Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033457.D
Acq On : 17 Aug 2024 07:51
Operator : MA/JU
Sample : P3580-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Quant Time: Aug 17 23:20:24 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	7251	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	19741	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	9676	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19923	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	17701	0.400	ng	0.00
35) Perylene-d12	23.323	264	18013	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.190	112	4872	0.243	ng	0.00
5) Phenol-d6	6.743	99	6011	0.222	ng	0.00
8) Nitrobenzene-d5	8.691	82	3366	0.226	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	5749	0.189	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	961	0.194	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	7877	0.199	ng	-0.01
27) Fluoranthene-d10	18.984	212	8809	0.165	ng	0.00
31) Terphenyl-d14	19.597	244	5547	0.166	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.407	42	5536	0.533	ng	# 1
9) Naphthalene	10.368	128	2232	0.041	ng	# 89
12) 2-Methylnaphthalene	11.994	142	2684	0.073	ng	# 96
16) Acenaphthylene	13.911	152	3407	0.075	ng	# 90
17) Acenaphthene	14.253	154	1547	0.050	ng	94
18) Fluorene	15.247	166	2277	0.056	ng	89
25) Phenanthrene	16.979	178	25684	0.446	ng	99
26) Anthracene	17.078	178	5136	0.101	ng	# 94
28) Fluoranthene	19.017	202	71130	1.004	ng	100
30) Pyrene	19.379	202	66083	0.938	ng	# 94
32) Benzo(a)anthracene	21.130	228	32680	0.494	ng	97
33) Chrysene	21.184	228	36124	0.543	ng	97
34) Bis(2-ethylhexyl)phtha...	21.103	149	17906	0.596	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.478	276	22612	0.304	ng	94
37) Benzo(b)fluoranthene	22.677	252	49206	0.726	ng	# 94
38) Benzo(k)fluoranthene	22.677	252	49206	0.711	ng	# 94
39) Benzo(a)pyrene	23.227	252	32061	0.562	ng	# 93
40) Dibenzo(a,h)anthracene	25.493	278	5218	0.089	ng	# 66
41) Benzo(g,h,i)perylene	26.136	276	23020	0.353	ng	98

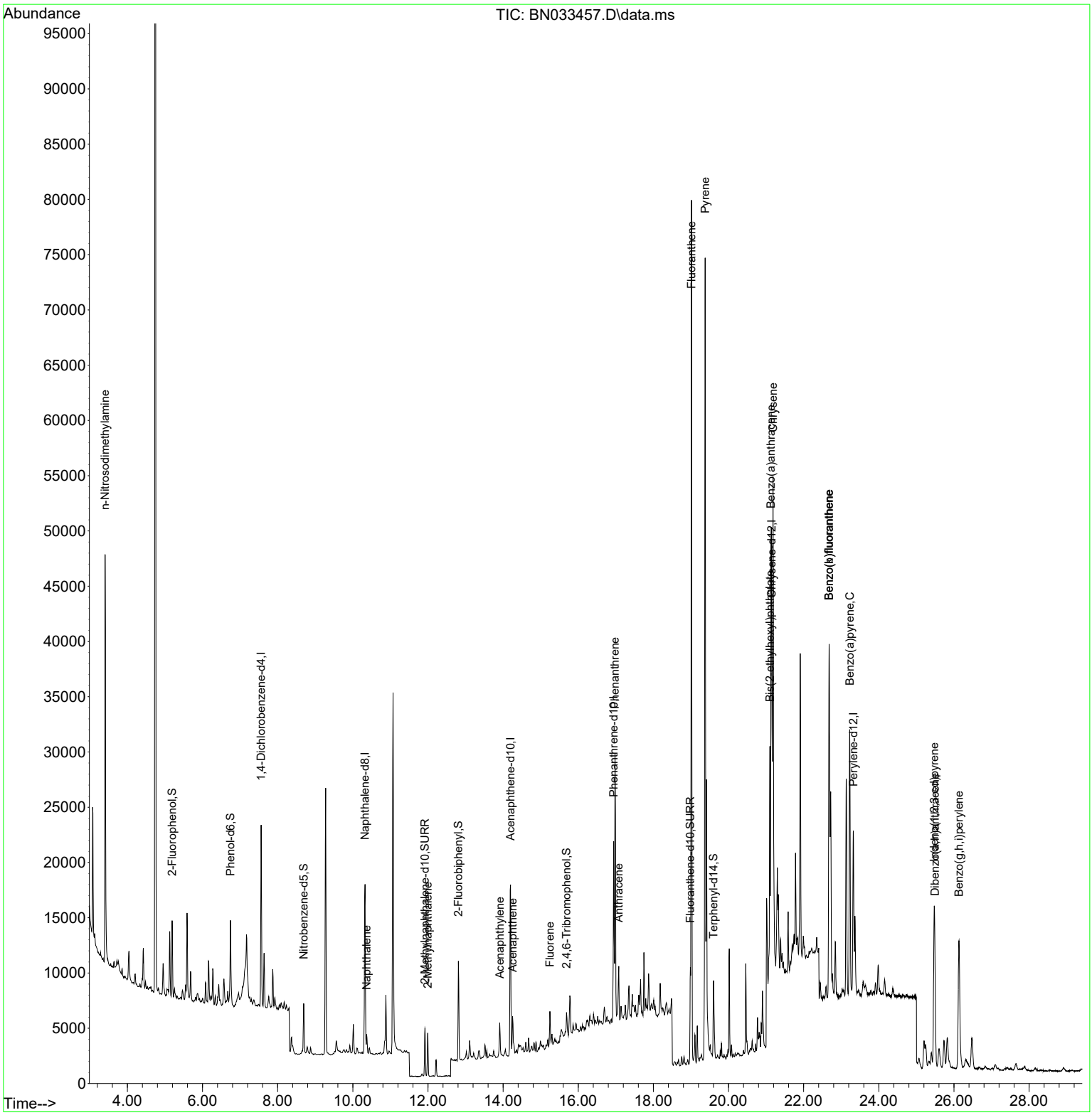
(#) = qualifier out of range (m) = manual integration (+) = signals summed

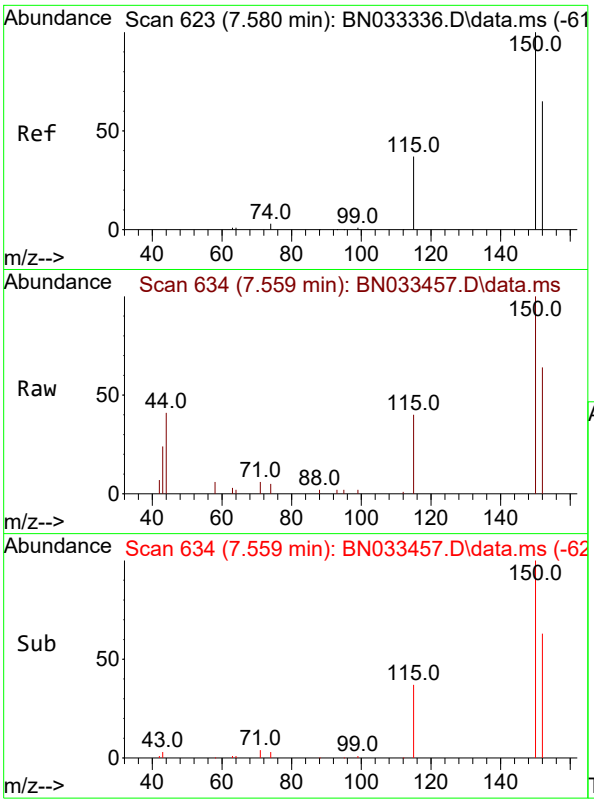
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033457.D
Acq On : 17 Aug 2024 07:51
Operator : MA/JU
Sample : P3580-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Quant Time: Aug 17 23:20:24 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



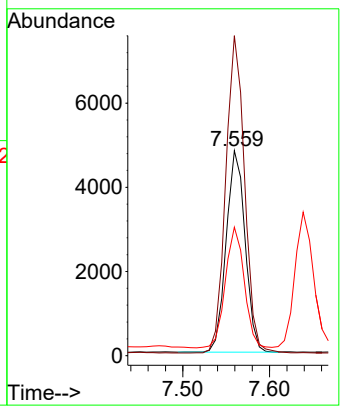


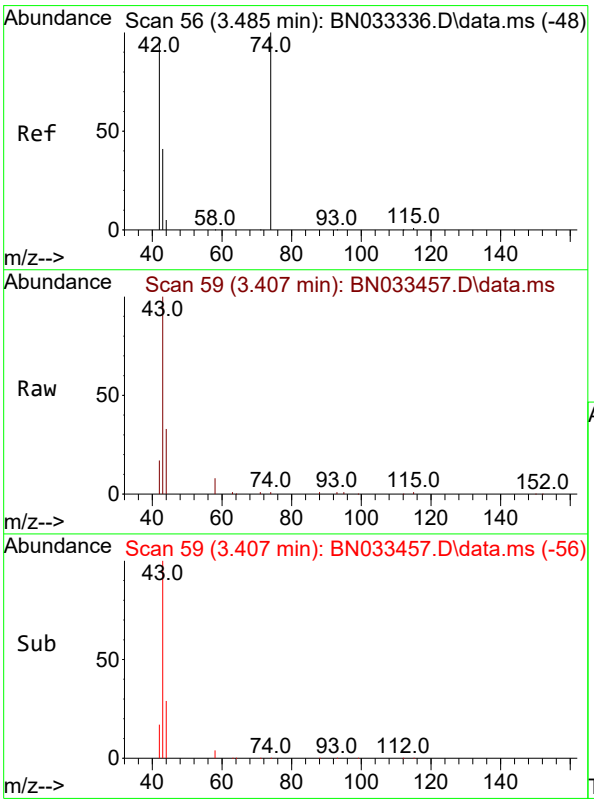
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:152 Resp: 7251

