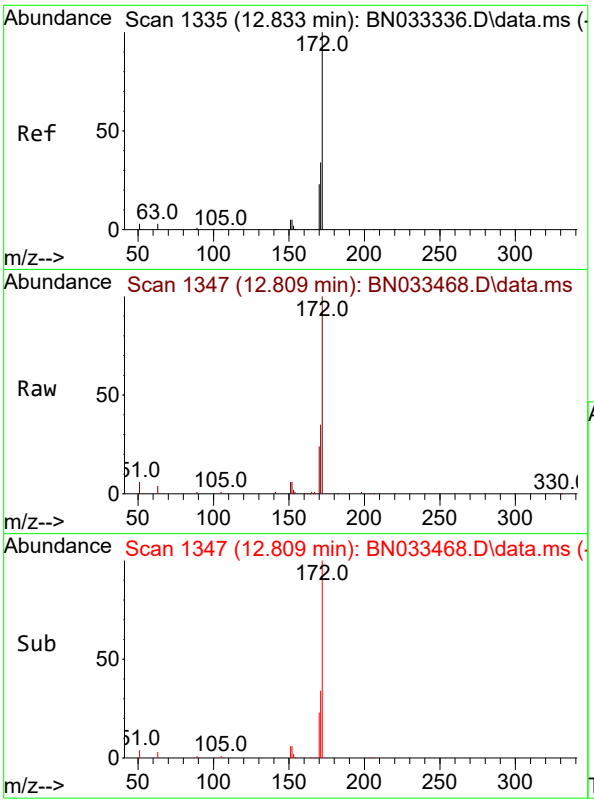


#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.013 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:330 Resp: 1706

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	41.6	33.4	50.0



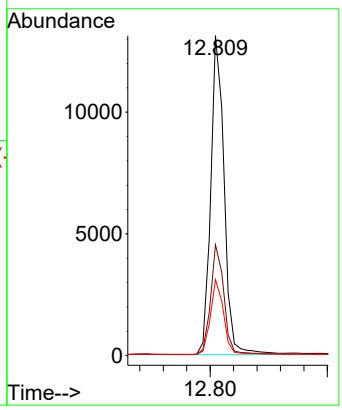


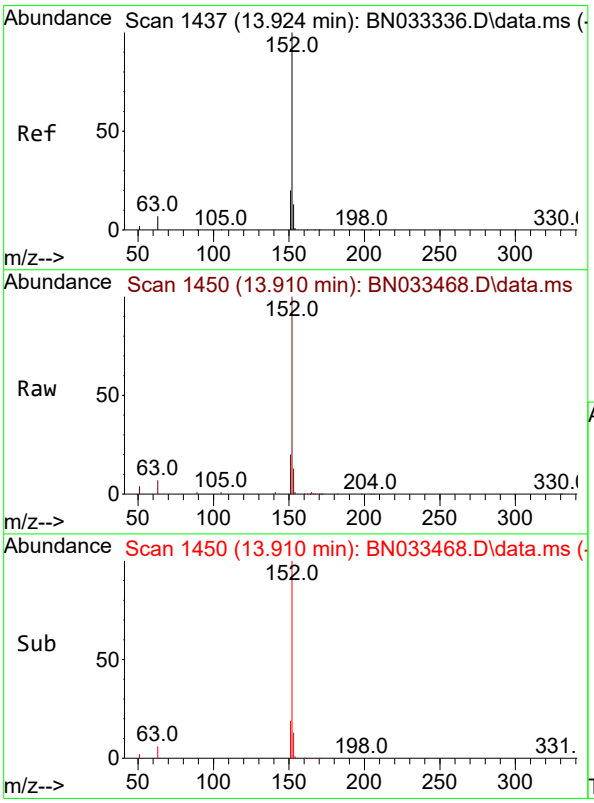
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.809 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:172 Resp: 20763

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.8	18.7	28.1

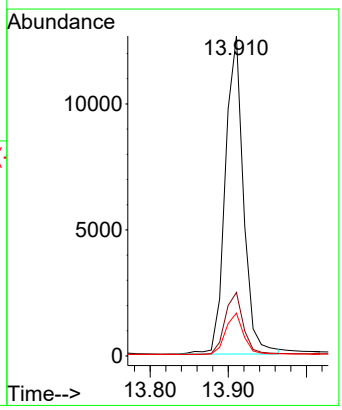


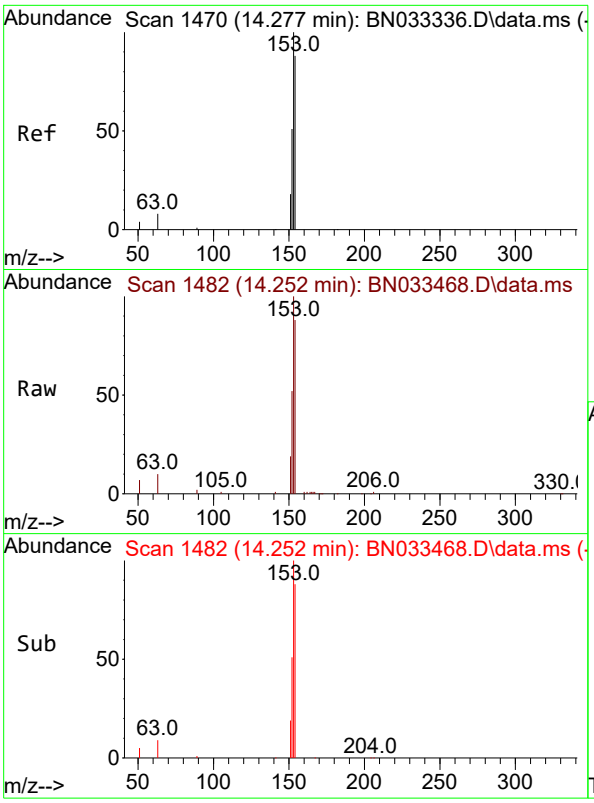


#16
Acenaphthylene
Concen: 0.331 ng
RT: 13.910 min Scan# 1450
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:152 Resp: 20377

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.7	10.4	15.6



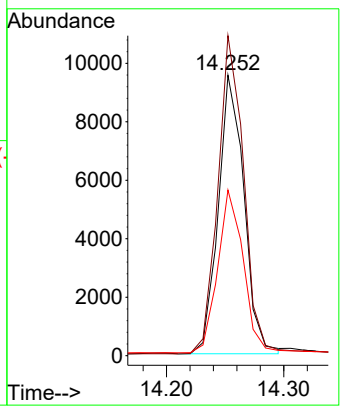


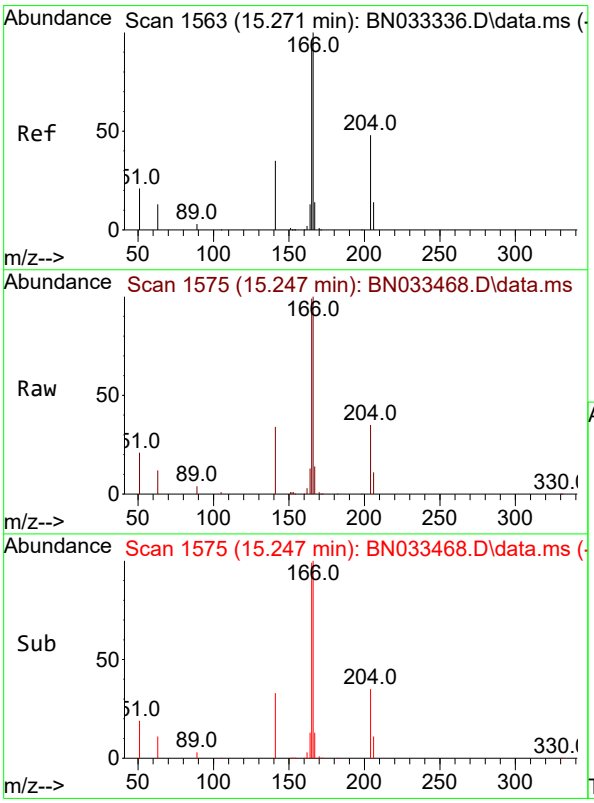
#17
Acenaphthene
Concen: 0.343 ng
RT: 14.252 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:154 Resp: 14496

