Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033248.D
Acq On : 05 Aug 2024 22:58
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Quant Time: Aug 06 00:00:28 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 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.532	152	839	0.400	ng		0.02
7) Naphthalene-d8	10.340	136	3354	0.400	ng		0.02
13) Acenaphthene-d10	14.133	164	2423	0.400	ng		0.00
19) Phenanthrene-d10	16.927	188	5777	0.400	ng		0.00
29) Chrysene-d12	21.122	240	6570	0.400	ng		0.00
35) Perylene-d12	23.292	264	8080	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.322	112	241	0.116	ng		0.03
5) Phenol-d6	7.012	99	355	0.124	ng		0.02
8) Nitrobenzene-d5	8.941	82	980	0.363	ng		0.02
11) 2-Methylnaphthalene-d10	11.935	152	2089	0.420	ng		0.00
14) 2,4,6-Tribromophenol	15.723	330	298	0.330	ng		0.00
15) 2-Fluorobiphenyl	12.807	172	3257	0.393	ng		0.00
27) Fluoranthene-d10	18.957	212	6014	0.372	ng		0.00
31) Terphenyl-d14	19.556	244	5063	0.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.047	88	579	0.387	ng	#	84
3) n-Nitrosodimethylamine	3.473	42	424	0.414	ng	#	73
6) bis(2-Chloroethyl)ether	7.062	93	88	0.037	ng	#	96
9) Naphthalene	10.394	128	3603	0.395	ng		99
10) Hexachlorobutadiene	10.511	225	656	0.388	ng	#	98
12) 2-Methylnaphthalene	12.014	142	1947	0.358	ng		99
16) Acenaphthylene	13.876	152	3755	0.388	ng		99
17) Acenaphthene	14.208	154	2681	0.384	ng		99
18) Fluorene	15.223	166	3671	0.389	ng		98
20) 4,6-Dinitro-2-methylph...	15.599	198	174	0.407	ng		93
21) 4-Bromophenyl-phenylether	16.120	248	1097	0.358	ng		96
22) Hexachlorobenzene	16.207	284	1205	0.377	ng		100
23) Atrazine	16.418	200	1055	0.365	ng		99
24) Pentachlorophenol	16.641	266	344	0.321	ng		94
25) Phenanthrene	16.964	178	5770	0.371	ng		100
26) Anthracene	17.088	178	4615	0.354	ng	#	88
28) Fluoranthene	18.990	202	7717	0.362	ng		100
30) Pyrene	19.357	202	8277	0.360	ng		99
32) Benzo(a)anthracene	21.113	228	6924	0.366	ng		99
33) Chrysene	21.158	228	10233	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.006	149	1465	0.322	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.482	276	13869	0.380	ng		99
37) Benzo(b)fluoranthene	22.646	252	8428	0.344	ng		99
38) Benzo(k)fluoranthene	22.690	252	12069	0.394	ng		100
39) Benzo(a)pyrene	23.216	252	9866	0.401	ng		99
40) Dibenzo(a,h)anthracene	25.485	278	10928	0.379	ng		98
41) Benzo(g,h,i)perylene	26.151	276	11569	0.350	ng		99

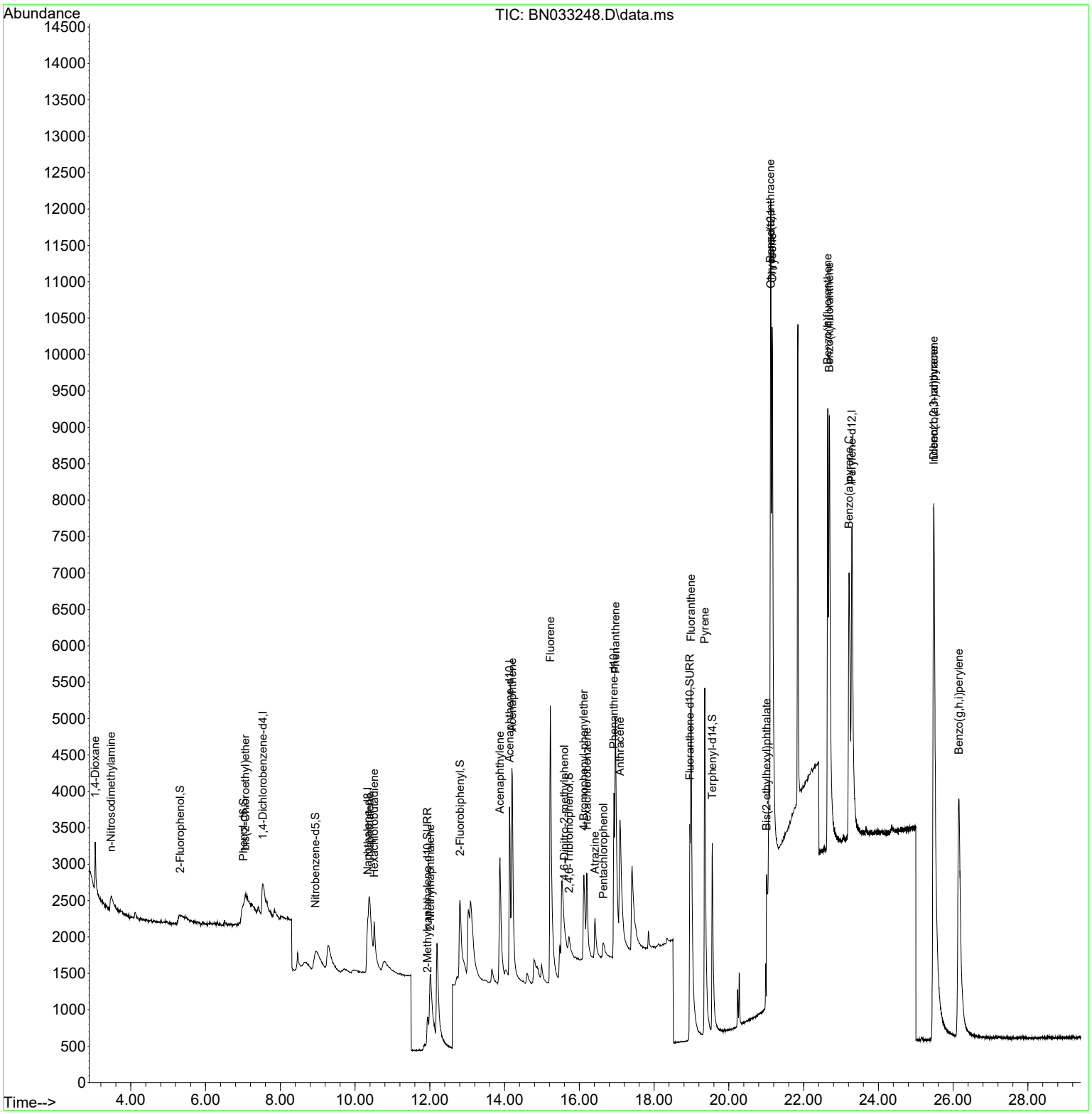
(#) = qualifier out of range (m) = manual integration (+) = signals summed

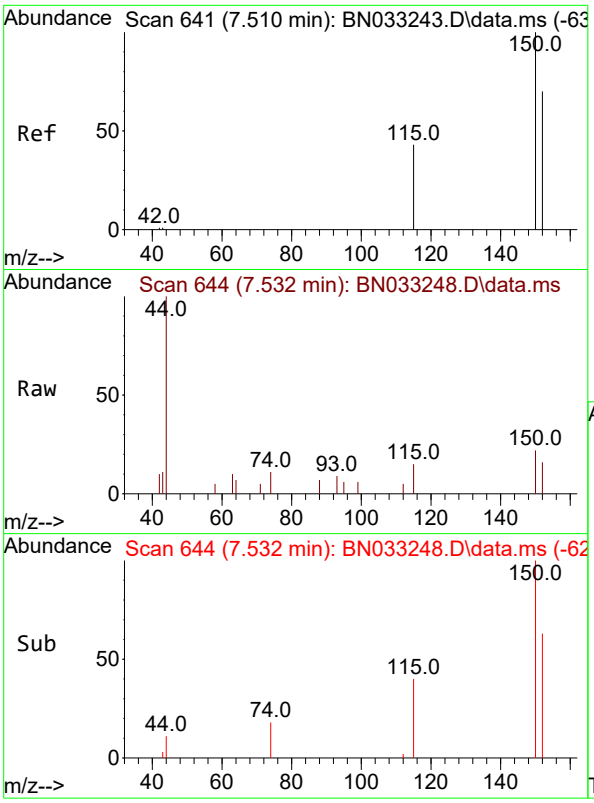
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033248.D
Acq On : 05 Aug 2024 22:58
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Quant Time: Aug 06 00:00:28 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 23:57:48 2024
Response via : Initial Calibration



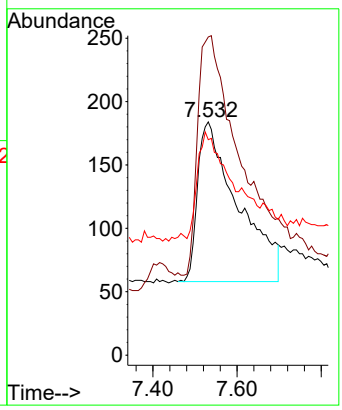


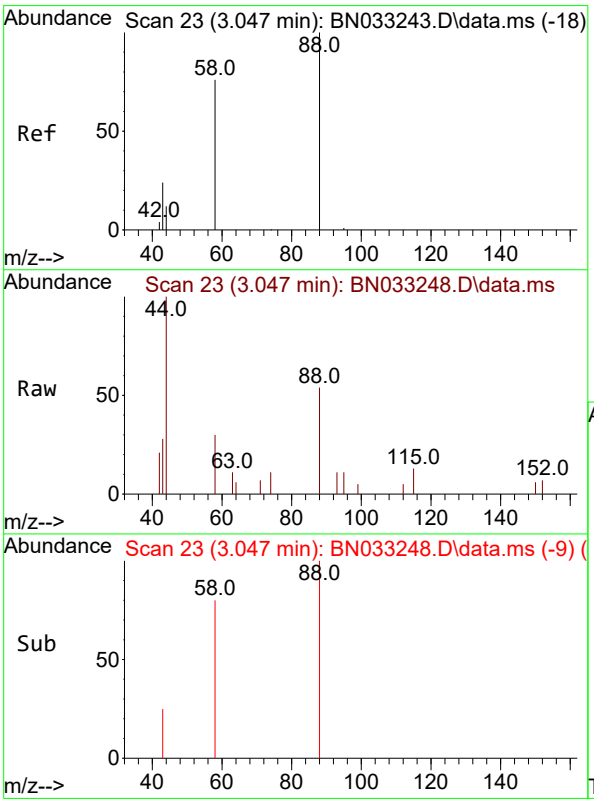
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.532 min Scan# 64
Delta R.T. 0.022 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:152 Resp: 839

Ion	Ratio	Lower	Upper
152	100		
150	136.4	108.2	162.2
115	92.4	70.5	105.7

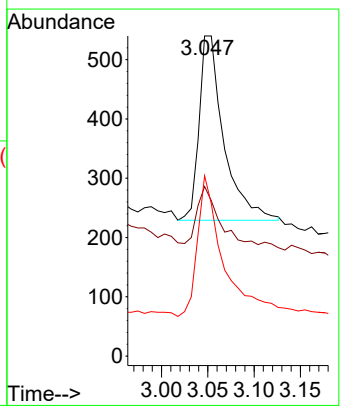


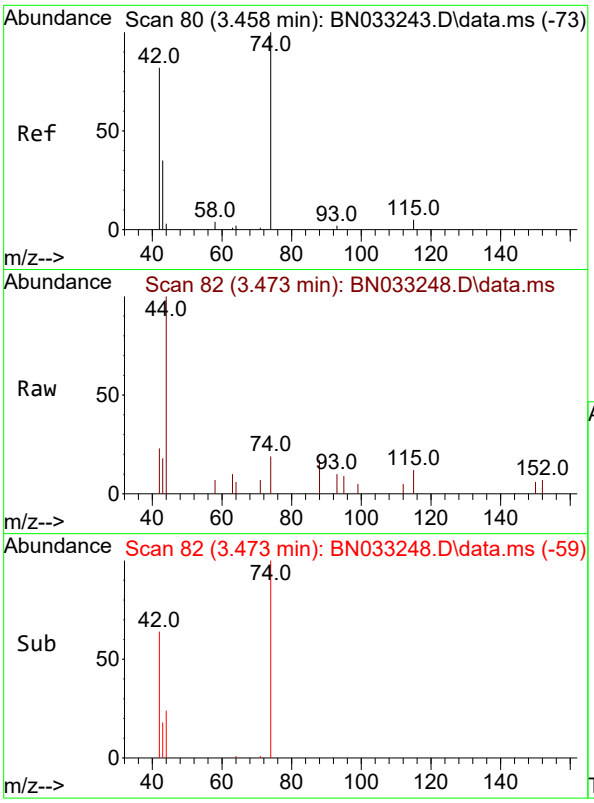


#2
1,4-Dioxane
Concen: 0.387 ng
RT: 3.047 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion: 88 Resp: 579