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.3	183.5
115	62.7	48.8	73.2

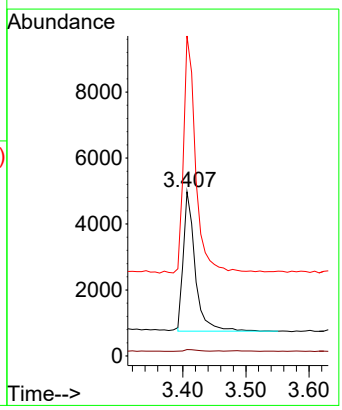


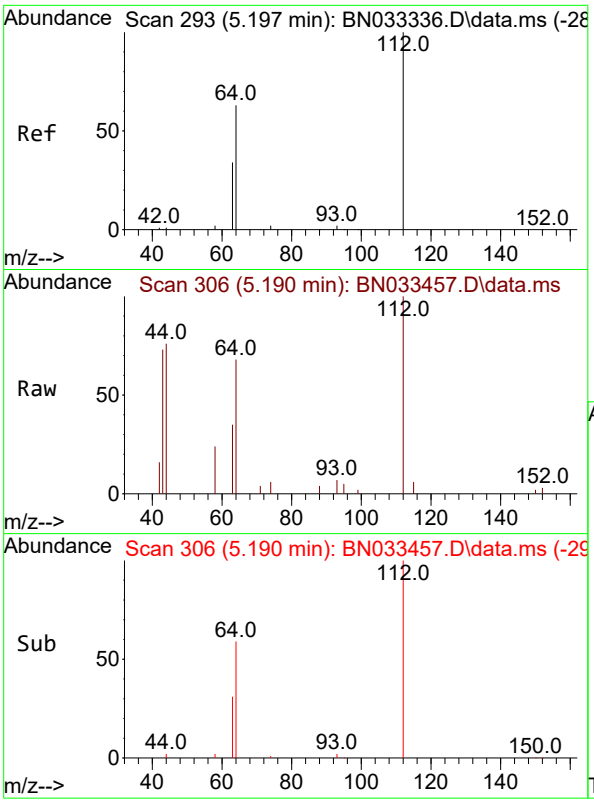


#3
n-Nitrosodimethylamine
Concen: 0.533 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.079 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion: 42 Resp: 5536

Ion	Ratio	Lower	Upper
42	100		
74	1.1	89.0	133.6#
44	167.5	11.0	16.4#



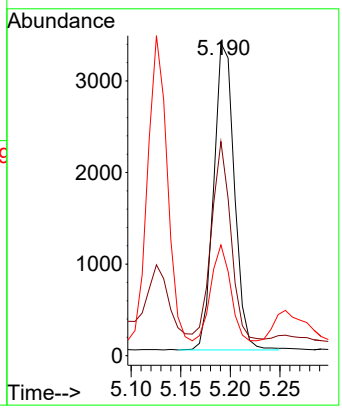


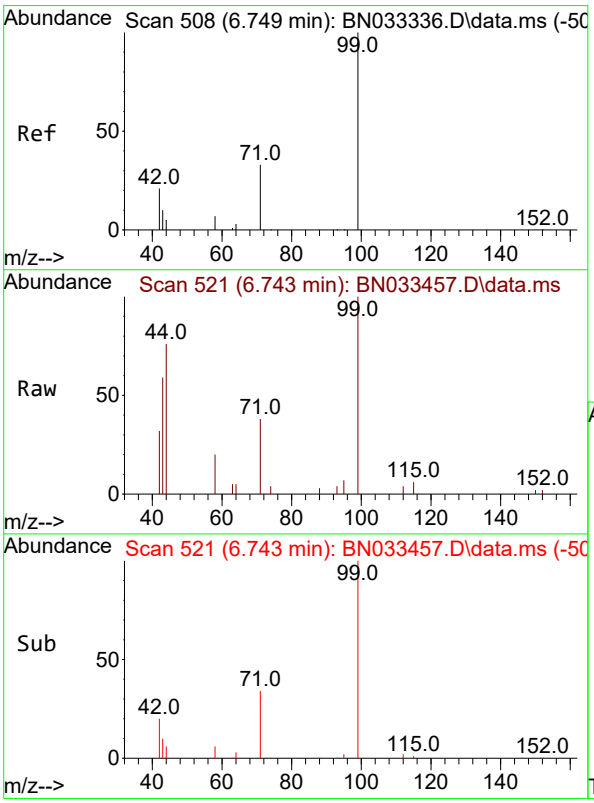
#4
2-Fluorophenol
Concen: 0.243 ng
RT: 5.190 min Scan# 3(
Delta R.T. -0.007 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:112 Resp: 4872

Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.1	72.1
63	29.1	25.4	38.2

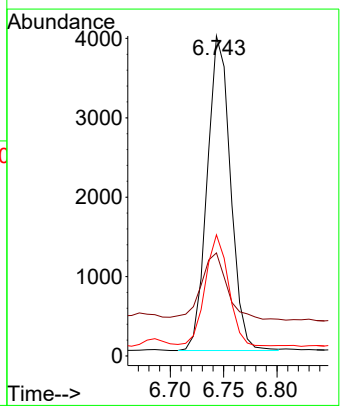


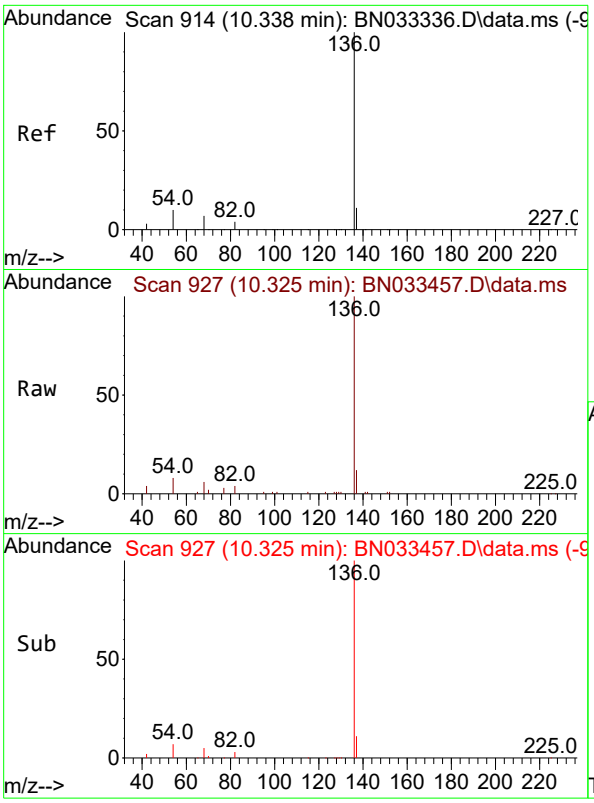


#5
Phenol-d6
Concen: 0.222 ng
RT: 6.743 min Scan# 521
Delta R.T. -0.007 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion: 99 Resp: 6011

Ion	Ratio	Lower	Upper
99	100		
42	24.2	18.5	27.7
71	35.4	26.2	39.2



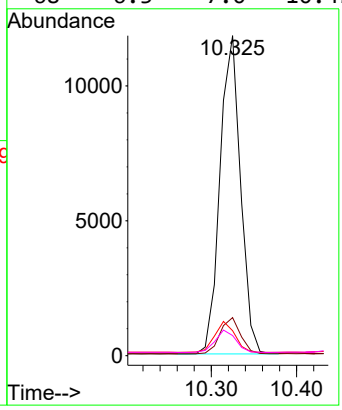


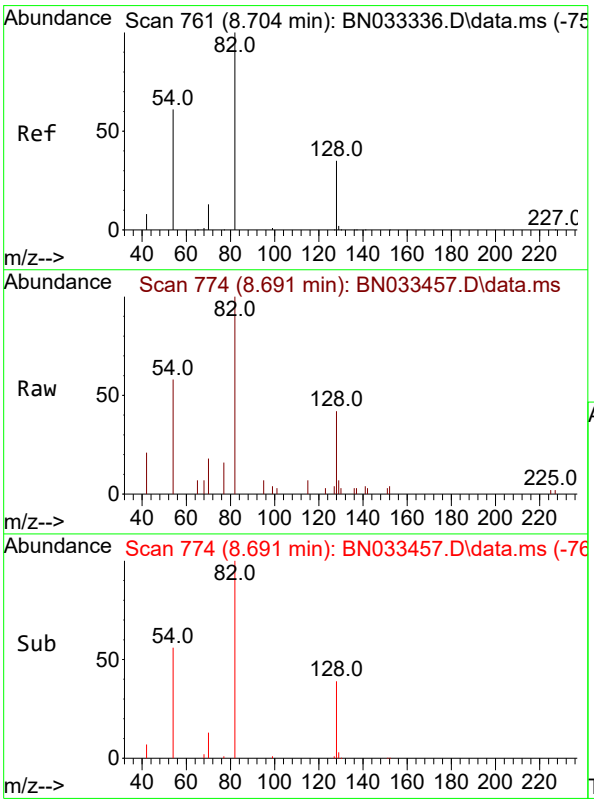
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:136 Resp: 19741

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	7.8	9.4	14.0#
68	6.3	7.0	10.4#