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.7	134.5
152	58.2	47.2	70.8

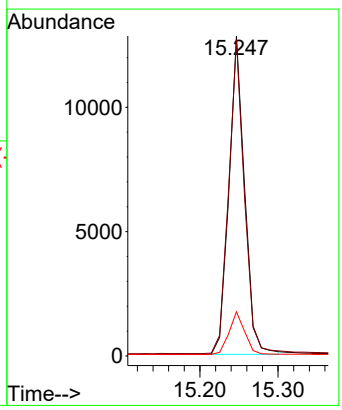


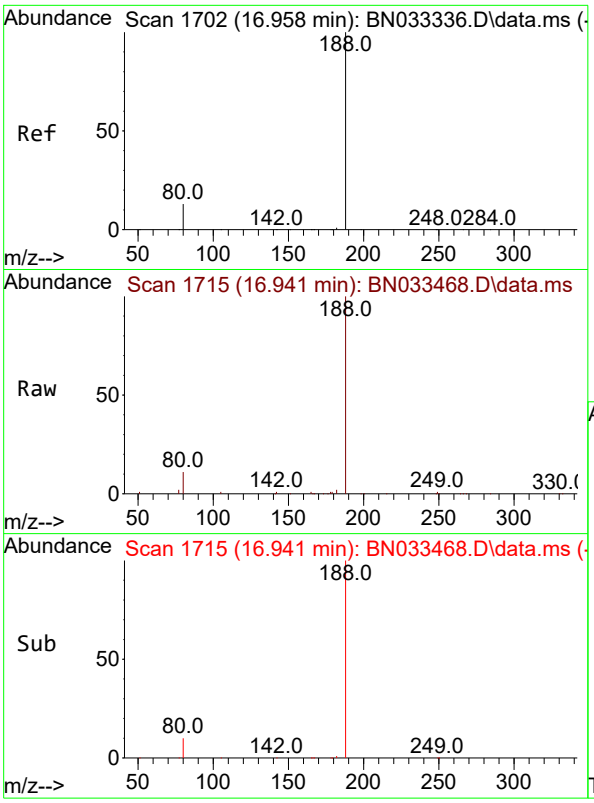


#18
Fluorene
Concen: 0.318 ng
RT: 15.247 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:166 Resp: 17727

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.0	117.0
167	13.5	10.7	16.1



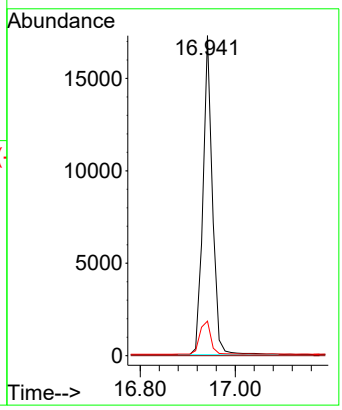


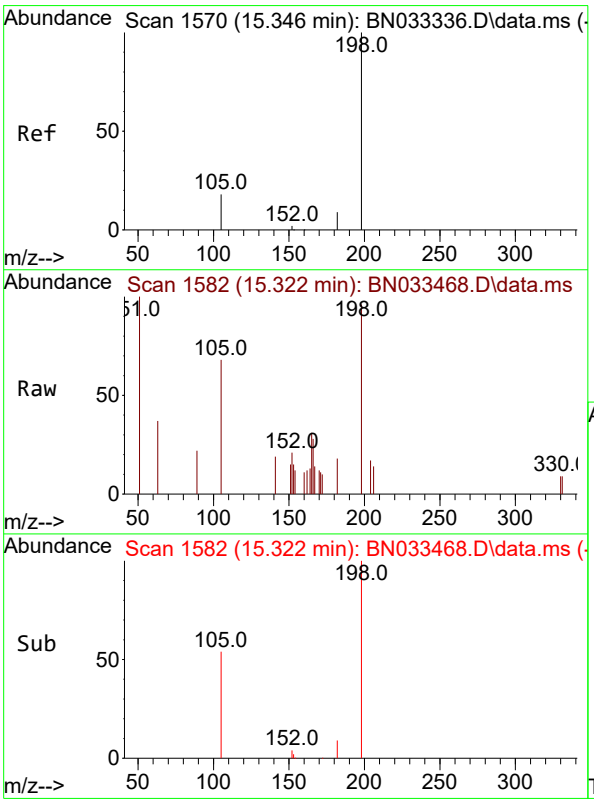
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.941 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:188 Resp: 24102

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	10.7	16.1

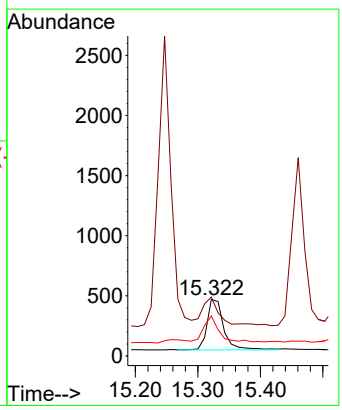


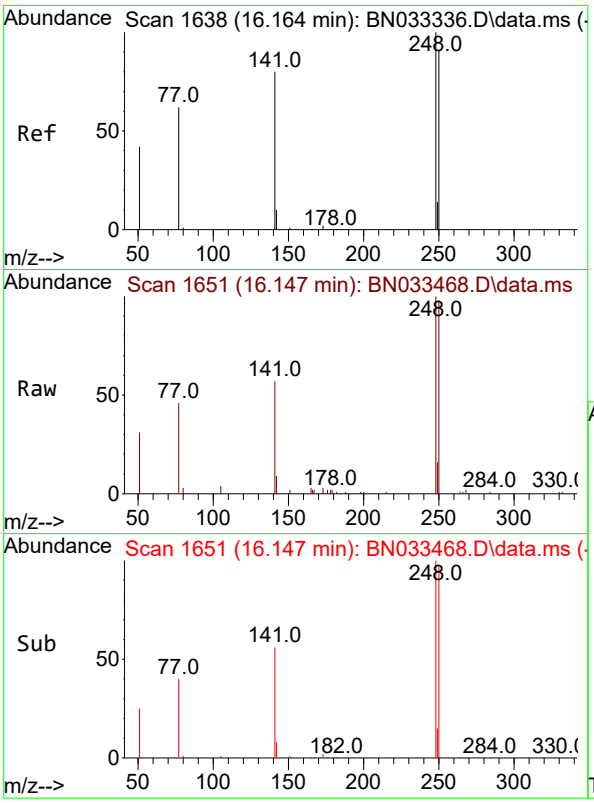


#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.322 min Scan# 1582
Delta R.T. -0.011 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:198 Resp: 779

