Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
Data File : BN033626.D
Acq On : 26 Aug 2024 17:32
Operator : MA/JU
Sample : P3641-04DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Quant Time: Aug 26 18:24:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

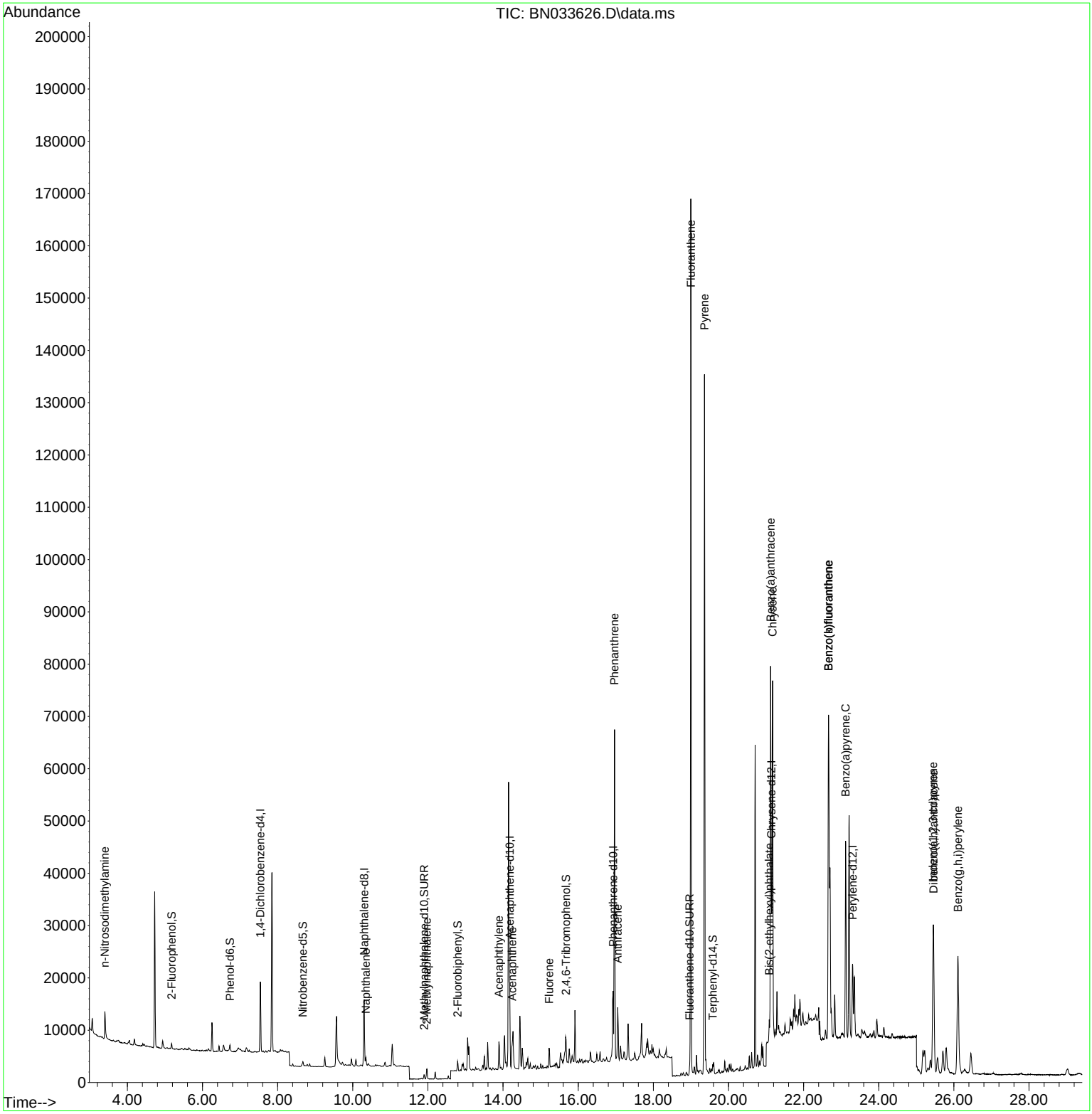
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	6215	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	17163	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	9287	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18620	0.400	ng	0.00
29) Chrysene-d12	21.139	240	16234	0.400	ng	# 0.00
35) Perylene-d12	23.303	264	16635	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	771	0.039	ng	0.00
5) Phenol-d6	6.729	99	956	0.041	ng	0.00
8) Nitrobenzene-d5	8.670	82	698	0.049	ng	-0.01
11) 2-Methylnaphthalene-d10	11.900	152	1132	0.046	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	229	0.046	ng	0.00
15) 2-Fluorobiphenyl	12.788	172	1569	0.041	ng	-0.01
27) Fluoranthene-d10	18.966	212	2072	0.046	ng	0.00
31) Terphenyl-d14	19.584	244	1511	0.041	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.400	42	920	0.111	ng	# 1
9) Naphthalene	10.346	128	1657	0.036	ng	# 84
12) 2-Methylnaphthalene	11.971	142	1320	0.045	ng	# 87
16) Acenaphthylene	13.889	152	2841	0.070	ng	98
17) Acenaphthene	14.242	154	1944	0.068	ng	96
18) Fluorene	15.226	166	2478	0.069	ng	# 97
25) Phenanthrene	16.967	178	59772	1.154	ng	100
26) Anthracene	17.054	178	9791	0.214	ng	97
28) Fluoranthene	18.998	202	141630	2.474	ng	100
30) Pyrene	19.361	202	115409	1.593	ng	# 95
32) Benzo(a)anthracene	21.122	228	53437	0.910	ng	98
33) Chrysene	21.175	228	64380	1.104	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	12214	0.329	ng	# 66
36) Indeno(1,2,3-cd)pyrene	25.449	276	43778	0.634	ng	# 93
37) Benzo(b)fluoranthene	22.663	252	97236	1.565	ng	96
38) Benzo(k)fluoranthene	22.663	252	97236	1.590	ng	# 94
39) Benzo(a)pyrene	23.119	252	46389	0.902	ng	97
40) Dibenzo(a,h)anthracene	25.461	278	9743	0.176	ng	# 85
41) Benzo(g,h,i)perylene	26.107	276	43126	0.730	ng	99

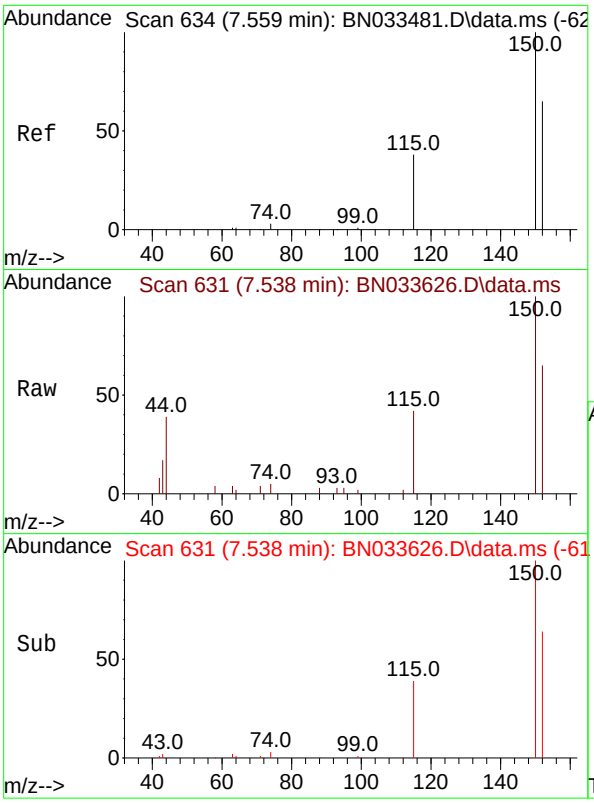
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
Data File : BN033626.D
Acq On : 26 Aug 2024 17:32
Operator : MA/JU
Sample : P3641-04DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Quant Time: Aug 26 18:24:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration



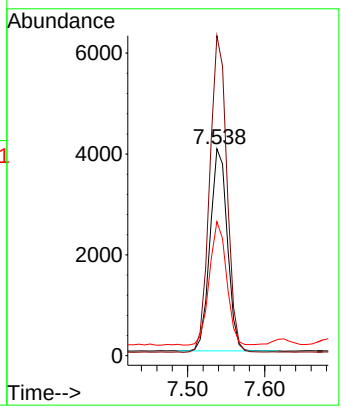


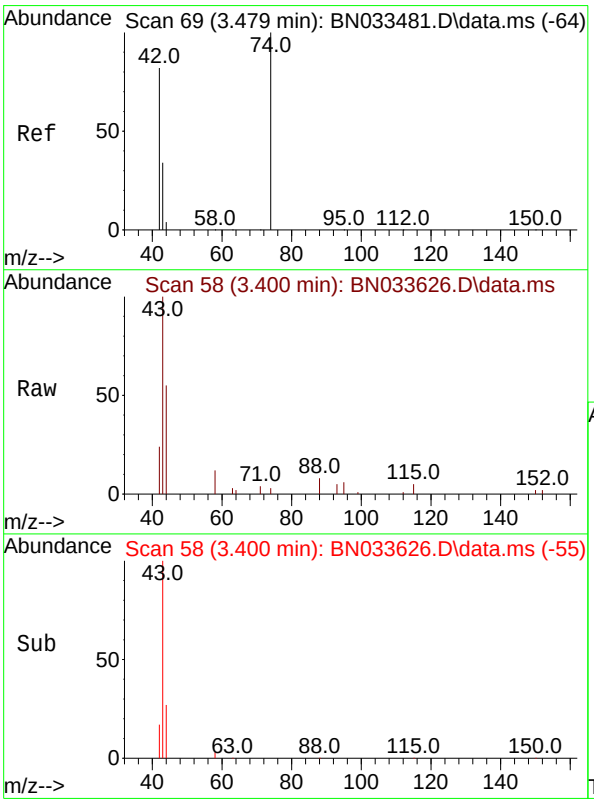
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.538 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:152 Resp: 6215

