Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033576.D
Acq On : 23 Aug 2024 05:54
Operator : MA/JU
Sample : P3660-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Quant Time: Aug 23 06:58:25 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	7.545	152	8038	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	20821	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	10027	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19198	0.400	ng	0.00
29) Chrysene-d12	21.130	240	17574	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	18720	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6313	0.247	ng	0.00
5) Phenol-d6	6.736	99	7849	0.258	ng	0.00
8) Nitrobenzene-d5	8.681	82	5121	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	11.899	152	7129	0.239	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1285	0.238	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	9003	0.220	ng	0.00
27) Fluoranthene-d10	18.970	212	8608	0.187	ng	0.00
31) Terphenyl-d14	19.583	244	5270	0.132	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	315	0.034	ng	# 1
3) n-Nitrosodimethylamine	3.399	42	10167	0.945	ng	# 1
6) bis(2-Chloroethyl)ether	6.996	93	13353	0.620	ng	# 22
9) Naphthalene	10.357	128	3567	0.064	ng	# 92
12) 2-Methylnaphthalene	11.975	142	1550	0.044	ng	# 91
16) Acenaphthylene	13.900	152	3786	0.086	ng	99
17) Acenaphthene	14.242	154	9551	0.309	ng	97
18) Fluorene	15.236	166	9279	0.238	ng	92
25) Phenanthrene	16.967	178	223298	4.181	ng	96
26) Anthracene	17.066	178	31149	0.659	ng	# 92
28) Fluoranthene	19.003	202	565280	9.578	ng	100
30) Pyrene	19.365	202	483079	6.159	ng	# 95
32) Benzo(a)anthracene	21.121	228	233910	3.681	ng	98
33) Chrysene	21.166	228	282467	4.473	ng	97
34) Bis(2-ethylhexyl)phtha...	21.077	149	16694	0.415	ng	93
36) Indeno(1,2,3-cd)pyrene	25.449	276	208691	2.685	ng	94
37) Benzo(b)fluoranthene	22.660	252	432377	6.185	ng	# 93
38) Benzo(k)fluoranthene	22.660	252	432377	6.284	ng	# 91
39) Benzo(a)pyrene	23.116	252	209046	3.614	ng	93
40) Dibenzo(a,h)anthracene	25.458	278	46166	0.743	ng	99
41) Benzo(g,h,i)perylene	26.104	276	211442	3.182	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033576.D
Acq On : 23 Aug 2024 05:54
Operator : MA/JU
Sample : P3660-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Quant Time: Aug 23 06:58:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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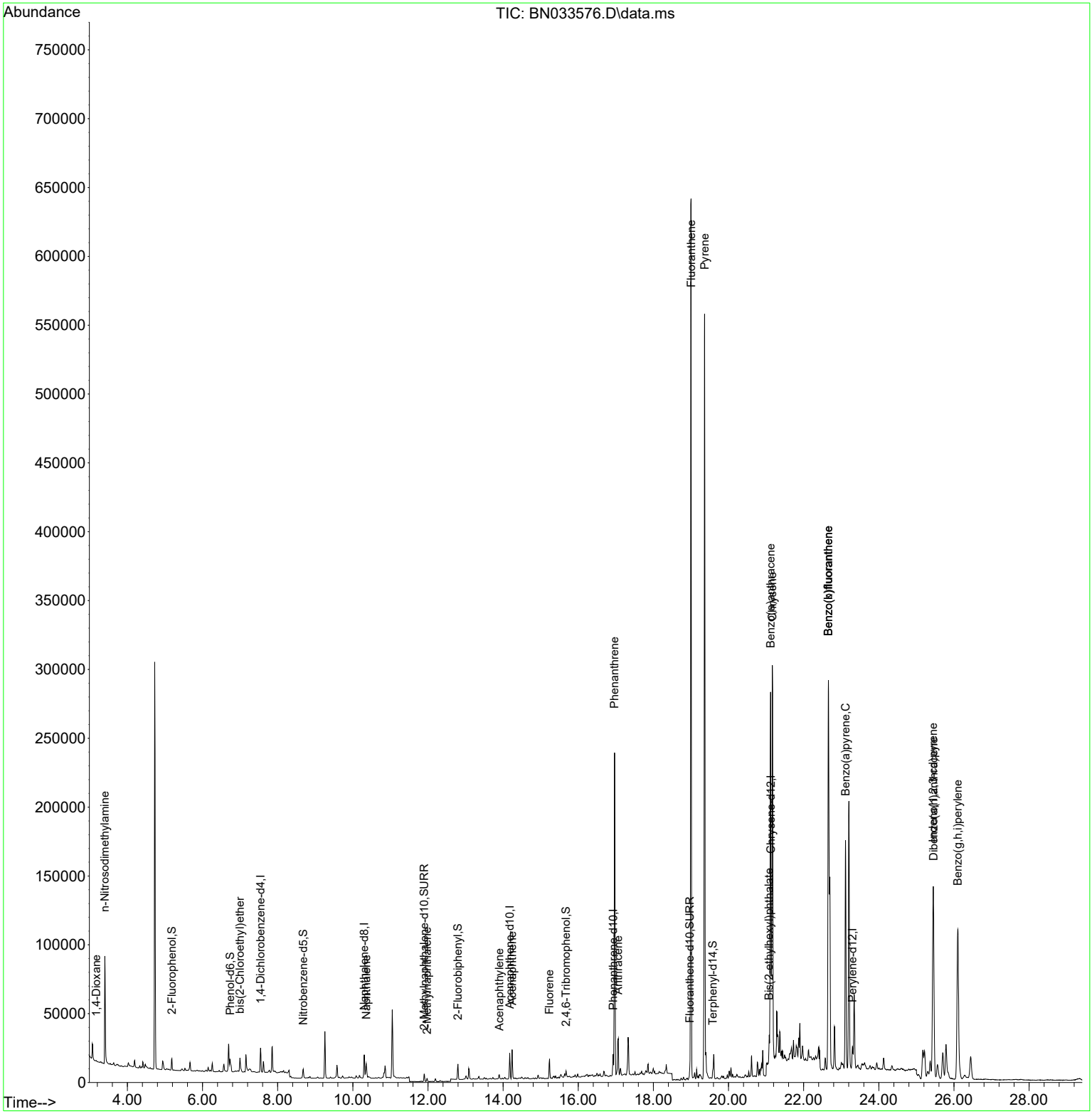
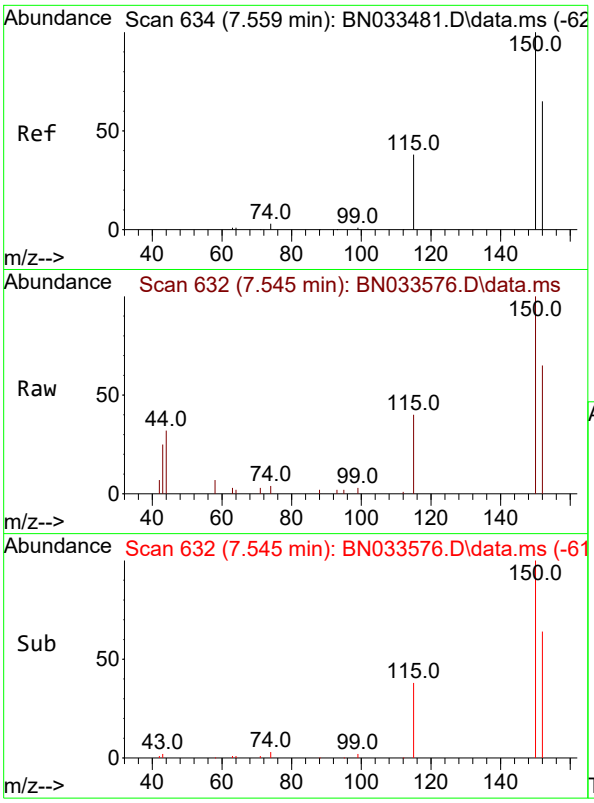


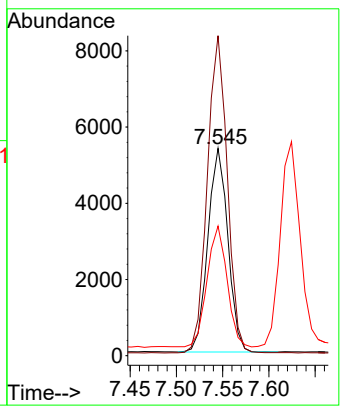


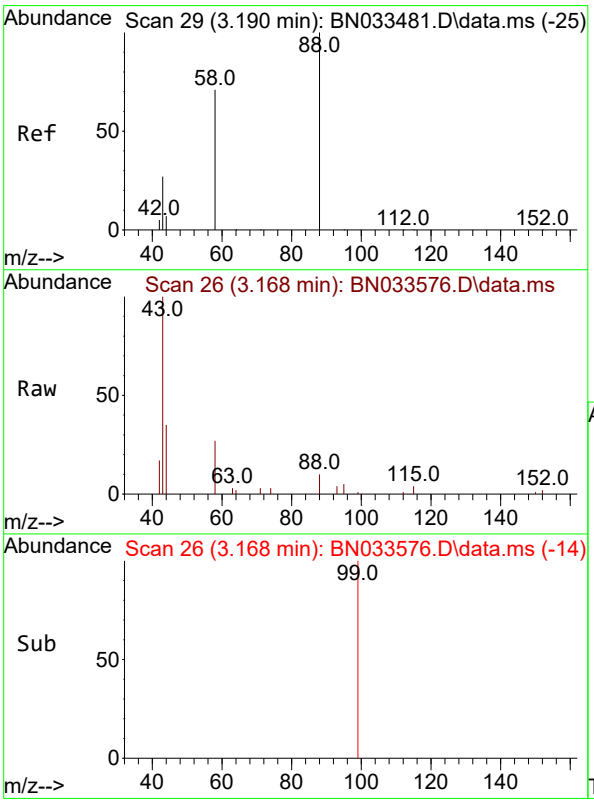
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:152 Resp: 8038