Ion	Ratio	Lower	Upper
88	100		
43	32.0	18.6	28.0#
58	80.1	54.5	81.7



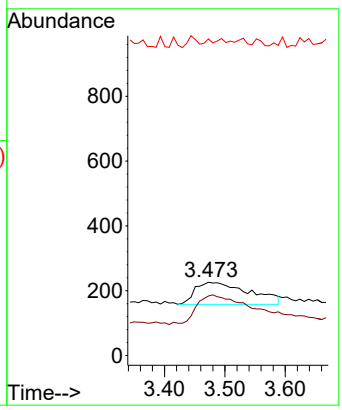


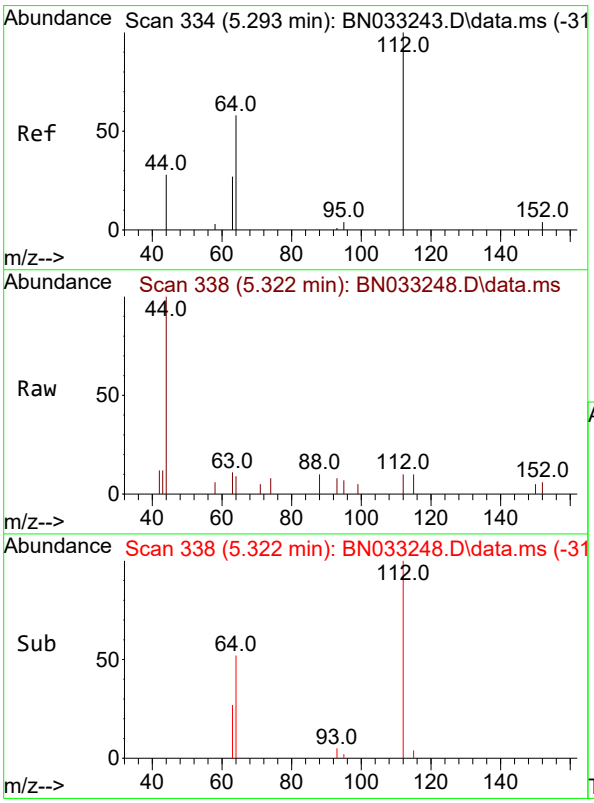
#3
n-Nitrosodimethylamine
Concen: 0.414 ng
RT: 3.473 min Scan# 8
Delta R.T. 0.015 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion: 42 Resp: 424

Ion	Ratio	Lower	Upper
42	100		
74	131.4	0.0	0.0#
44	1.4	9.6	14.4#

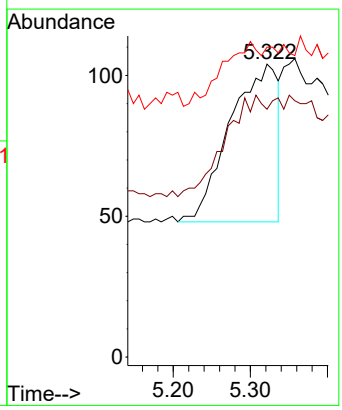


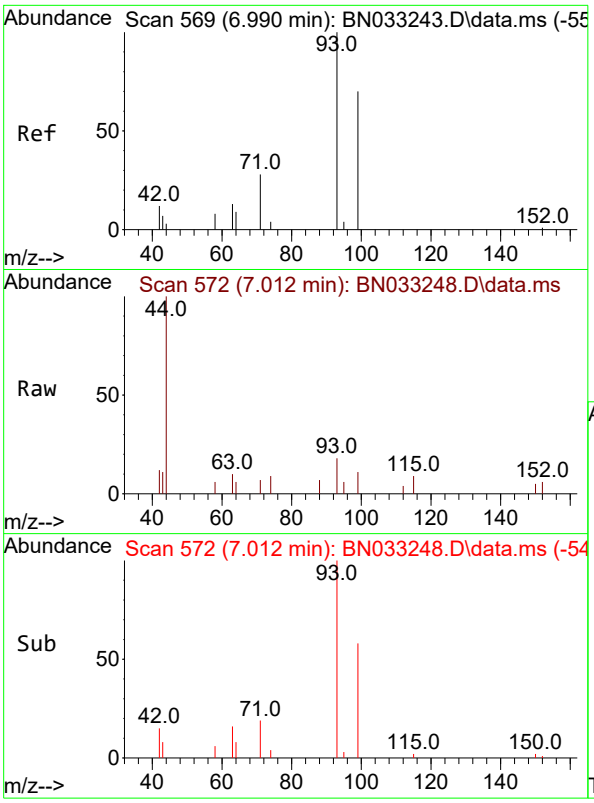


#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.029 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:112 Resp: 241

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



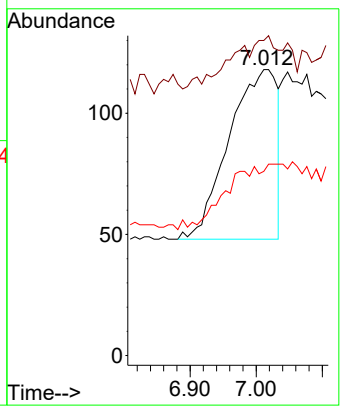


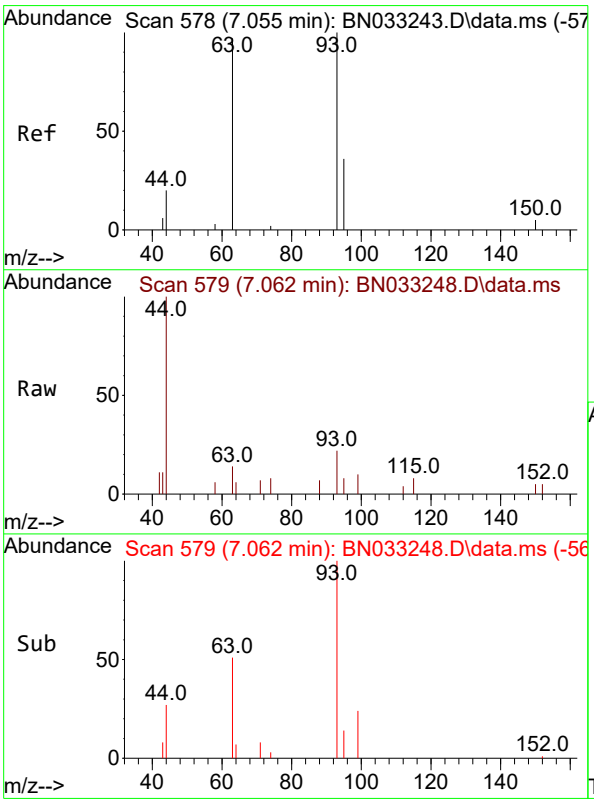
#5
Phenol-d6
Concen: 0.124 ng
RT: 7.012 min Scan# 5
Delta R.T. 0.022 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion: 99 Resp: 355

Ion	Ratio	Lower	Upper
99	100		
42	11.3	0.0	0.0#
71	0.0	0.0	0.0

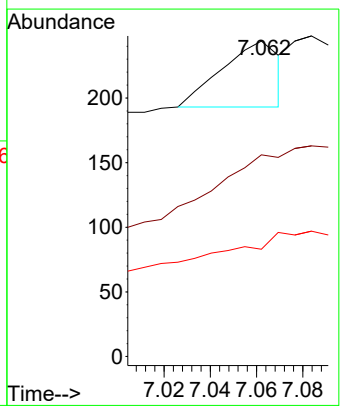


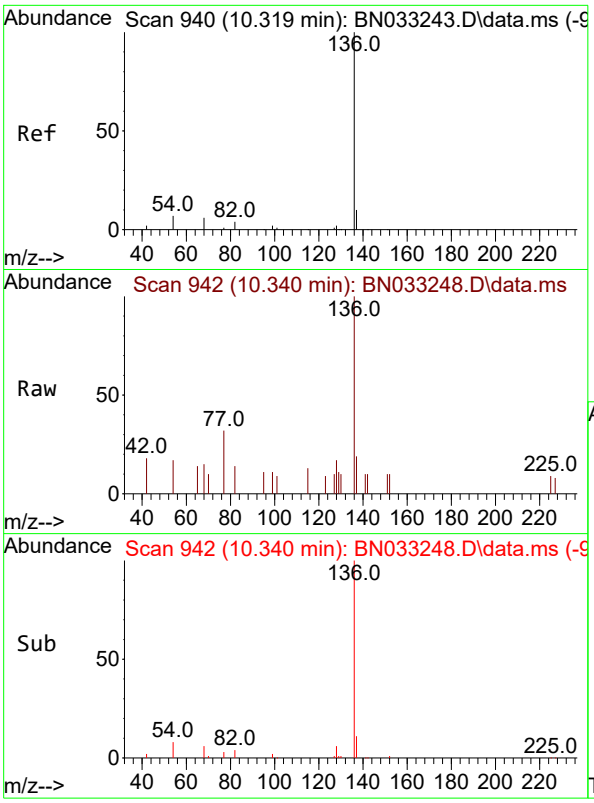


#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.062 min Scan# 579
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion: 93 Resp: 88

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



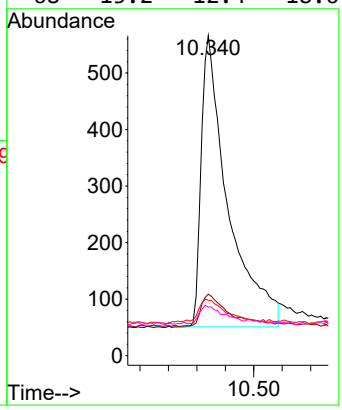


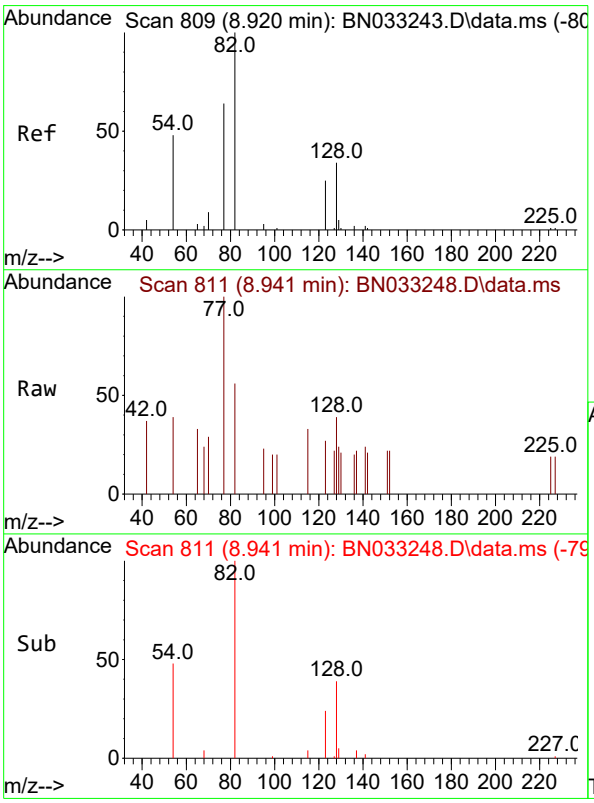
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. 0.021 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:136 Resp: 3354

Ion	Ratio	Lower	Upper
136	100		
137	19.3	14.1	21.1
54	17.3	13.8	20.8
68	15.2	12.4	18.6