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.2	183.2
115	64.8	47.2	70.8

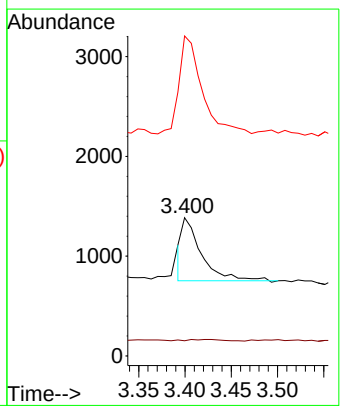


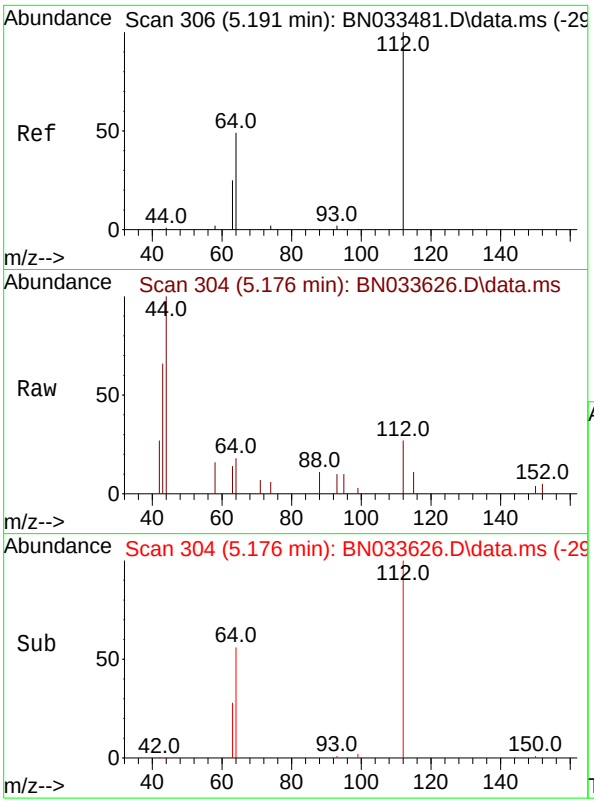


#3
n-Nitrosodimethylamine
Concen: 0.111 ng
RT: 3.400 min Scan# 58
Delta R.T. -0.079 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion: 42 Resp: 920

Ion	Ratio	Lower	Upper
42	100		
74	3.6	100.2	150.2#
44	157.8	5.3	7.9#



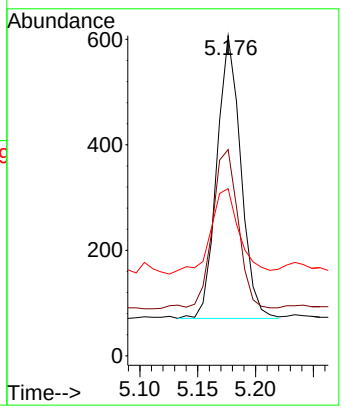


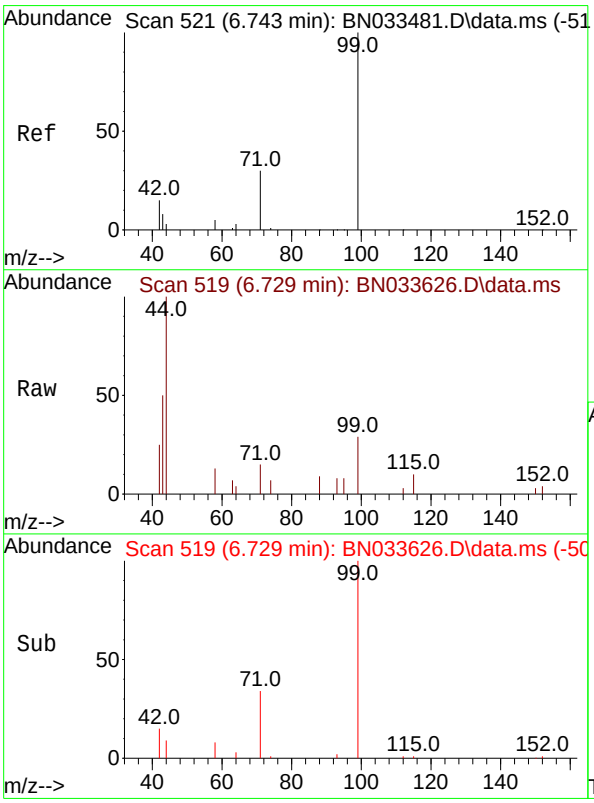
#4
2-Fluorophenol
Concen: 0.039 ng
RT: 5.176 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:112 Resp: 771

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.1	70.7
63	36.1	24.9	37.3

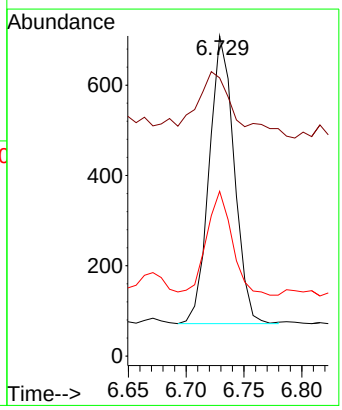


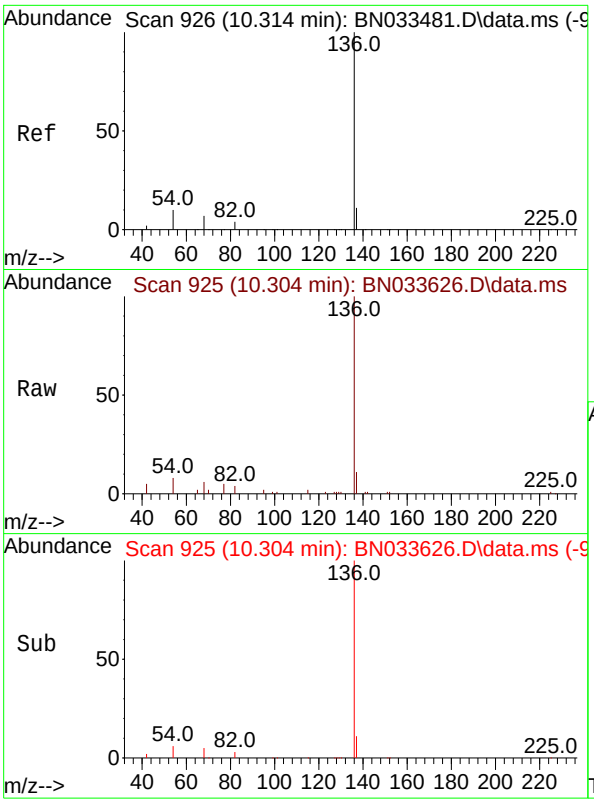


#5
Phenol-d6
Concen: 0.041 ng
RT: 6.729 min Scan# 519
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion: 99 Resp: 956

Ion	Ratio	Lower	Upper
99	100		
42	37.7	16.6	24.8#
71	37.4	26.2	39.4



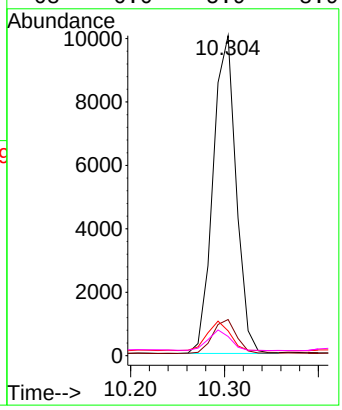


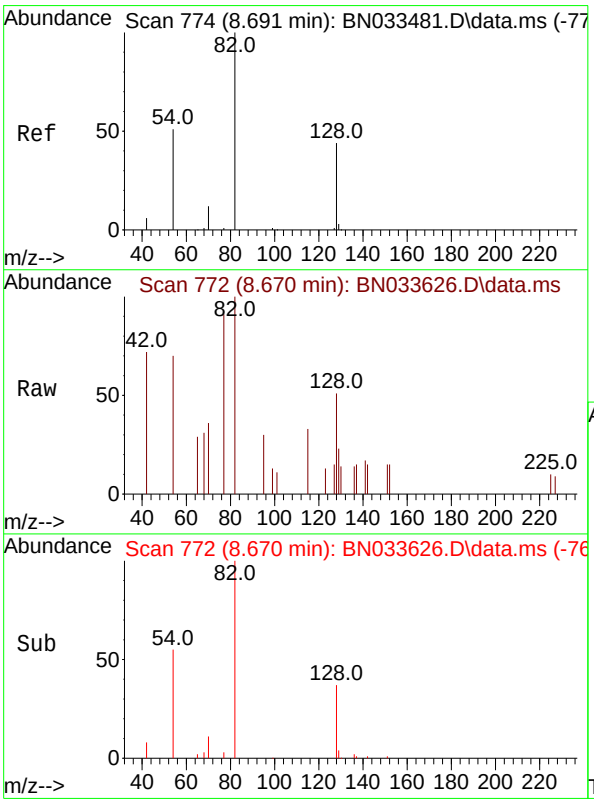
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:136 Resp: 17163