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.2	183.2
115	62.5	47.2	70.8

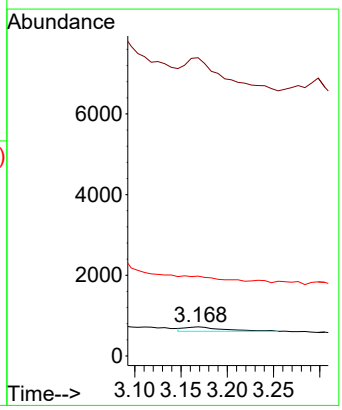


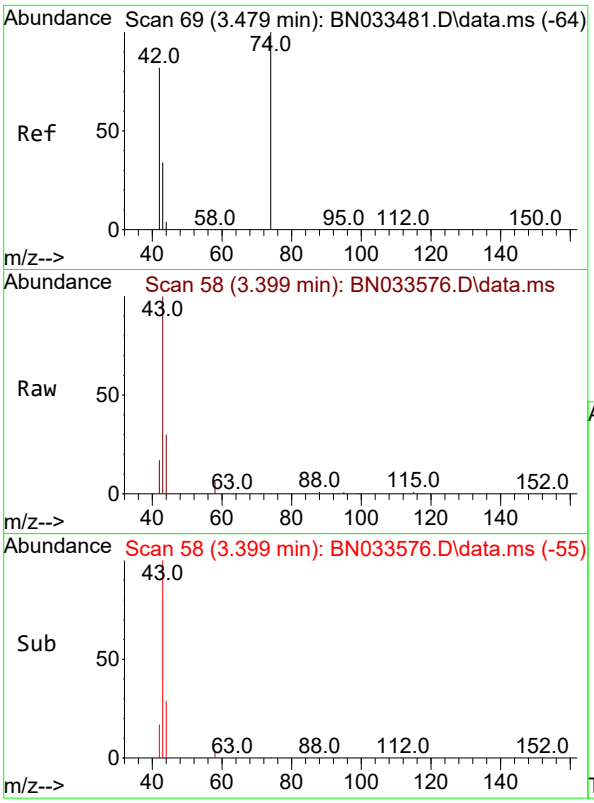


#2
1,4-Dioxane
Concen: 0.034 ng
RT: 3.168 min Scan# 26
Delta R.T. -0.015 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion: 88 Resp: 315

Ion	Ratio	Lower	Upper
88	100		
43	726.0	25.0	37.4#
58	0.0	62.5	93.7#



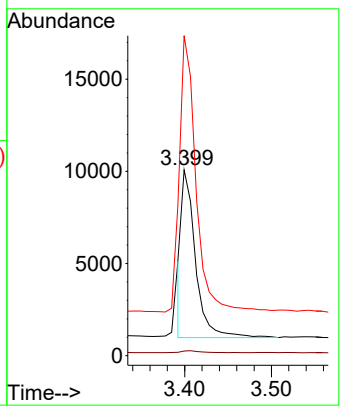


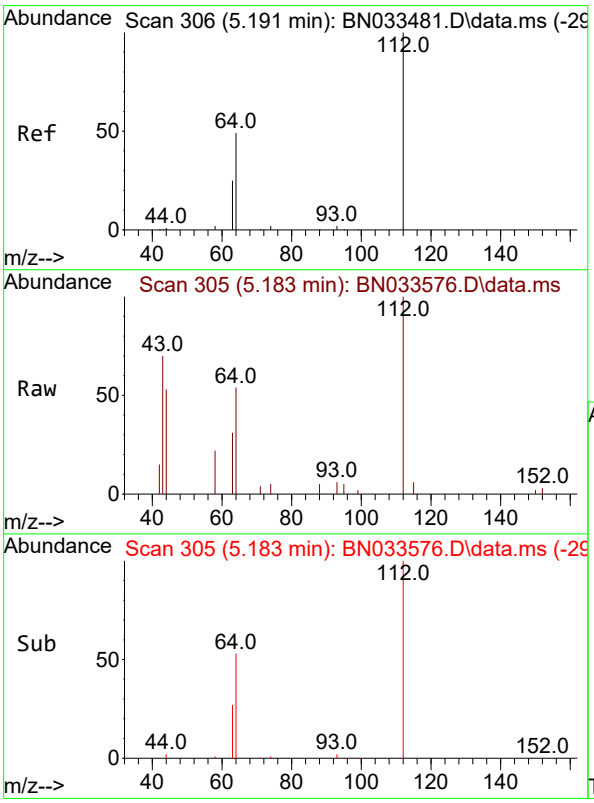
#3
n-Nitrosodimethylamine
Concen: 0.945 ng
RT: 3.399 min Scan# 5
Delta R.T. -0.080 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion: 42 Resp: 10167

Ion	Ratio	Lower	Upper
42	100		
74	1.6	100.2	150.2#
44	164.2	5.3	7.9#

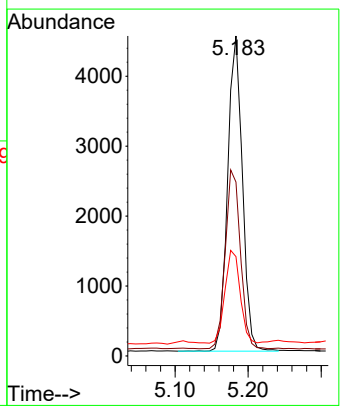


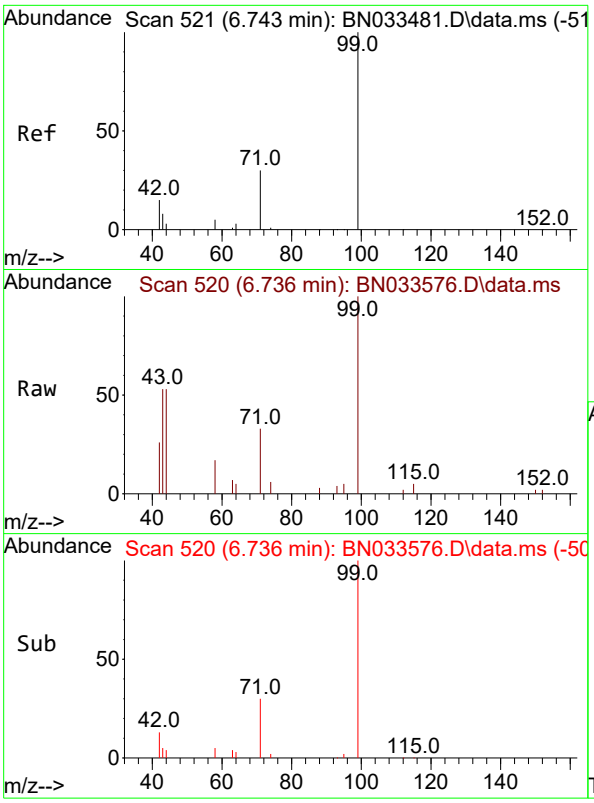


#4
2-Fluorophenol
Concen: 0.247 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:112 Resp: 6313

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.1	70.7
63	30.4	24.9	37.3



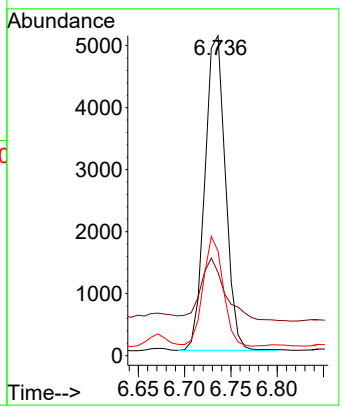


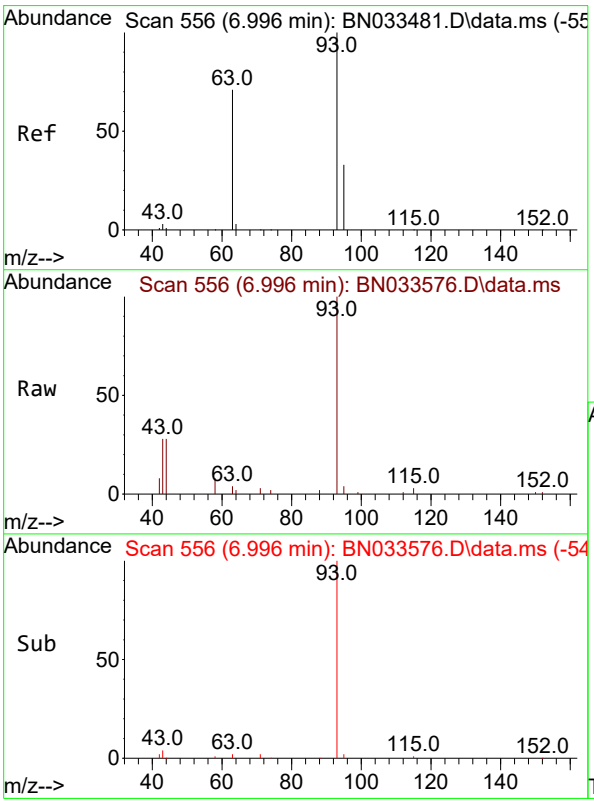
#5
Phenol-d6
Concen: 0.258 ng
RT: 6.736 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion: 99 Resp: 7849

Ion	Ratio	Lower	Upper
99	100		
42	23.5	16.6	24.8
71	33.9	26.2	39.4

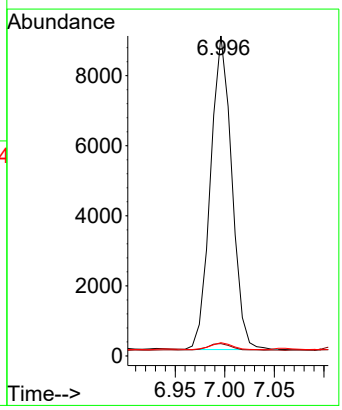


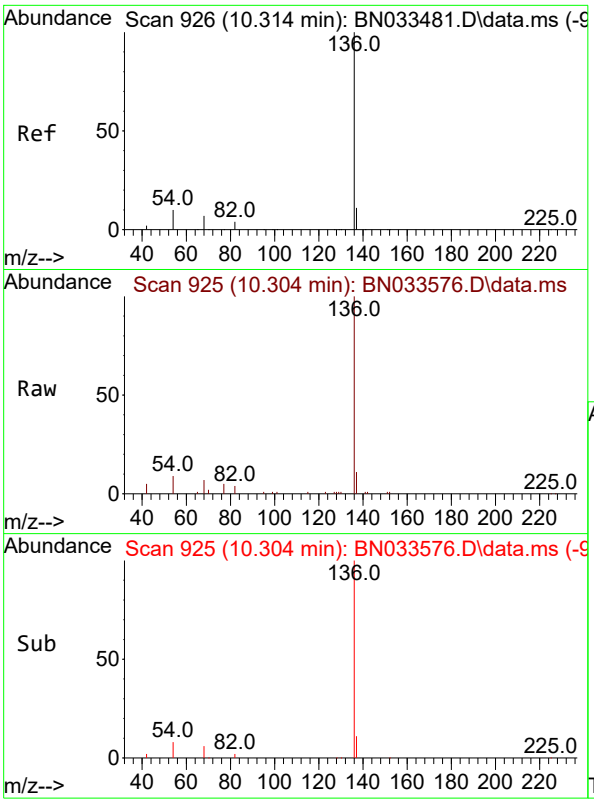


#6
bis(2-Chloroethyl)ether
Concen: 0.620 ng
RT: 6.996 min Scan# 556
Delta R.T. 0.014 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion: 93 Resp: 13353