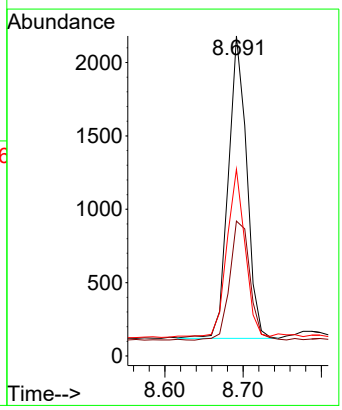


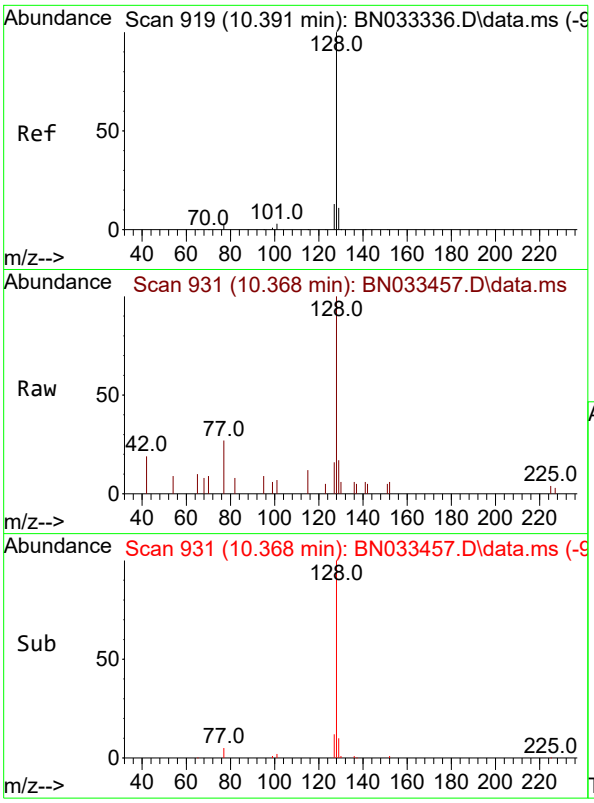


#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion: 82 Resp: 3366

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.0	43.4
54	58.4	50.2	75.4



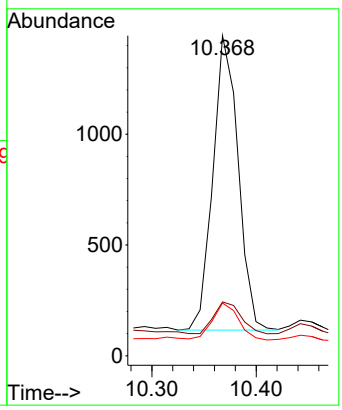


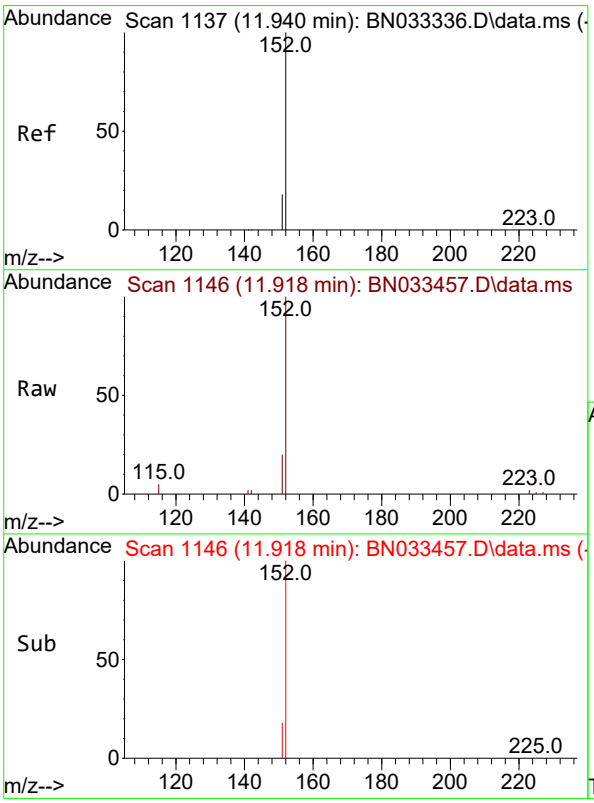
#9
Naphthalene
Concen: 0.041 ng
RT: 10.368 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:128 Resp: 2232

Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.2	13.8#
127	16.5	10.6	15.8#

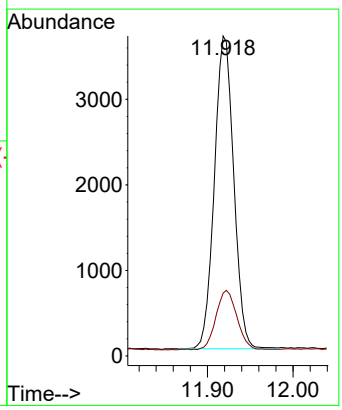


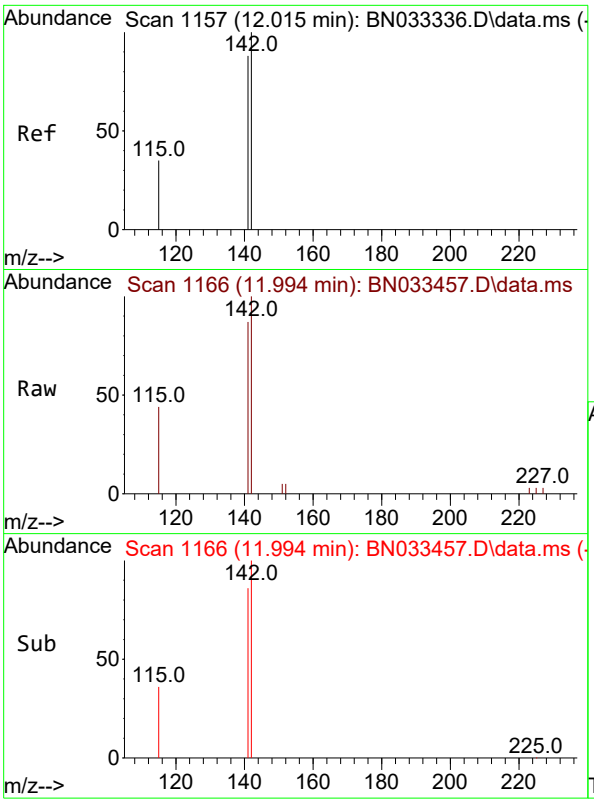


#11
2-Methylnaphthalene-d10
Concen: 0.189 ng
RT: 11.918 min Scan# 1146
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:152 Resp: 5749

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1



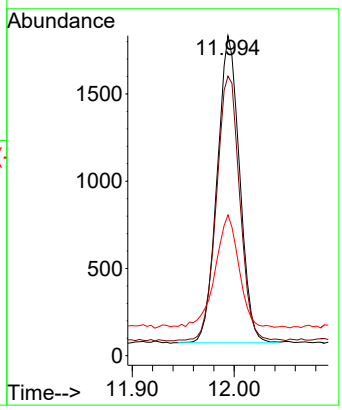


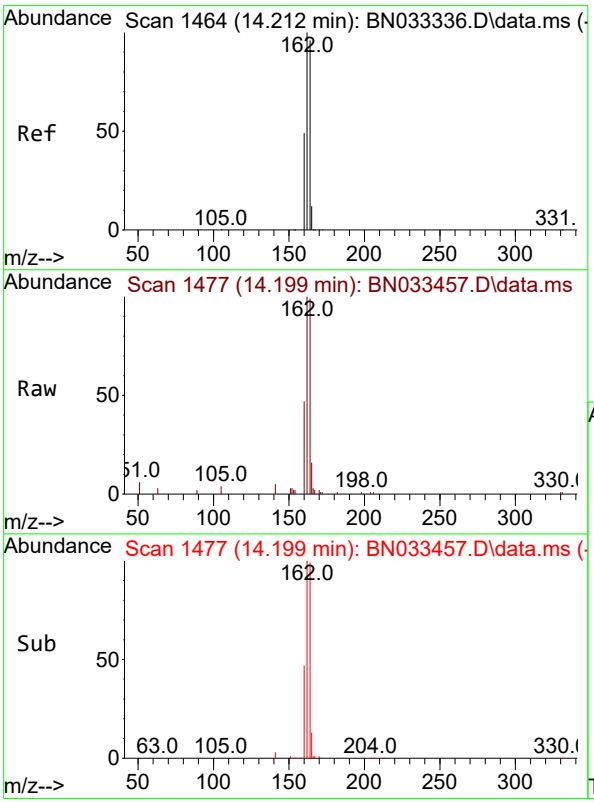
#12
2-Methylnaphthalene
Concen: 0.073 ng
RT: 11.994 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:142 Resp: 2684

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.2	105.4
115	44.0	29.3	43.9#