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.7	8.3	12.5#
68	6.0	5.9	8.9

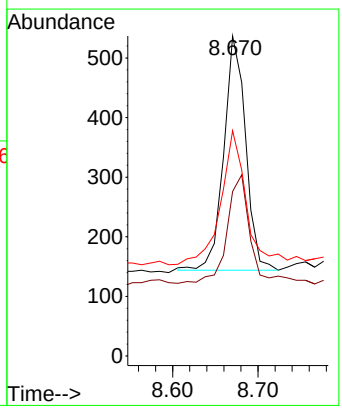


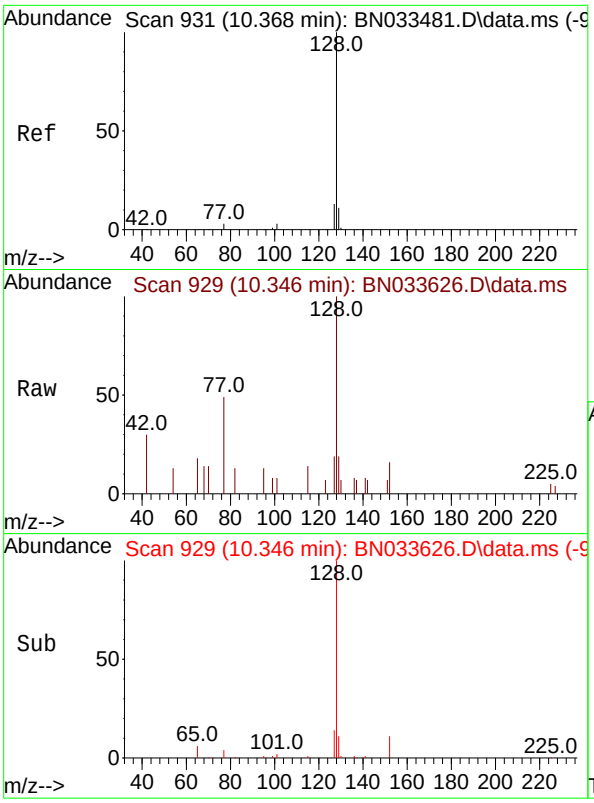


#8
Nitrobenzene-d5
Concen: 0.049 ng
RT: 8.670 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion: 82 Resp: 698

Ion	Ratio	Lower	Upper
82	100		
128	51.4	36.0	54.0
54	70.4	42.0	63.0#



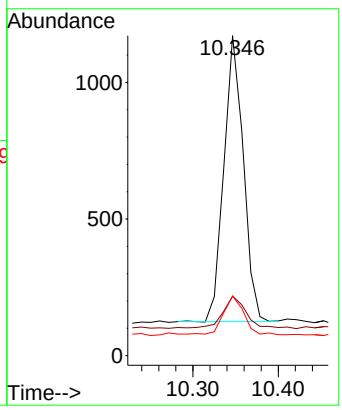


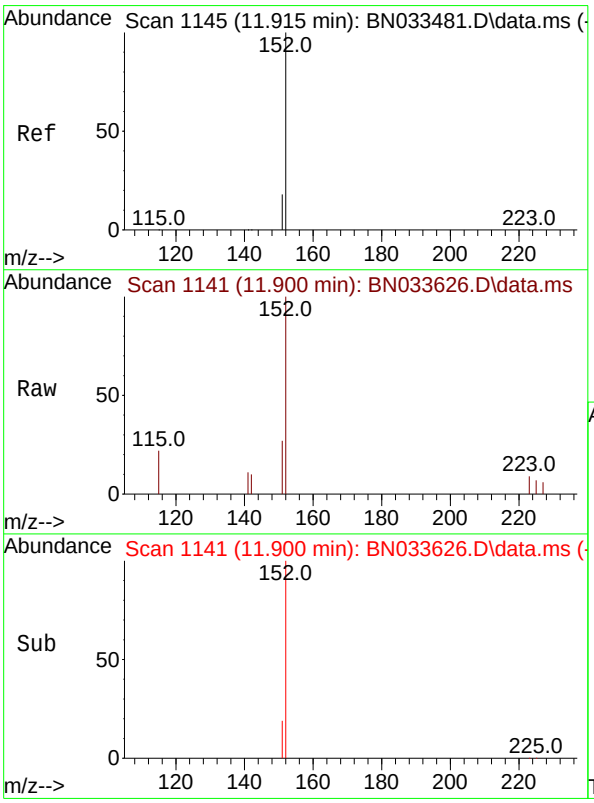
#9
Naphthalene
Concen: 0.036 ng
RT: 10.346 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:128 Resp: 1657

Ion	Ratio	Lower	Upper
128	100		
129	18.6	9.1	13.7#
127	18.6	10.7	16.1#

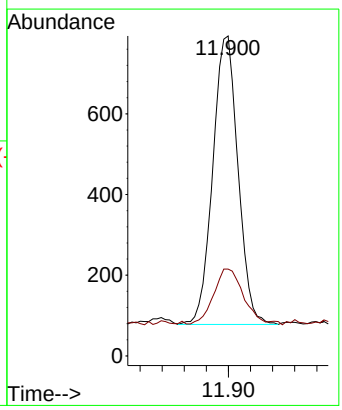


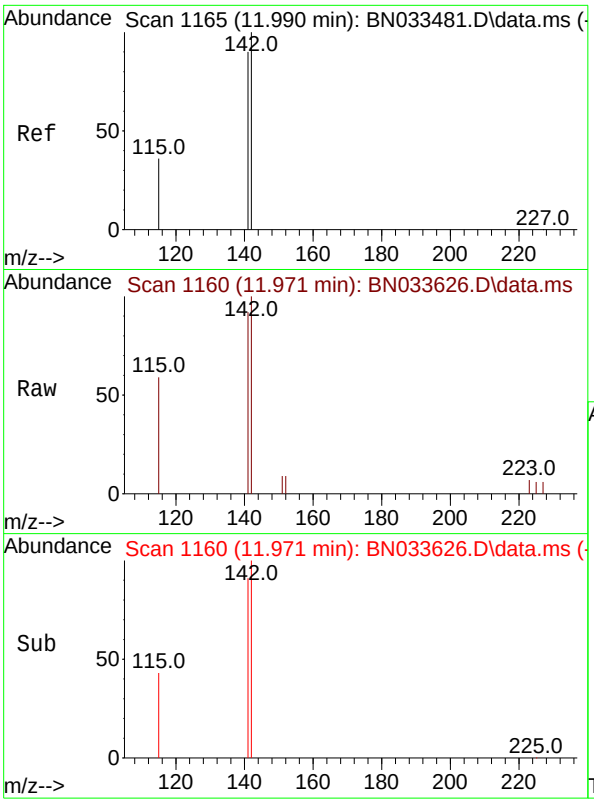


#11
2-Methylnaphthalene-d10
Concen: 0.046 ng
RT: 11.900 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:152 Resp: 1132

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.6	25.0



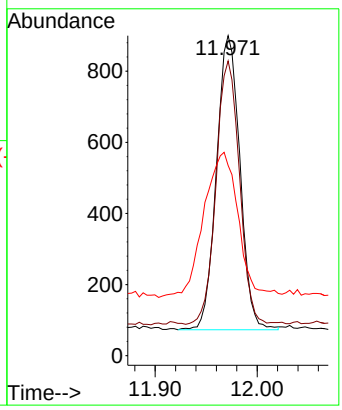


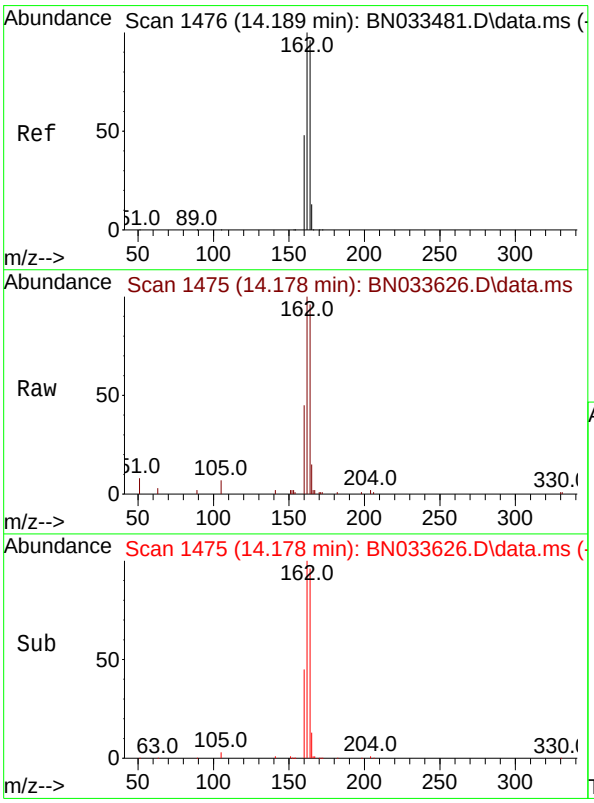
#12
2-Methylnaphthalene
Concen: 0.045 ng
RT: 11.971 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:142 Resp: 1320

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.7	107.5
115	59.4	29.4	44.2#