Ion	Ratio	Lower	Upper
198	100		
51	104.3	62.8	94.2#
105	71.0	34.1	51.1#



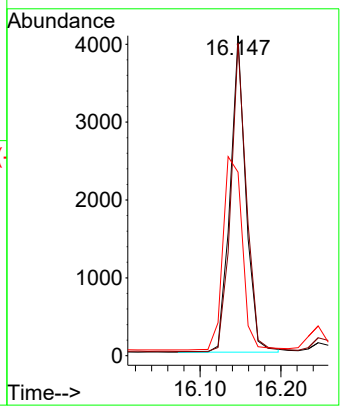


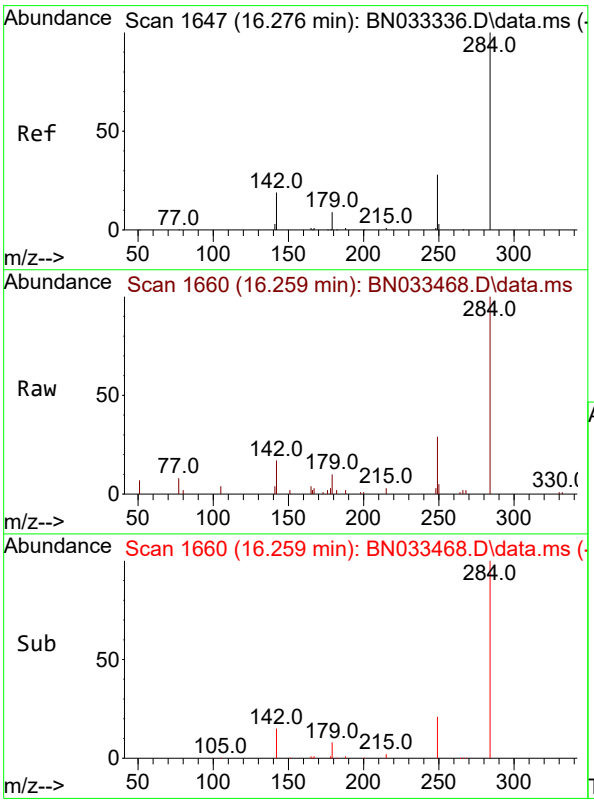
#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:248 Resp: 5479

Ion	Ratio	Lower	Upper
248	100		
250	97.7	73.0	109.4
141	57.4	64.6	96.8#

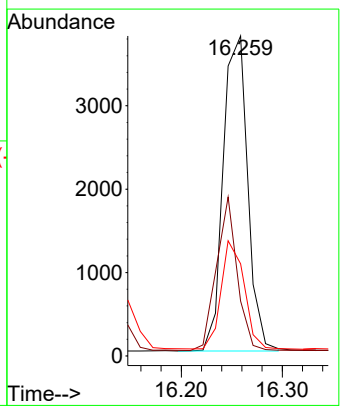


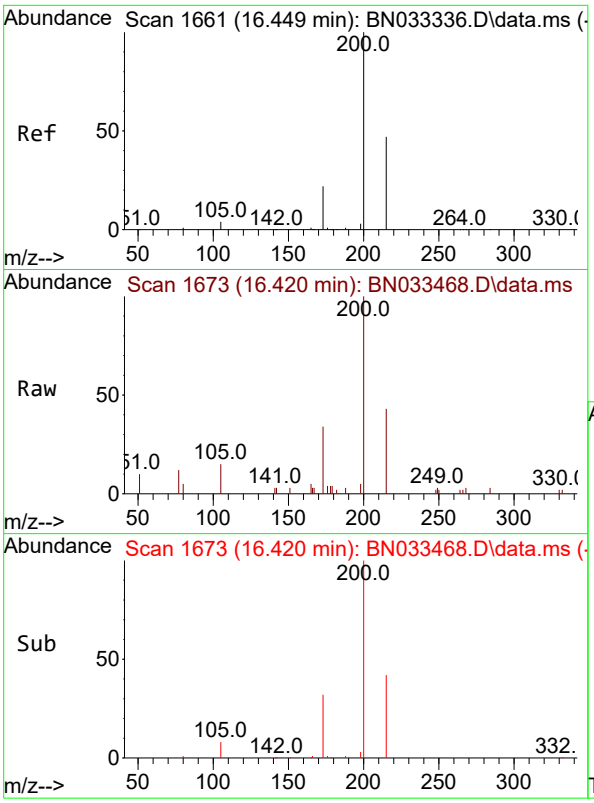


#22
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.259 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:284 Resp: 6391

Ion	Ratio	Lower	Upper
284	100		
142	40.8	32.2	48.4
249	32.2	25.3	37.9



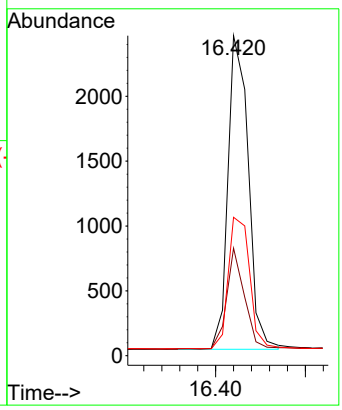


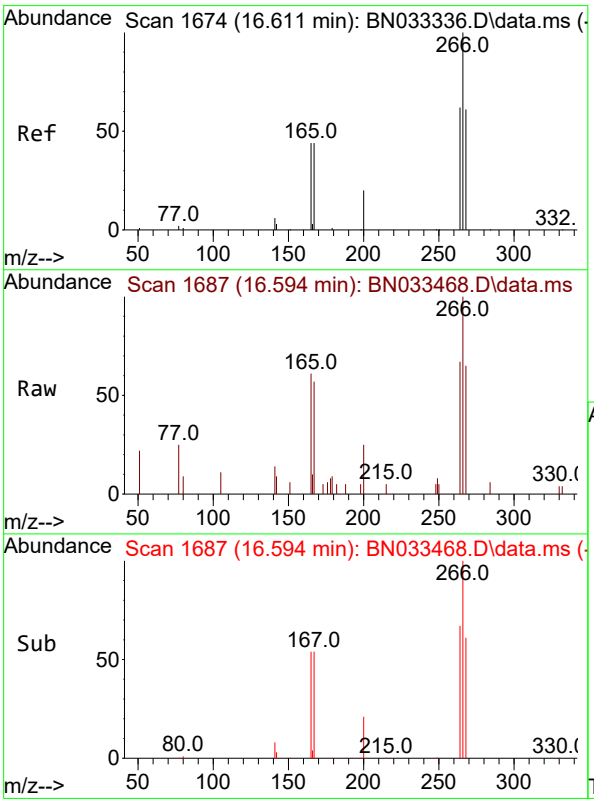
#23
Atrazine
Concen: 0.333 ng
RT: 16.420 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:200 Resp: 3806

