Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033553.D
Acq On : 22 Aug 2024 15:18
Operator : MA/JU
Sample : P3660-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Quant Time: Aug 22 16:52:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	7406	0.400	ng		-0.01
7) Naphthalene-d8	10.304	136	19324	0.400	ng		-0.01
13) Acenaphthene-d10	14.178	164	9575	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	20037	0.400	ng		-0.01
29) Chrysene-d12	21.139	240	18331	0.400	ng		0.00
35) Perylene-d12	23.309	264	19415	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	4731	0.201	ng		0.00
5) Phenol-d6	6.729	99	5723	0.204	ng		-0.01
8) Nitrobenzene-d5	8.681	82	3722	0.232	ng		-0.01
11) 2-Methylnaphthalene-d10	11.903	152	5582	0.202	ng		-0.01
14) 2,4,6-Tribromophenol	15.676	330	1003	0.195	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	7313	0.187	ng		-0.01
27) Fluoranthene-d10	18.970	212	8346	0.173	ng		-0.01
31) Terphenyl-d14	19.588	244	5243	0.126	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.399	42	8849	0.893	ng	#	1
6) bis(2-Chloroethyl)ether	6.996	93	1338	0.067	ng	#	25
9) Naphthalene	10.357	128	1860	0.036	ng	#	87
12) 2-Methylnaphthalene	11.975	142	1794	0.055	ng	#	94
16) Acenaphthylene	13.900	152	1909	0.045	ng	#	92
17) Acenaphthene	14.242	154	11835	0.401	ng		98
18) Fluorene	15.236	166	8393	0.225	ng		95
25) Phenanthrene	16.967	178	132035	2.369	ng		100
26) Anthracene	17.066	178	30197	0.612	ng	#	95
28) Fluoranthene	19.003	202	244124	3.963	ng		100
30) Pyrene	19.365	202	213631	2.611	ng	#	93
32) Benzo(a)anthracene	21.121	228	110468	1.667	ng		98
33) Chrysene	21.175	228	106389	1.615	ng		97
34) Bis(2-ethylhexyl)phtha...	21.086	149	14402	0.343	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.458	276	68441	0.849	ng		95
37) Benzo(b)fluoranthene	22.668	252	141985	1.958	ng	#	95
38) Benzo(k)fluoranthene	22.668	252	141985	1.990	ng	#	93
39) Benzo(a)pyrene	23.125	252	70436	1.174	ng		96
40) Dibenzo(a,h)anthracene	25.469	278	16246	0.252	ng	#	92
41) Benzo(g,h,i)perylene	26.115	276	69643	1.010	ng		99

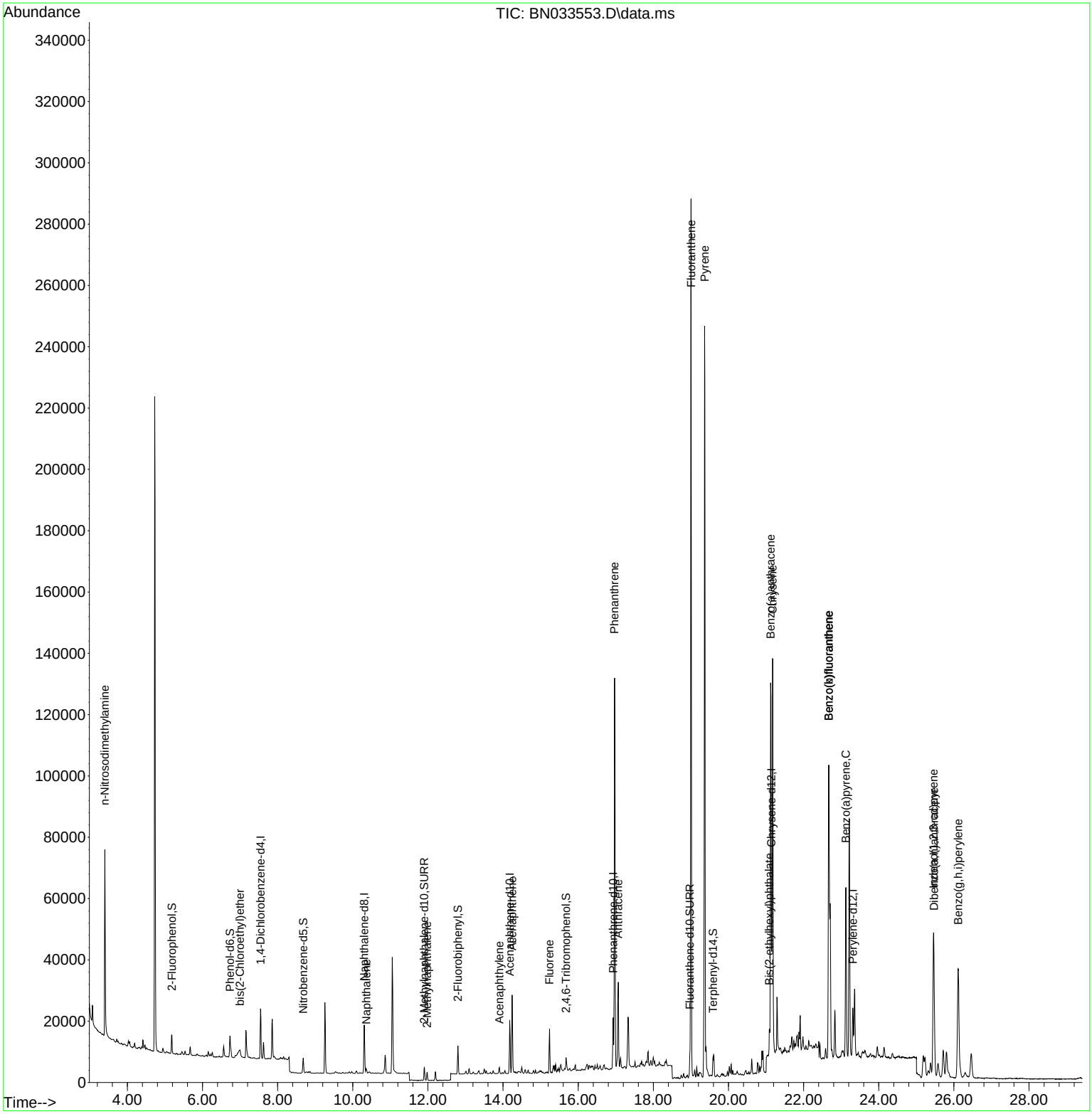
(#) = qualifier out of range (m) = manual integration (+) = signals summed