Ion	Ratio	Lower	Upper
93	100		
63	2.2	63.0	94.4#
95	2.2	26.0	39.0#



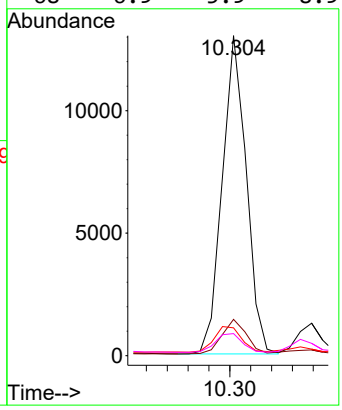


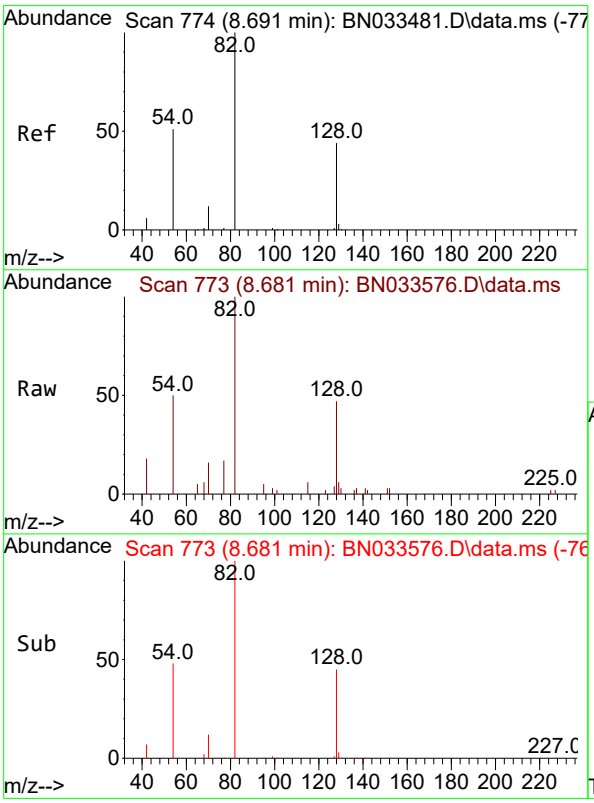
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:136 Resp: 20821

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.7	8.3	12.5
68	6.9	5.9	8.9

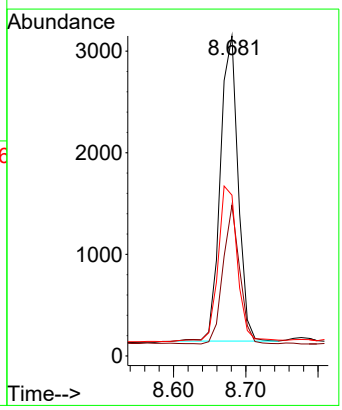


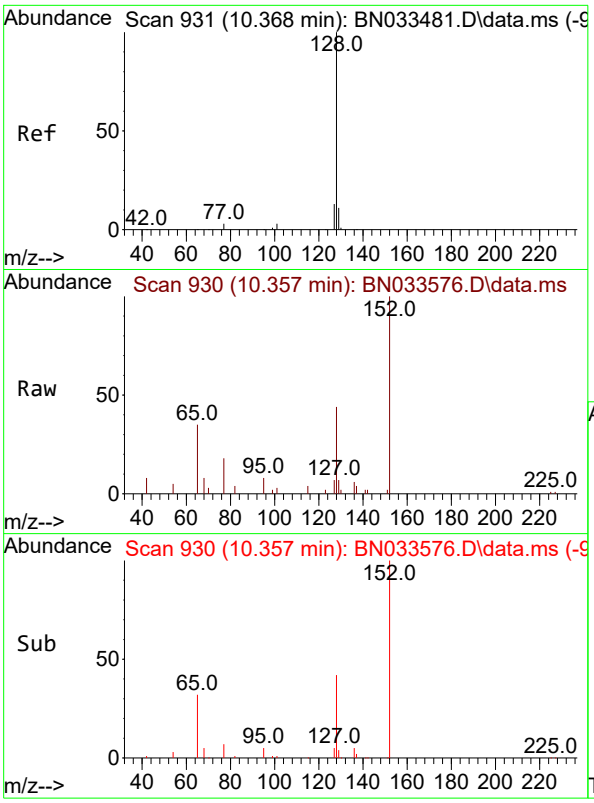


#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion: 82 Resp: 5121

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.0	54.0
54	50.3	42.0	63.0



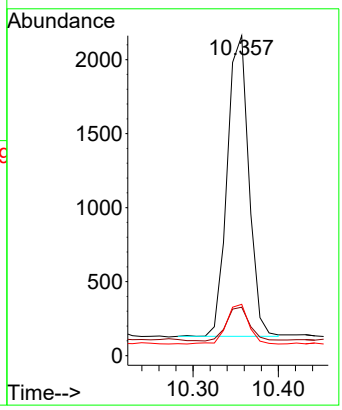


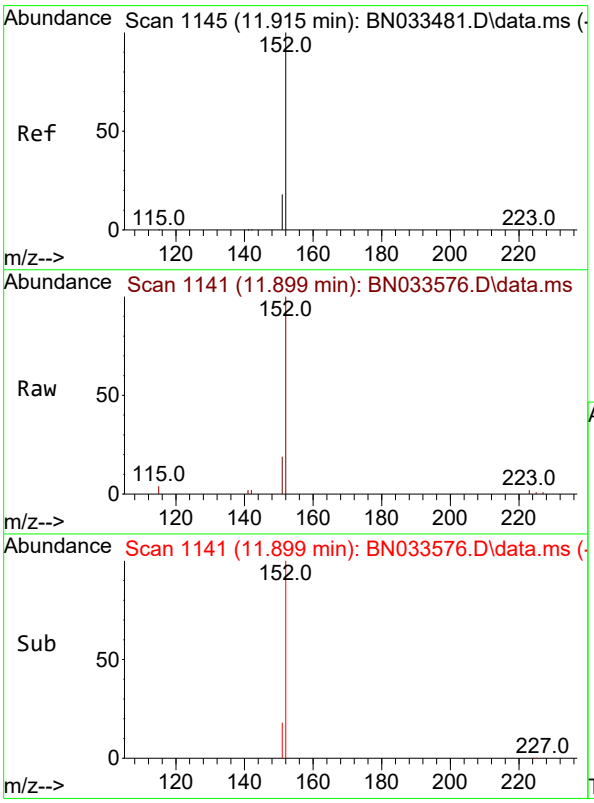
#9
Naphthalene
Concen: 0.064 ng
RT: 10.357 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:128 Resp: 3567

Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.1	13.7#
127	16.0	10.7	16.1

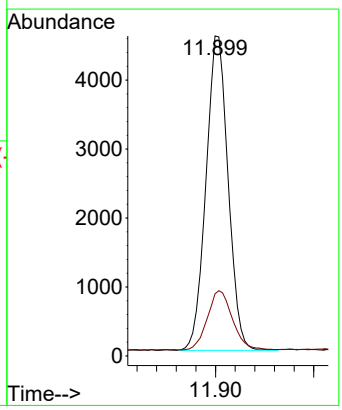


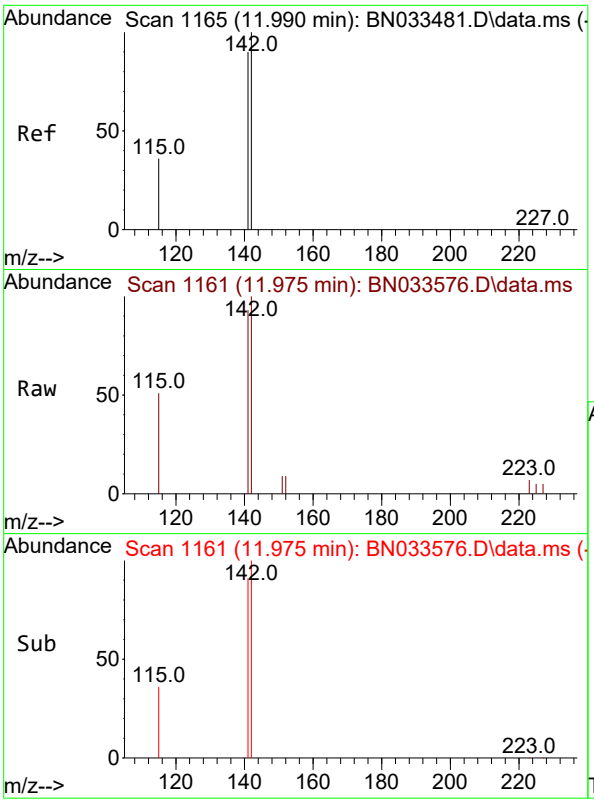


#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 11.899 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:152 Resp: 7129

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	25.0



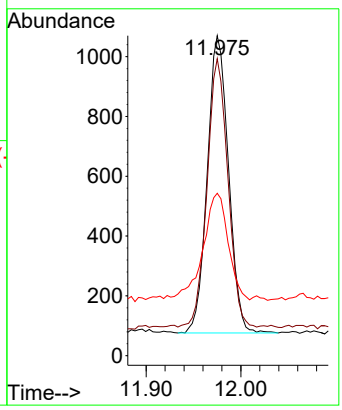


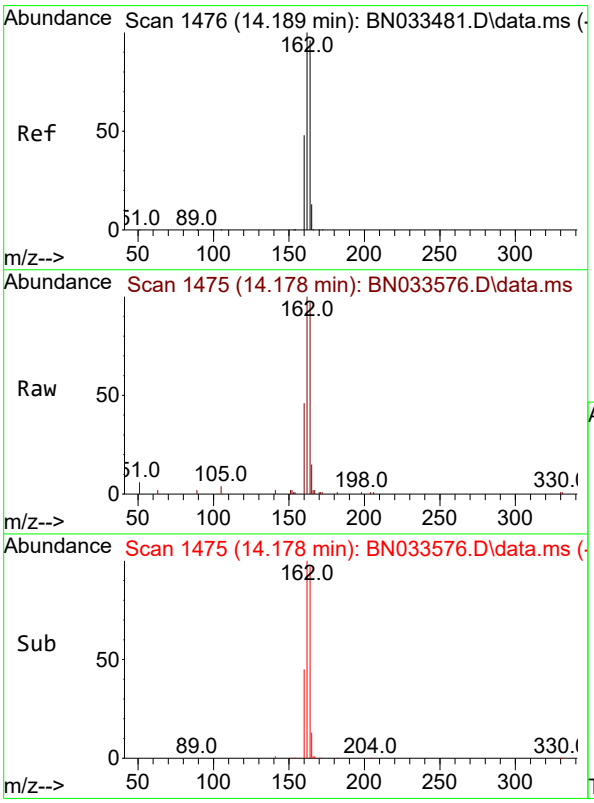
#12
2-Methylnaphthalene
Concen: 0.044 ng
RT: 11.975 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:142 Resp: 1550