Ion	Ratio	Lower	Upper
200	100		
173	33.6	18.7	28.1#
215	43.3	38.6	58.0

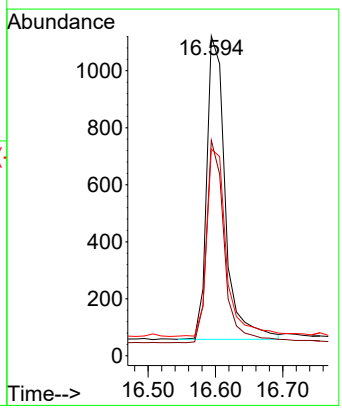


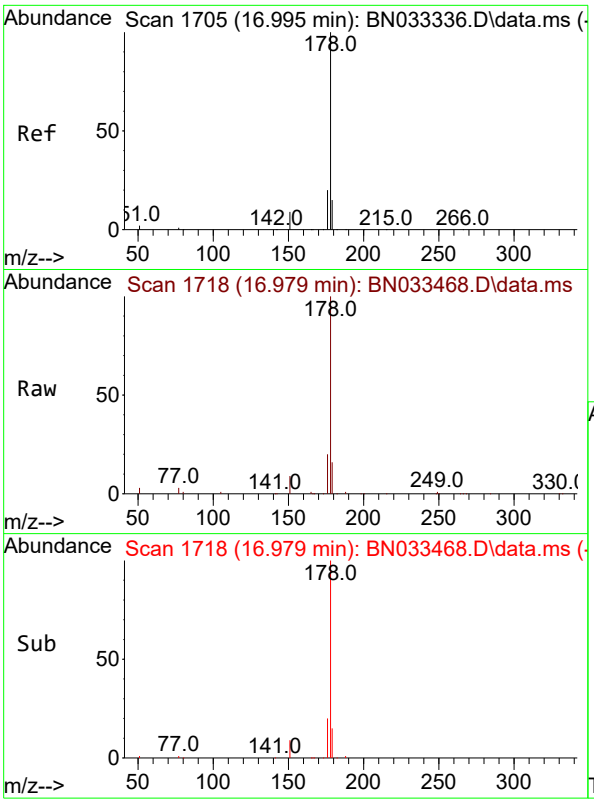


#24
Pentachlorophenol
Concen: 0.312 ng
RT: 16.594 min Scan# 1687
Delta R.T. -0.013 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:266 Resp: 2038

Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.2	73.8
268	65.0	51.2	76.8



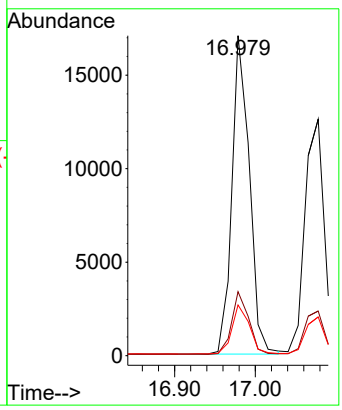


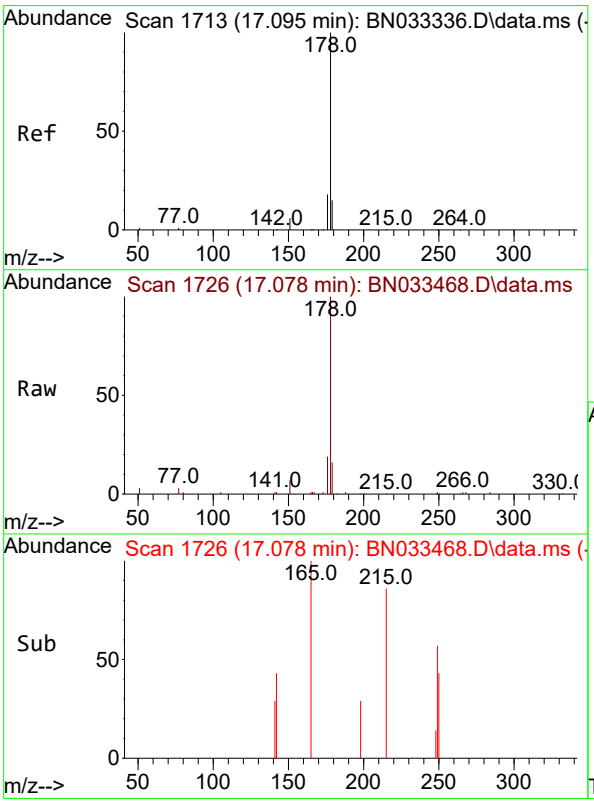
#25
Phenanthrene
Concen: 0.368 ng
RT: 16.979 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:178 Resp: 25600

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.2	18.2

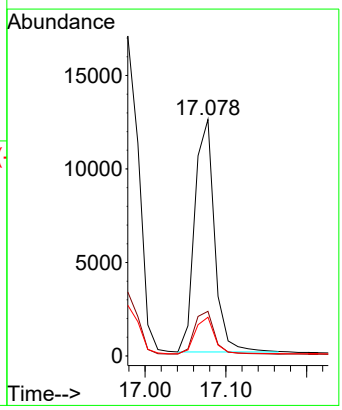


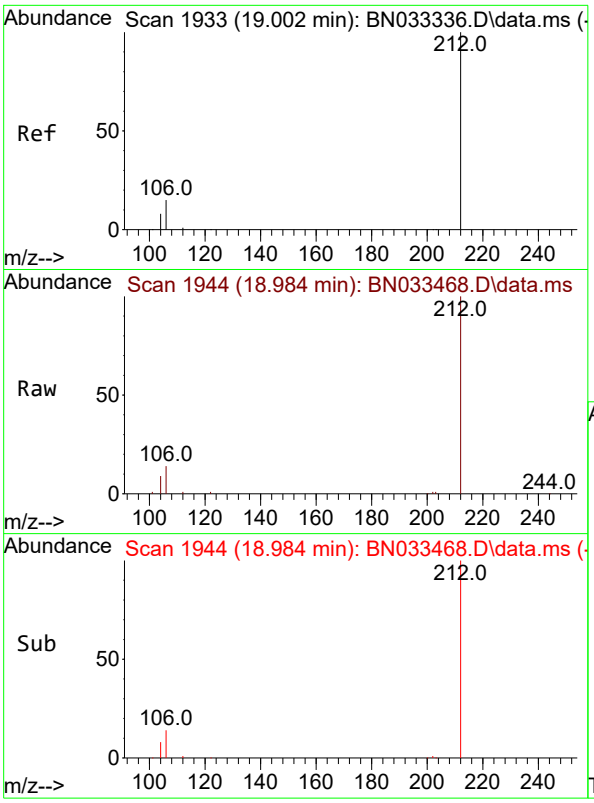


#26
Anthracene
Concen: 0.345 ng
RT: 17.078 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:178 Resp: 21239

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.3	12.2	18.2



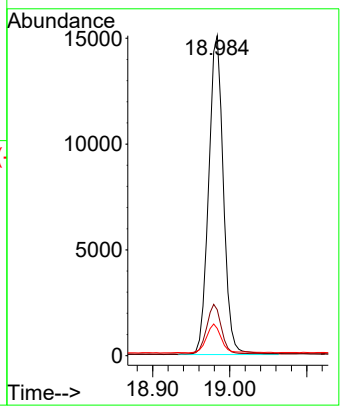


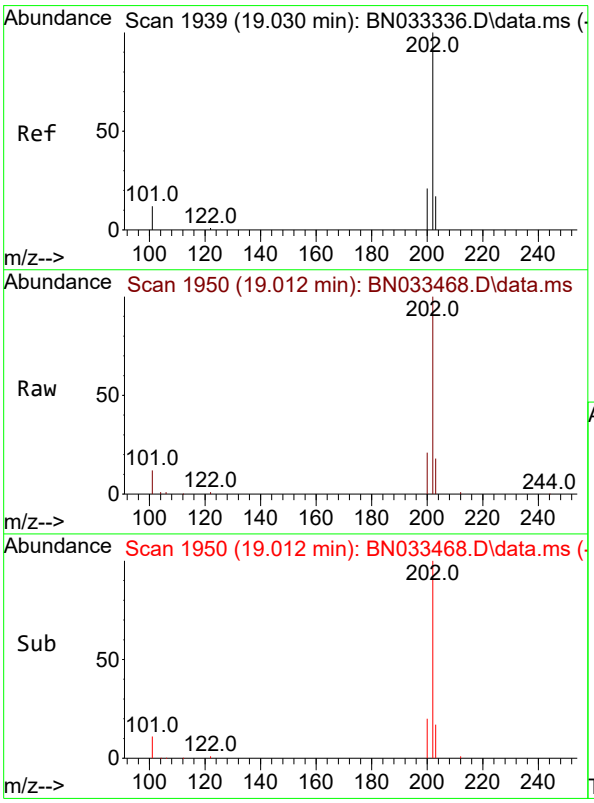
#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 18.984 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:212 Resp: 20051