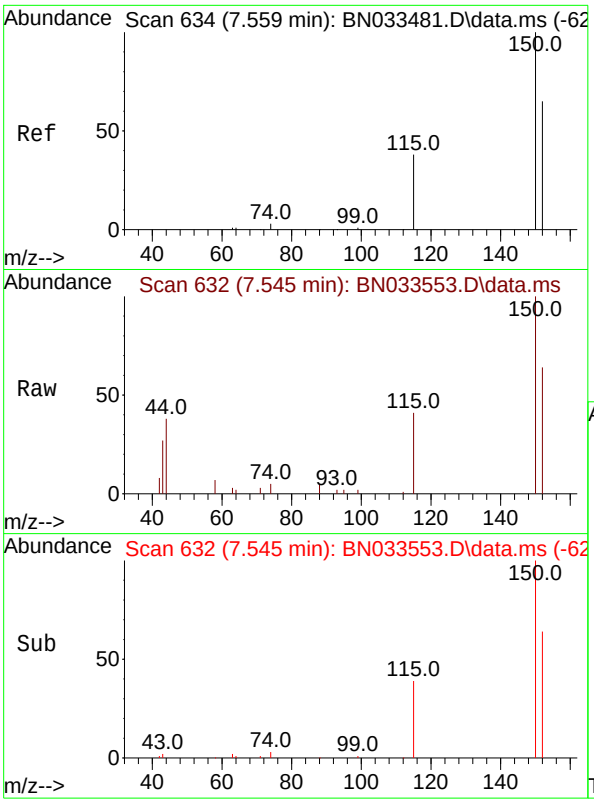
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033553.D
Acq On : 22 Aug 2024 15:18
Operator : MA/JU
Sample : P3660-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Quant Time: Aug 22 16:52:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration



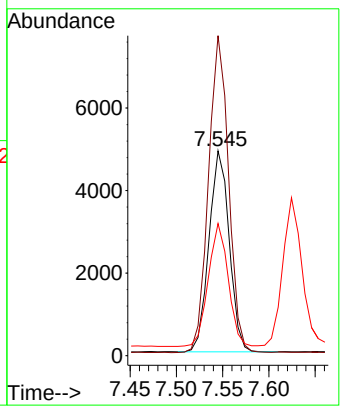


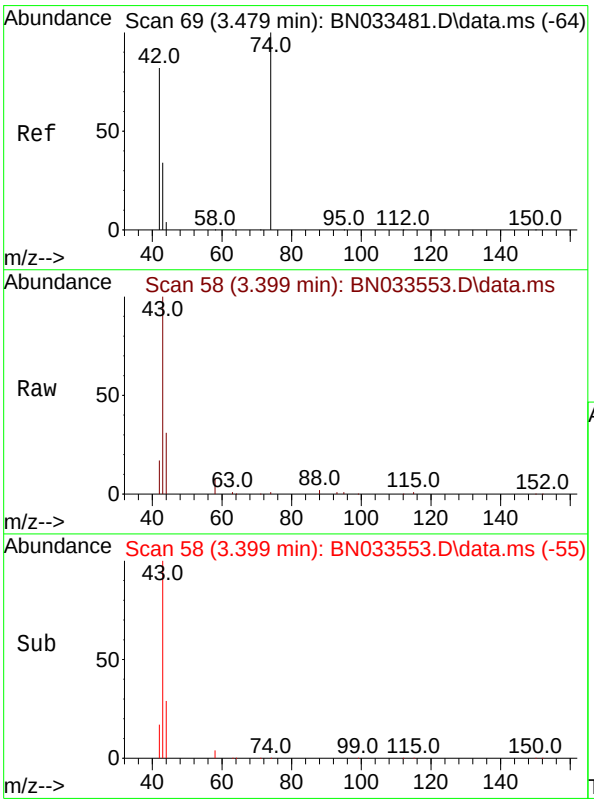
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:152 Resp: 7406