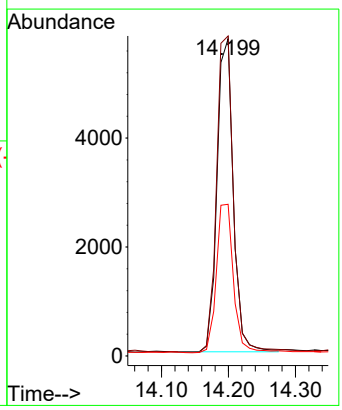


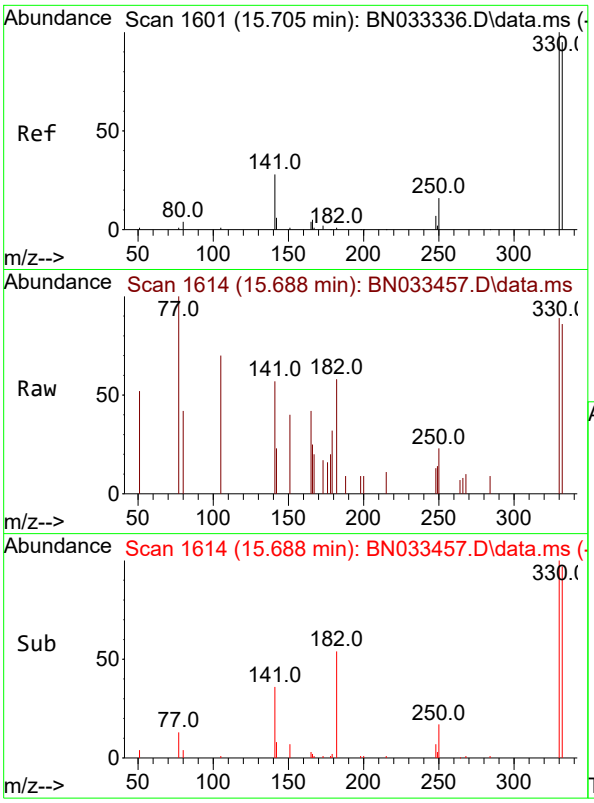


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:164 Resp: 9676

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.1	124.7
160	47.8	41.1	61.7



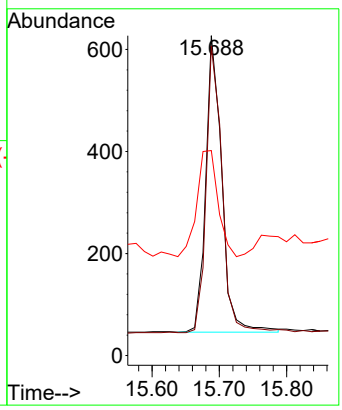


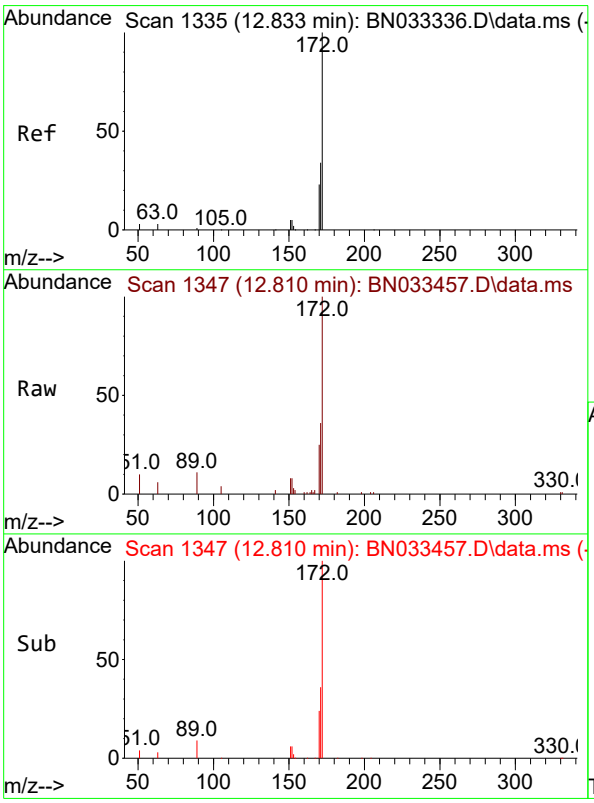
#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:330 Resp: 961

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	47.1	33.4	50.0

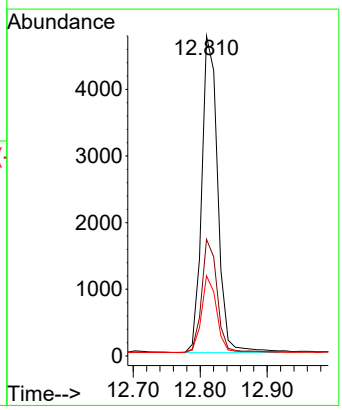


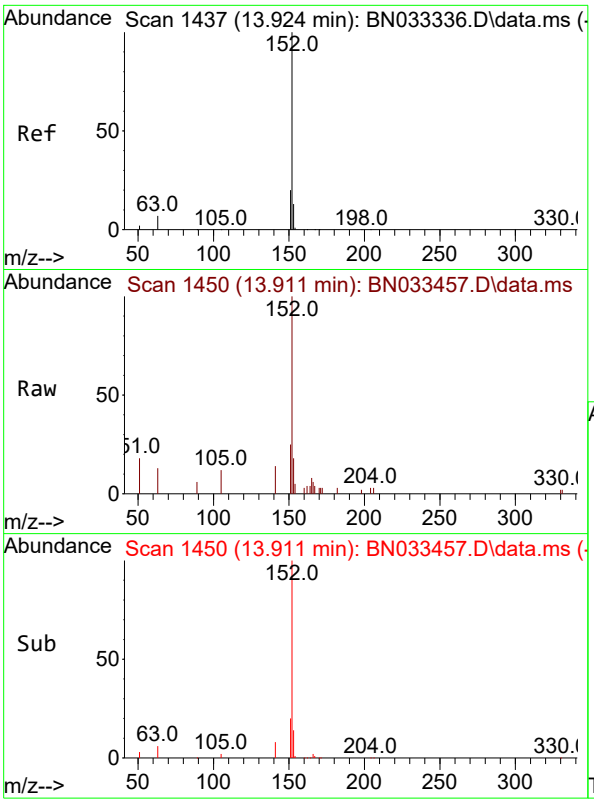


#15
2-Fluorobiphenyl
Concen: 0.199 ng
RT: 12.810 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:172 Resp: 7877

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.8
170	25.0	18.7	28.1



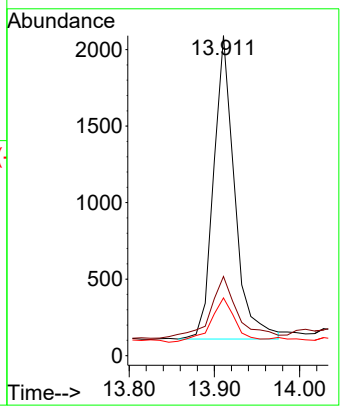


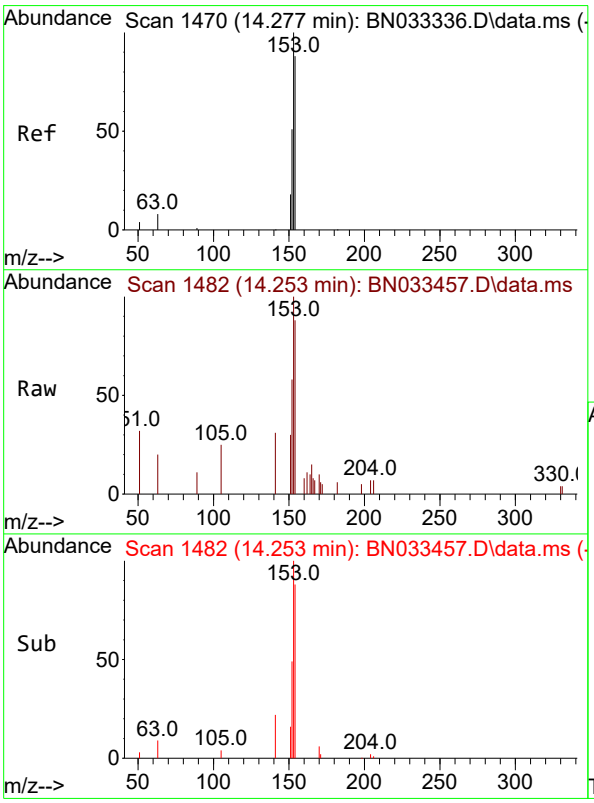
#16
Acenaphthylene
Concen: 0.075 ng
RT: 13.911 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:152 Resp: 3407

Ion	Ratio	Lower	Upper
152	100		
151	23.6	15.7	23.5#
153	17.4	10.4	15.6#

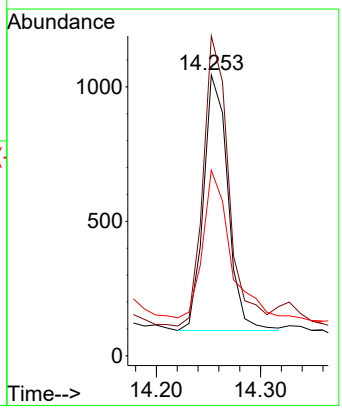


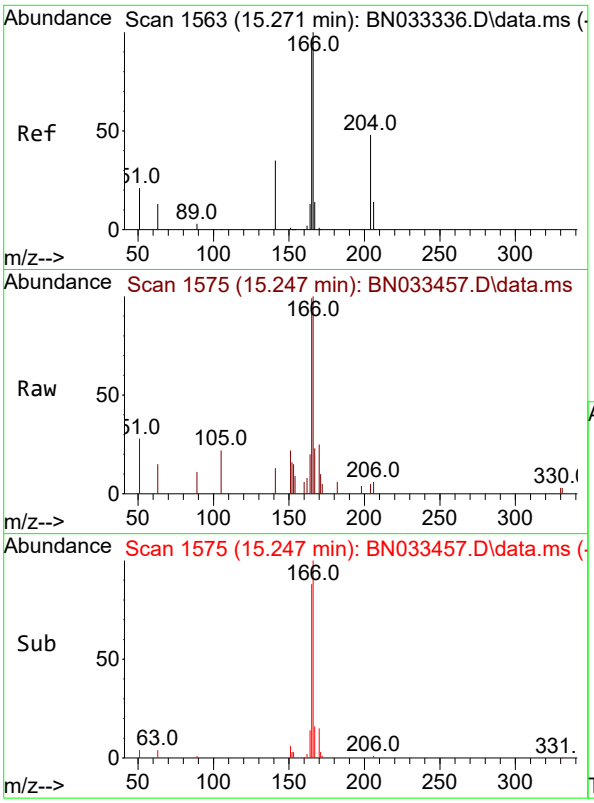


#17
Acenaphthene
Concen: 0.050 ng
RT: 14.253 min Scan# 1482
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:154 Resp: 1547