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.8	19.2
104	9.1	7.1	10.7

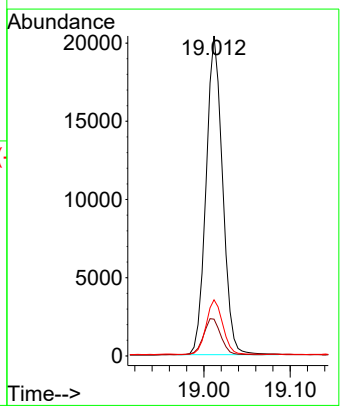


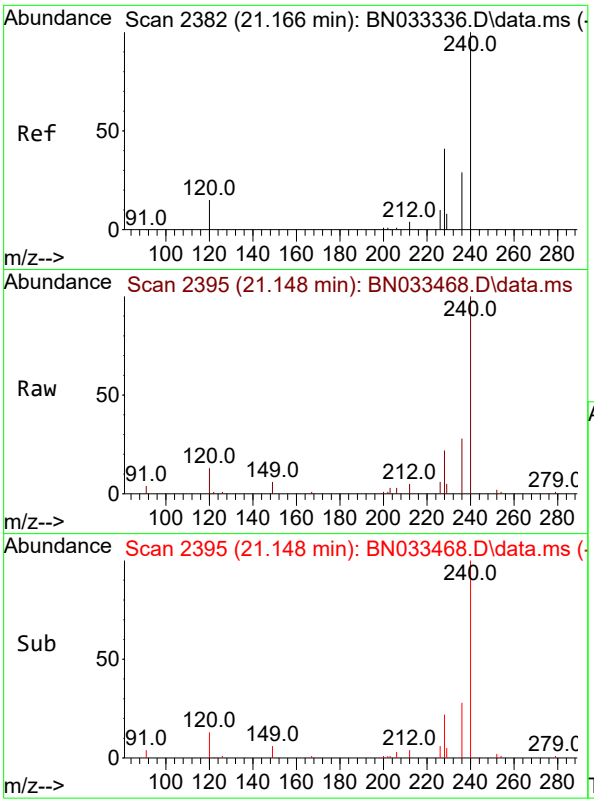


#28
Fluoranthene
Concen: 0.317 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:202 Resp: 27155

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
203	17.2	13.8	20.6



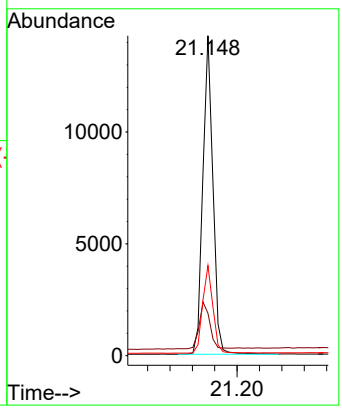


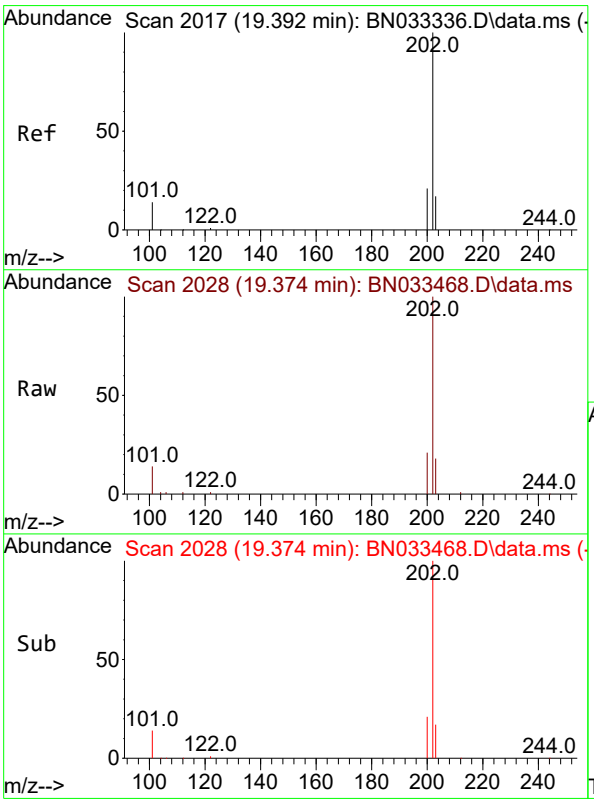
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:240 Resp: 17808

Ion	Ratio	Lower	Upper
240	100		
120	13.3	13.0	19.6
236	28.2	23.2	34.8

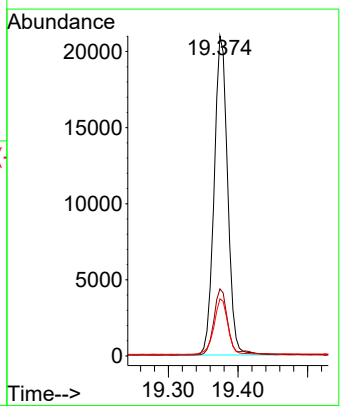


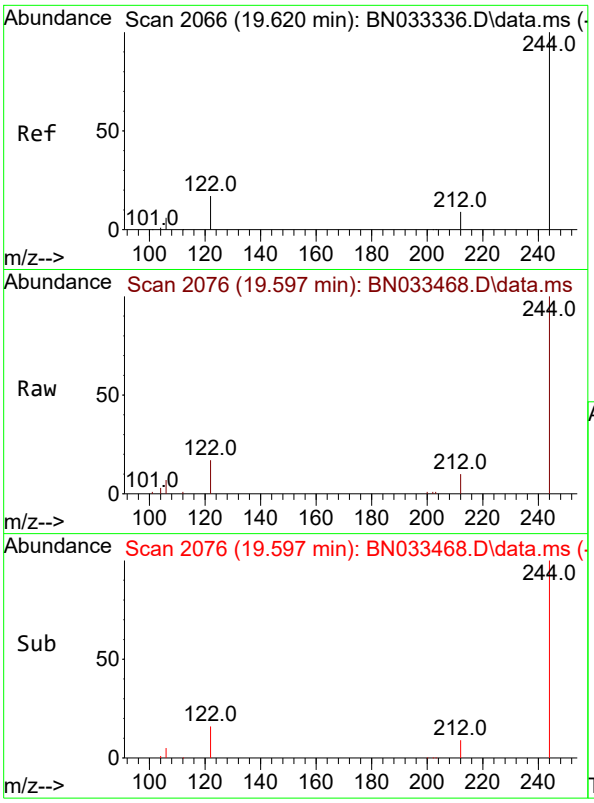


#30
Pyrene
Concen: 0.398 ng
RT: 19.374 min Scan# 2028
Delta R.T. -0.010 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:202 Resp: 28248