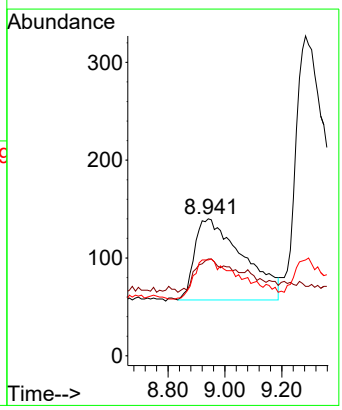


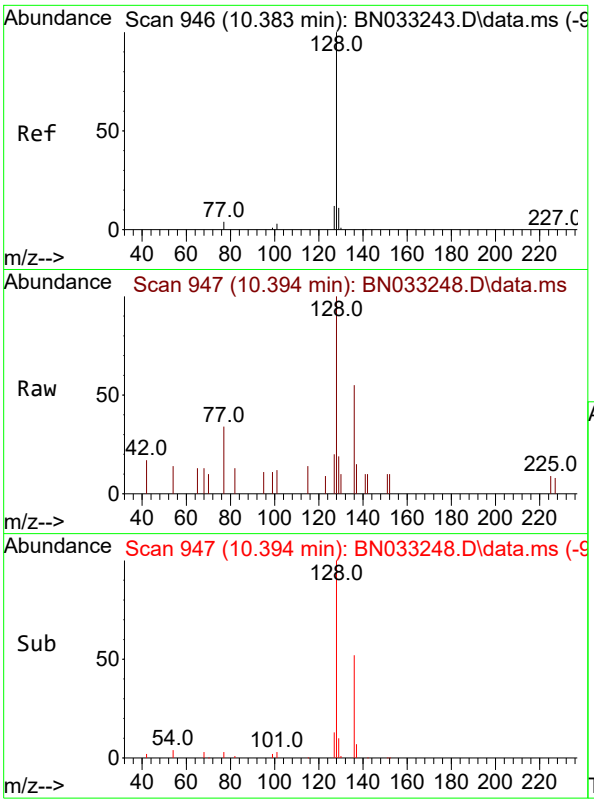


#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.941 min Scan# 811
Delta R.T. 0.021 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion: 82 Resp: 980

Ion	Ratio	Lower	Upper
82	100		
128	70.7	54.8	82.2
54	70.0	55.9	83.9



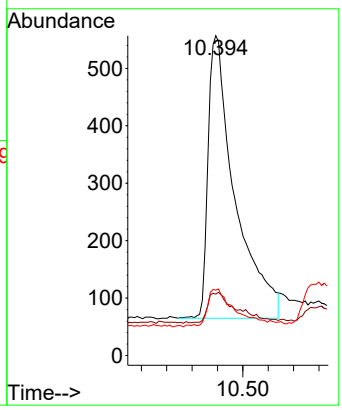


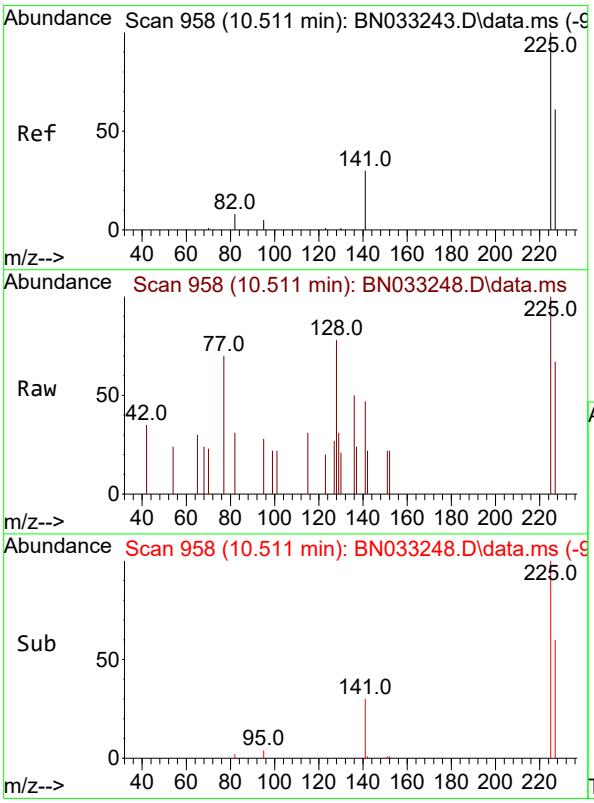
#9
Naphthalene
Concen: 0.395 ng
RT: 10.394 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:128 Resp: 3603

Ion	Ratio	Lower	Upper
128	100		
129	19.2	15.4	23.0
127	20.5	15.8	23.6

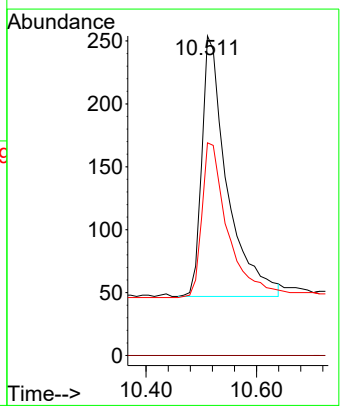


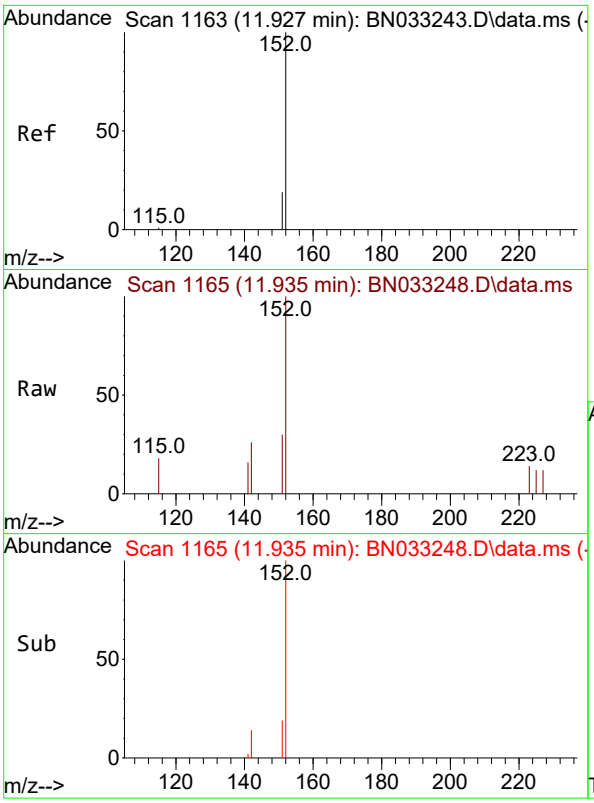


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.511 min Scan# 958
Delta R.T. -0.000 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:225 Resp: 656

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.6	50.2	75.4



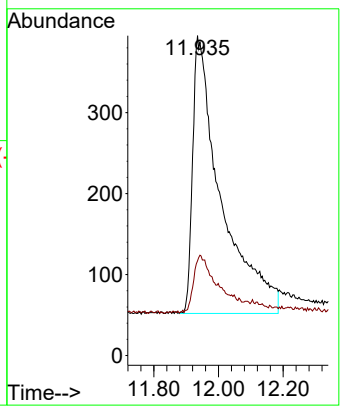


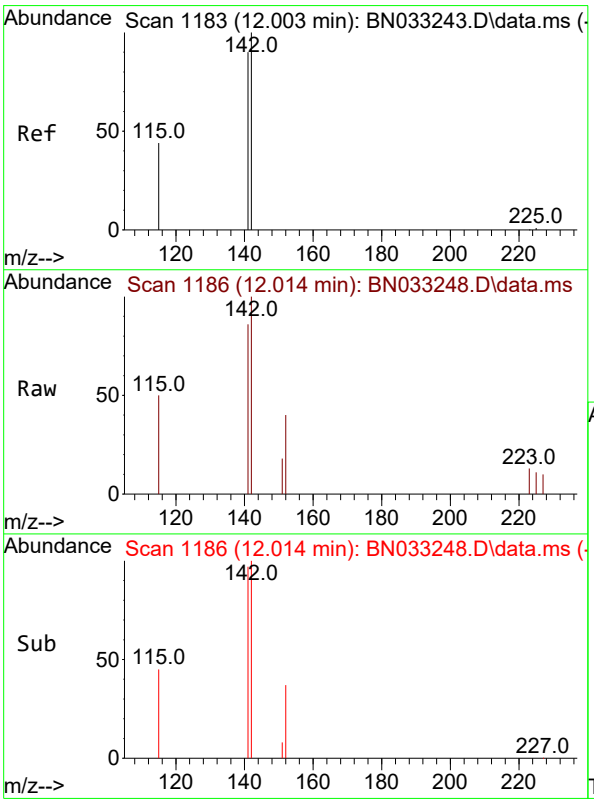
#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 11.935 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:152 Resp: 2089

Ion	Ratio	Lower	Upper
152	100		
151	17.0	11.9	17.9

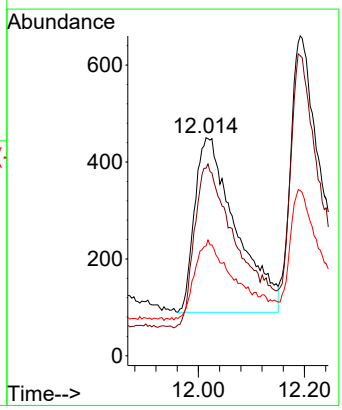


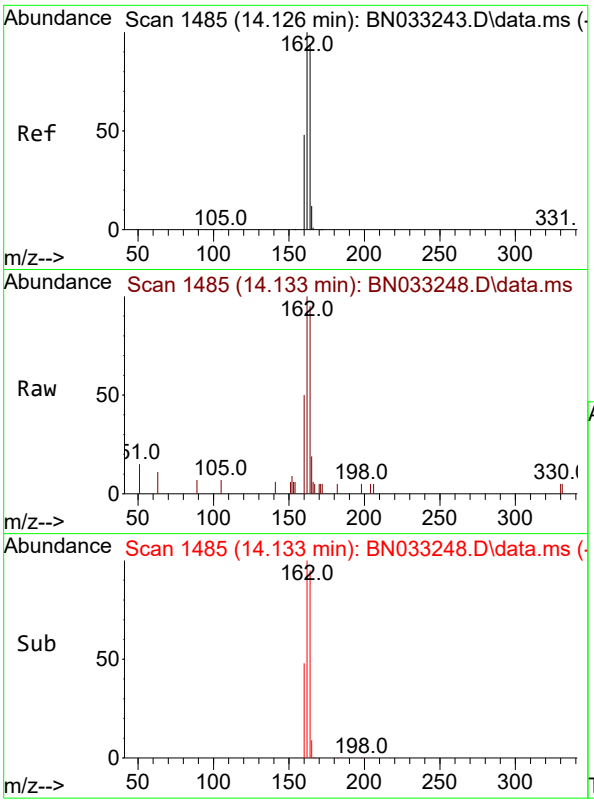


#12
2-Methylnaphthalene
Concen: 0.358 ng
RT: 12.014 min Scan# 1186
Delta R.T. 0.011 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:142 Resp: 1947

Ion	Ratio	Lower	Upper
142	100		
141	86.0	68.7	103.1
115	50.4	41.6	62.4



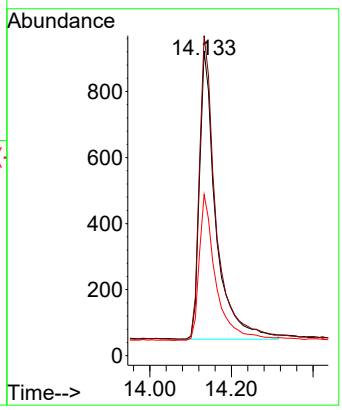


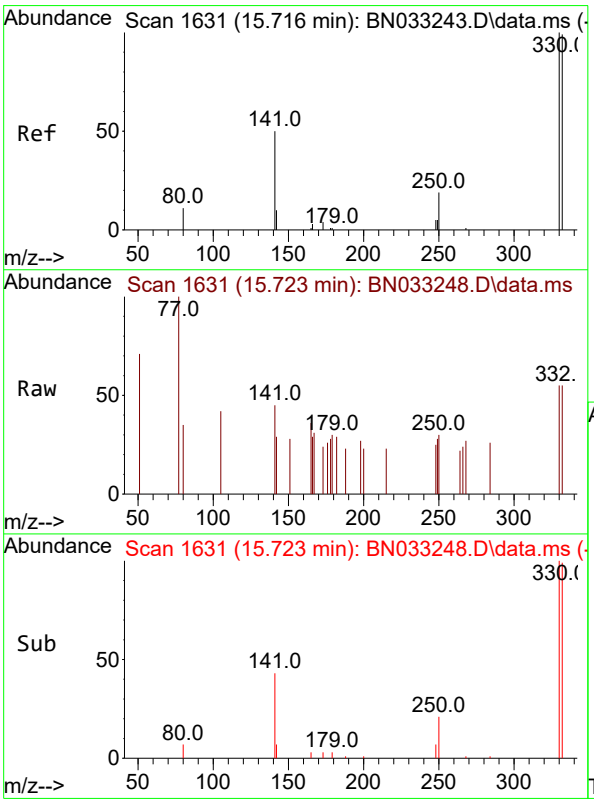
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.133 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:164 Resp: 2423

Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.6	127.0
160	52.9	42.4	63.6

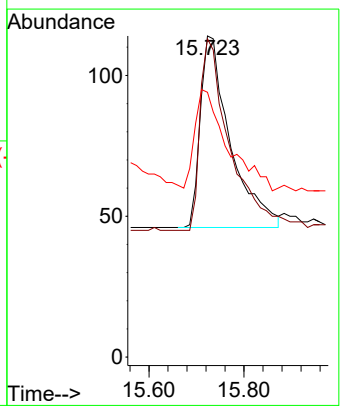


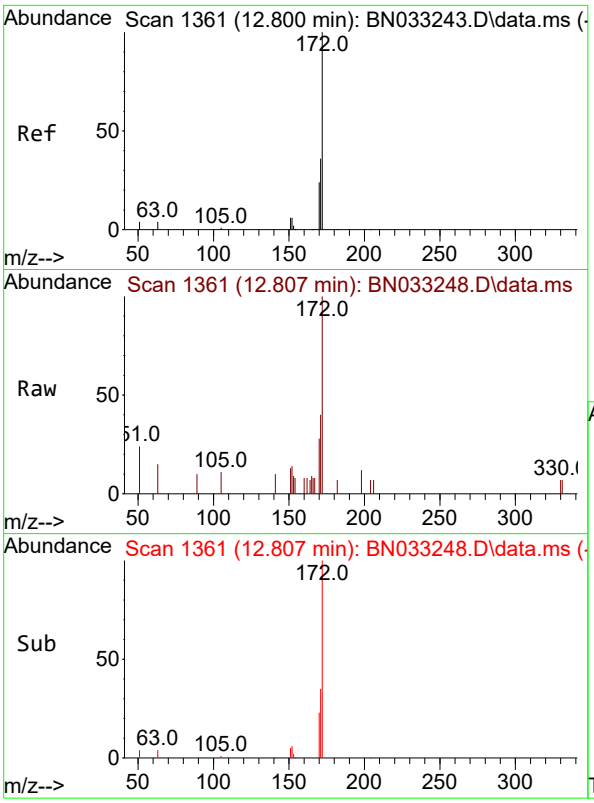


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.723 min Scan# 1631
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:330 Resp: 298

Ion	Ratio	Lower	Upper
330	100		
332	97.3	73.7	110.5
141	58.1	44.8	67.2



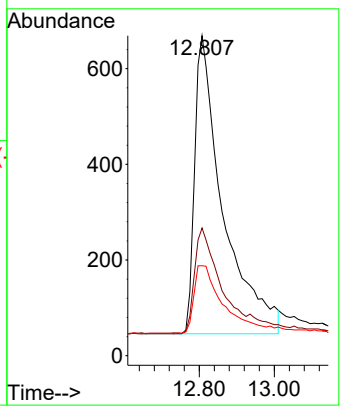


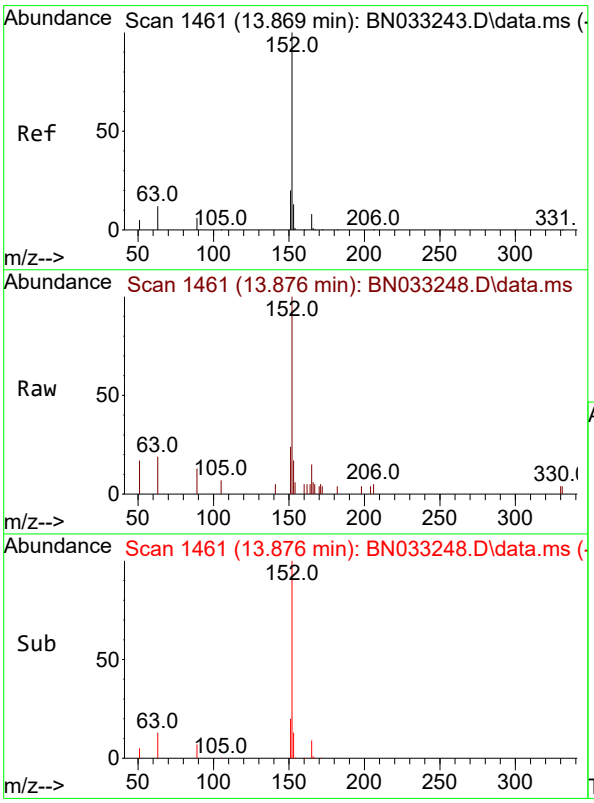
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.807 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:172 Resp: 3257

Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.3	48.5
170	28.1	23.4	35.2

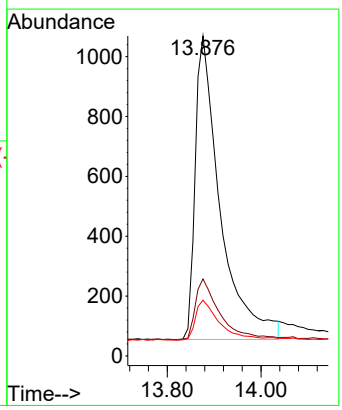


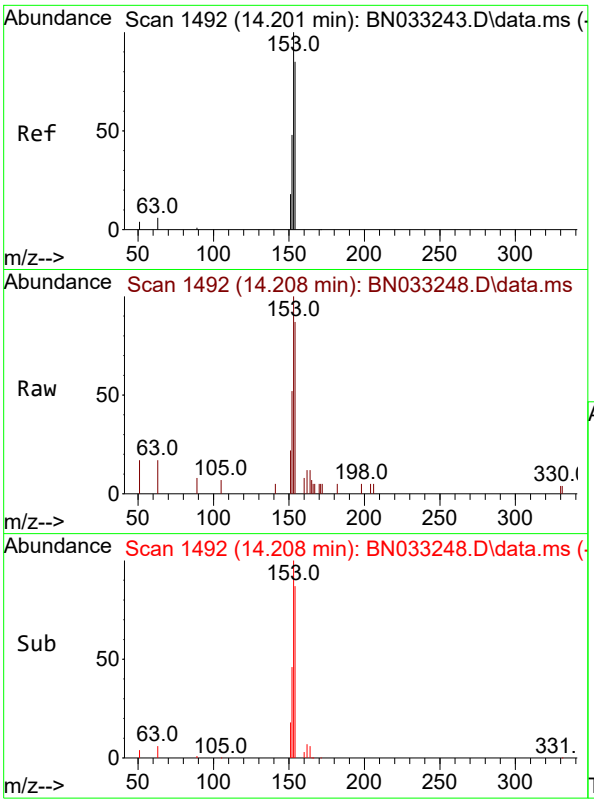


#16
Acenaphthylene
Concen: 0.388 ng
RT: 13.876 min Scan# 1461
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:152 Resp: 3755

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	12.5	10.2	15.2



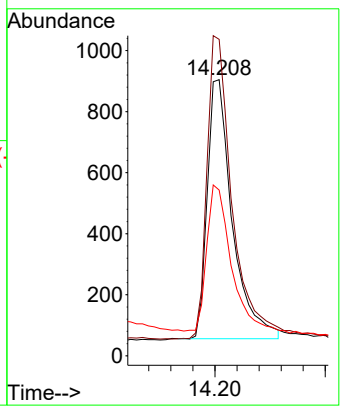


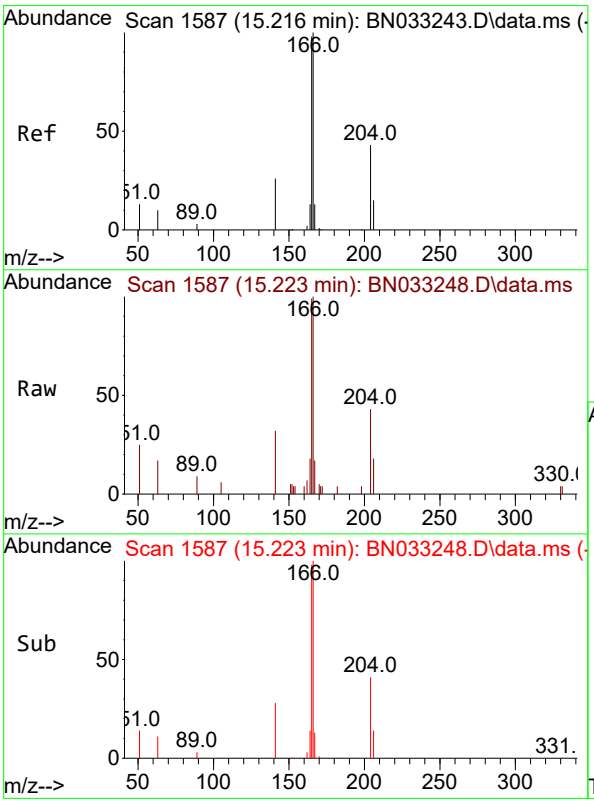
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.208 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:154 Resp: 2681

Ion	Ratio	Lower	Upper
154	100		
153	117.0	92.7	139.1
152	54.4	44.0	66.0

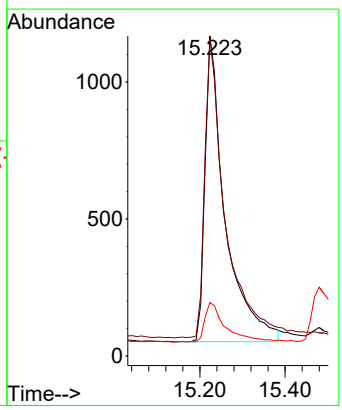


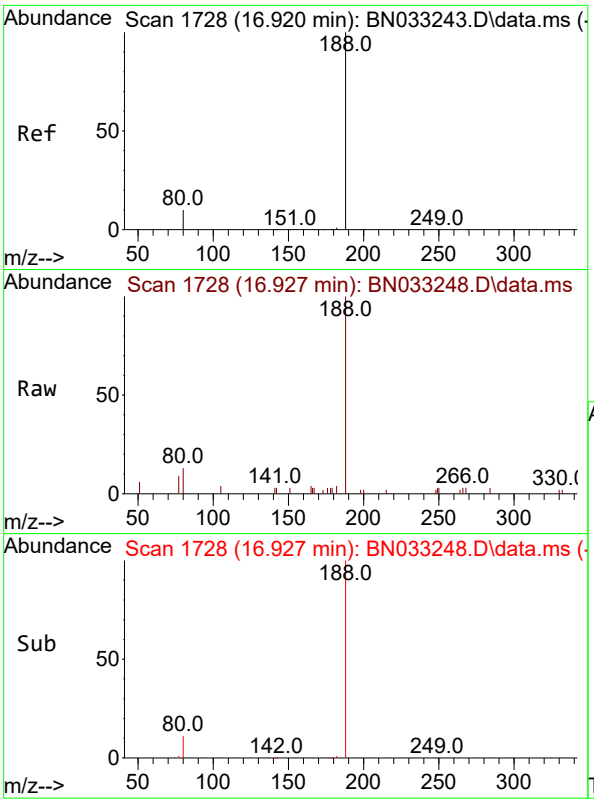


#18
Fluorene
Concen: 0.389 ng
RT: 15.223 min Scan# 1587
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:166 Resp: 3671