Ion	Ratio	Lower	Upper
154	100		
153	118.9	89.7	134.5
152	64.0	47.2	70.8



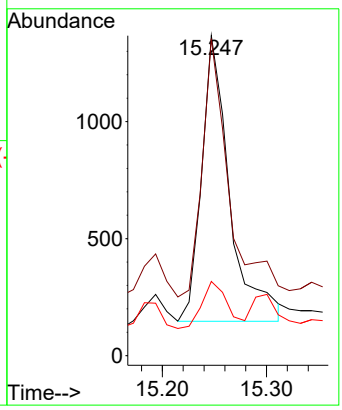


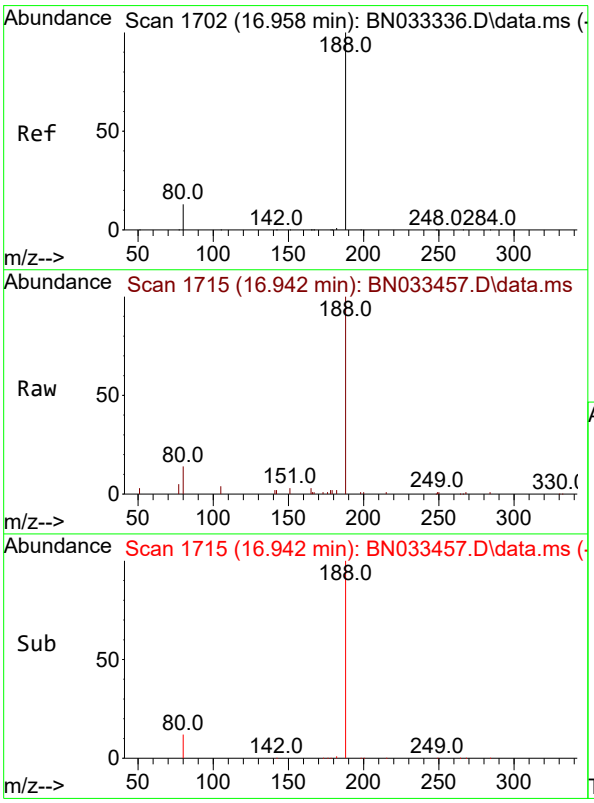
#18
Fluorene
Concen: 0.056 ng
RT: 15.247 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:166 Resp: 2277

Ion	Ratio	Lower	Upper
166	100		
165	85.2	78.0	117.0
167	15.2	10.7	16.1

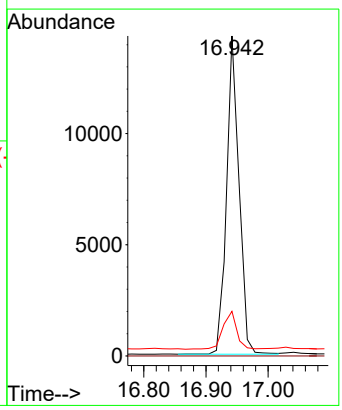


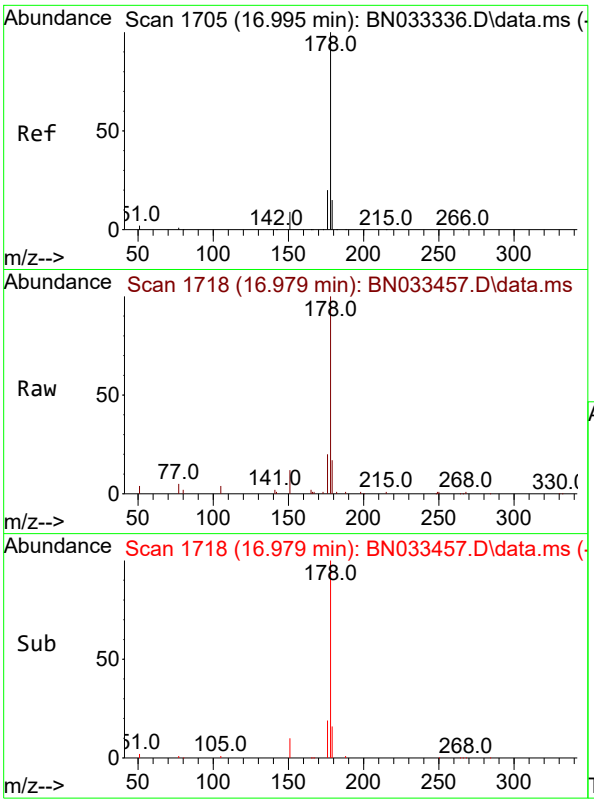


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:188 Resp: 19923

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	10.7	16.1



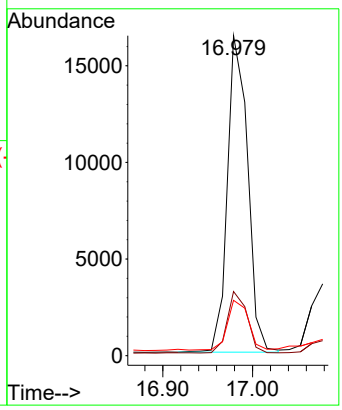


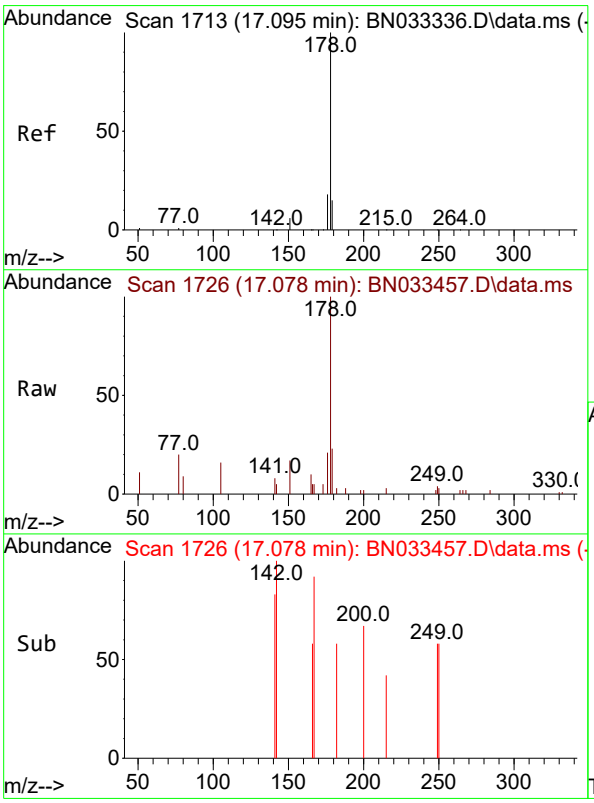
#25
Phenanthrene
Concen: 0.446 ng
RT: 16.979 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:178 Resp: 25684

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.2	12.2	18.2

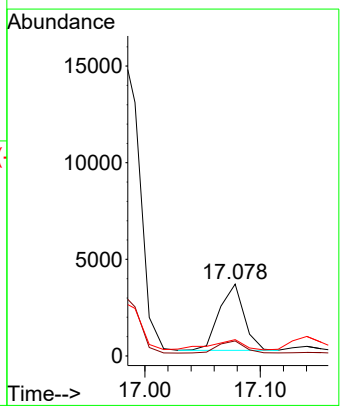


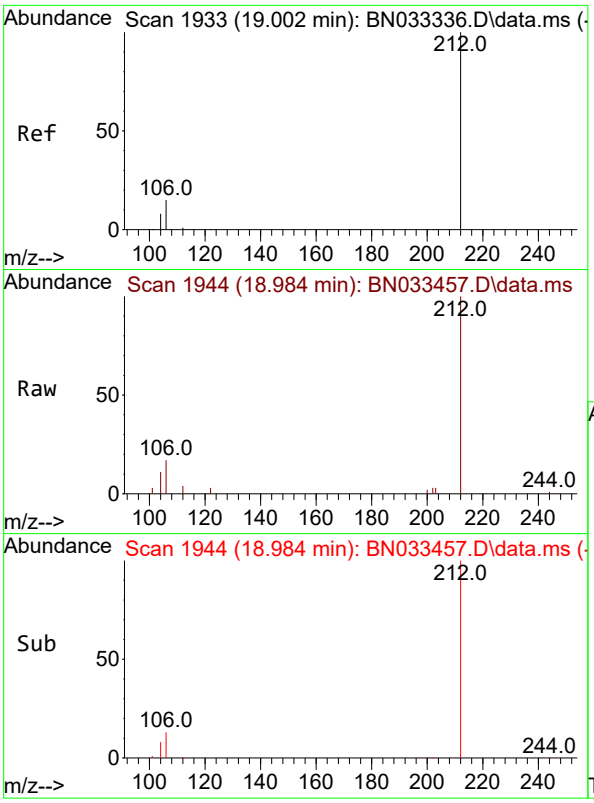


#26
Anthracene
Concen: 0.101 ng
RT: 17.078 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:178 Resp: 5136

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.7	22.1
179	19.4	12.2	18.2#



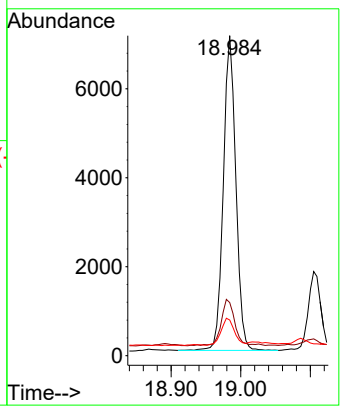


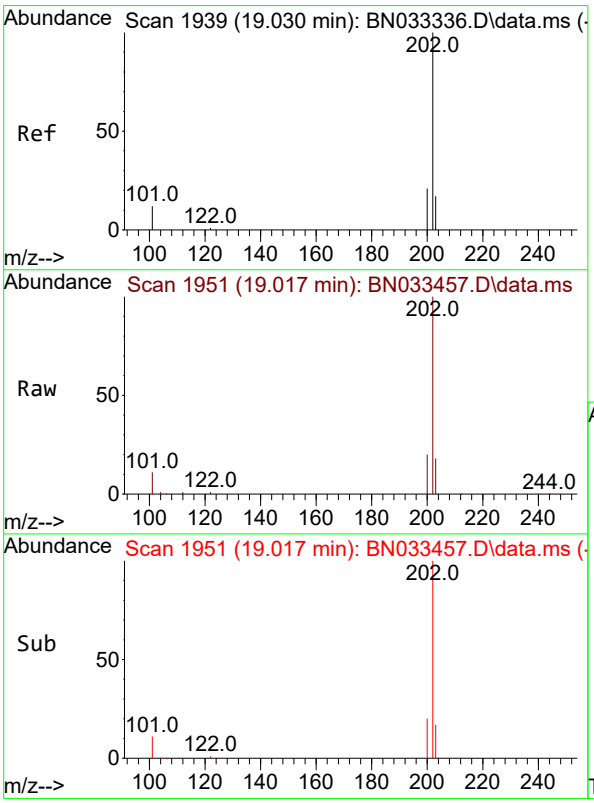
#27
Fluoranthene-d10
Concen: 0.165 ng
RT: 18.984 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:212 Resp: 8809