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.7	107.5
115	50.7	29.4	44.2#

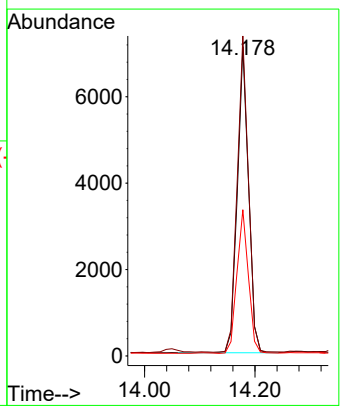


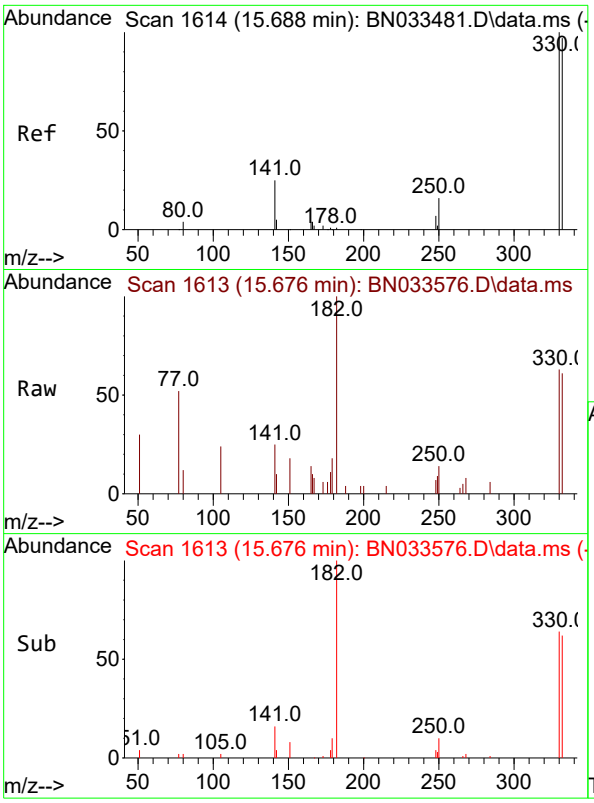


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:164 Resp: 10027

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.5	125.3
160	47.3	40.2	60.4



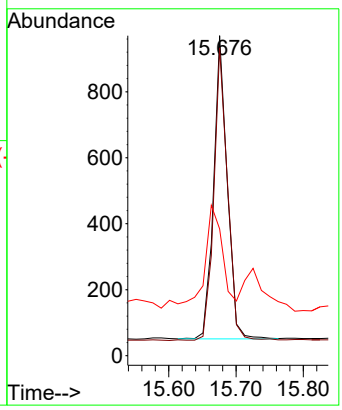


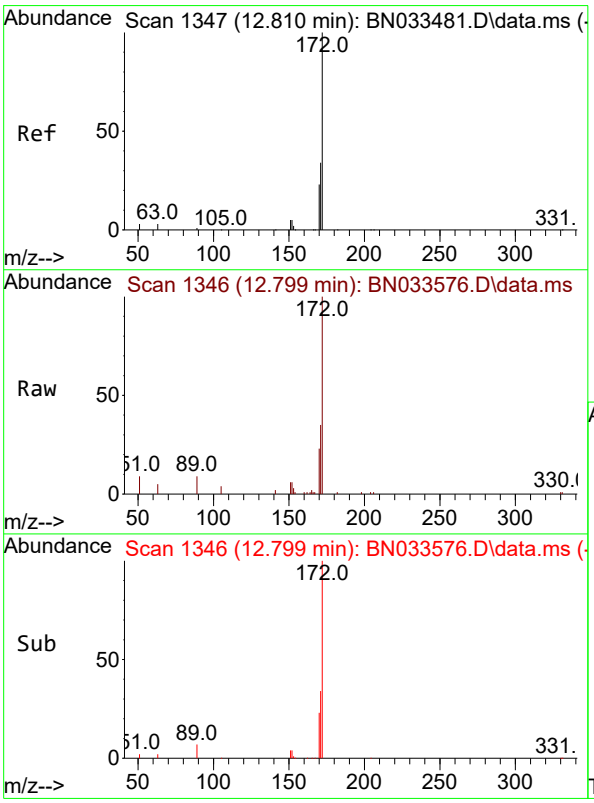
#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:330 Resp: 1285

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.5	116.3
141	38.1	33.9	50.9

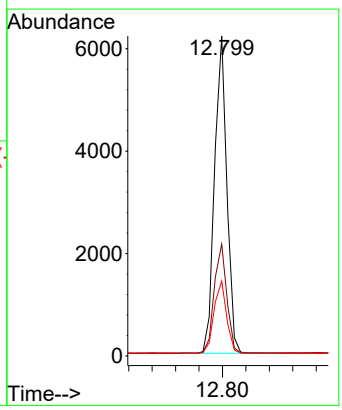


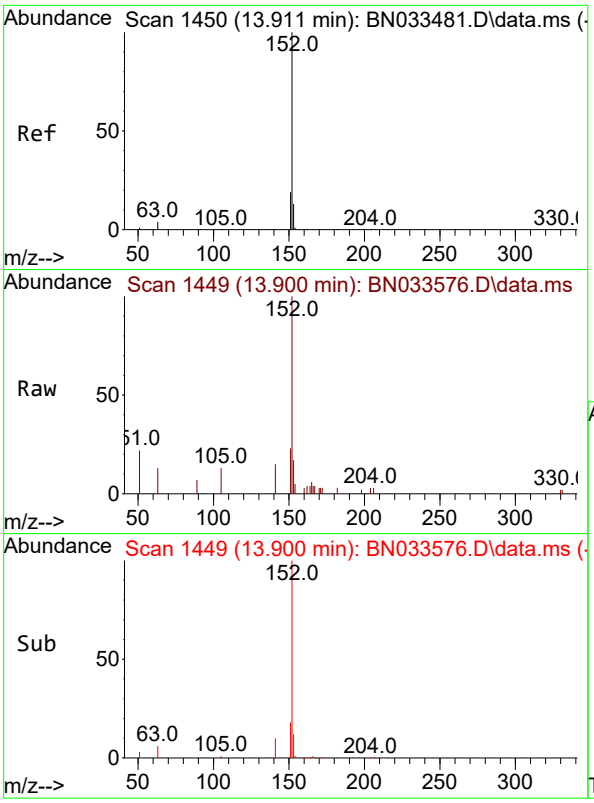


#15
2-Fluorobiphenyl
Concen: 0.220 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:172 Resp: 9003

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.4	18.3	27.5



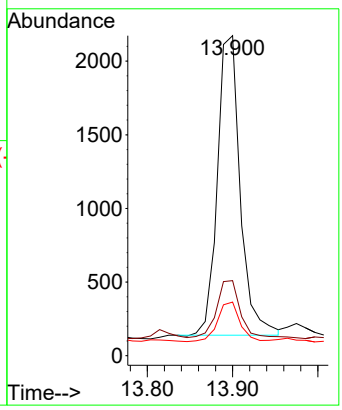


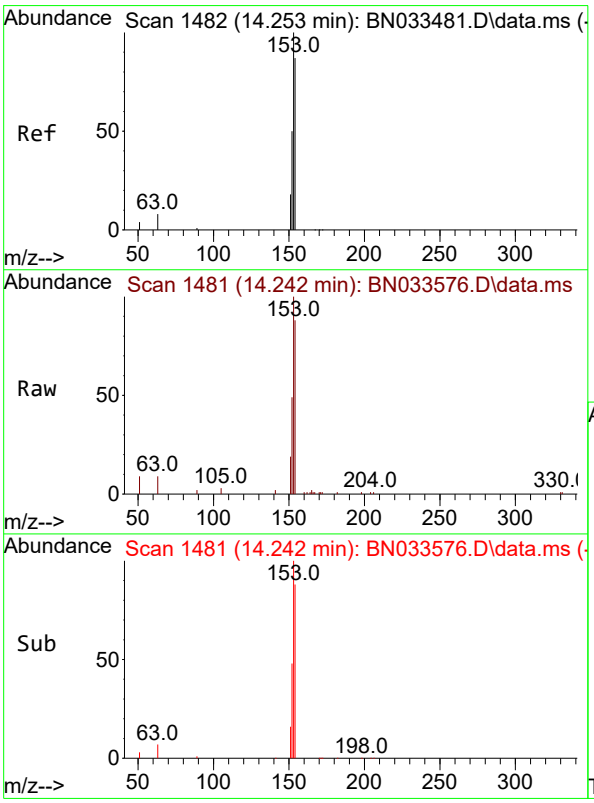
#16
Acenaphthylene
Concen: 0.086 ng
RT: 13.900 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:152 Resp: 3786