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.2	183.2
115	64.5	47.2	70.8

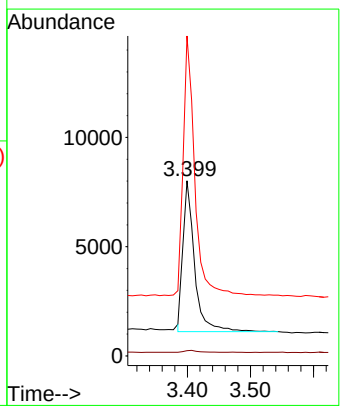


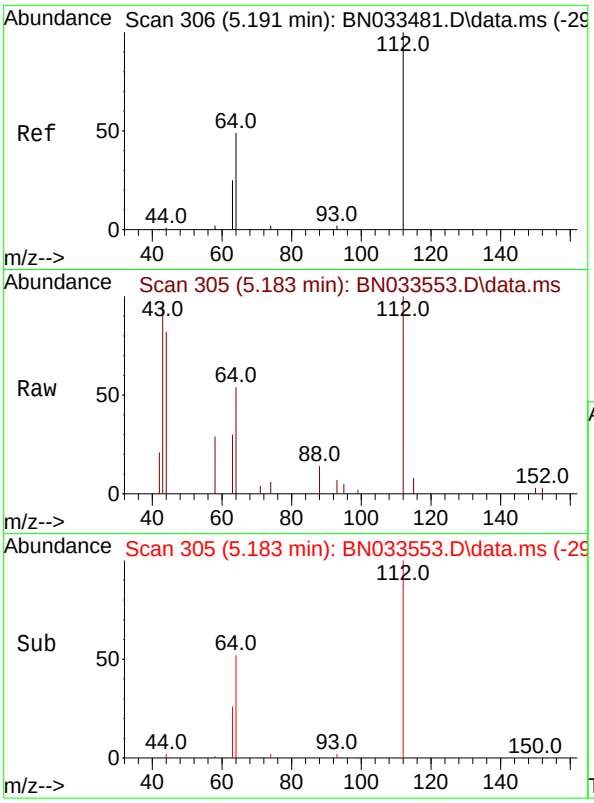


#3
n-Nitrosodimethylamine
Concen: 0.893 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.079 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion: 42 Resp: 8849

Ion	Ratio	Lower	Upper
42	100		
74	1.4	100.2	150.2#
44	166.9	5.3	7.9#



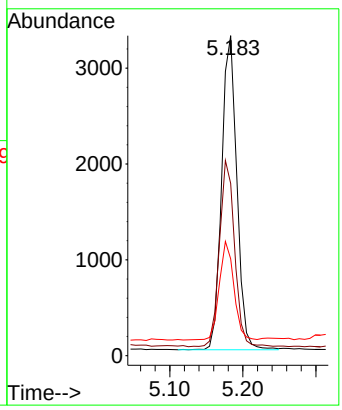


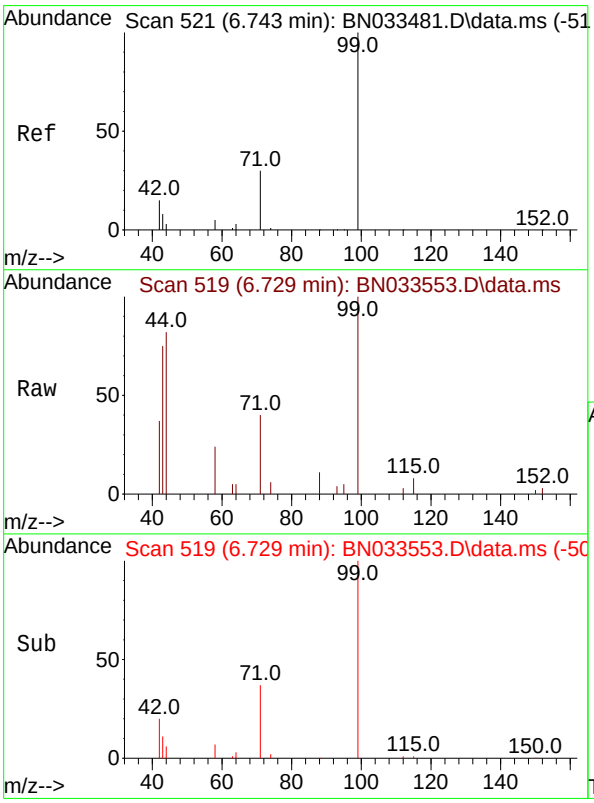
#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.183 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:112 Resp: 4731