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.8	19.2
104	9.0	7.1	10.7

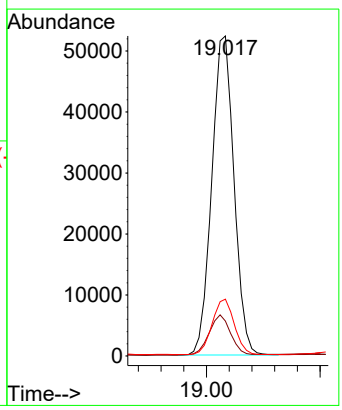


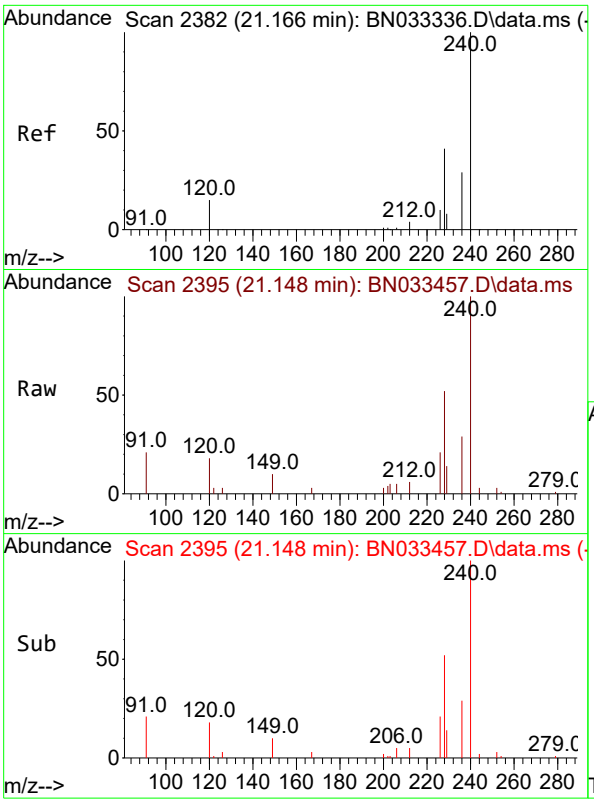


#28
Fluoranthene
Concen: 1.004 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:202 Resp: 71130

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.6
203	17.2	13.8	20.6



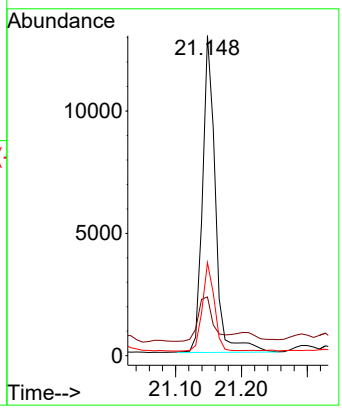


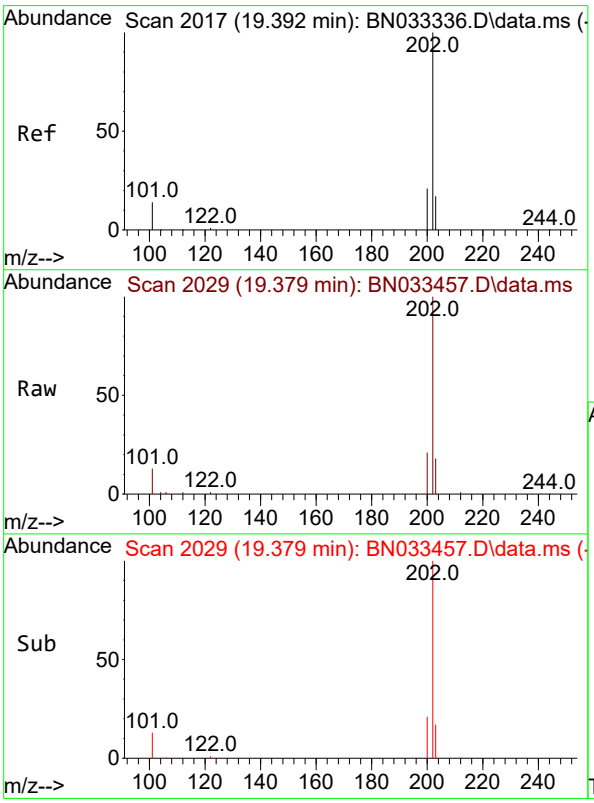
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:240 Resp: 17701

Ion	Ratio	Lower	Upper
240	100		
120	18.3	13.0	19.6
236	29.1	23.2	34.8

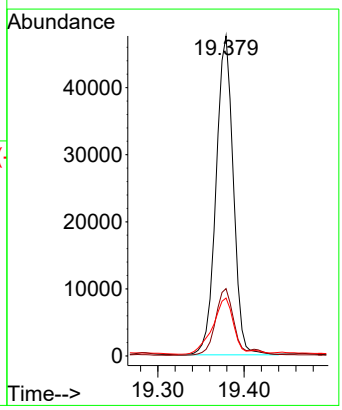


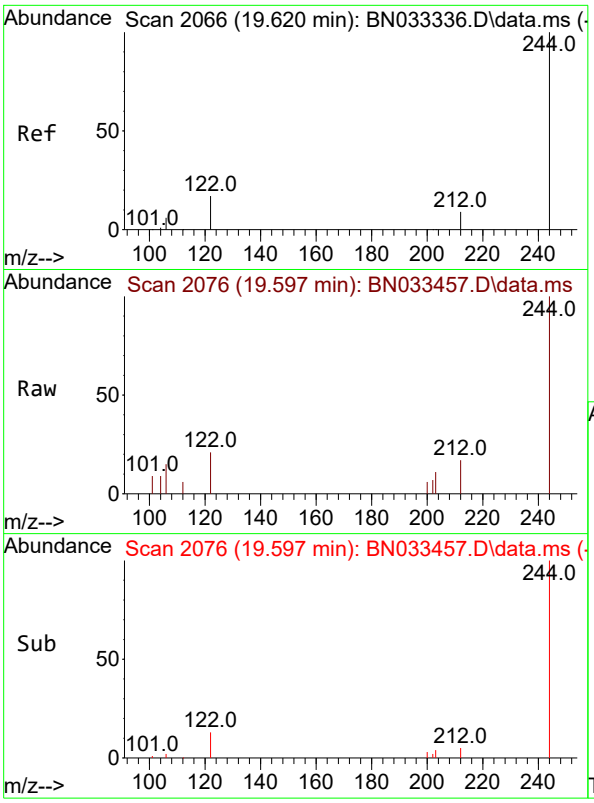


#30
Pyrene
Concen: 0.938 ng
RT: 19.379 min Scan# 2029
Delta R.T. -0.005 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:202 Resp: 66083

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.7	25.1
203	22.0	14.2	21.4#



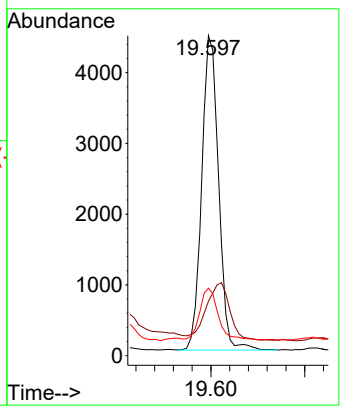


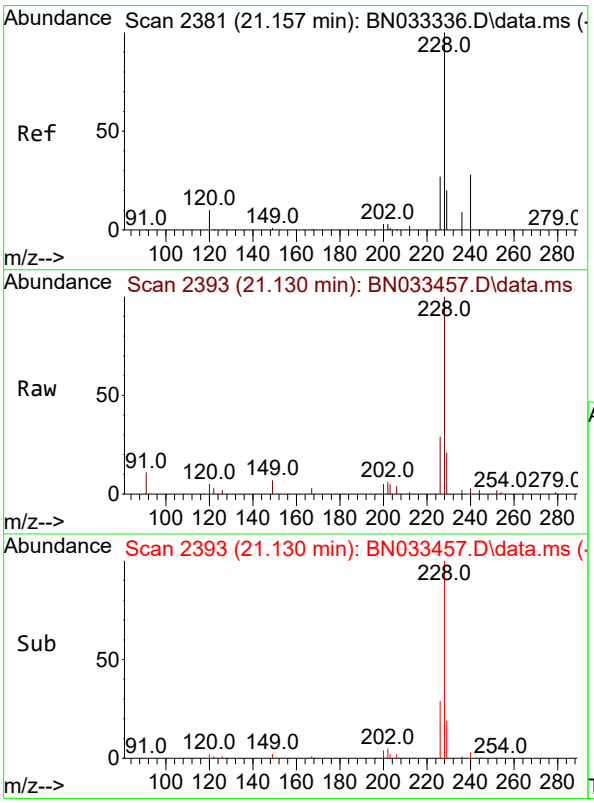
#31
Terphenyl-d14
Concen: 0.166 ng
RT: 19.597 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:244 Resp: 5547