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.0	10.3	15.5

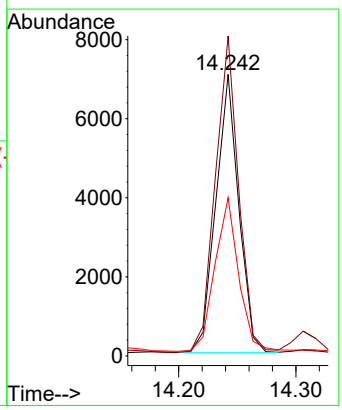


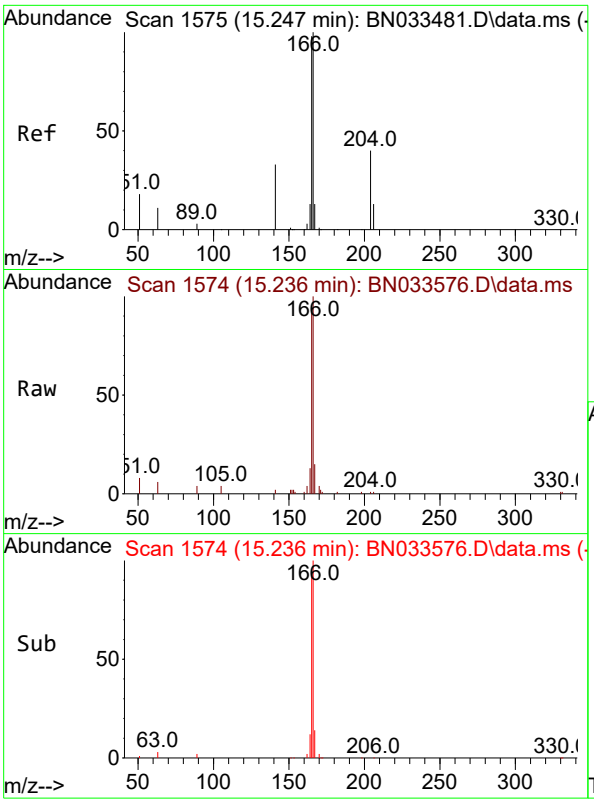


#17
Acenaphthene
Concen: 0.309 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:154 Resp: 9551

Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.0	133.6
152	57.3	45.2	67.8



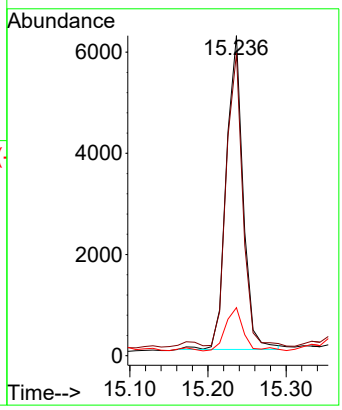


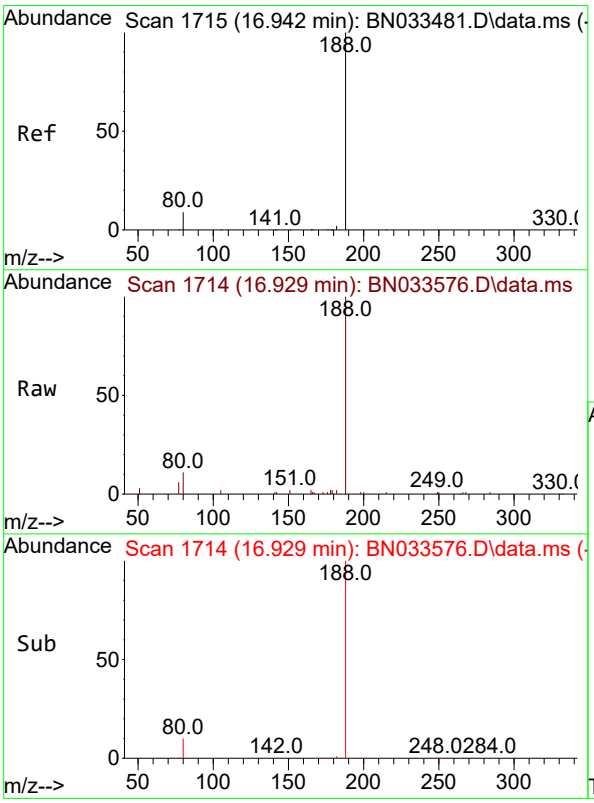
#18
Fluorene
Concen: 0.238 ng
RT: 15.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:166 Resp: 9279

Ion	Ratio	Lower	Upper
166	100		
165	89.8	78.2	117.4
167	14.8	10.6	16.0

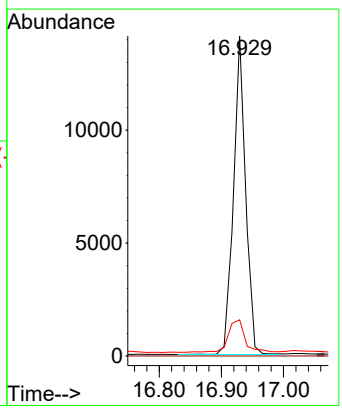


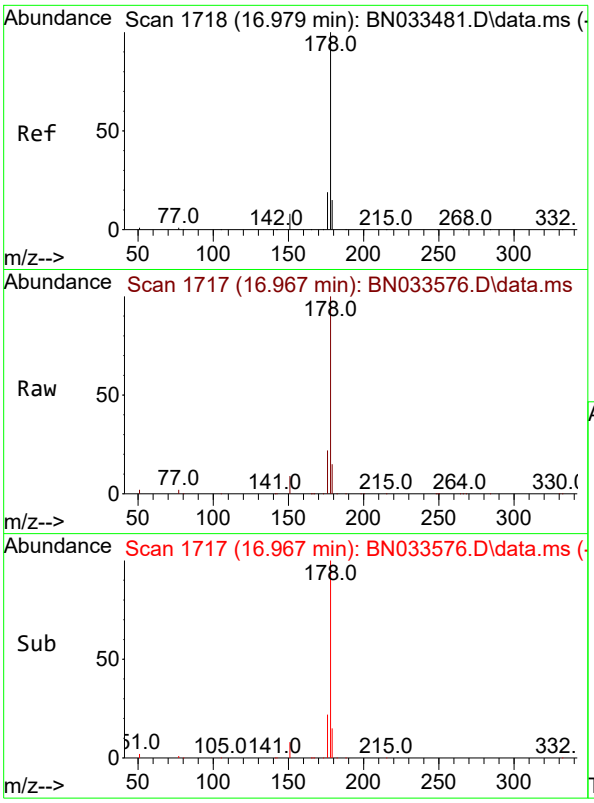


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:188 Resp: 19198

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	7.8	11.8



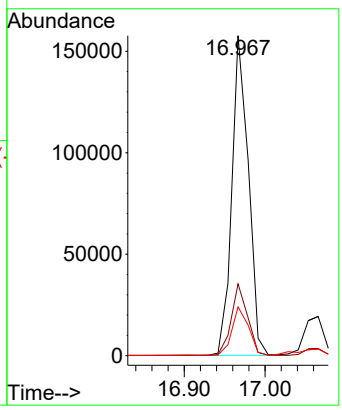


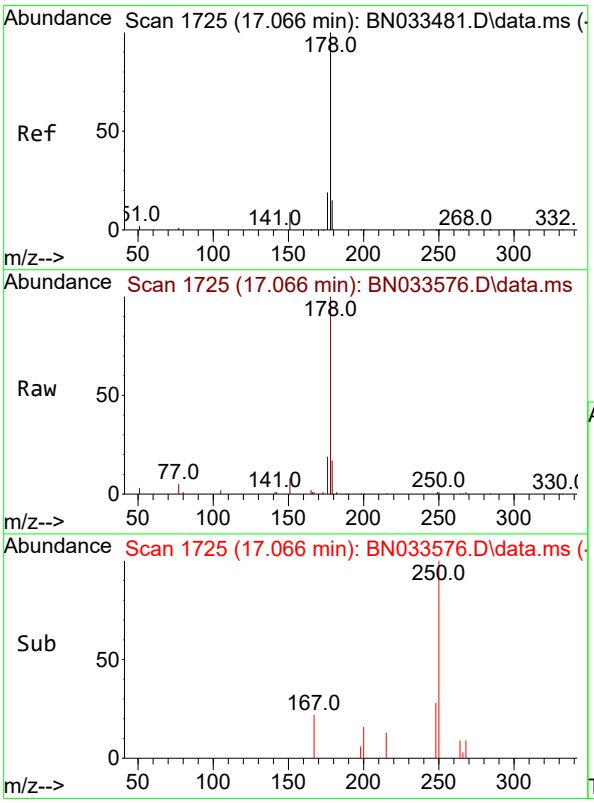
#25
Phenanthrene
Concen: 4.181 ng
RT: 16.967 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:178 Resp: 223298

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.3	22.9
179	15.2	12.3	18.5

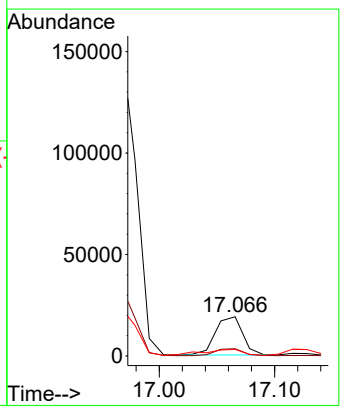


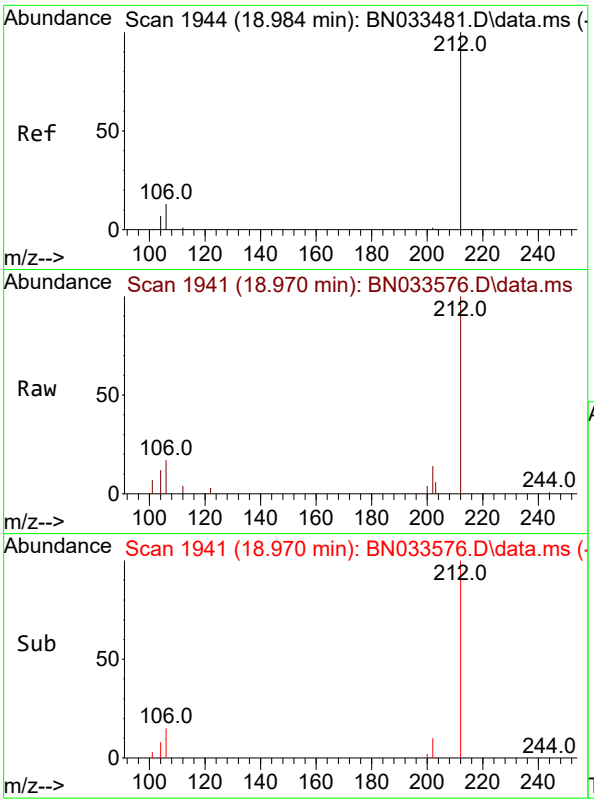


#26
Anthracene
Concen: 0.659 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:178 Resp: 31149