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.1	70.7
63	30.1	24.9	37.3

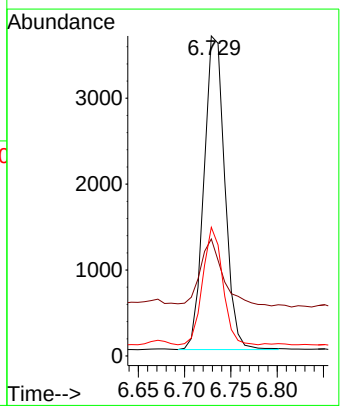


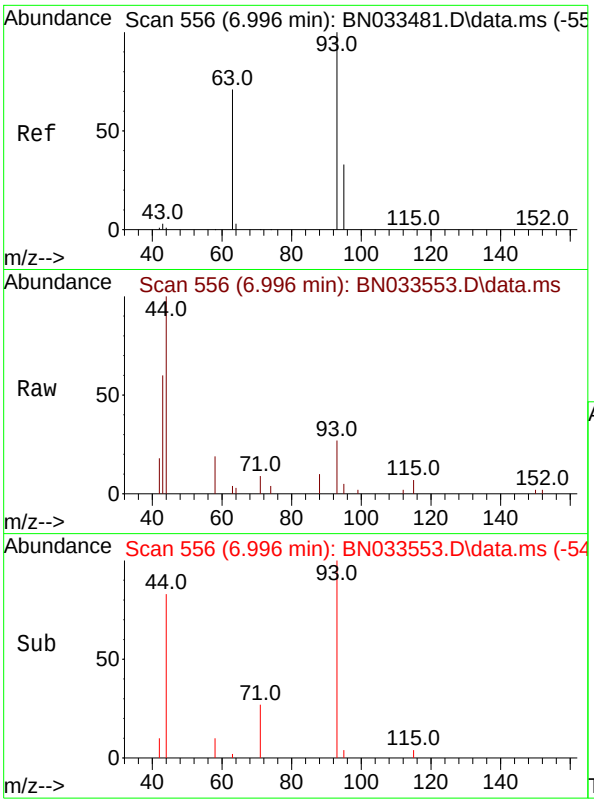


#5
Phenol-d6
Concen: 0.204 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.014 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion: 99 Resp: 5723

Ion	Ratio	Lower	Upper
99	100		
42	23.2	16.6	24.8
71	35.9	26.2	39.4



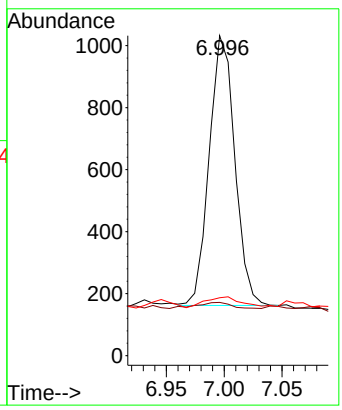


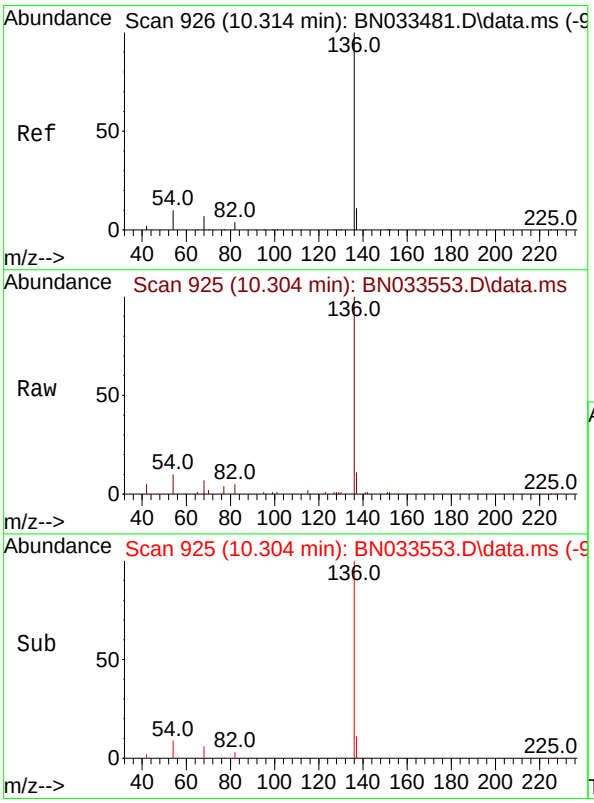
#6
bis(2-Chloroethyl)ether
Concen: 0.067 ng
RT: 6.996 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion: 93 Resp: 1338