Ion	Ratio	Lower	Upper
244	100		
212	17.0	7.7	11.5#
122	21.1	14.0	21.0#

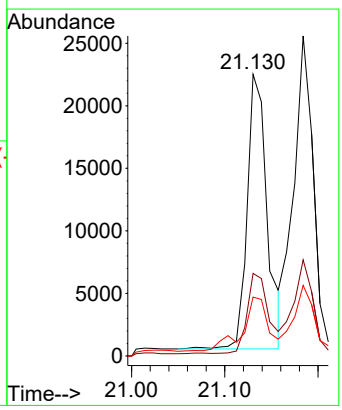


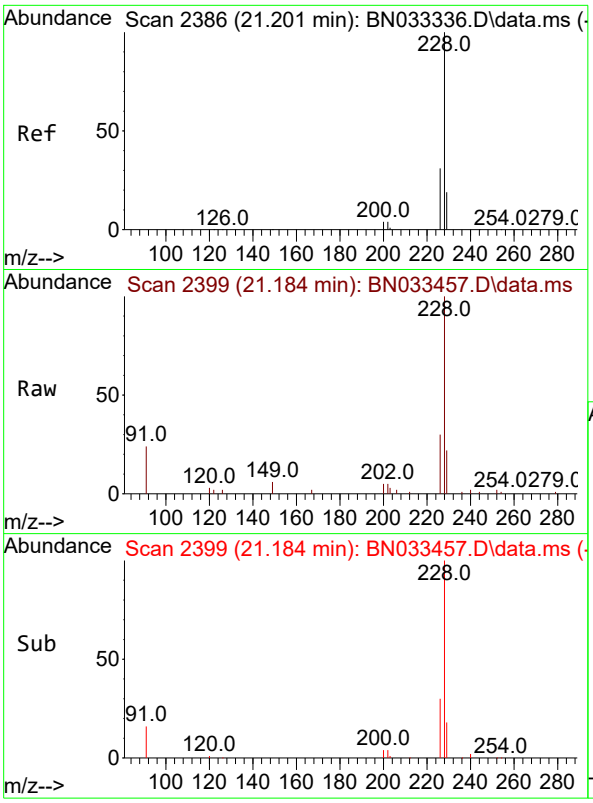


#32
Benzo(a)anthracene
Concen: 0.494 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.009 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:228 Resp: 32680

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.6	32.4
229	20.9	15.9	23.9



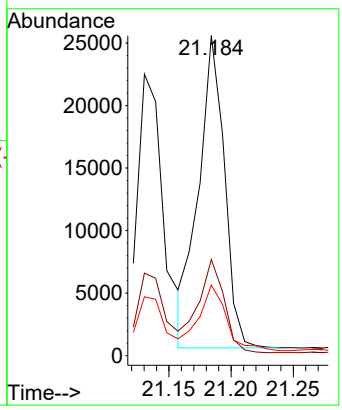


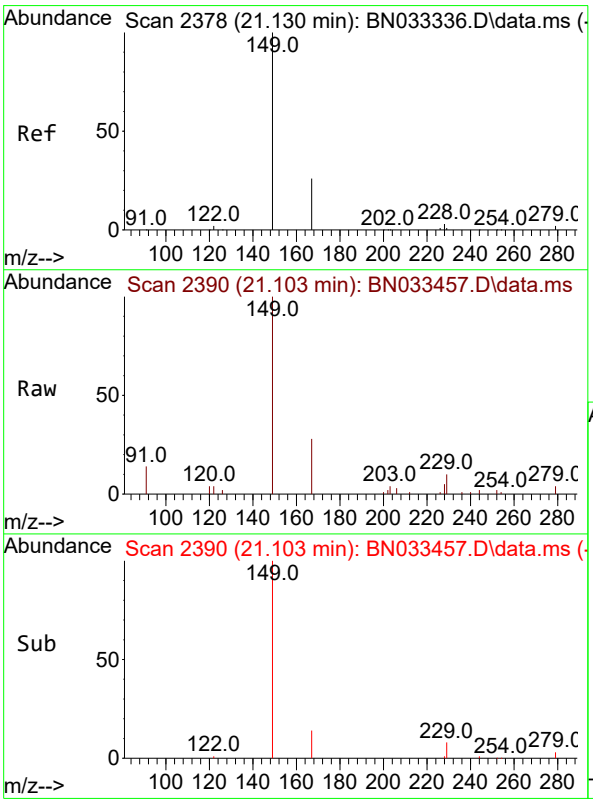
#33
Chrysene
Concen: 0.543 ng
RT: 21.184 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:228 Resp: 36124

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	22.1	15.4	23.2

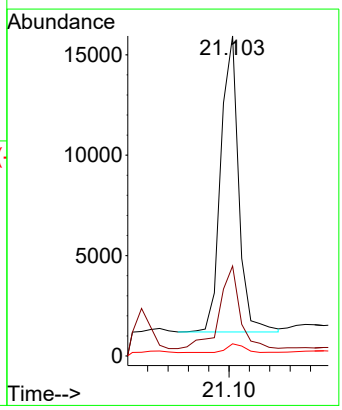


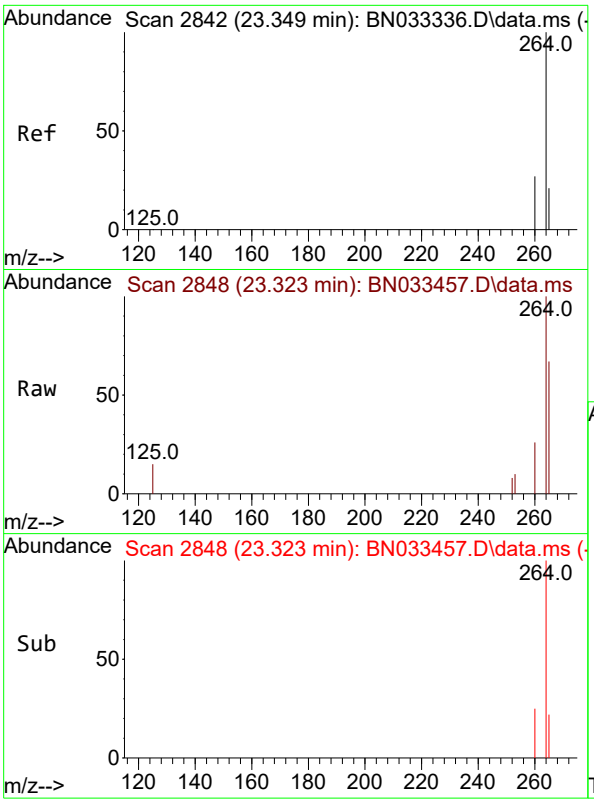


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.596 ng
RT: 21.103 min Scan# 2390
Delta R.T. -0.009 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:149 Resp: 17906

Ion	Ratio	Lower	Upper
149	100		
167	31.7	20.9	31.3#
279	2.9	2.2	3.4



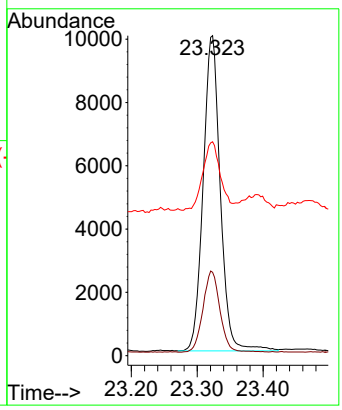


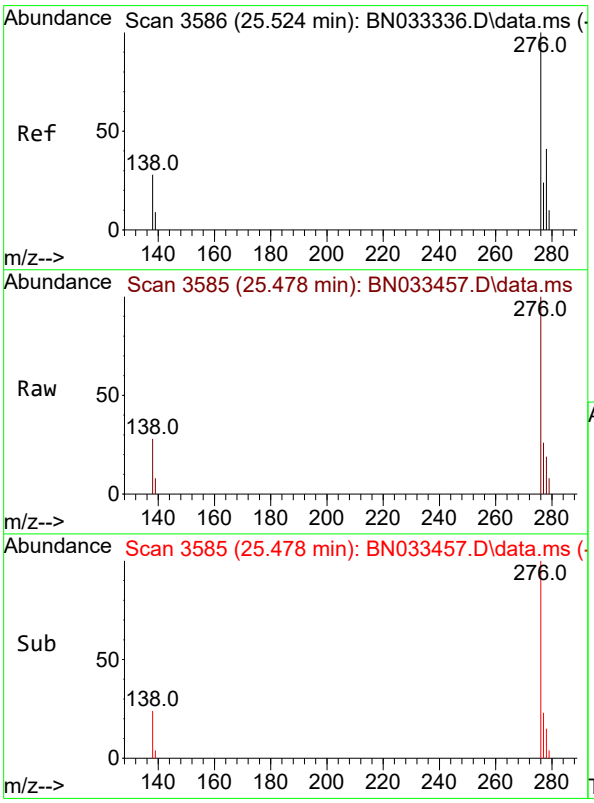
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.323 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:264 Resp: 18013

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.6	32.4
265	66.9	29.3	43.9#

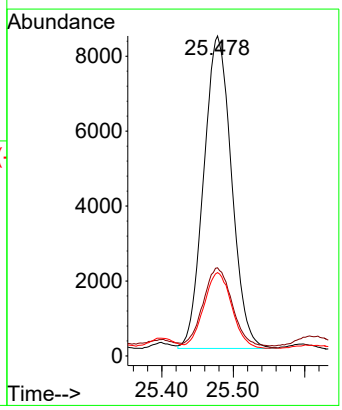


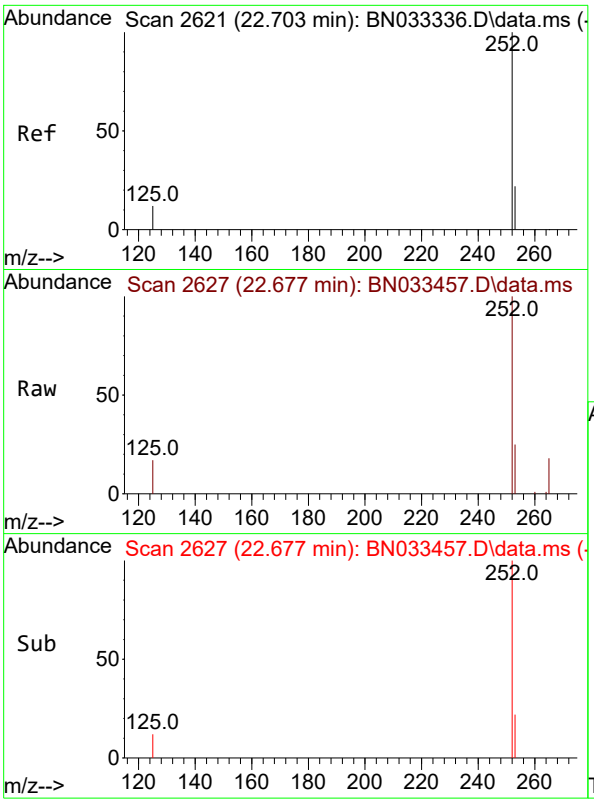


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.020 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:276 Resp: 22612