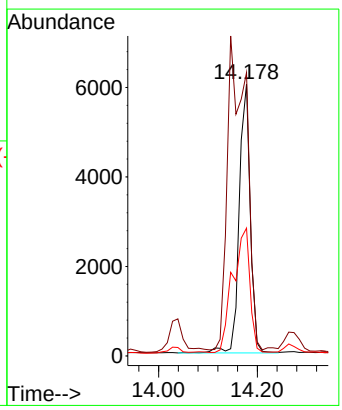


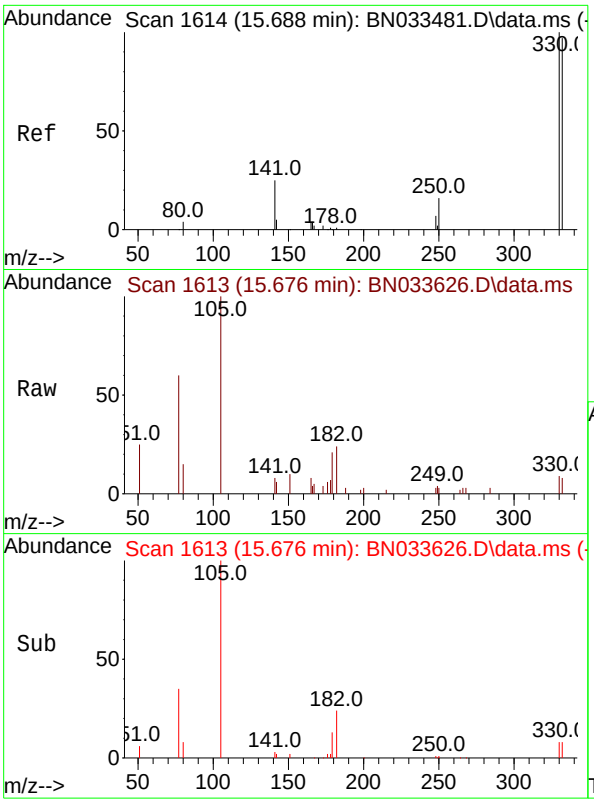


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:164 Resp: 9287

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.5	125.3
160	47.0	40.2	60.4



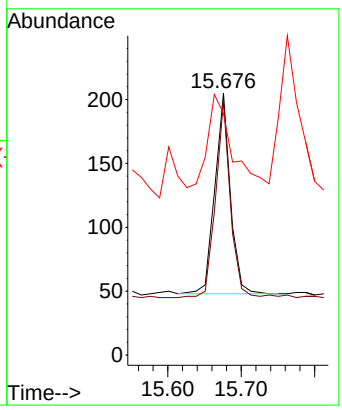


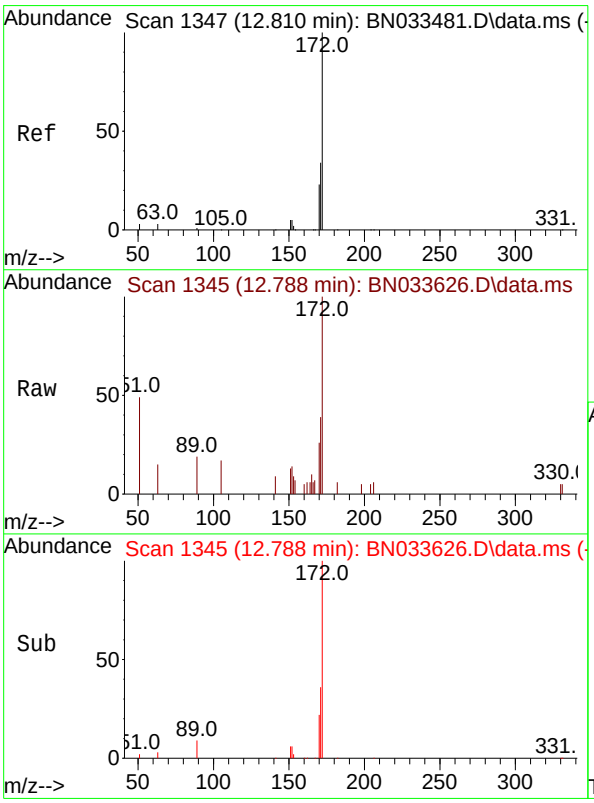
#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 15.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:330 Resp: 229

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.5	116.3
141	70.7	33.9	50.9#

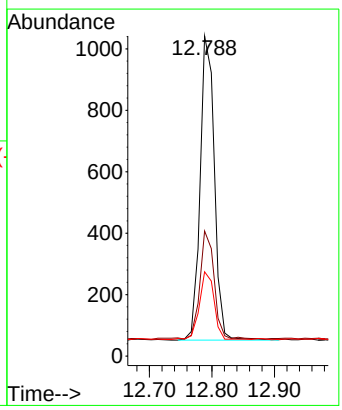


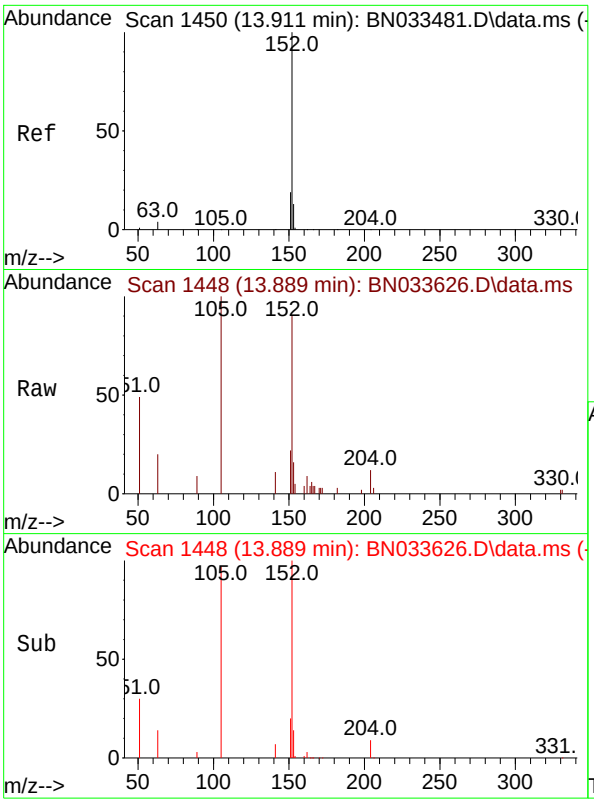


#15
2-Fluorobiphenyl
Concen: 0.041 ng
RT: 12.788 min Scan# 1345
Delta R.T. -0.011 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:172 Resp: 1569

Ion	Ratio	Lower	Upper
172	100		
171	39.1	27.7	41.5
170	26.3	18.3	27.5



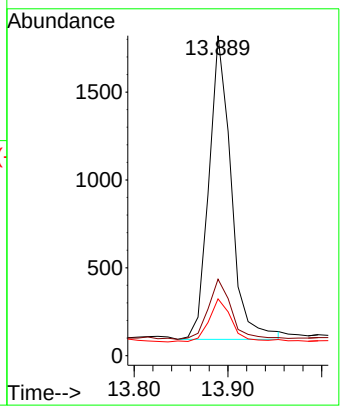


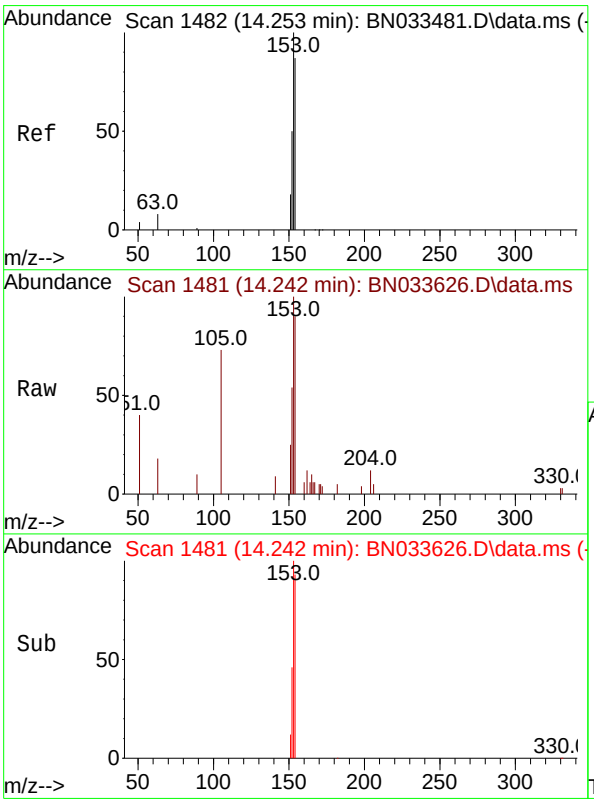
#16
Acenaphthylene
Concen: 0.070 ng
RT: 13.889 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:152 Resp: 2841

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	14.5	10.3	15.5

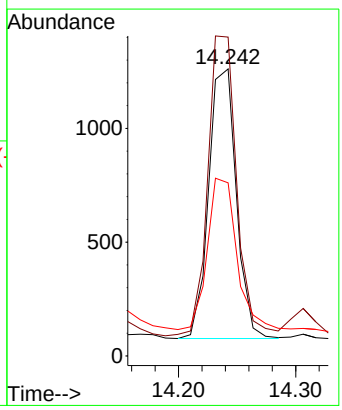


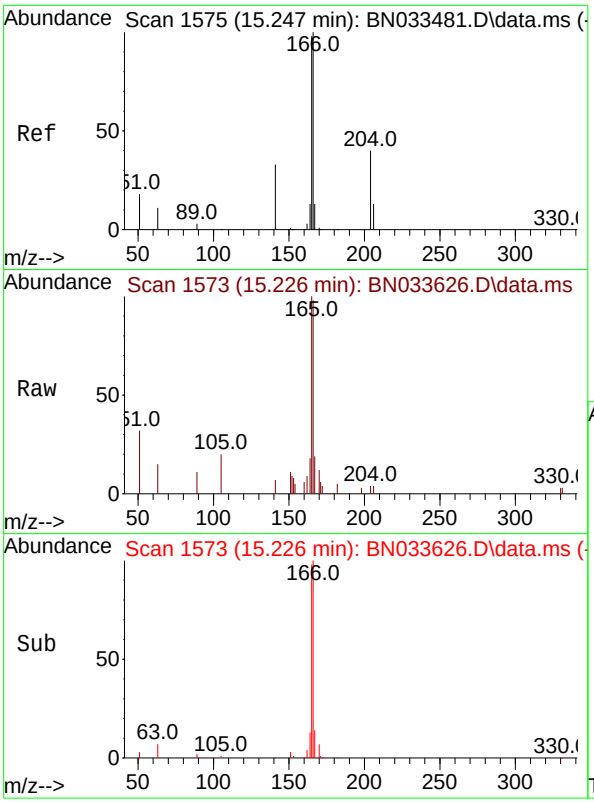


#17
Acenaphthene
Concen: 0.068 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:154 Resp: 1944