Ion	Ratio	Lower	Upper
93	100		
63	3.1	63.0	94.4#
95	5.5	26.0	39.0#

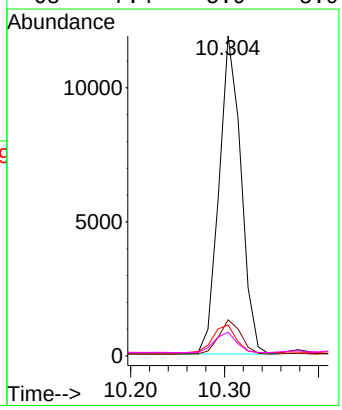


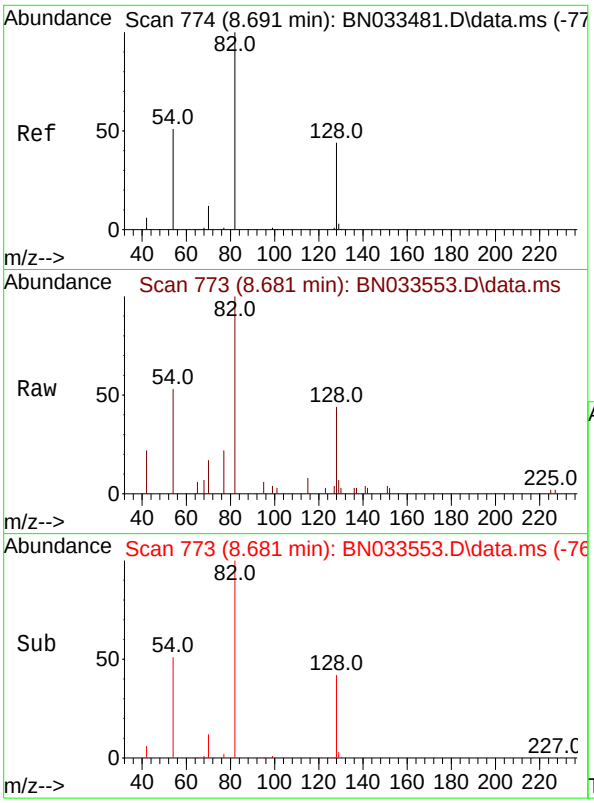


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:136 Resp: 19324

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.7	8.3	12.5
68	7.4	5.9	8.9



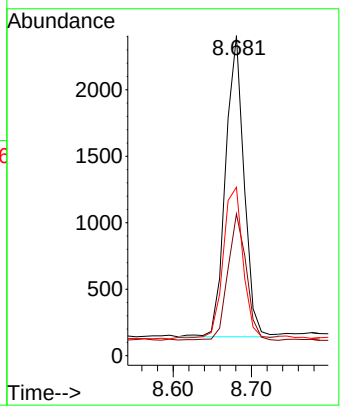


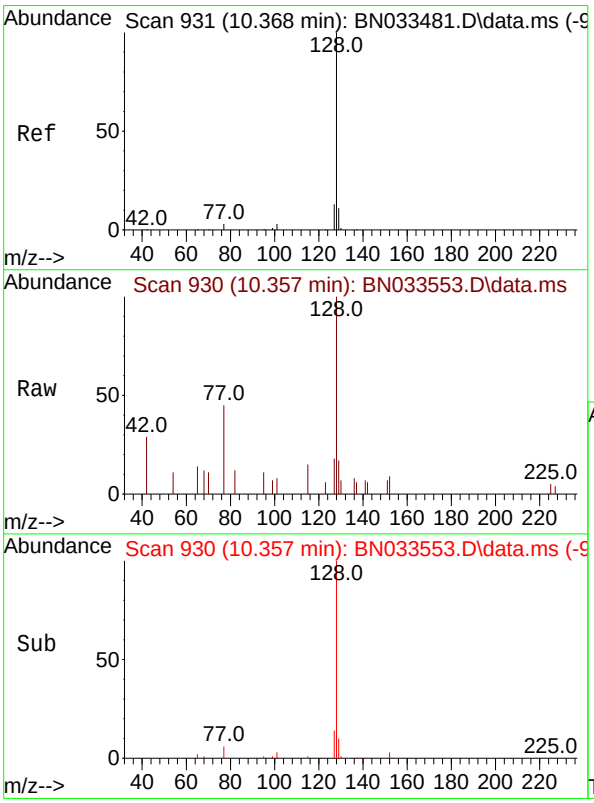
#8
Nitrobenzene-d5
Concen: 0.232 ng
RT: 8.681 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion: 82 Resp: 3722