Ion	Ratio	Lower	Upper
276	100		
138	25.6	24.9	37.3
277	24.3	19.8	29.6



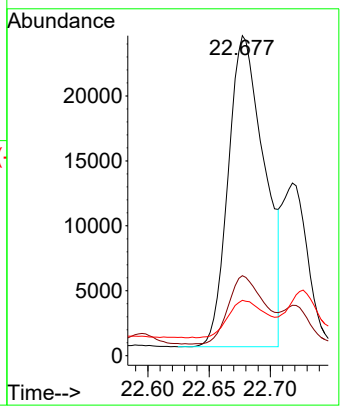


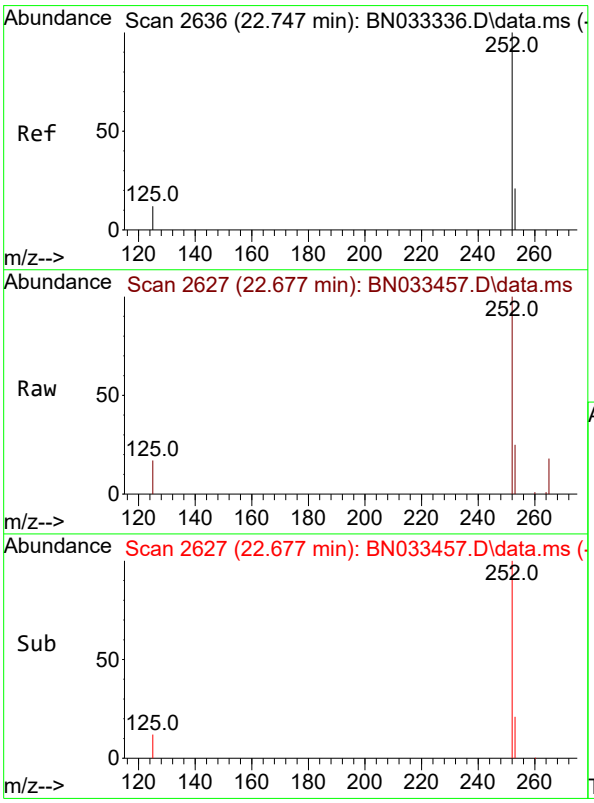
#37
Benzo(b)fluoranthene
Concen: 0.726 ng
RT: 22.677 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:252 Resp: 49206

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	17.3	11.3	16.9#

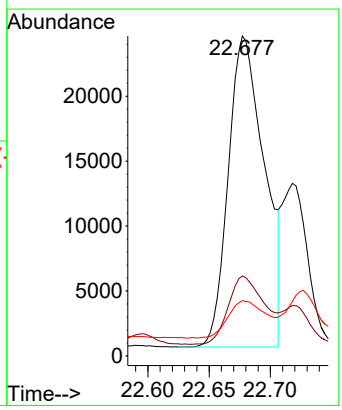


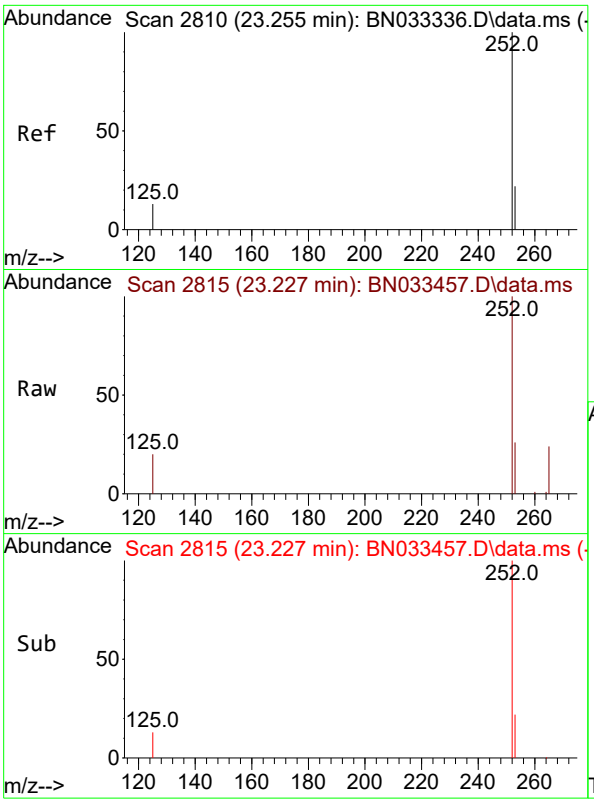


#38
Benzo(k)fluoranthene
Concen: 0.711 ng
RT: 22.677 min Scan# 2627
Delta R.T. -0.053 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:252 Resp: 49206

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	17.3	11.3	16.9#



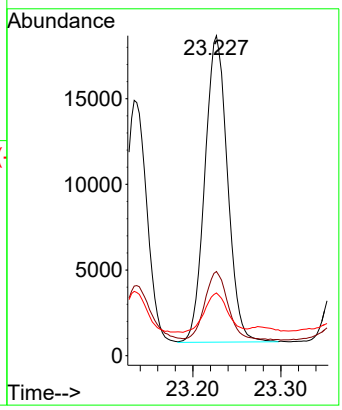


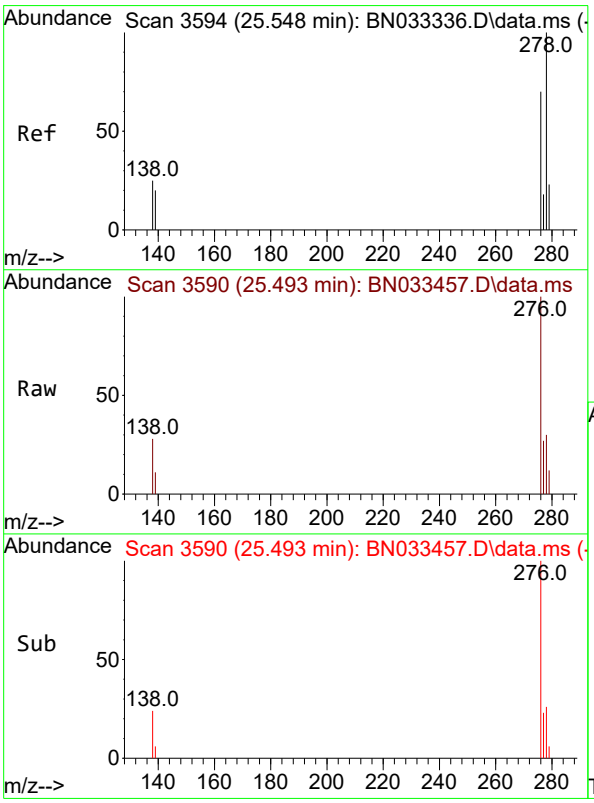
#39
Benzo(a)pyrene
Concen: 0.562 ng
RT: 23.227 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:252 Resp: 32061

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.6	28.0
125	19.6	12.6	19.0#

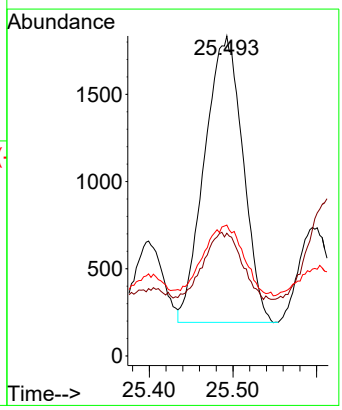


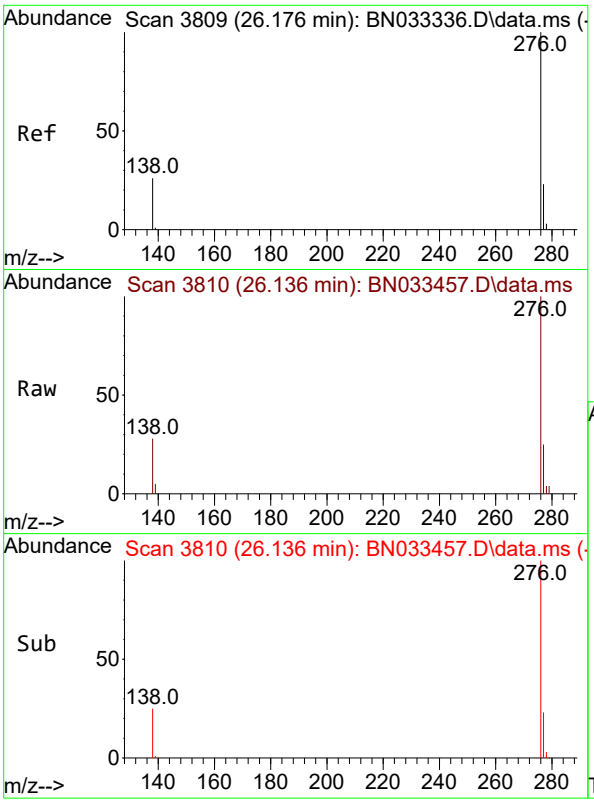


#40
Dibenzo(a,h)anthracene
Concen: 0.089 ng
RT: 25.493 min Scan# 3590
Delta R.T. -0.023 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Tgt Ion:278 Resp: 5218

Ion	Ratio	Lower	Upper
278	100		
139	38.4	17.0	25.6#
279	40.9	20.0	30.0#





#41
Benzo(g,h,i)perylene
Concen: 0.353 ng
RT: 26.136 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN033457.D
Acq: 17 Aug 2024 07:51

Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:276 Resp: 23020

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.2
138	28.0	21.6	32.4