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.9	14.2	21.4



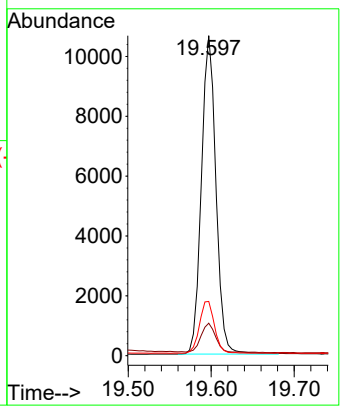


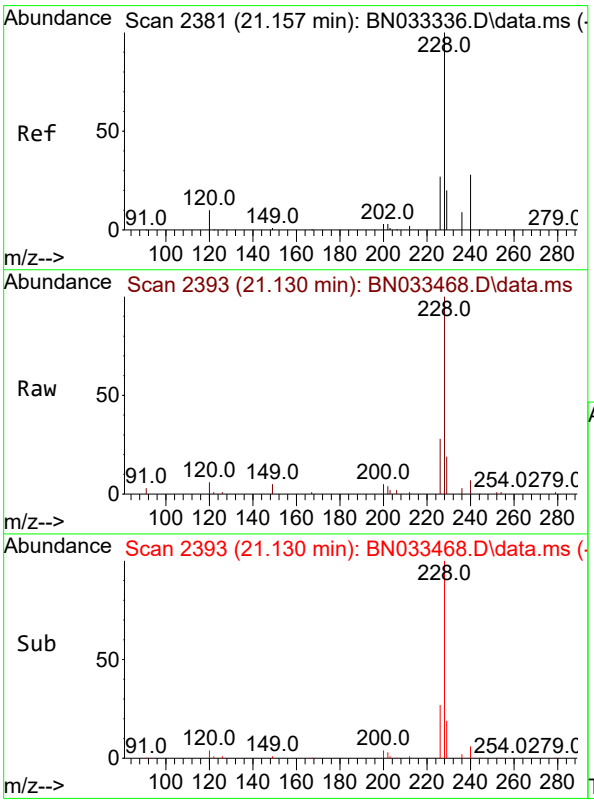
#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.597 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:244 Resp: 13012

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.7	11.5
122	17.0	14.0	21.0

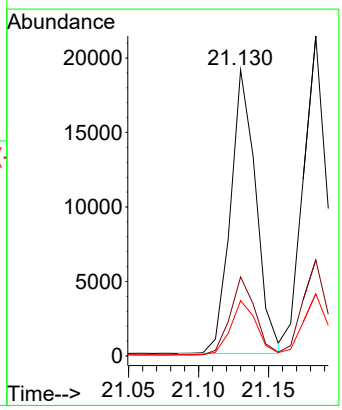


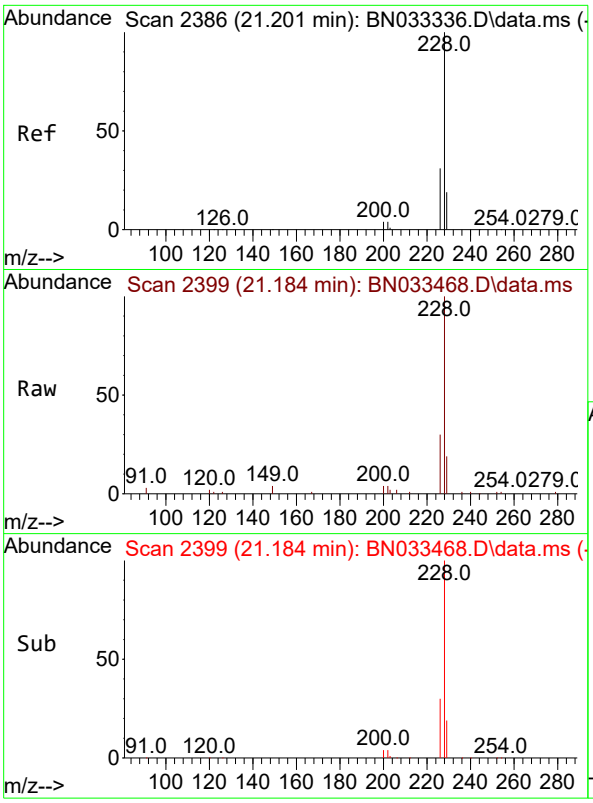


#32
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.009 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:228 Resp: 23960

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.6	32.4
229	19.4	15.9	23.9



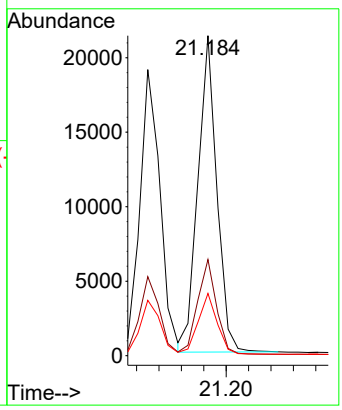


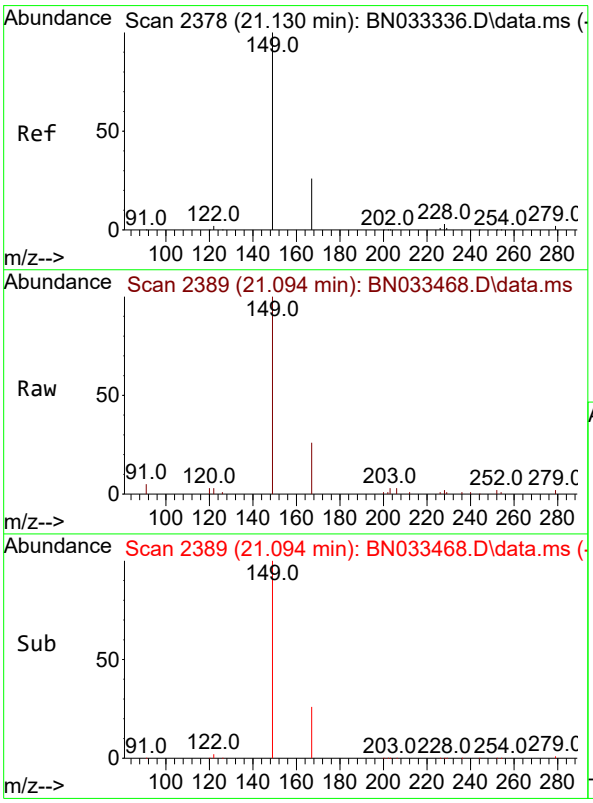
#33
Chrysene
Concen: 0.372 ng
RT: 21.184 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:228 Resp: 24941