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.0	54.0
54	52.6	42.0	63.0

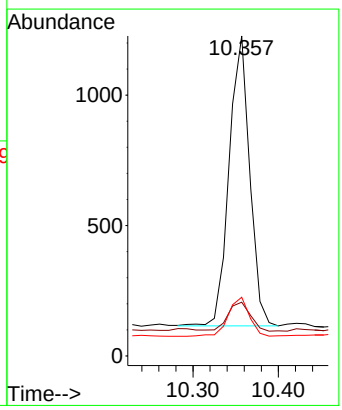


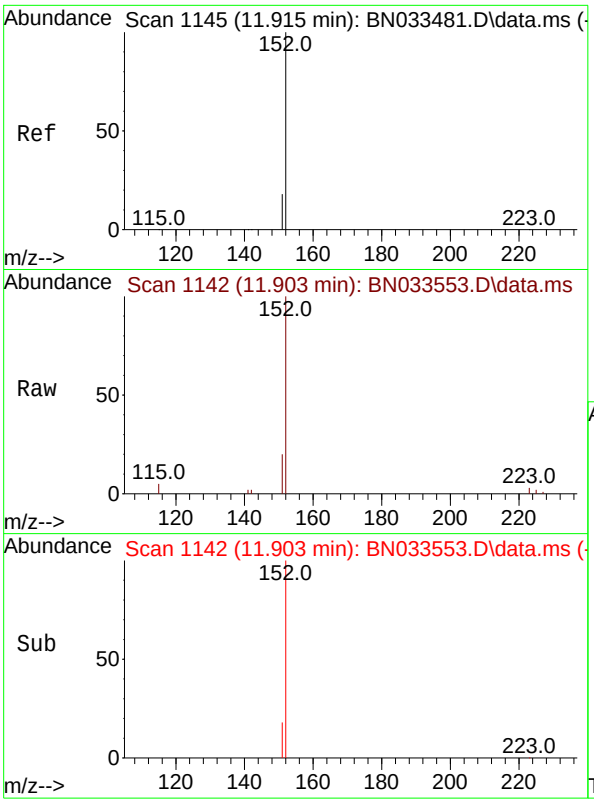


#9
Naphthalene
Concen: 0.036 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:128 Resp: 1860

Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.1	13.7#
127	18.3	10.7	16.1#



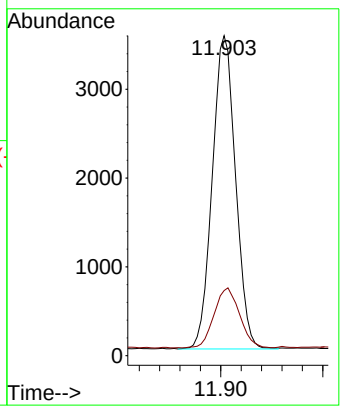


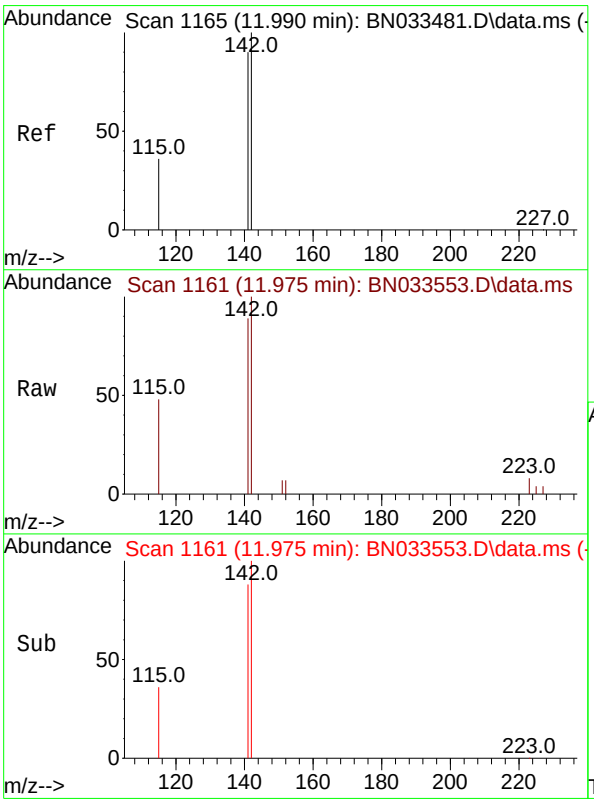
#11
2-Methylnaphthalene-d10
Concen: 0.202 ng
RT: 11.903 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:152 Resp: 5582

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0

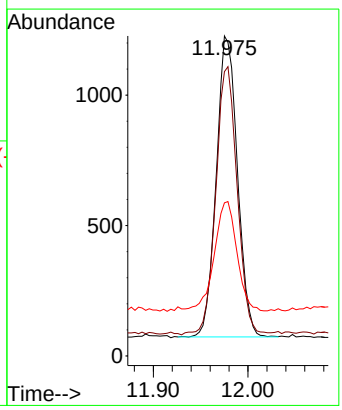


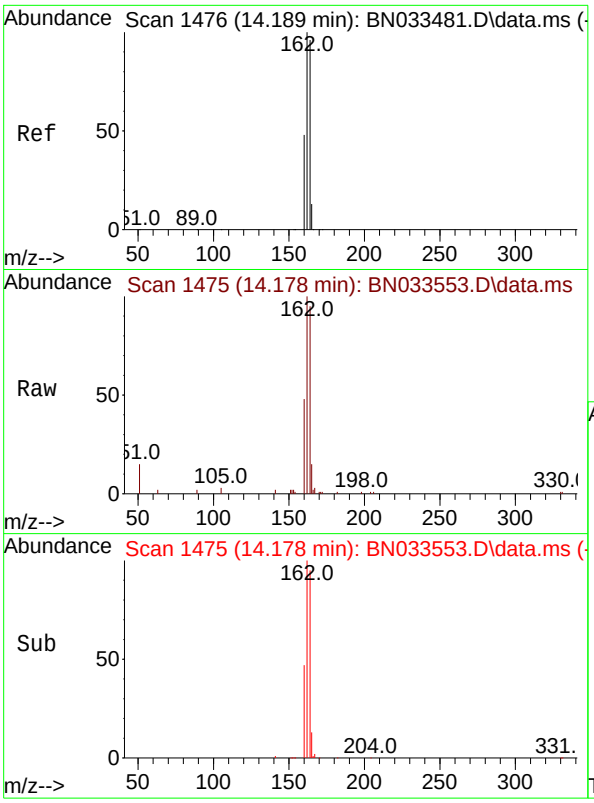


#12
2-Methylnaphthalene
Concen: 0.055 ng
RT: 11.975 min Scan# 1161
Delta R.T. -0.015 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:142 Resp: 1794