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	22.0	12.4	18.6#



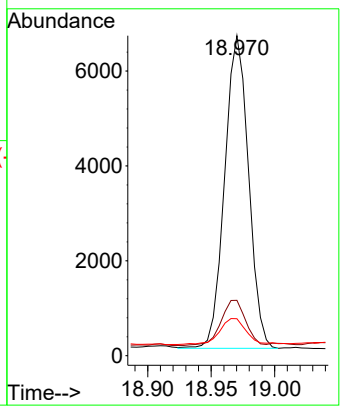


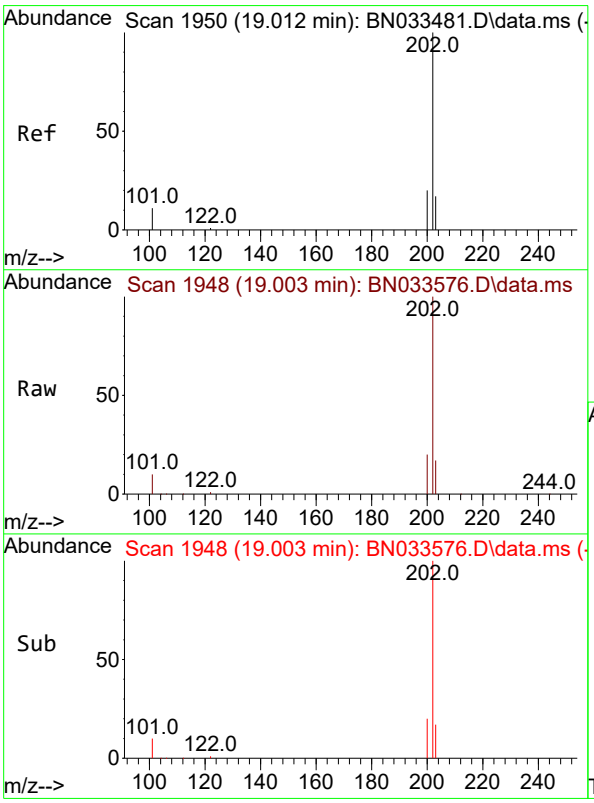
#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 18.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:212 Resp: 8608

Ion	Ratio	Lower	Upper
212	100		
106	14.8	12.3	18.5
104	9.3	7.0	10.4

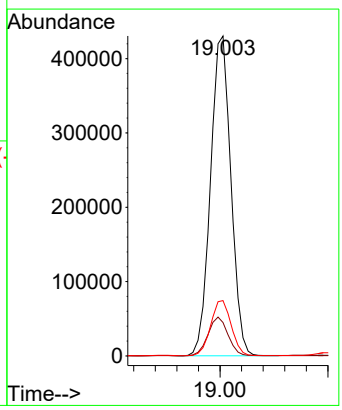


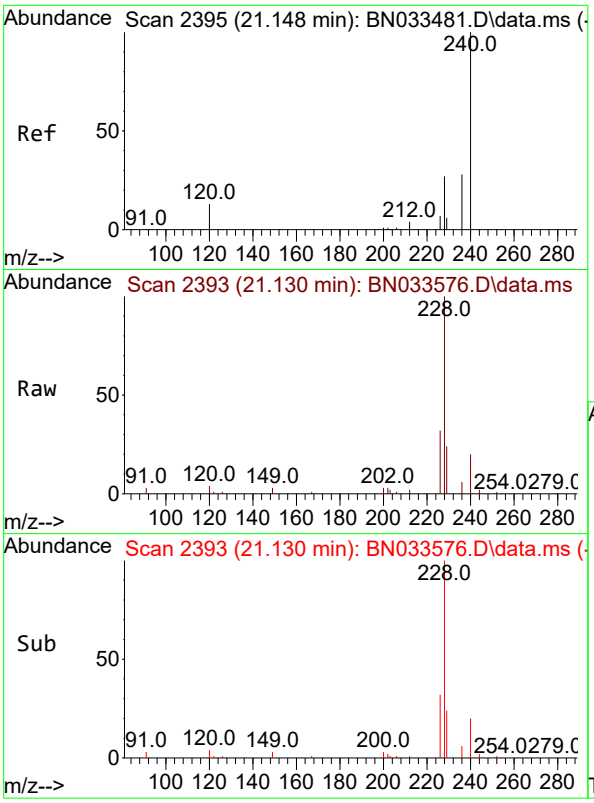


#28
Fluoranthene
Concen: 9.578 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:202 Resp: 565280

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
203	17.3	13.8	20.6



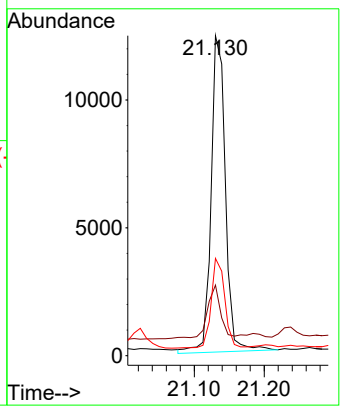


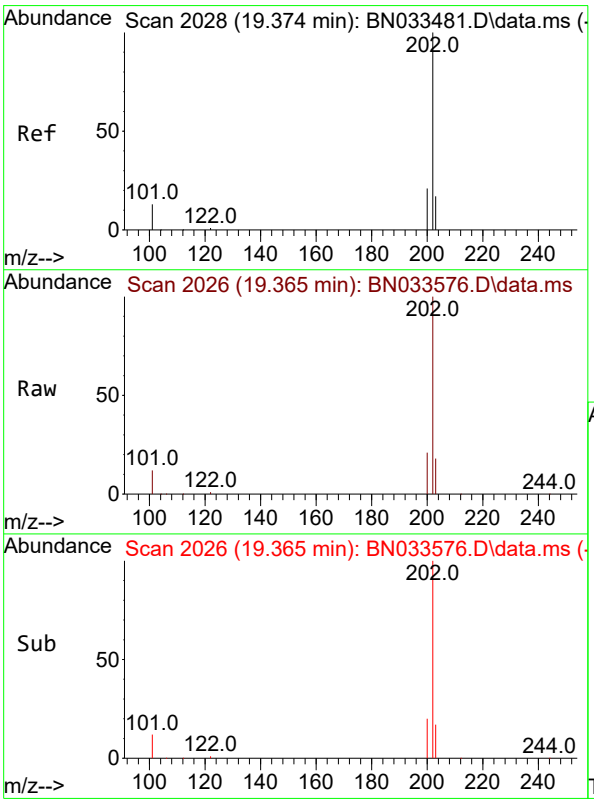
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.130 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:240 Resp: 17574

Ion	Ratio	Lower	Upper
240	100		
120	22.0	12.4	18.6#
236	30.4	23.0	34.6

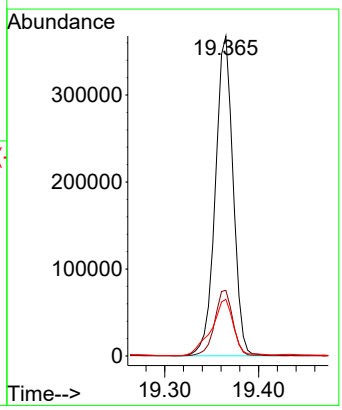


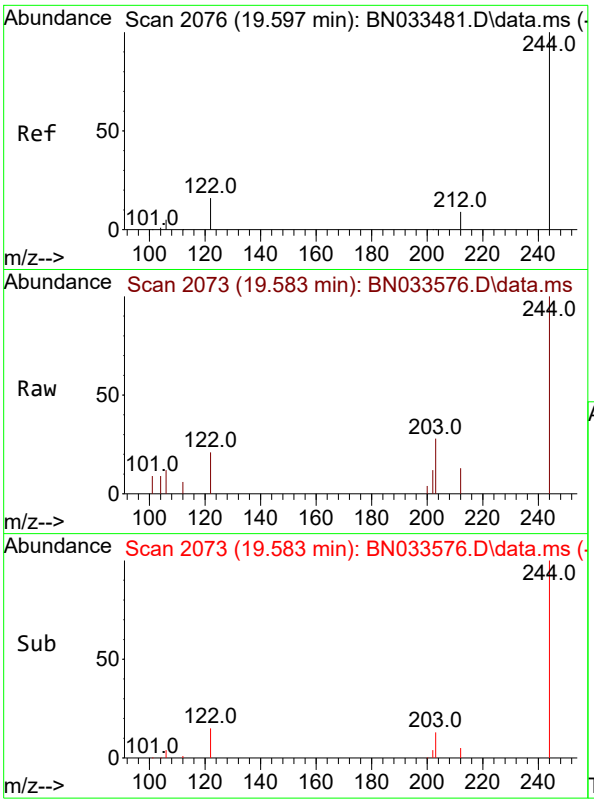


#30
Pyrene
Concen: 6.159 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:202 Resp: 483079

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	22.0	14.2	21.4#



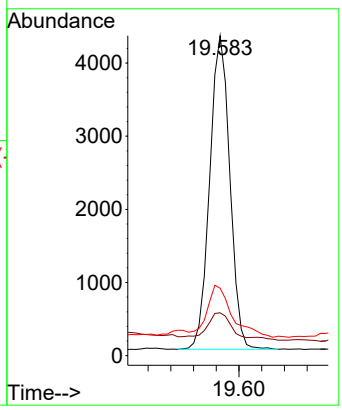


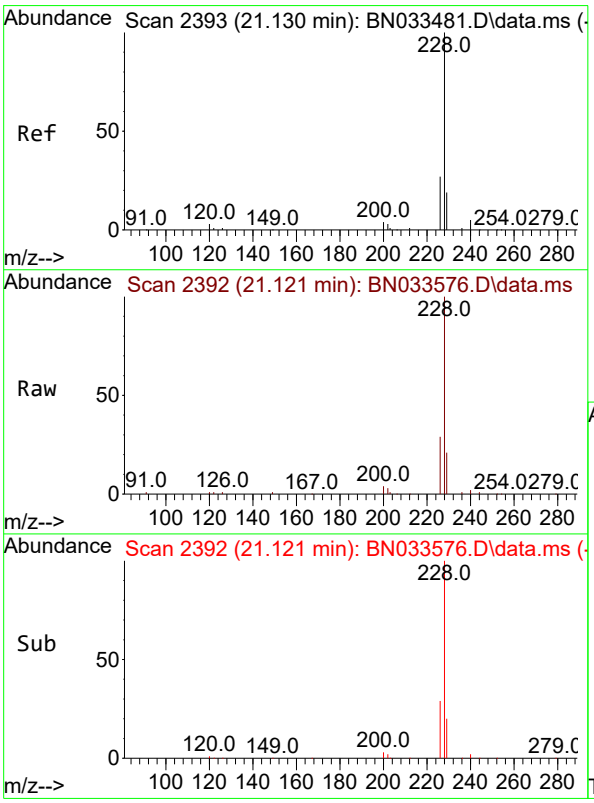
#31
Terphenyl-d14
Concen: 0.132 ng
RT: 19.583 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:244 Resp: 5270