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.0	133.6
152	59.4	45.2	67.8



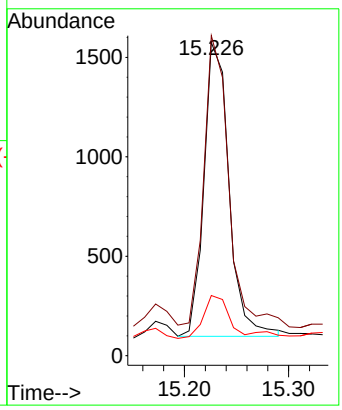


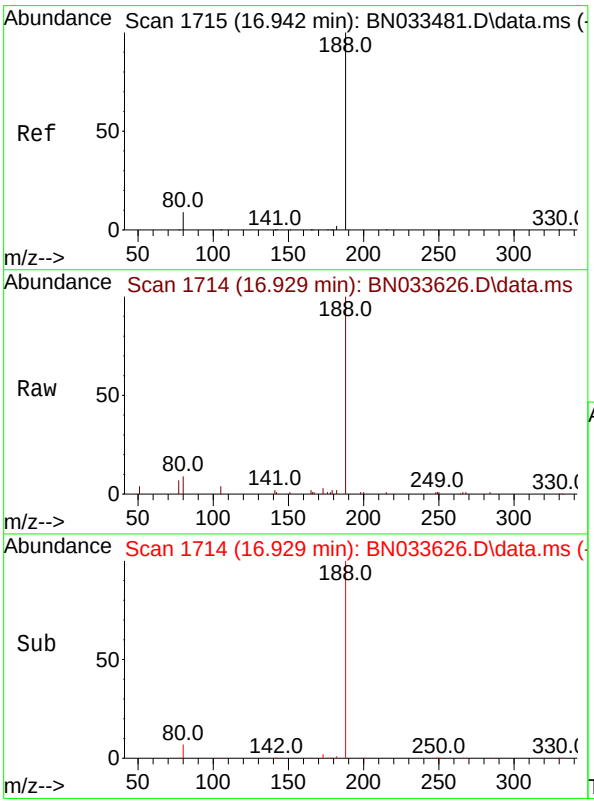
#18
Fluorene
Concen: 0.069 ng
RT: 15.226 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:166 Resp: 2478

Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.2	117.4
167	16.7	10.6	16.0#

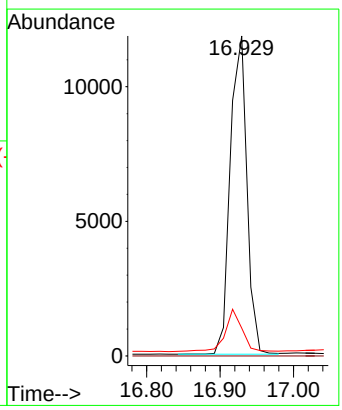


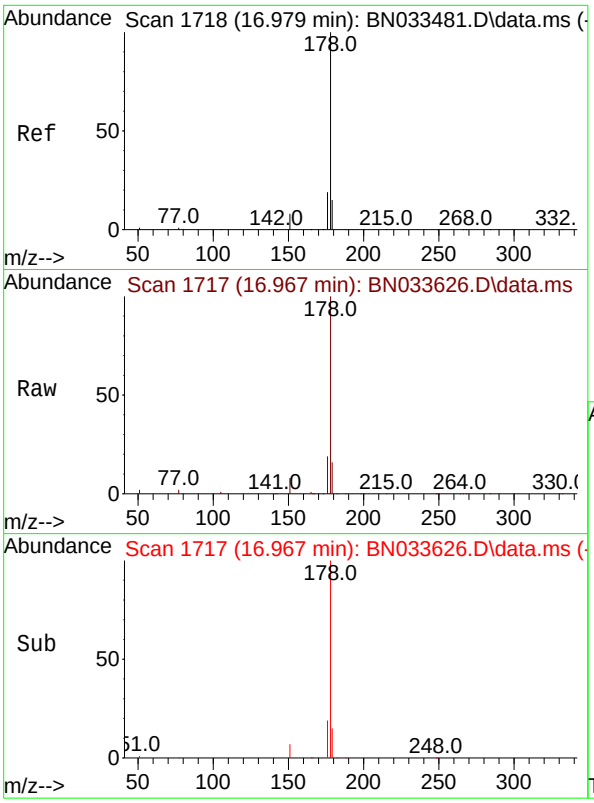


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:188 Resp: 18620

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.8	11.8



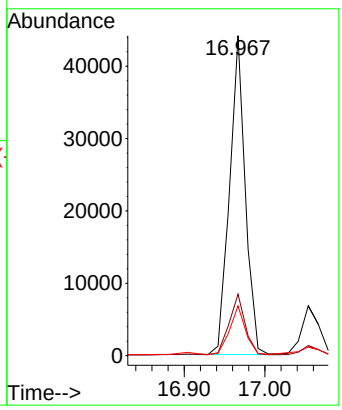


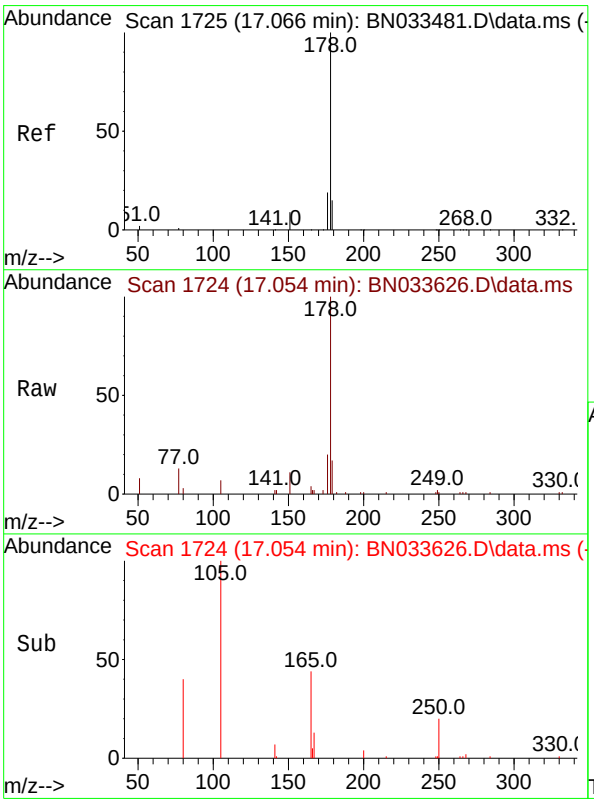
#25
Phenanthrene
Concen: 1.154 ng
RT: 16.967 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:178 Resp: 59772

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.3	18.5

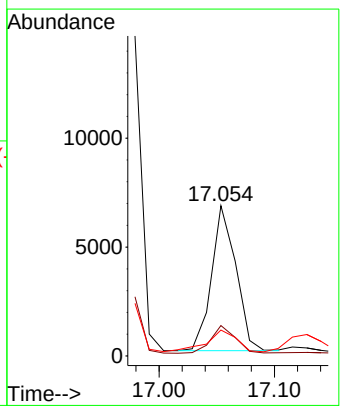


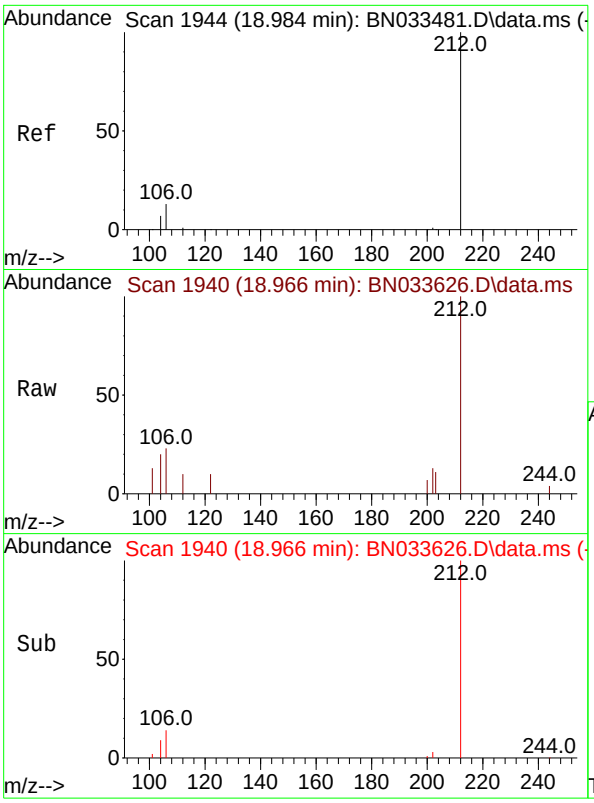


#26
Anthracene
Concen: 0.214 ng
RT: 17.054 min Scan# 1724
Delta R.T. -0.012 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:178 Resp: 9791

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	18.4	12.4	18.6



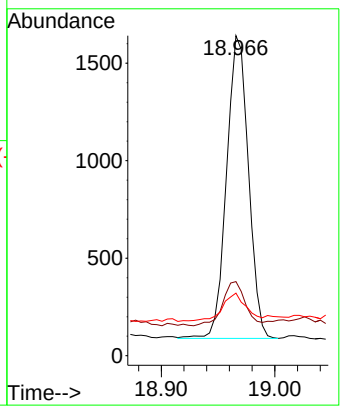


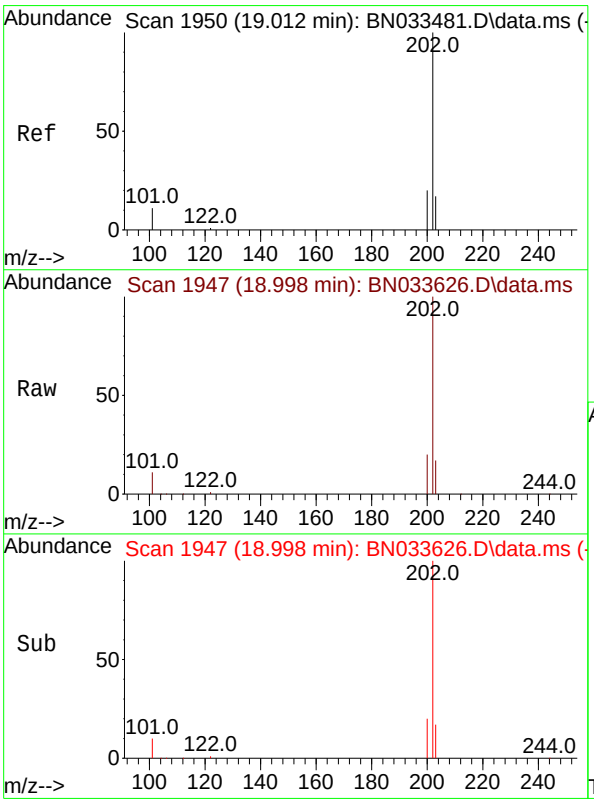
#27
Fluoranthene-d10
Concen: 0.046 ng
RT: 18.966 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:212 Resp: 2072