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.5	15.4	23.2

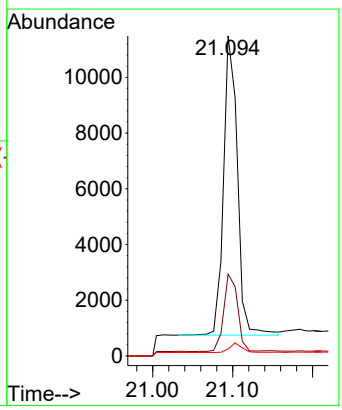


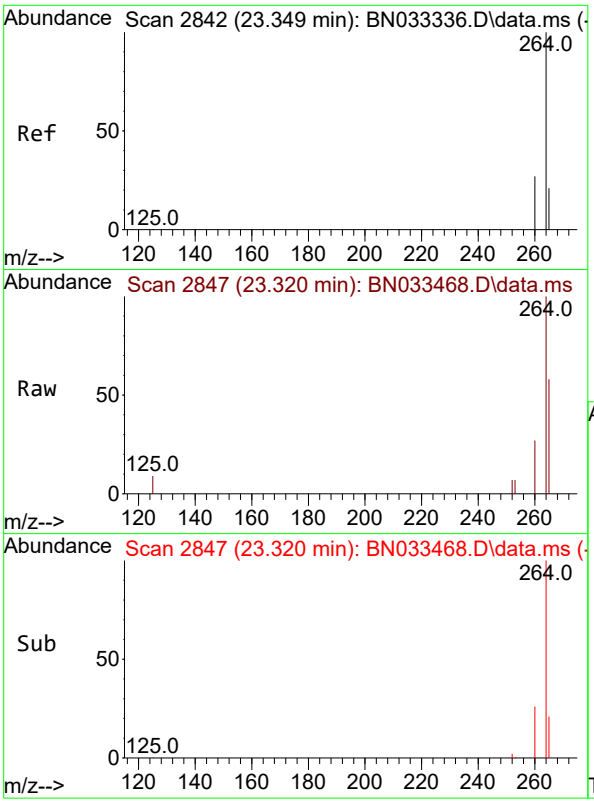


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.428 ng
RT: 21.094 min Scan# 2389
Delta R.T. -0.018 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:149 Resp: 12945

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.9	31.3
279	3.0	2.2	3.4



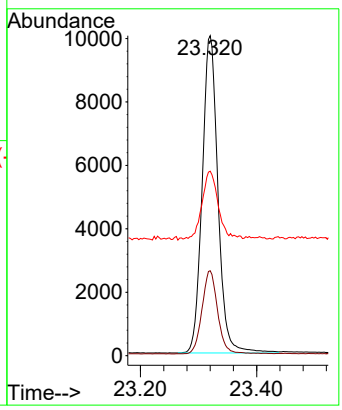


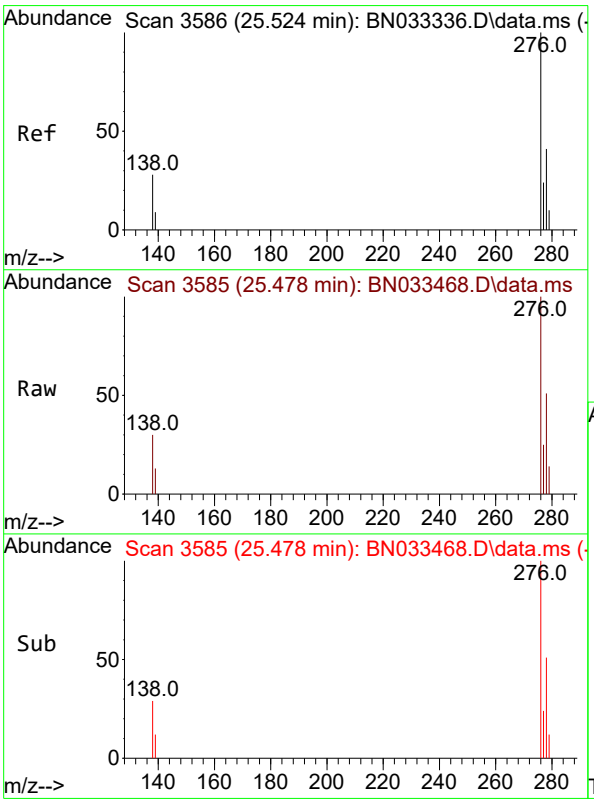
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.320 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:264 Resp: 18838

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.6	32.4
265	57.7	29.3	43.9#

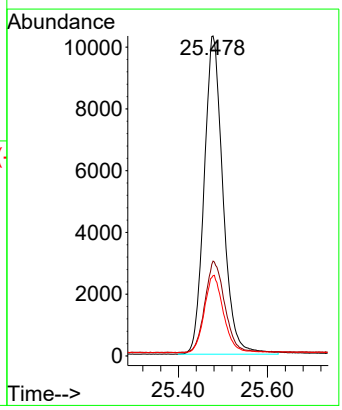


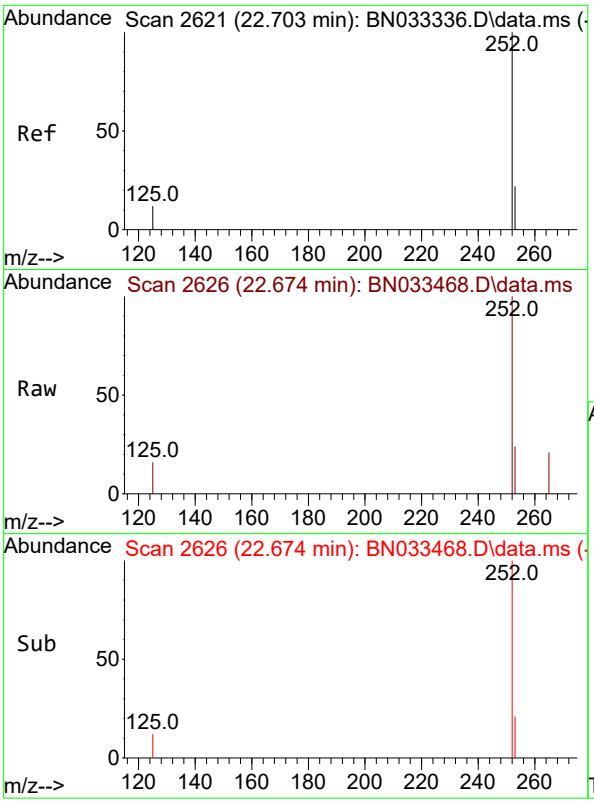


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.021 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:276 Resp: 30255

Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.9	37.3
277	24.4	19.8	29.6



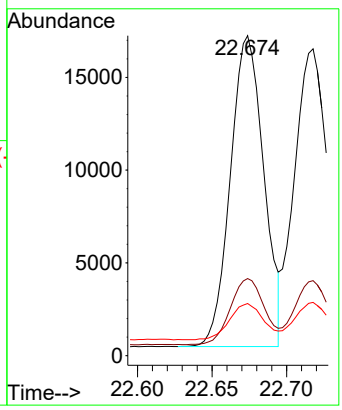


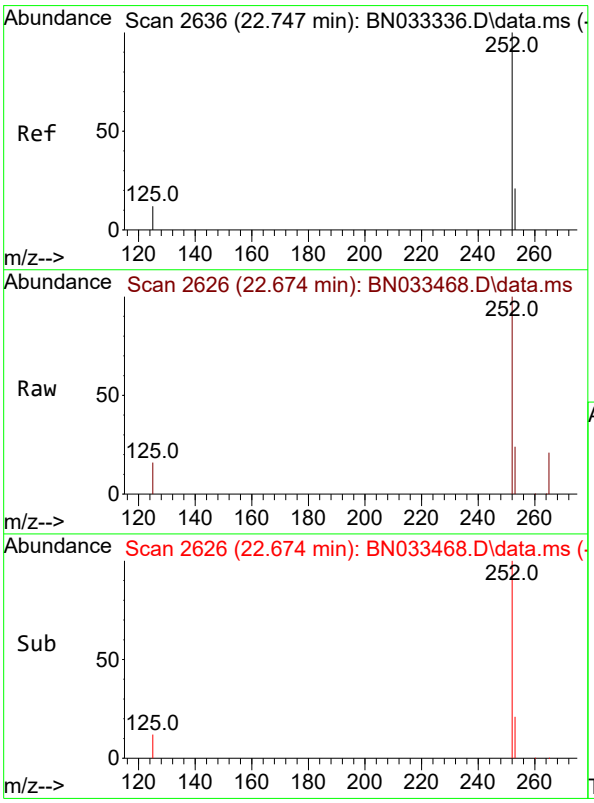
#37
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.674 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:252 Resp: 26110