Ion	Ratio	Lower	Upper
244	100		
212	13.4	7.8	11.6#
122	21.1	13.3	19.9#

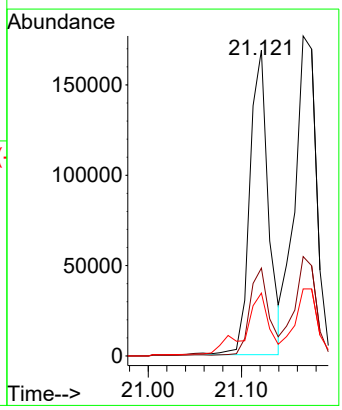


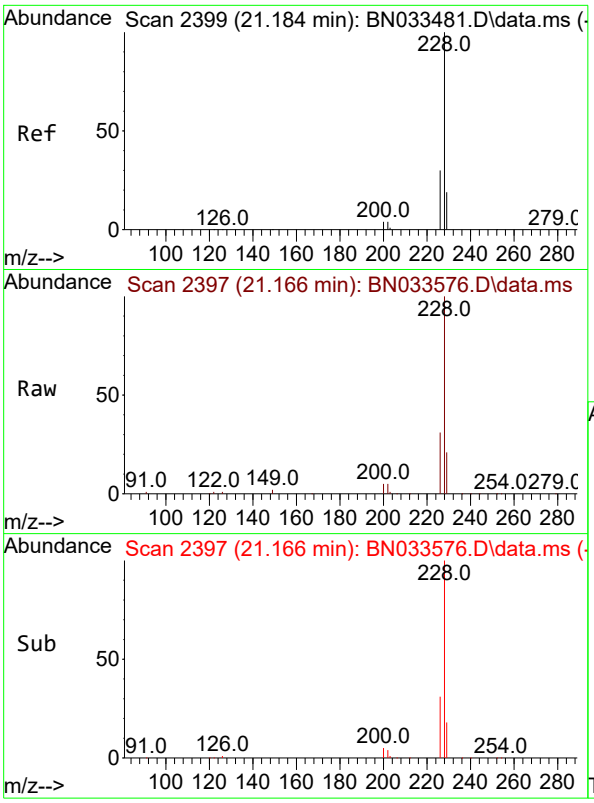


#32
Benzo(a)anthracene
Concen: 3.681 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:228 Resp: 233910

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.6
229	20.6	15.8	23.6



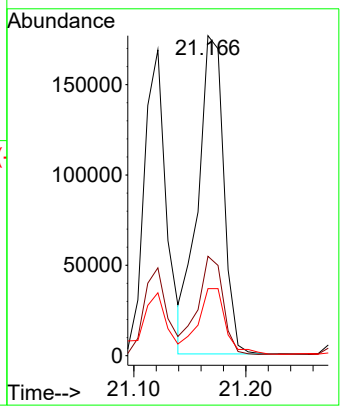


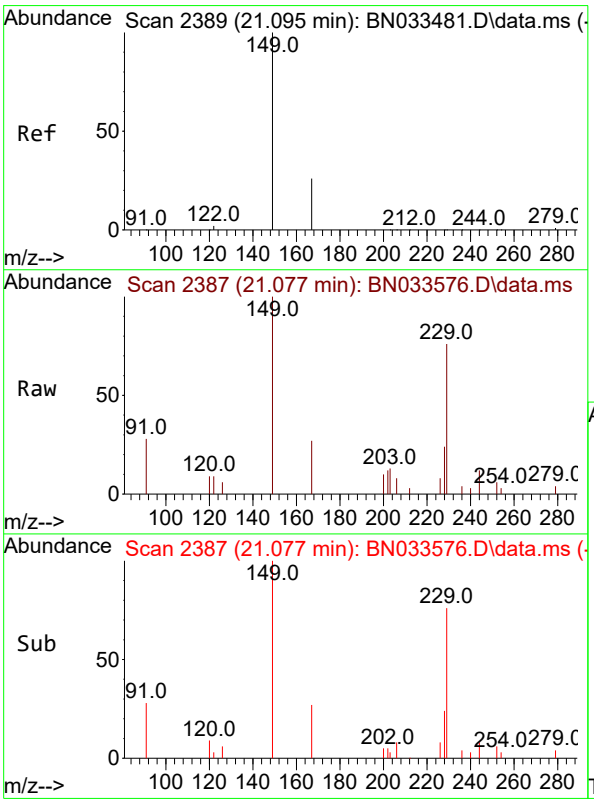
#33
Chrysene
Concen: 4.473 ng
RT: 21.166 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:228 Resp: 282467

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	20.9	15.6	23.4

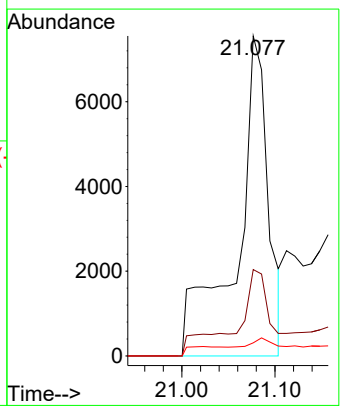


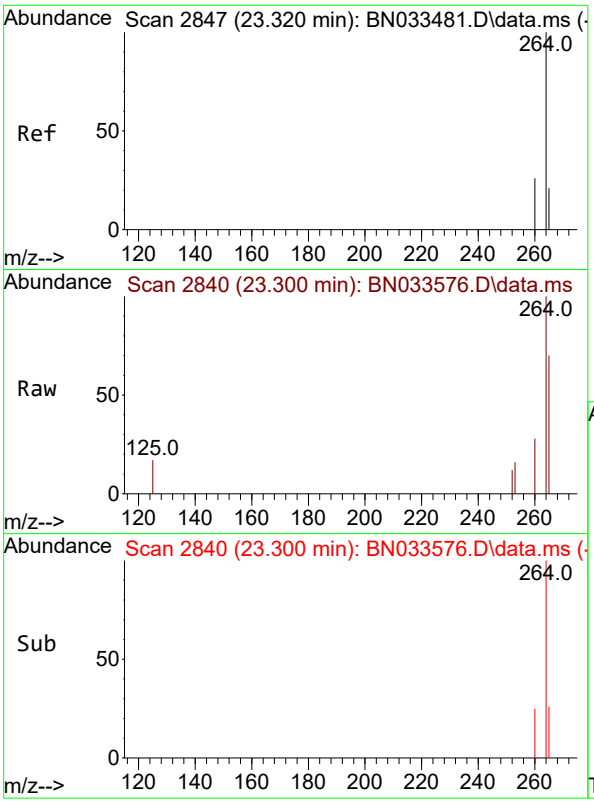


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.415 ng
RT: 21.077 min Scan# 2387
Delta R.T. -0.009 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:149 Resp: 16694

Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.5	32.3
279	3.0	2.2	3.2



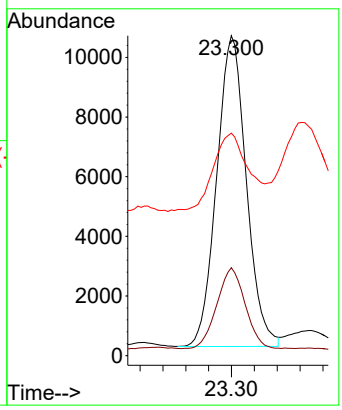


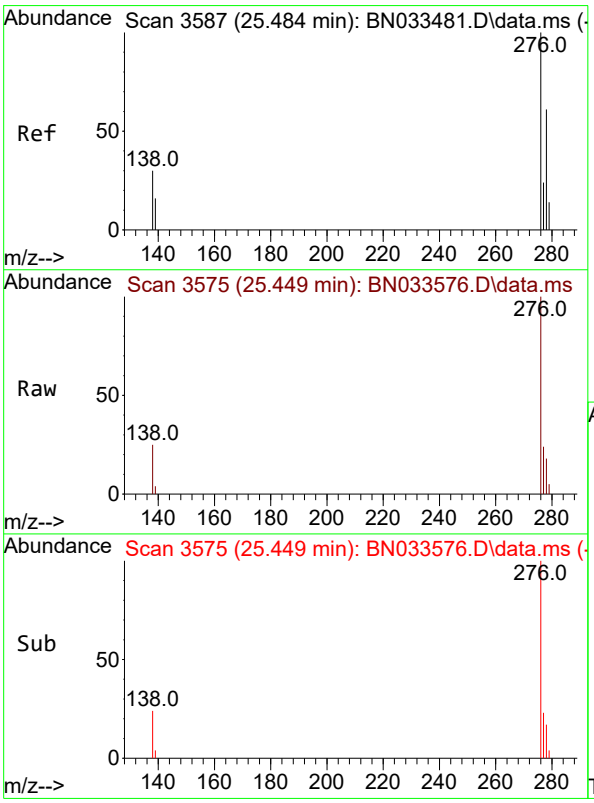
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.300 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:264 Resp: 18720

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.8	31.2
265	69.6	52.2	78.2

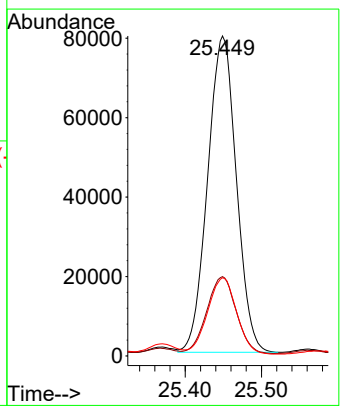


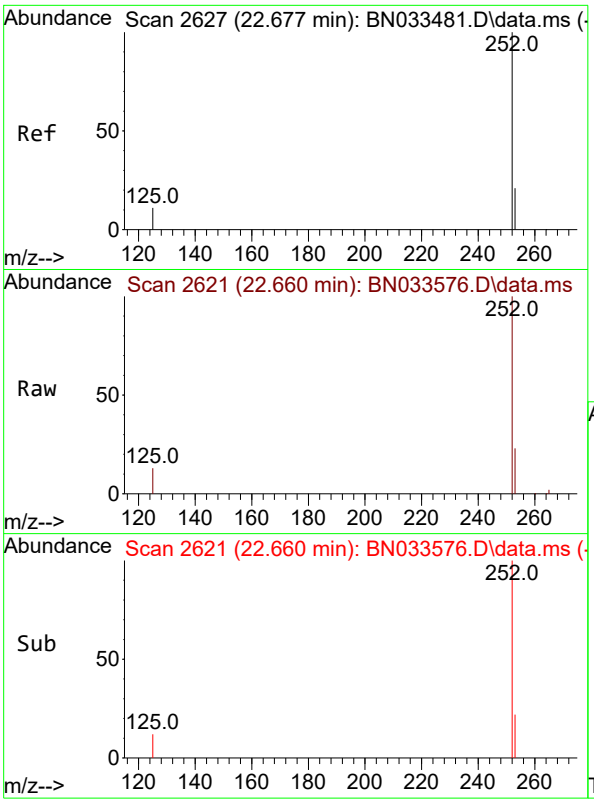


#36
Indeno(1,2,3-cd)pyrene
Concen: 2.685 ng
RT: 25.449 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:276 Resp: 208691