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.7	107.5
115	47.8	29.4	44.2#



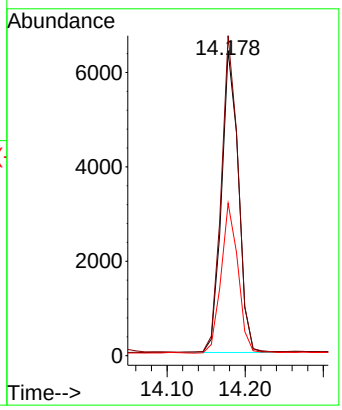


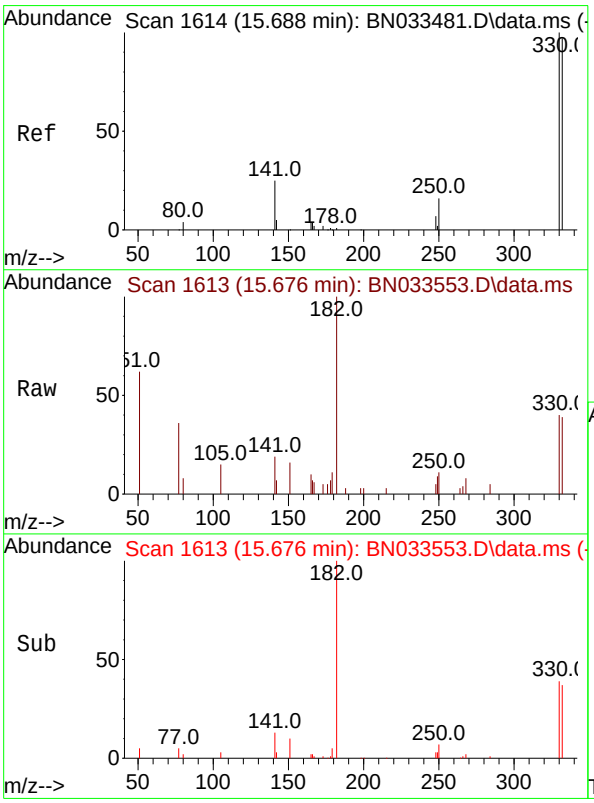
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:164 Resp: 9575