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.6	119.4
167	12.9	10.6	16.0



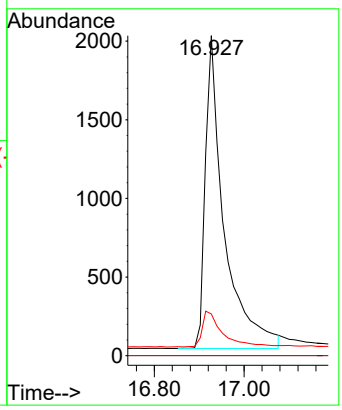


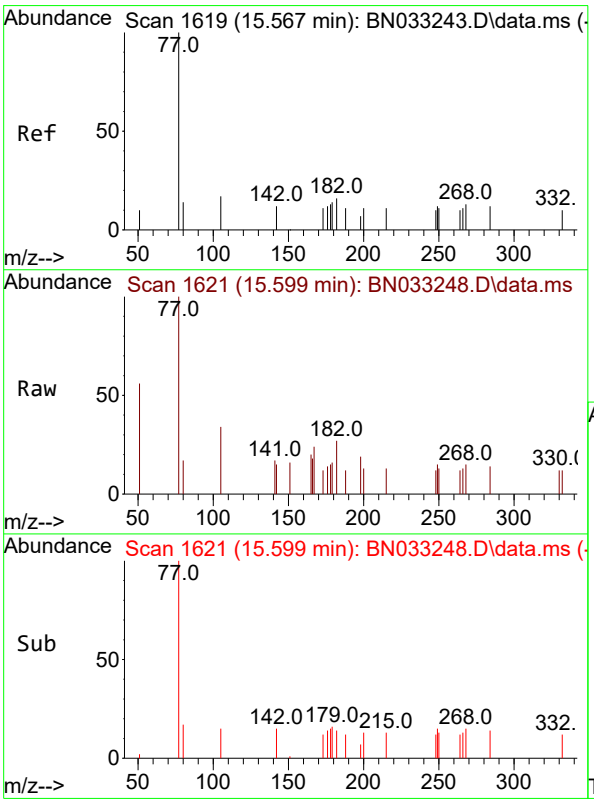
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.927 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:188 Resp: 5777

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	10.2	15.4

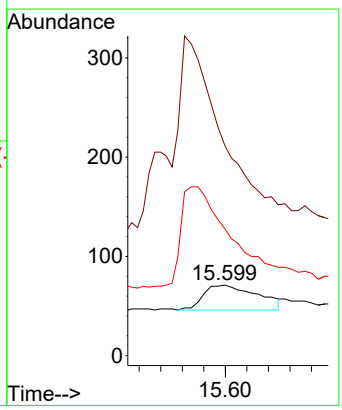


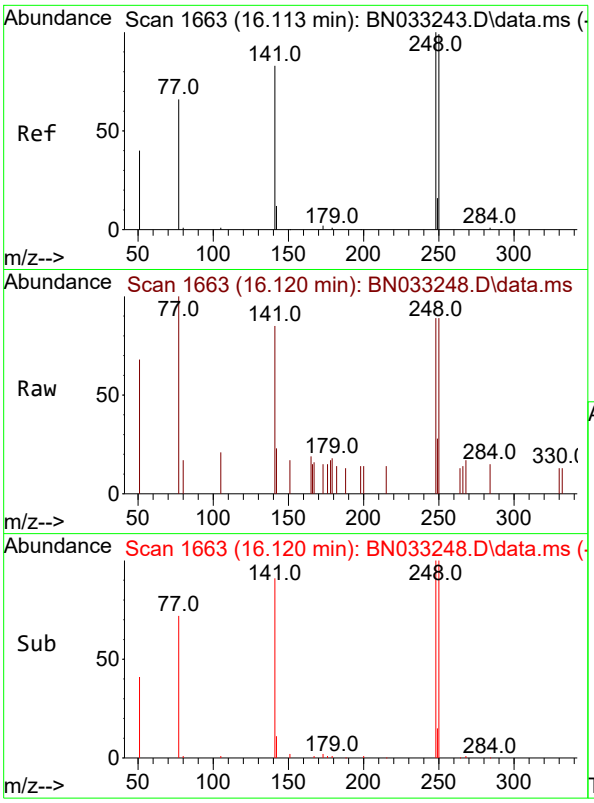


#20
4,6-Dinitro-2-methylphenol
Concen: 0.407 ng
RT: 15.599 min Scan# 1621
Delta R.T. 0.032 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:198 Resp: 174

Ion	Ratio	Lower	Upper
198	100		
51	298.6	250.6	375.8
105	180.3	152.6	229.0



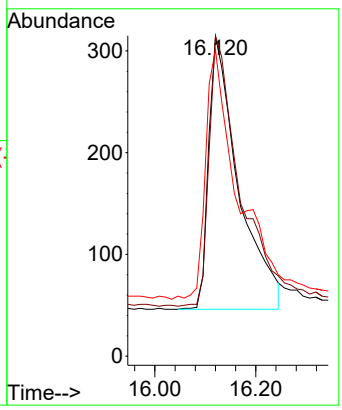


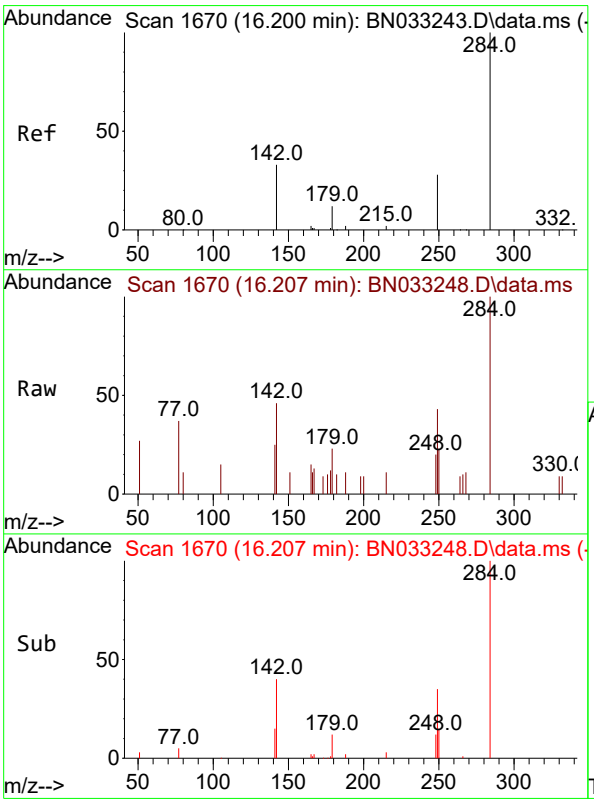
#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.120 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:248 Resp: 1097

Ion	Ratio	Lower	Upper
248	100		
250	100.3	80.0	120.0
141	95.9	71.0	106.6

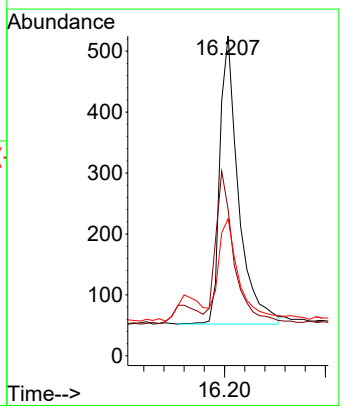


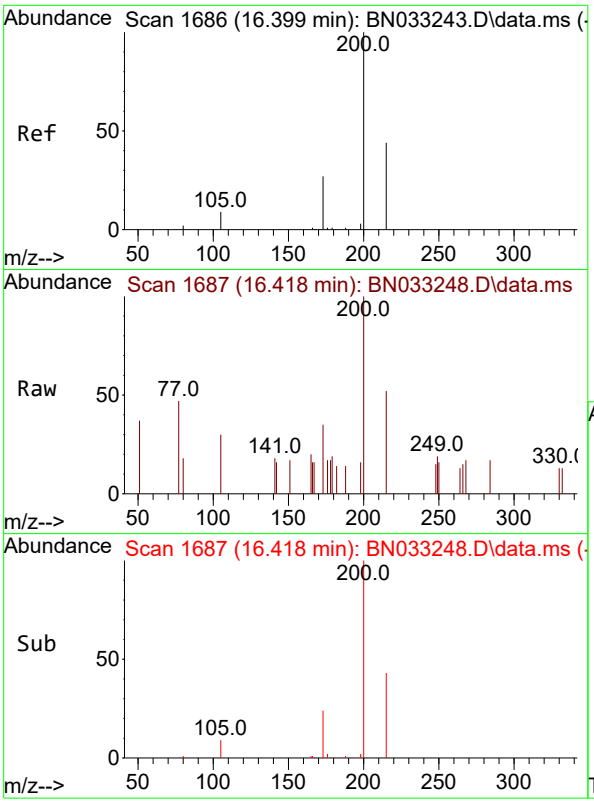


#22
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.207 min Scan# 1670
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:284 Resp: 1205

Ion	Ratio	Lower	Upper
284	100		
142	48.6	38.8	58.2
249	34.4	27.8	41.6



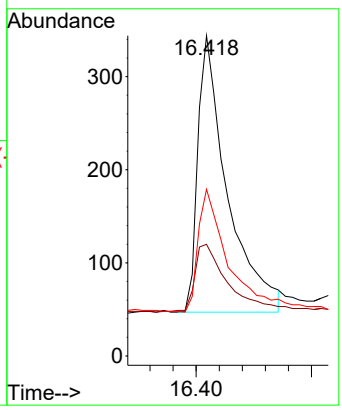


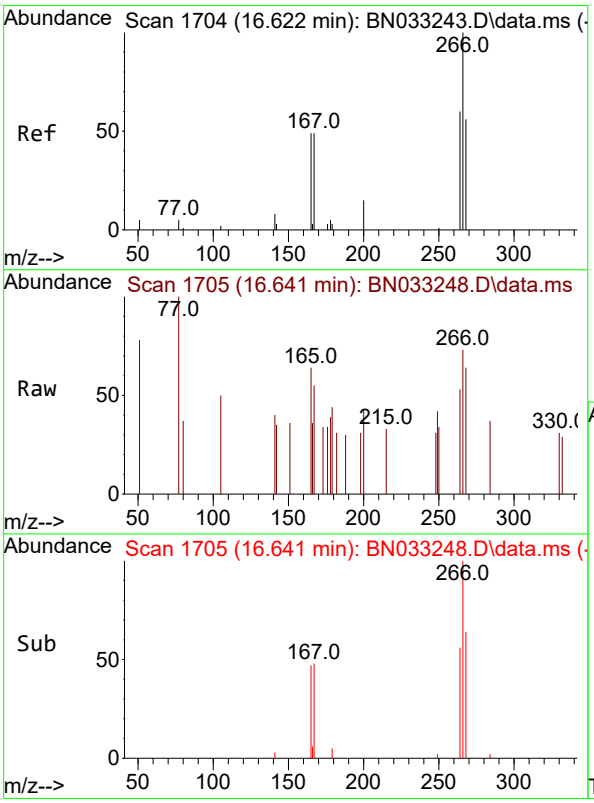
#23
Atrazine
Concen: 0.365 ng
RT: 16.418 min Scan# 1
Delta R.T. 0.019 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:200 Resp: 1055

Ion	Ratio	Lower	Upper
200	100		
173	34.9	29.2	43.8
215	52.0	41.5	62.3

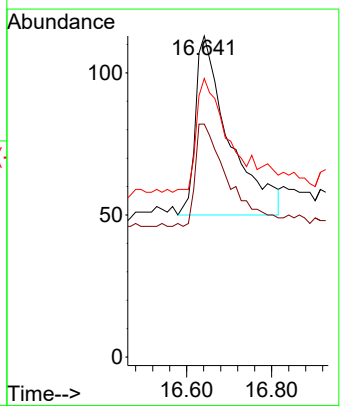


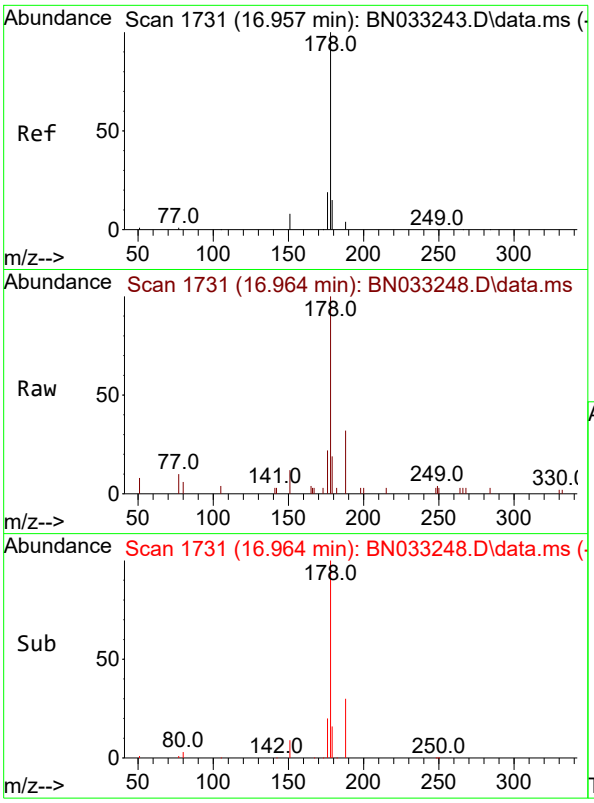


#24
Pentachlorophenol
Concen: 0.321 ng
RT: 16.641 min Scan# 1705
Delta R.T. 0.019 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:266 Resp: 344