Ion	Ratio	Lower	Upper
212	100		
106	15.0	12.3	18.5
104	9.6	7.0	10.4

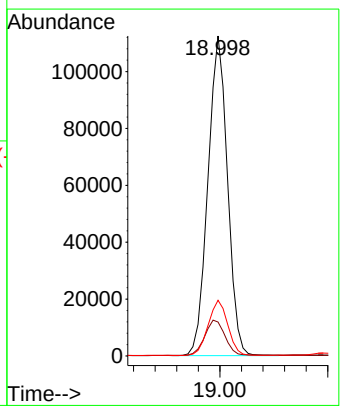


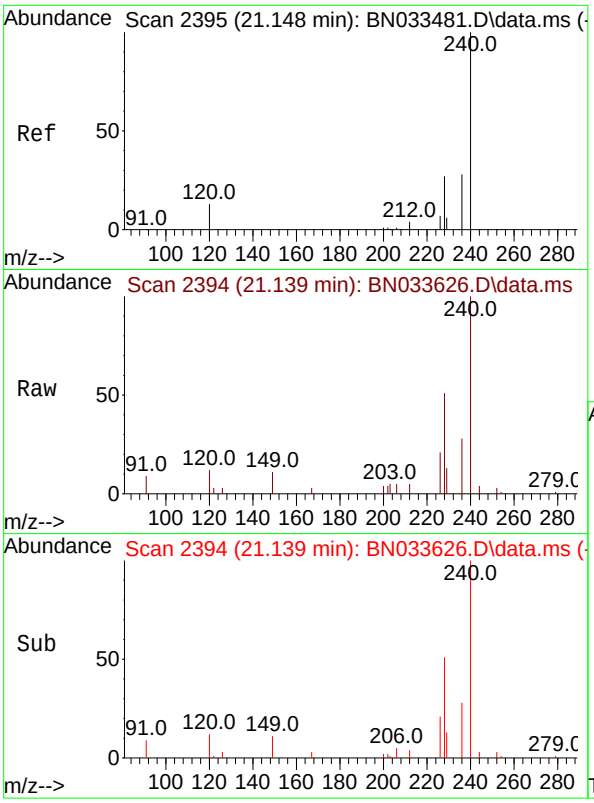


#28
Fluoranthene
Concen: 2.474 ng
RT: 18.998 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:202 Resp: 141630

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
203	17.3	13.8	20.6



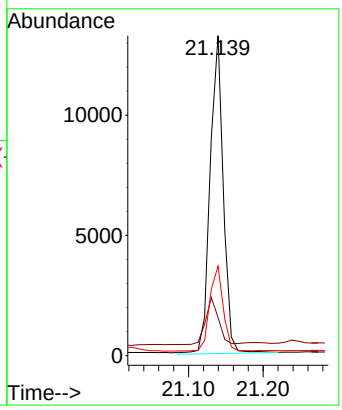


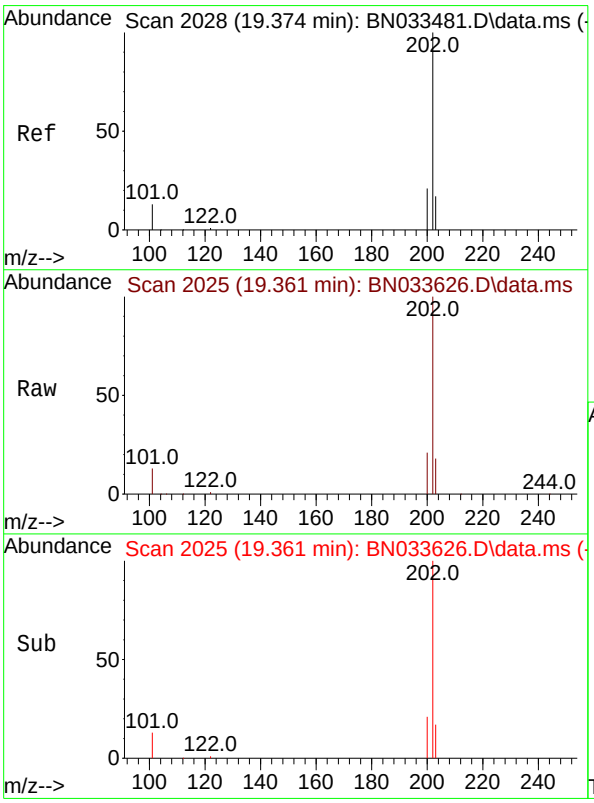
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:240 Resp: 16234

Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.4	18.6#
236	28.0	23.0	34.6

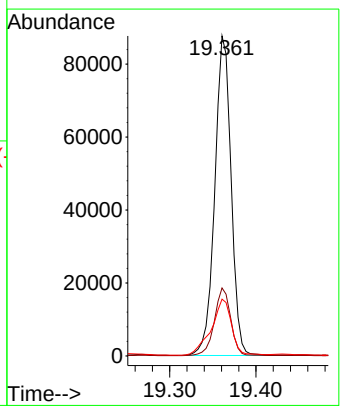


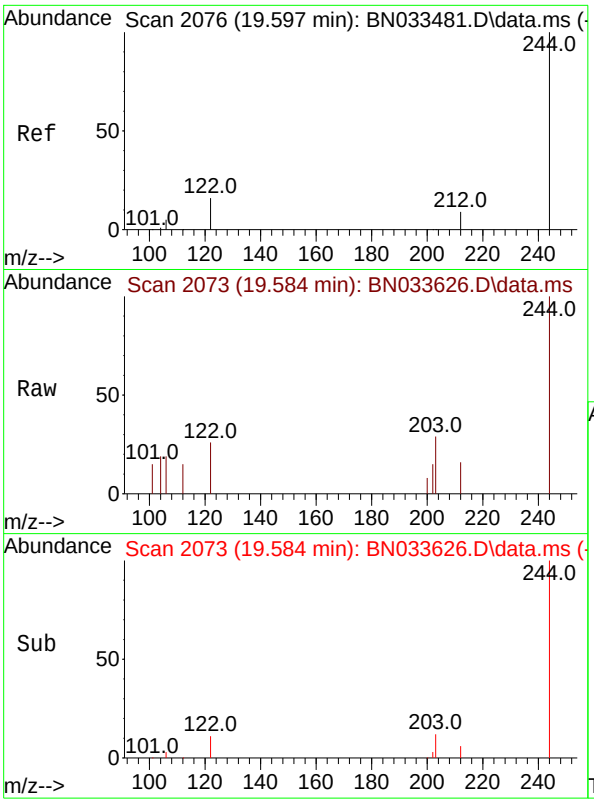


#30
Pyrene
Concen: 1.593 ng
RT: 19.361 min Scan# 2025
Delta R.T. -0.005 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:202 Resp: 115409

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	21.7	14.2	21.4#



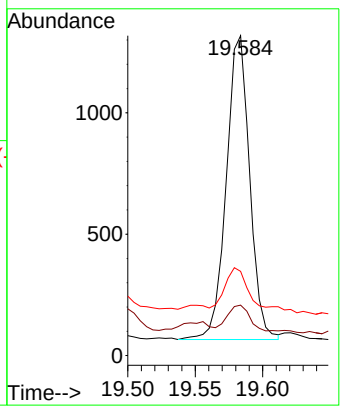


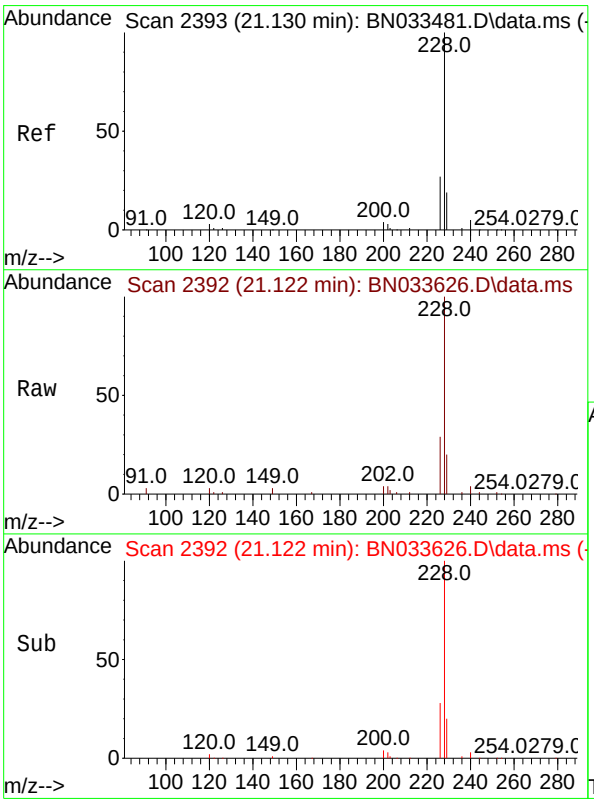
#31
Terphenyl-d14
Concen: 0.041 ng
RT: 19.584 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:244 Resp: 1511