Ion	Ratio	Lower	Upper
276	100		
138	24.8	24.4	36.6
277	24.4	19.8	29.6



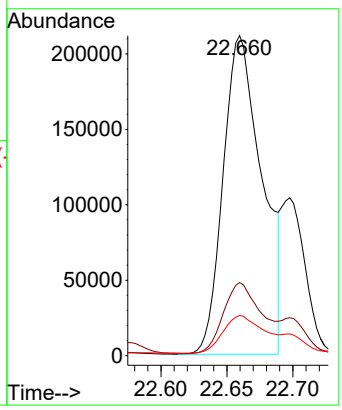


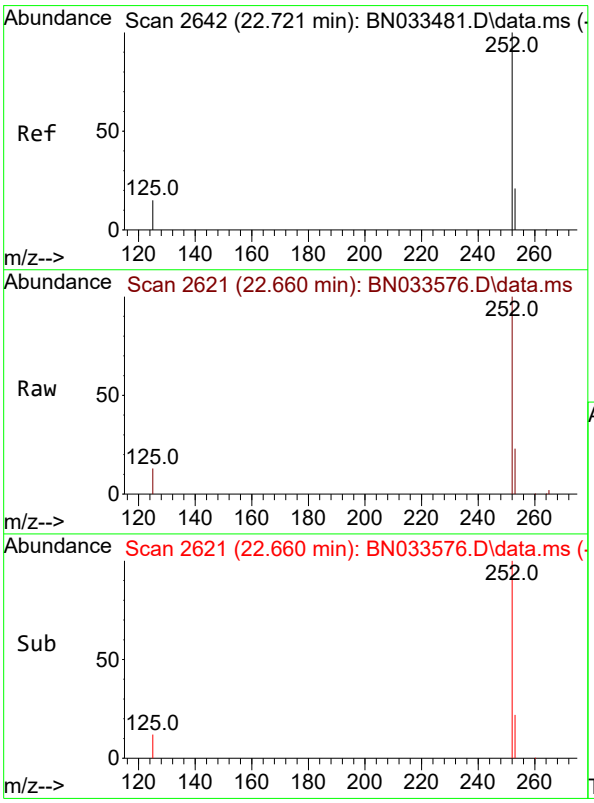
#37
Benzo(b)fluoranthene
Concen: 6.185 ng
RT: 22.660 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:252 Resp: 432377

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.8	29.8
125	12.6	13.9	20.9#

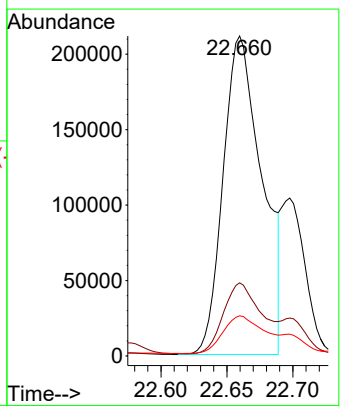


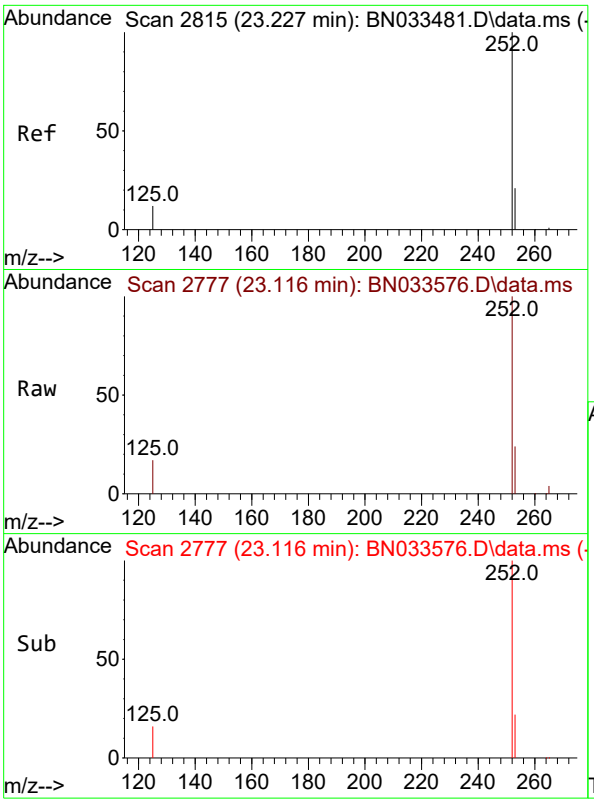


#38
Benzo(k)fluoranthene
Concen: 6.284 ng
RT: 22.660 min Scan# 2621
Delta R.T. -0.044 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:252 Resp: 432377

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.8	29.8
125	12.6	15.8	23.8#



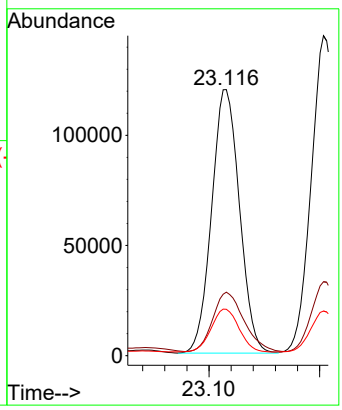


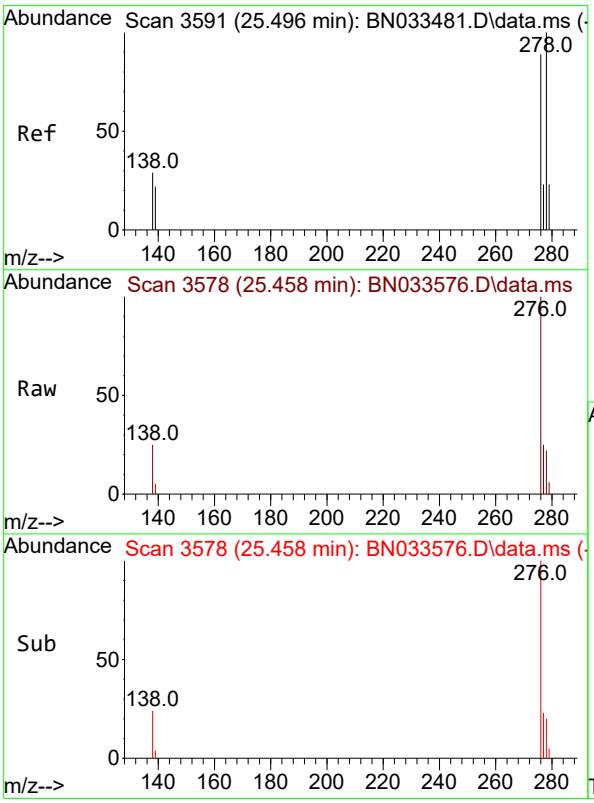
#39
Benzo(a)pyrene
Concen: 3.614 ng
RT: 23.116 min Scan# 2
Delta R.T. -0.094 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:252 Resp: 209046

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.5	32.3
125	17.4	17.0	25.4

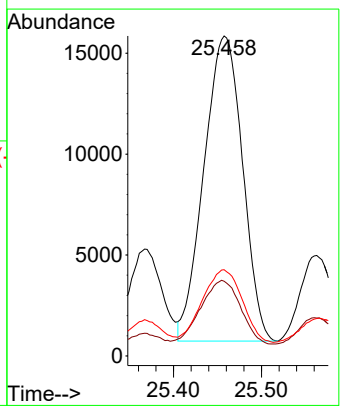


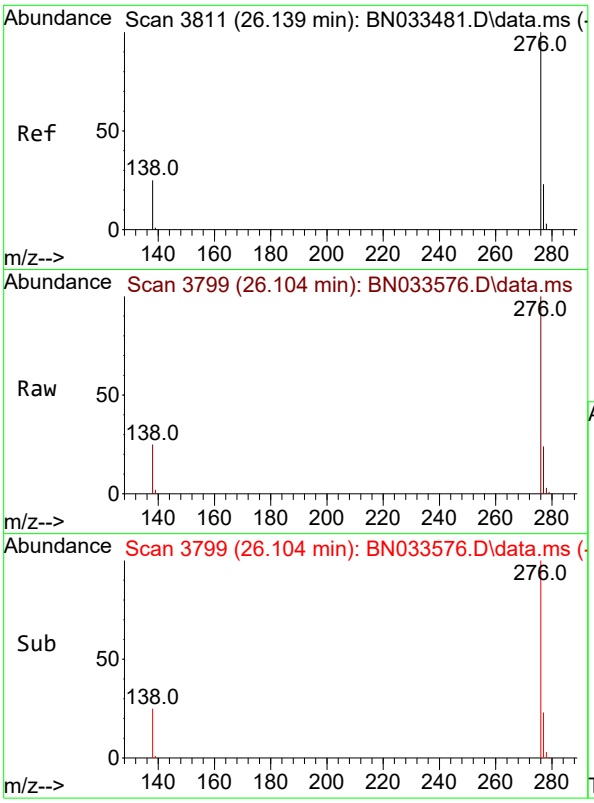


#40
Dibenzo(a,h)anthracene
Concen: 0.743 ng
RT: 25.458 min Scan# 3578
Delta R.T. -0.012 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Tgt Ion:278 Resp: 46166

Ion	Ratio	Lower	Upper
278	100		
139	23.3	19.1	28.7
279	26.9	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 3.182 ng
RT: 26.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN033576.D
Acq: 23 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:276 Resp: 211442

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.7	29.5
138	25.4	21.8	32.6