Ion	Ratio	Lower	Upper
266	100		
264	56.4	49.3	73.9
268	67.4	50.2	75.2



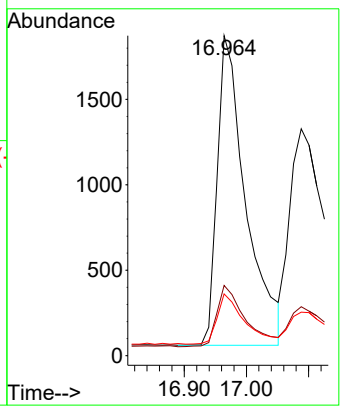


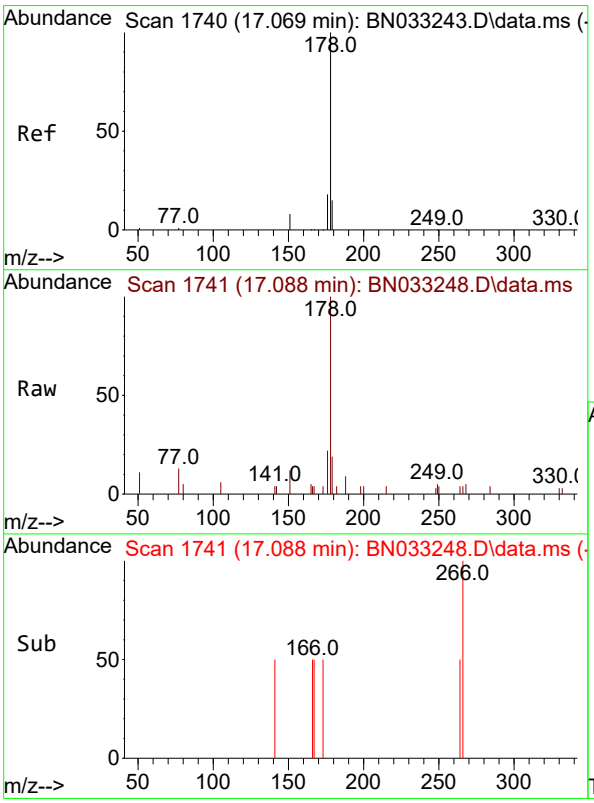
#25
Phenanthrene
Concen: 0.371 ng
RT: 16.964 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:178 Resp: 5770

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.6	12.4	18.6

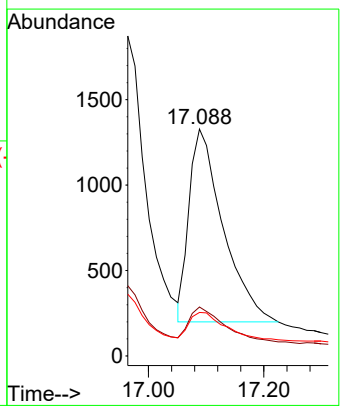


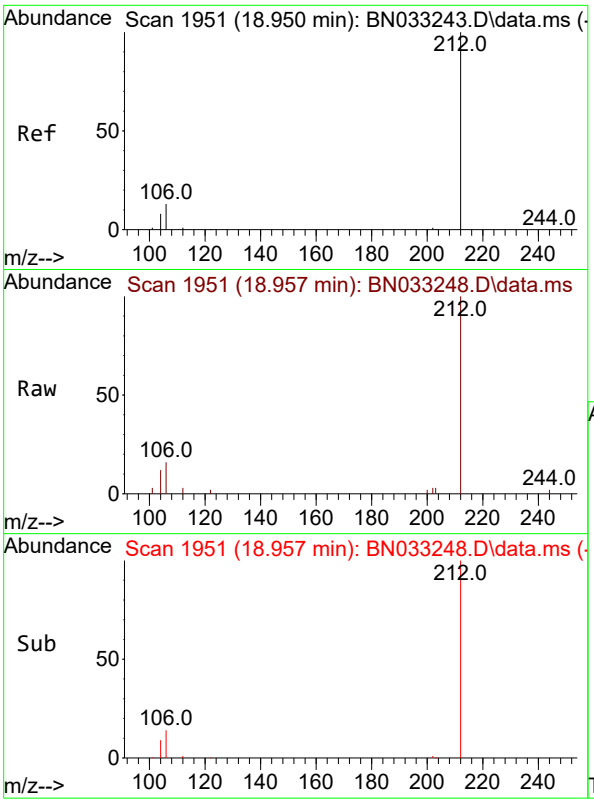


#26
Anthracene
Concen: 0.354 ng
RT: 17.088 min Scan# 1741
Delta R.T. 0.019 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:178 Resp: 4615

Ion	Ratio	Lower	Upper
178	100		
176	18.3	10.5	15.7#
179	14.8	8.6	12.8#



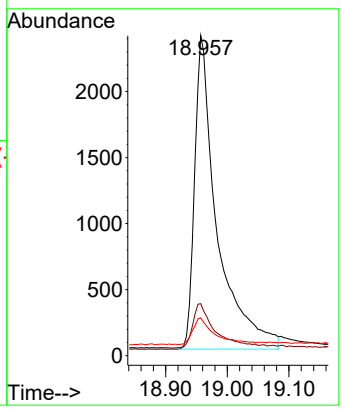


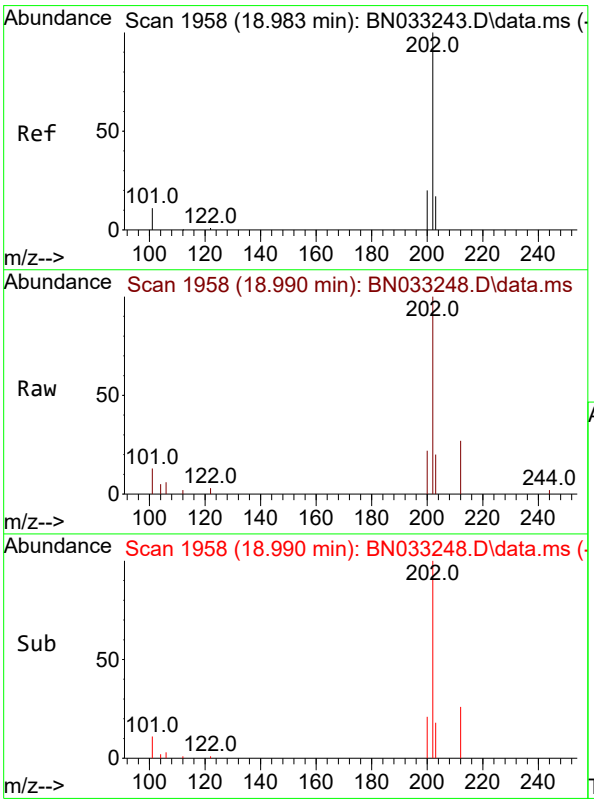
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 18.957 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:212 Resp: 6014

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.4	17.0
104	8.2	7.1	10.7

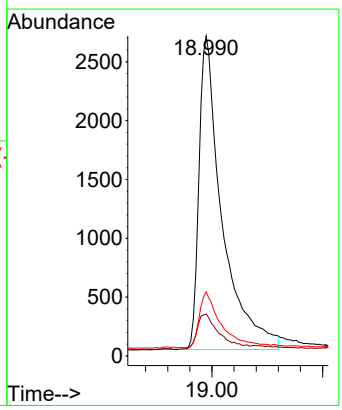


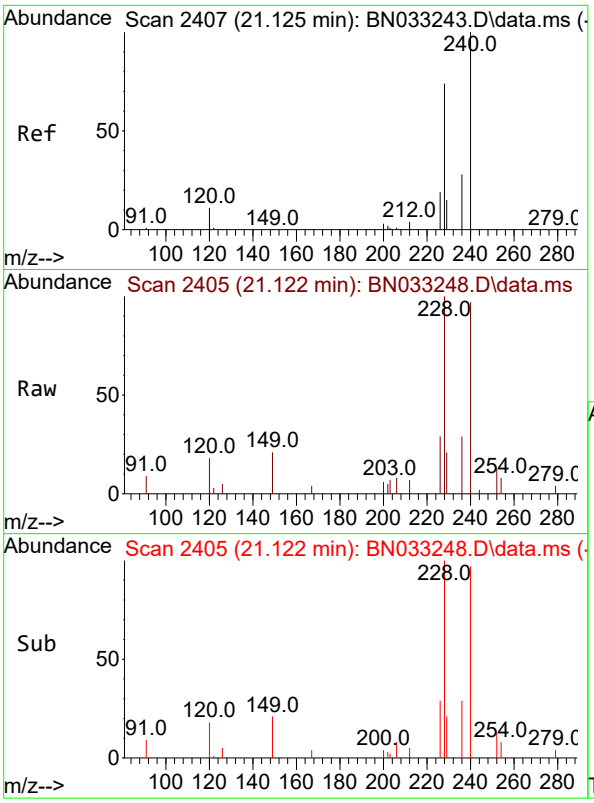


#28
Fluoranthene
Concen: 0.362 ng
RT: 18.990 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:202 Resp: 7717

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
203	17.1	13.8	20.8



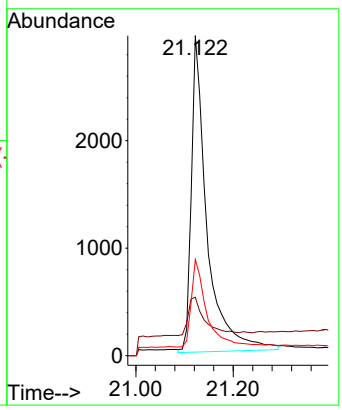


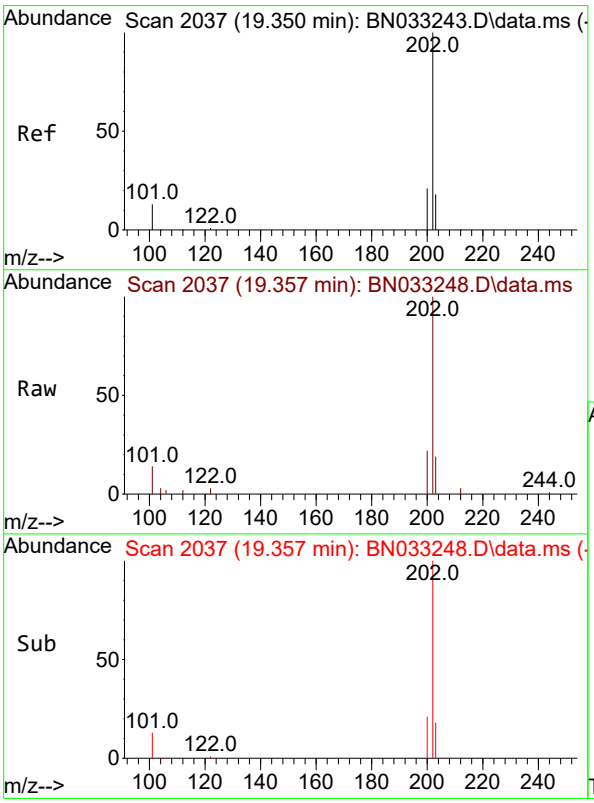
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.122 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:240 Resp: 6570