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	16.3	11.3	16.9

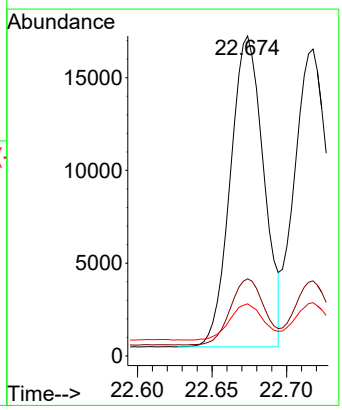


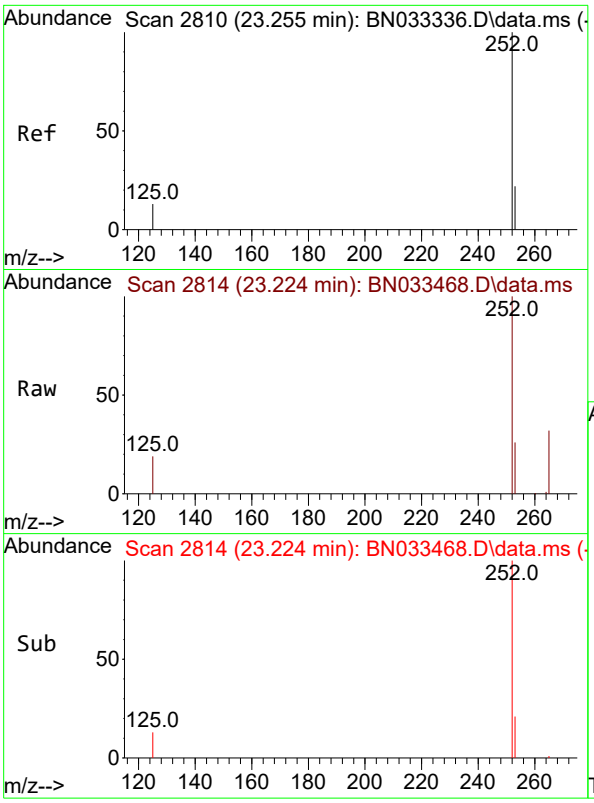


#38
Benzo(k)fluoranthene
Concen: 0.361 ng
RT: 22.674 min Scan# 2626
Delta R.T. -0.056 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:252 Resp: 26110

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	16.3	11.3	16.9



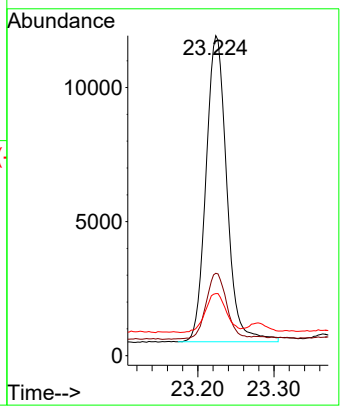


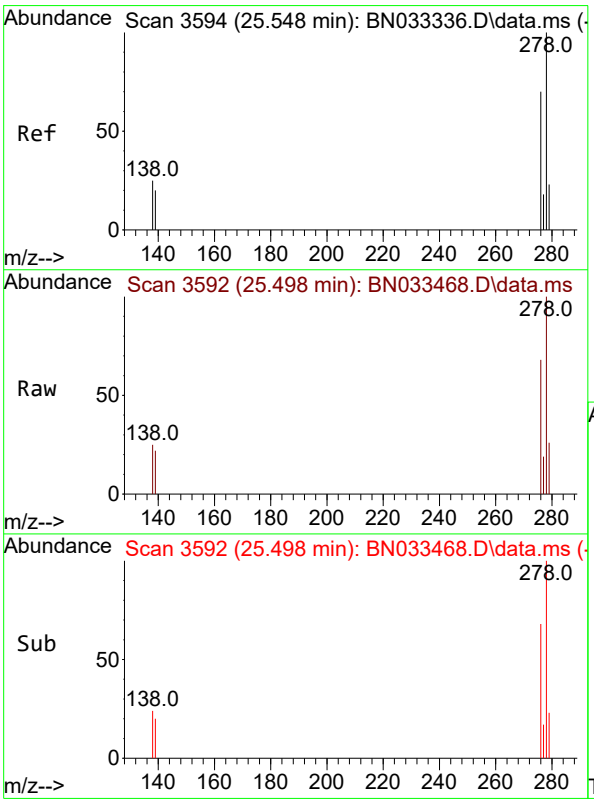
#39
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.224 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:252 Resp: 21646

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.6	28.0
125	19.4	12.6	19.0#

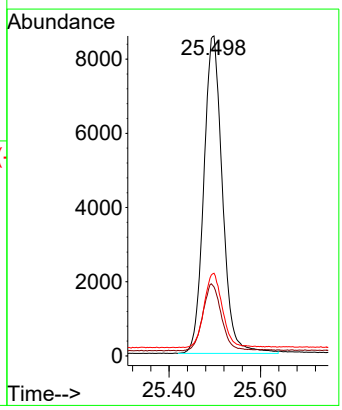


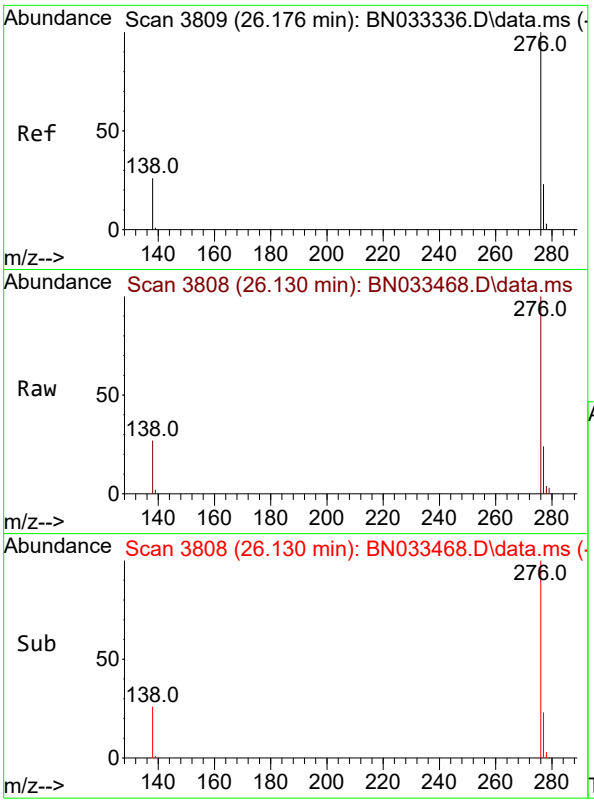


#40
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 25.498 min Scan# 3592
Delta R.T. -0.018 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Tgt Ion:278 Resp: 24202

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.0	25.6
279	25.9	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 26.130 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN033468.D
Acq: 17 Aug 2024 15:09

Instrument :
BNA_N
ClientSampleId :
PB162723BSD

Tgt Ion:276 Resp: 25968

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	27.0	21.6	32.4