Ion	Ratio	Lower	Upper
244	100		
212	15.8	7.8	11.6#
122	26.3	13.3	19.9#

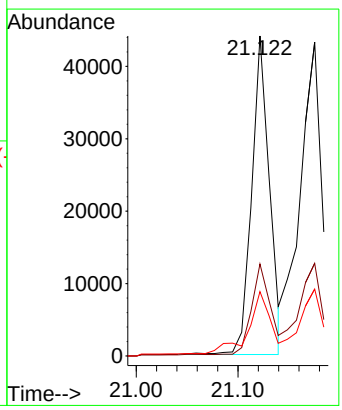


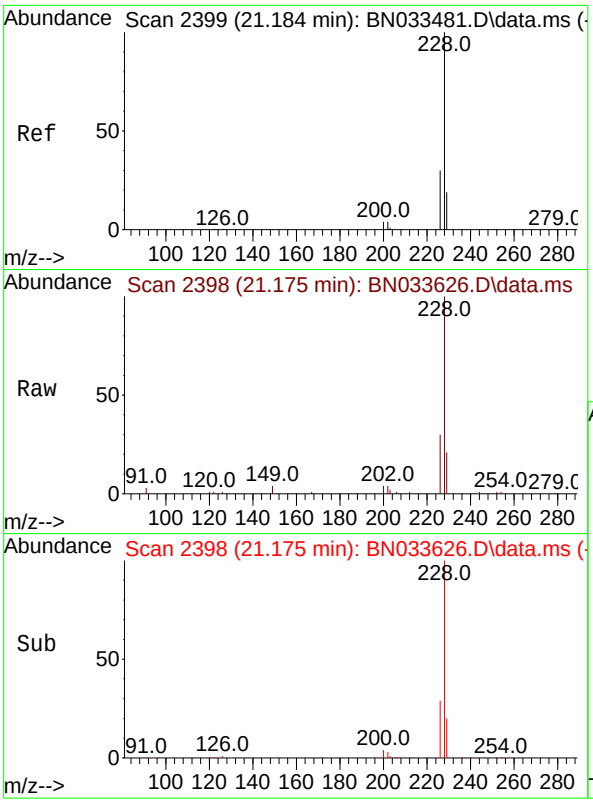


#32
Benzo(a)anthracene
Concen: 0.910 ng
RT: 21.122 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:228 Resp: 53437

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.6
229	20.1	15.8	23.6



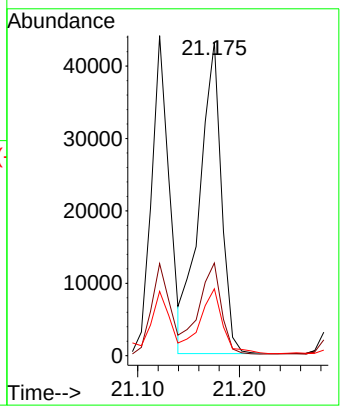


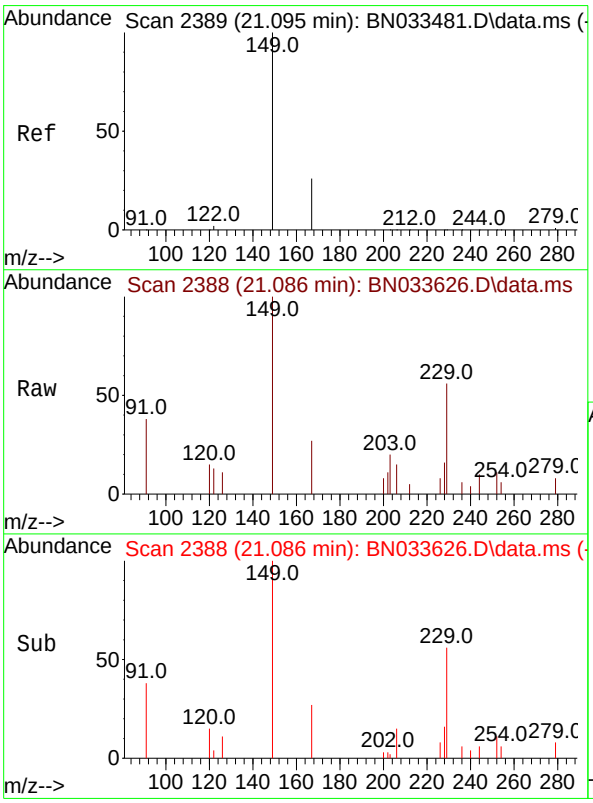
#33
Chrysene
Concen: 1.104 ng
RT: 21.175 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:228 Resp: 64380

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	21.3	15.6	23.4

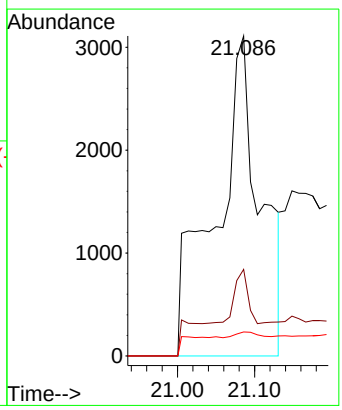


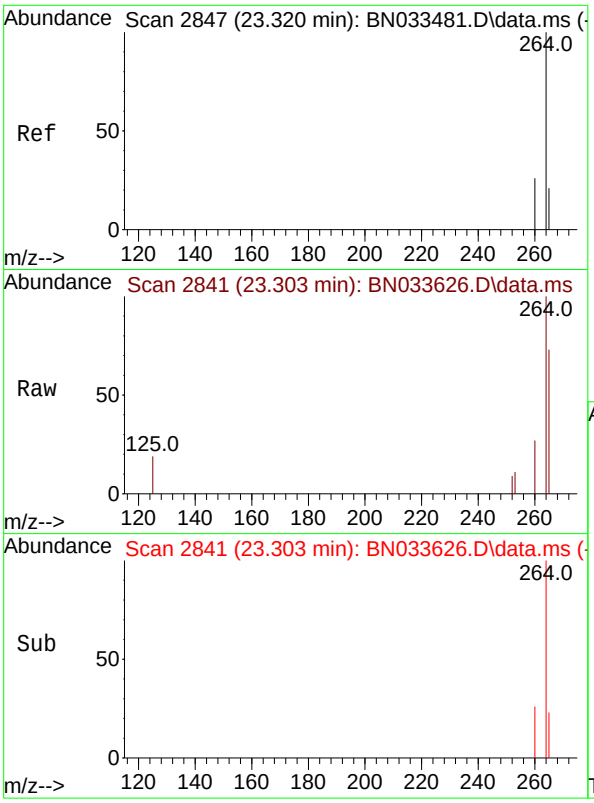


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.329 ng
RT: 21.086 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:149 Resp: 12214

Ion	Ratio	Lower	Upper
149	100		
167	7.5	21.5	32.3#
279	1.7	2.2	3.2#



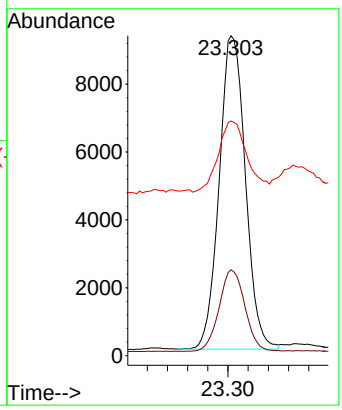


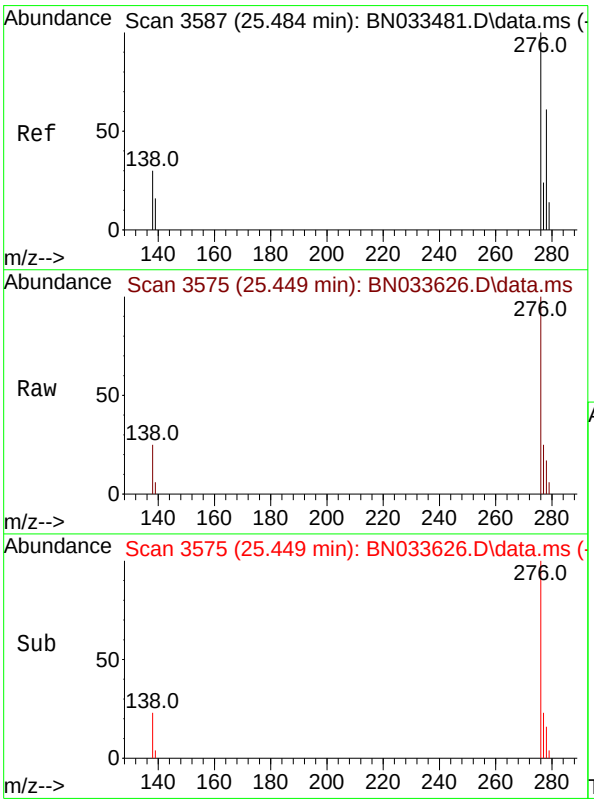
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.303 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:264 Resp: 16635

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	73.4	52.2	78.2

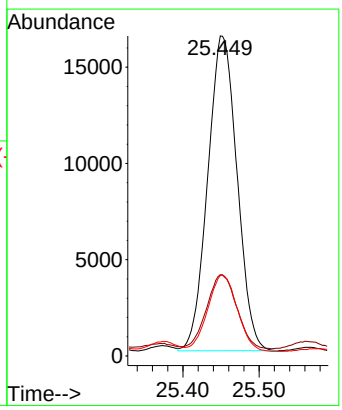


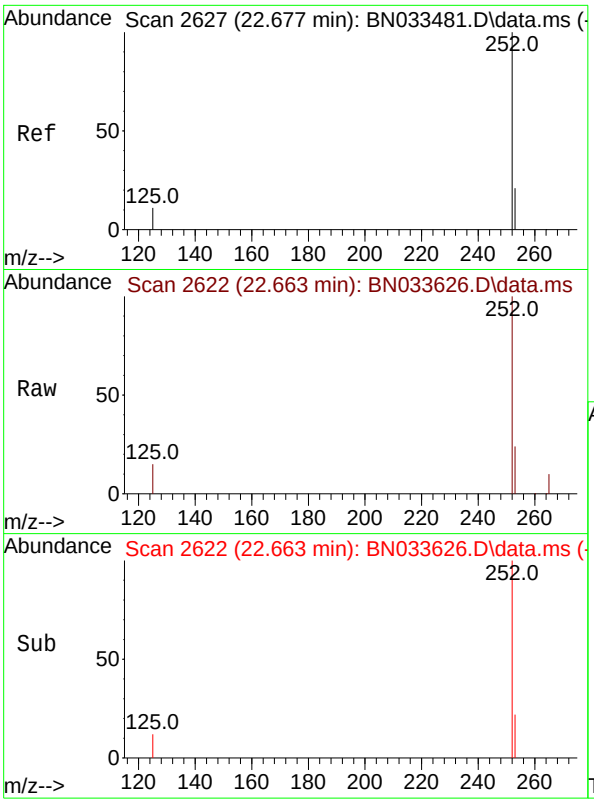


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.634 ng
RT: 25.449 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:276 Resp: 43778