Ion	Ratio	Lower	Upper
240	100		
120	18.2	13.3	19.9
236	30.0	23.8	35.6

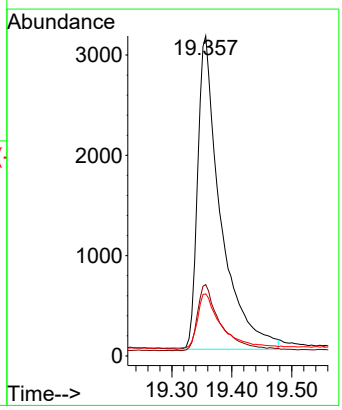


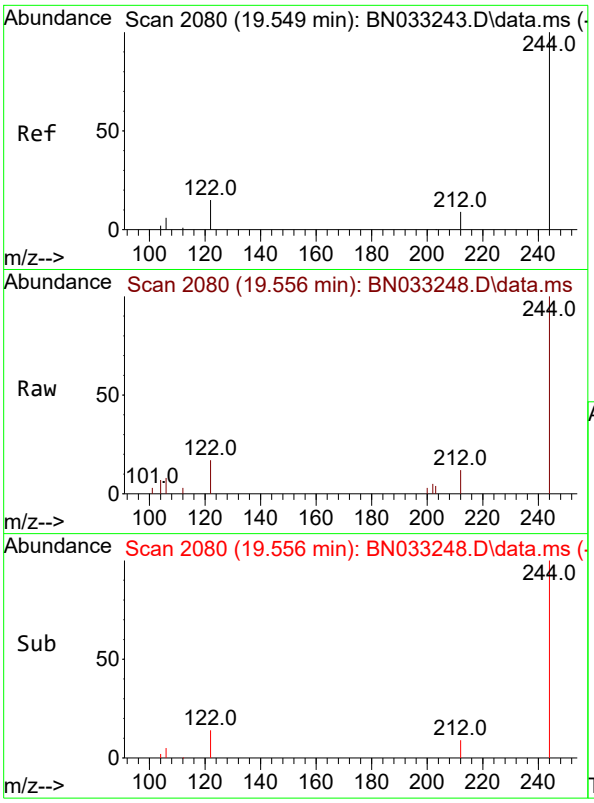


#30
Pyrene
Concen: 0.360 ng
RT: 19.357 min Scan# 2037
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:202 Resp: 8277

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.8	14.4	21.6



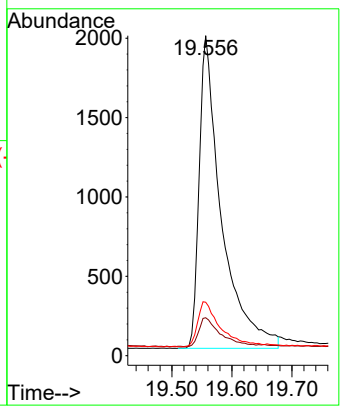


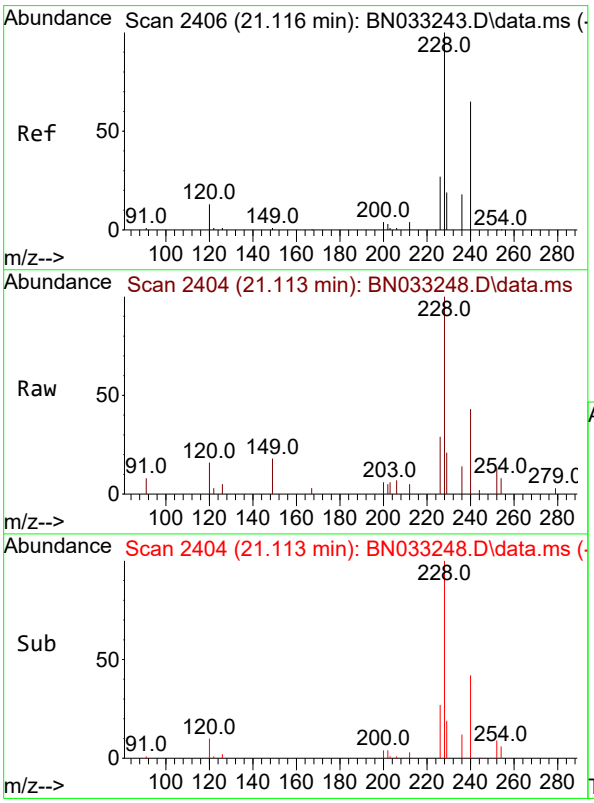
#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.556 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:244 Resp: 5063

Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.9	14.9
122	16.7	14.1	21.1

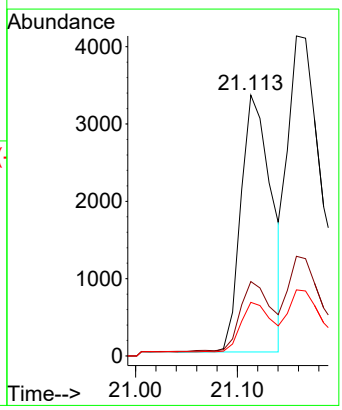


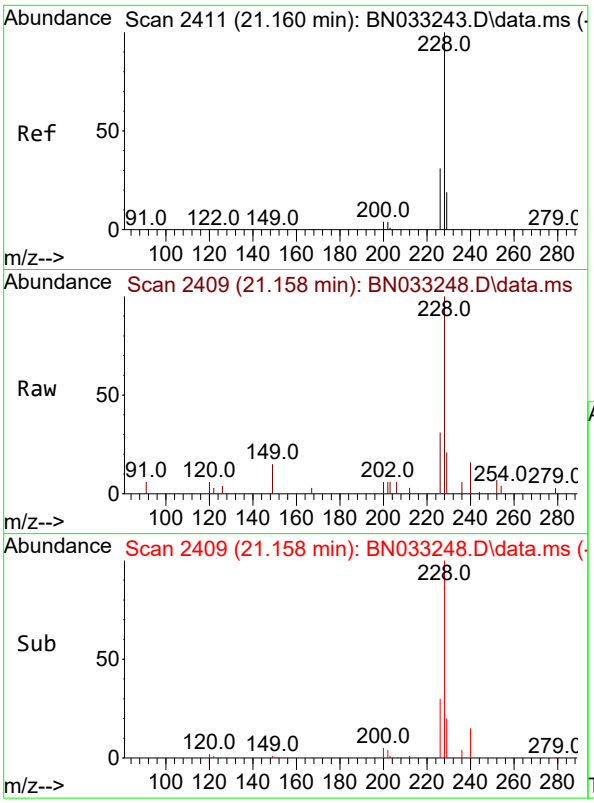


#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.113 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:228 Resp: 6924

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.5	16.6	25.0



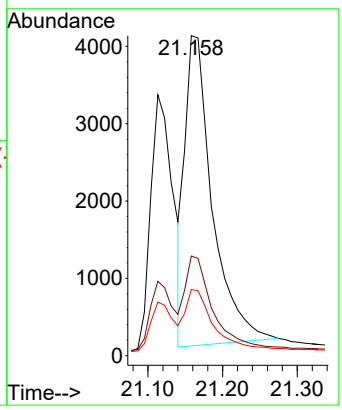


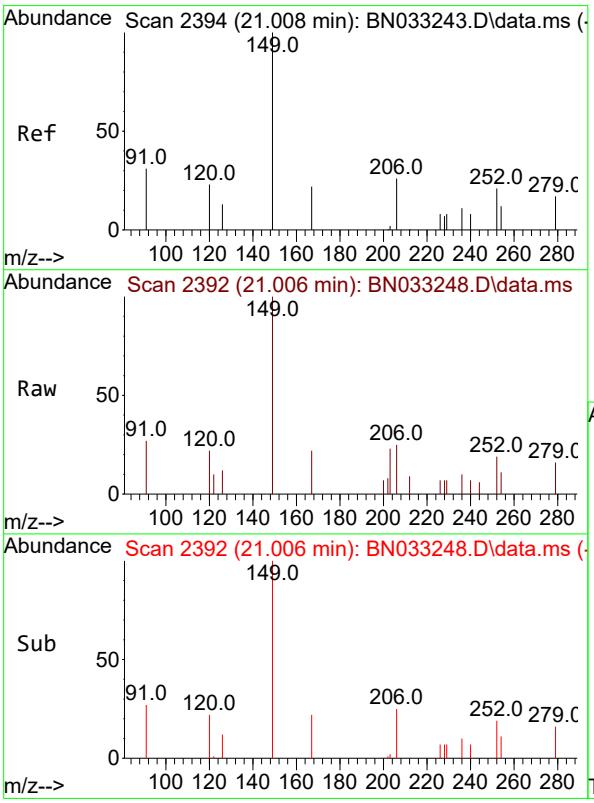
#33
Chrysene
Concen: 0.403 ng
RT: 21.158 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:228 Resp: 10233

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.1	37.7
229	20.7	16.2	24.2

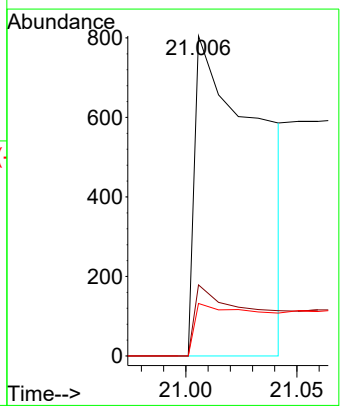


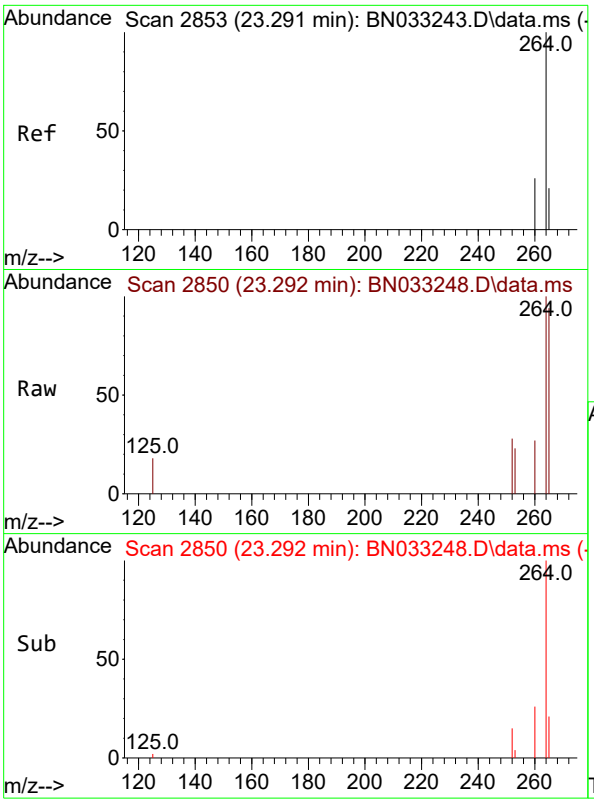


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.322 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:149 Resp: 1465

Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.8	29.6
279	18.0	8.2	12.4#



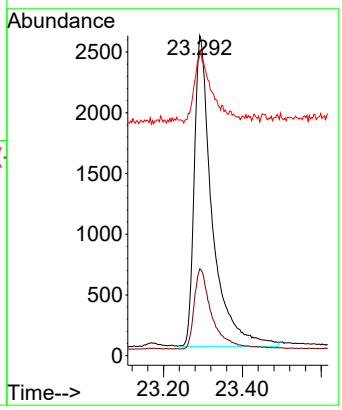


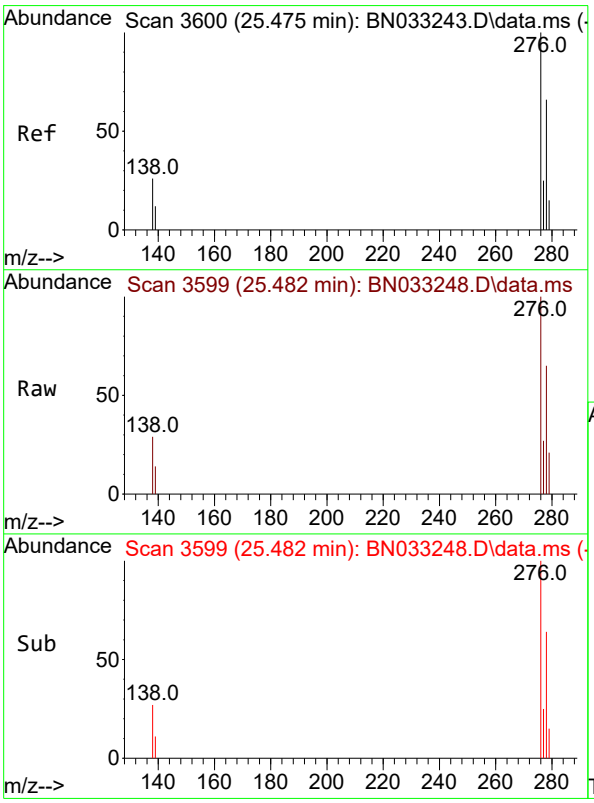
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.292 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:264 Resp: 8080