Ion	Ratio	Lower	Upper
276	100		
138	24.1	24.4	36.6#
277	24.5	19.8	29.6



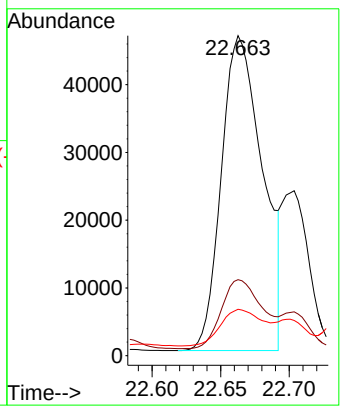


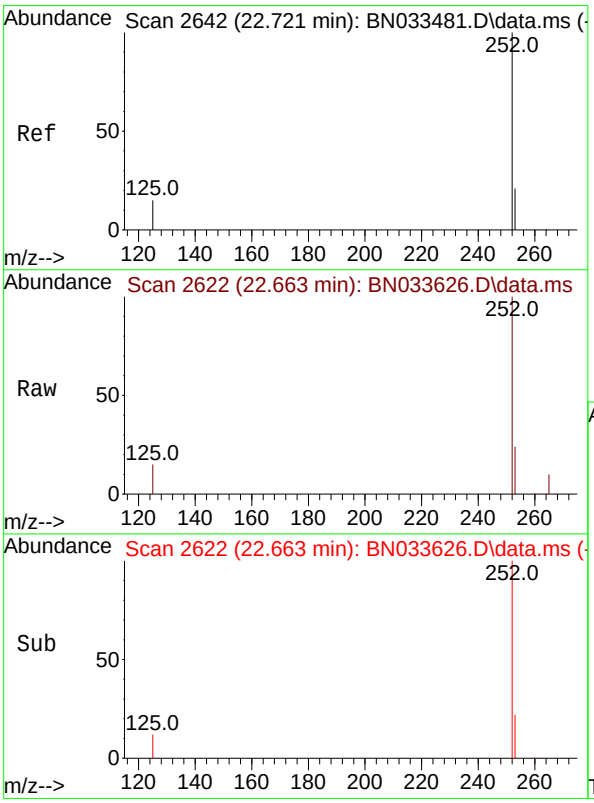
#37
Benzo(b)fluoranthene
Concen: 1.565 ng
RT: 22.663 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:252 Resp: 97236

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.8	29.8
125	14.5	13.9	20.9

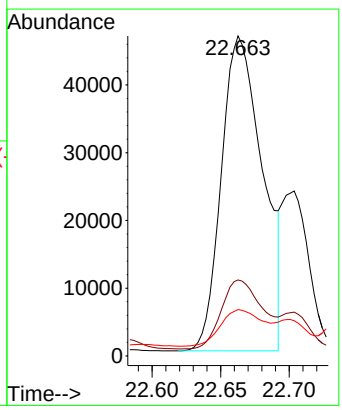


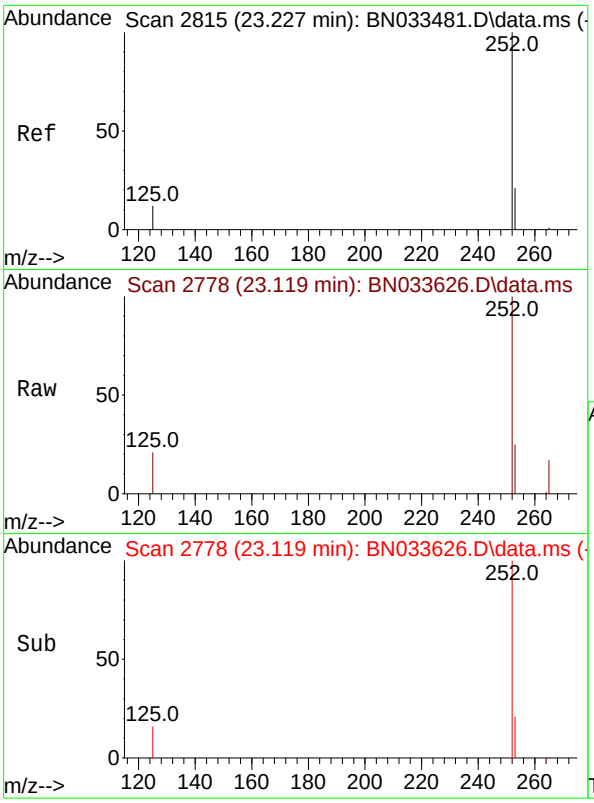


#38
Benzo(k)fluoranthene
Concen: 1.590 ng
RT: 22.663 min Scan# 2622
Delta R.T. -0.041 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:252 Resp: 97236

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.8	29.8
125	14.5	15.8	23.8#



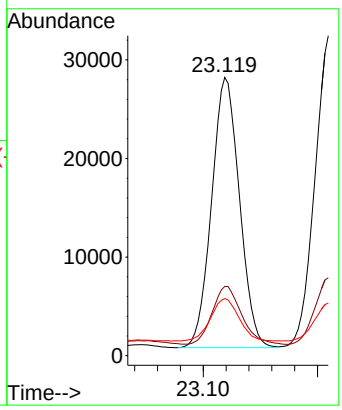


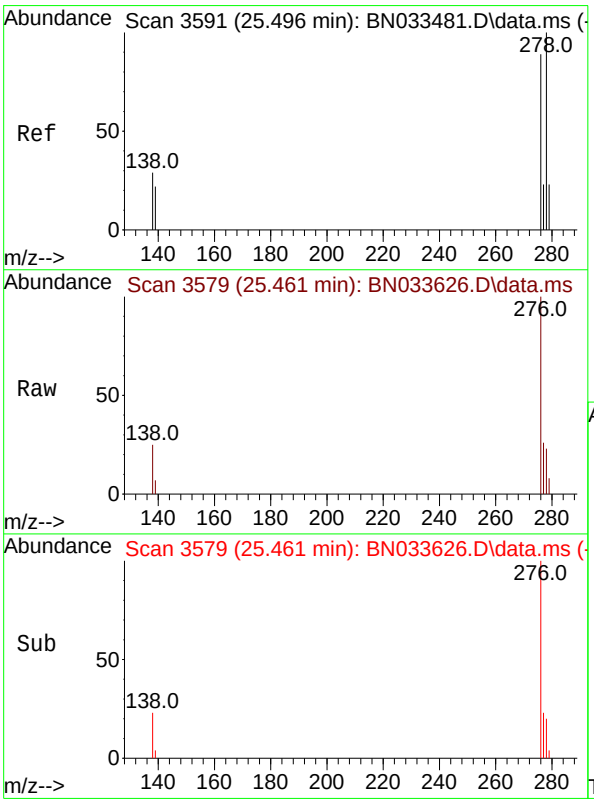
#39
Benzo(a)pyrene
Concen: 0.902 ng
RT: 23.119 min Scan# 2
Delta R.T. -0.091 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:252 Resp: 46389

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.5	32.3
125	20.5	17.0	25.4

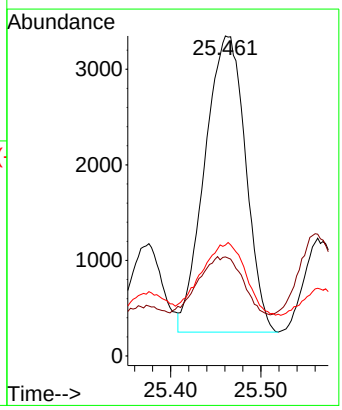


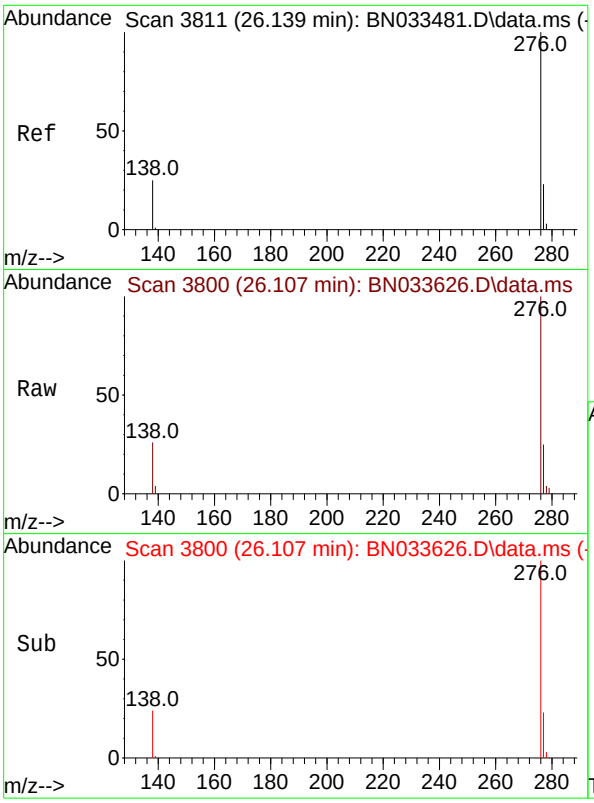


#40
Dibenzo(a,h)anthracene
Concen: 0.176 ng
RT: 25.461 min Scan# 3579
Delta R.T. -0.009 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Tgt Ion:278 Resp: 9743

Ion	Ratio	Lower	Upper
278	100		
139	31.0	19.1	28.7#
279	34.6	21.0	31.4#





#41
Benzo(g,h,i)perylene
Concen: 0.730 ng
RT: 26.107 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN033626.D
Acq: 26 Aug 2024 17:32

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524DL

Tgt Ion:276 Resp: 43126

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	26.4	21.8	32.6