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.4	32.2
265	93.7	66.6	99.8

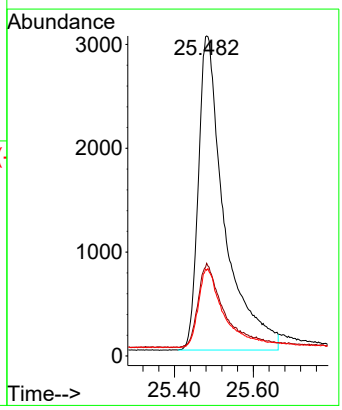


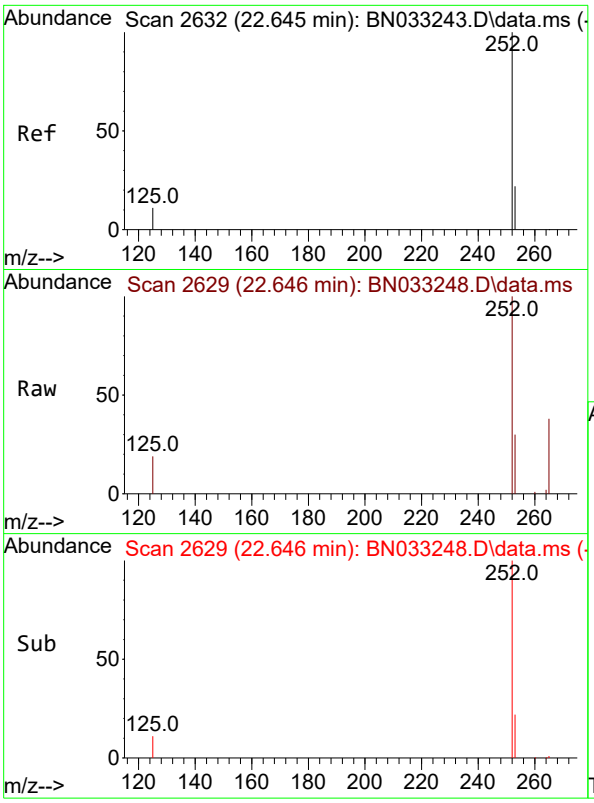


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 25.482 min Scan# 3599
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:276 Resp: 13869

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.4	30.6
277	24.6	19.9	29.9



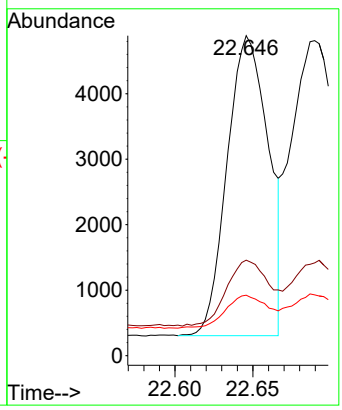


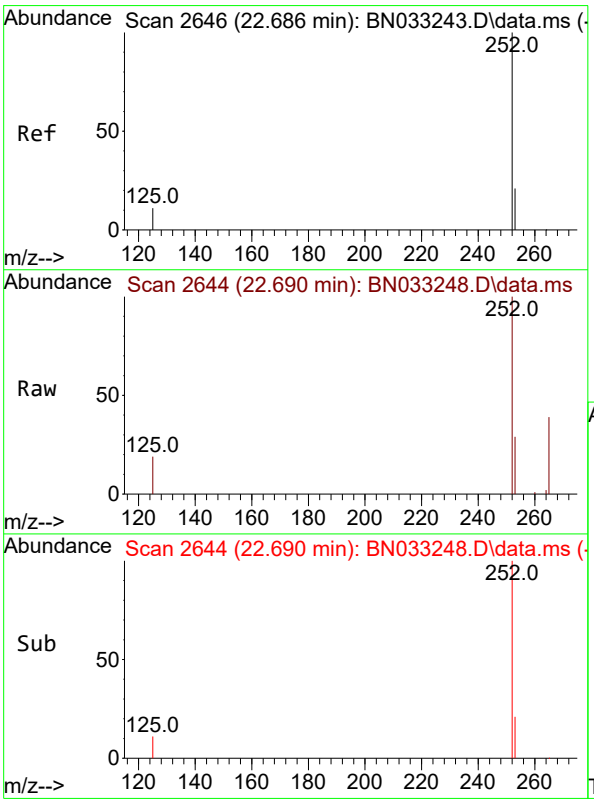
#37
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.646 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:252 Resp: 8428

Ion	Ratio	Lower	Upper
252	100		
253	29.8	23.3	34.9
125	18.9	14.6	22.0

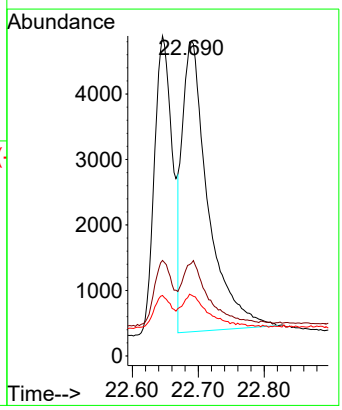


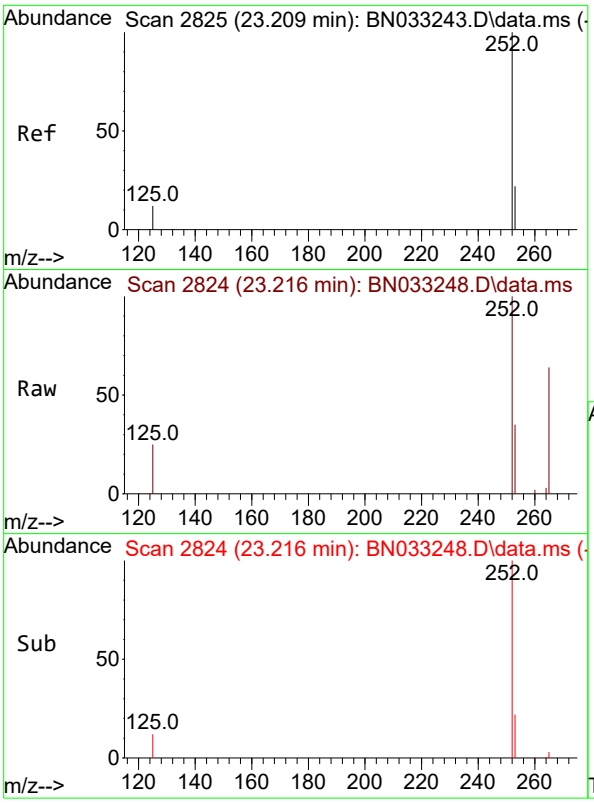


#38
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.690 min Scan# 2644
Delta R.T. 0.004 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:252 Resp: 12069

Ion	Ratio	Lower	Upper
252	100		
253	29.5	23.7	35.5
125	19.3	15.4	23.0



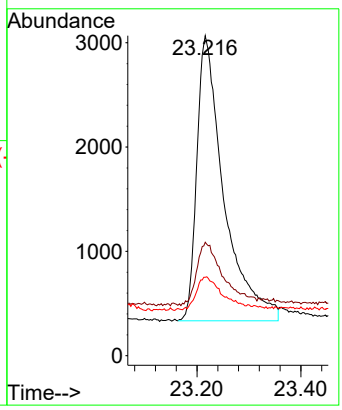


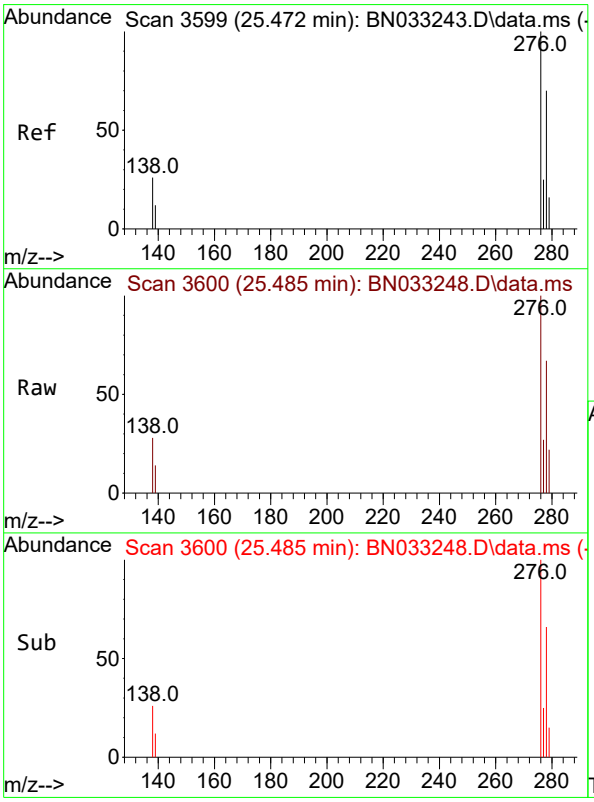
#39
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.216 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:252 Resp: 9866

Ion	Ratio	Lower	Upper
252	100		
253	35.5	28.4	42.6
125	24.5	20.1	30.1

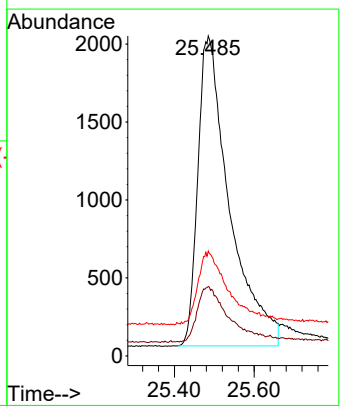


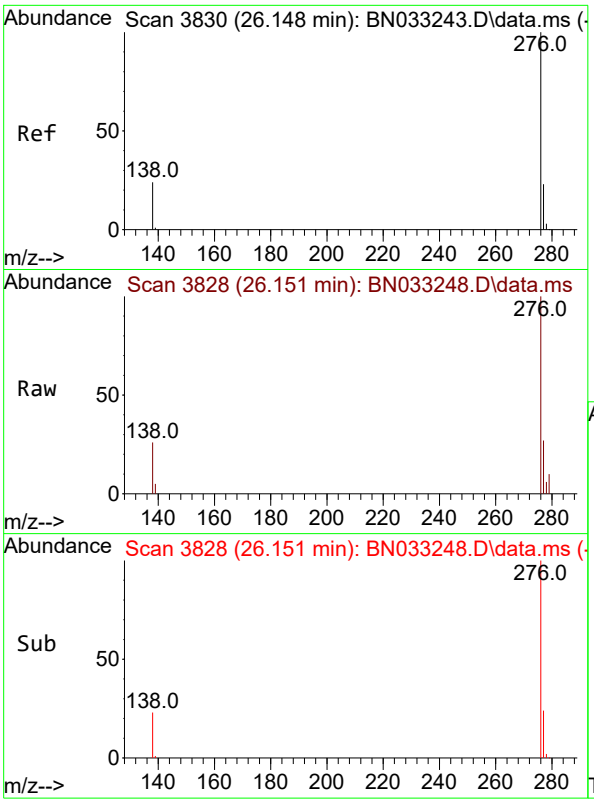


#40
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 25.485 min Scan# 3600
Delta R.T. 0.013 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Tgt Ion:278 Resp: 10928

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.7	25.1
279	32.8	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.350 ng
RT: 26.151 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN033248.D
Acq: 05 Aug 2024 22:58

Instrument :
BNA_N
ClientSampleId :
ICVBN080524

Tgt Ion:276 Resp: 11569

Ion	Ratio	Lower	Upper
276	100		
277	26.7	21.0	31.4
138	26.2	21.4	32.0