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.5	125.3
160	50.0	40.2	60.4

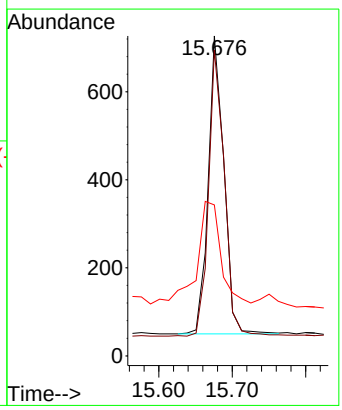


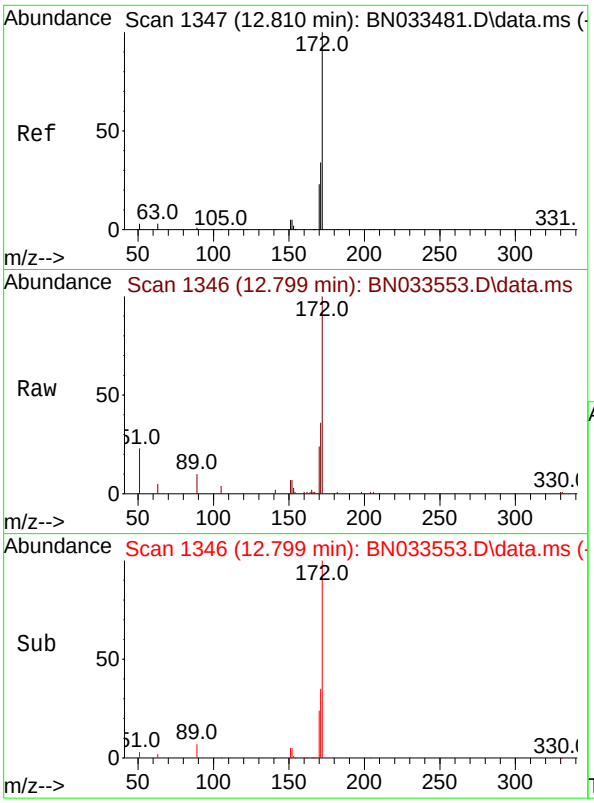


#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:330 Resp: 1003

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.5	116.3
141	49.3	33.9	50.9



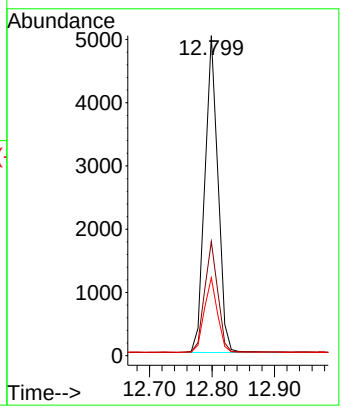


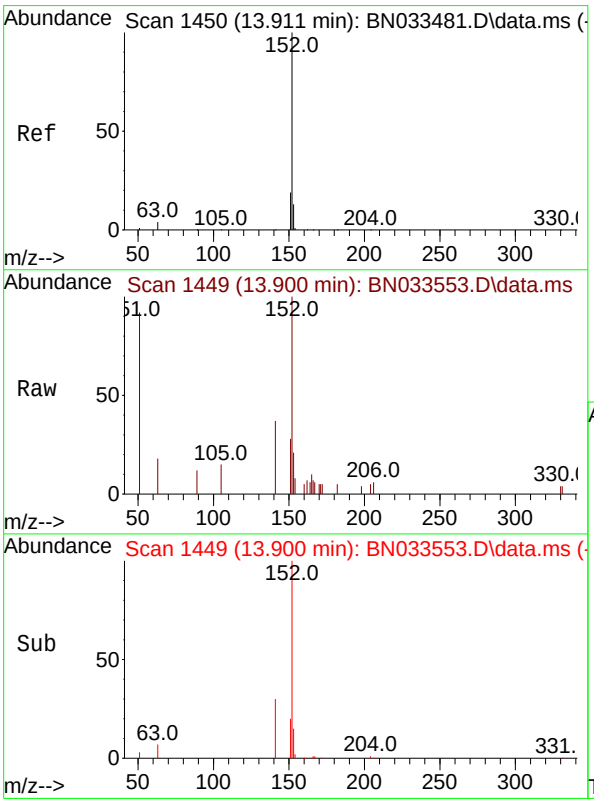
#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:172 Resp: 7313

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.7	41.5
170	24.4	18.3	27.5

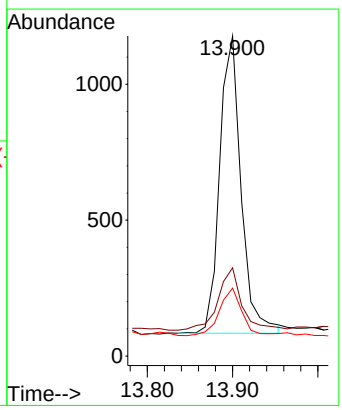


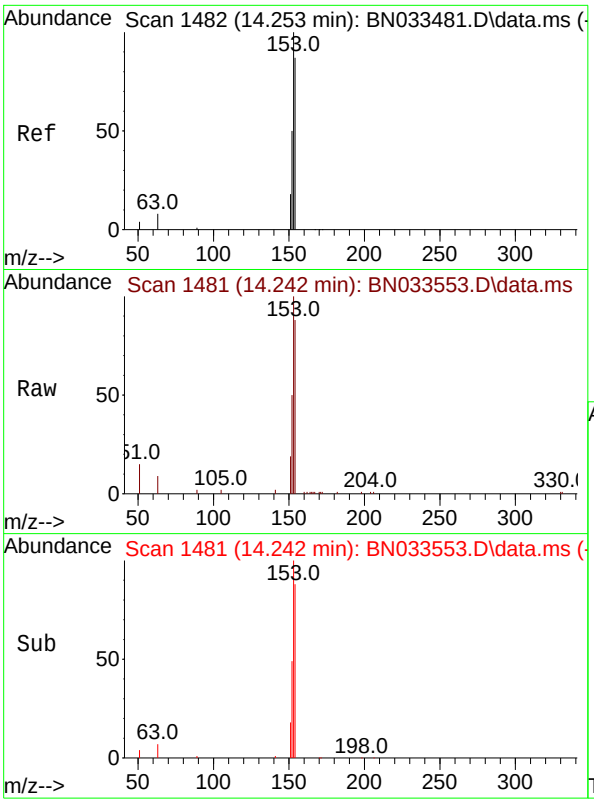


#16
Acenaphthylene
Concen: 0.045 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:152 Resp: 1909

Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.7	23.5
153	16.7	10.3	15.5#



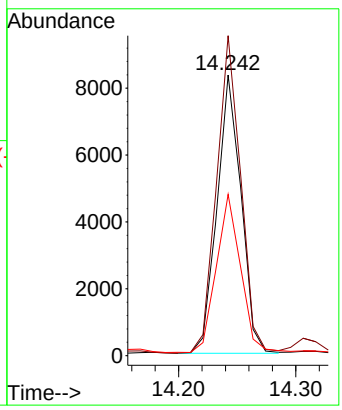


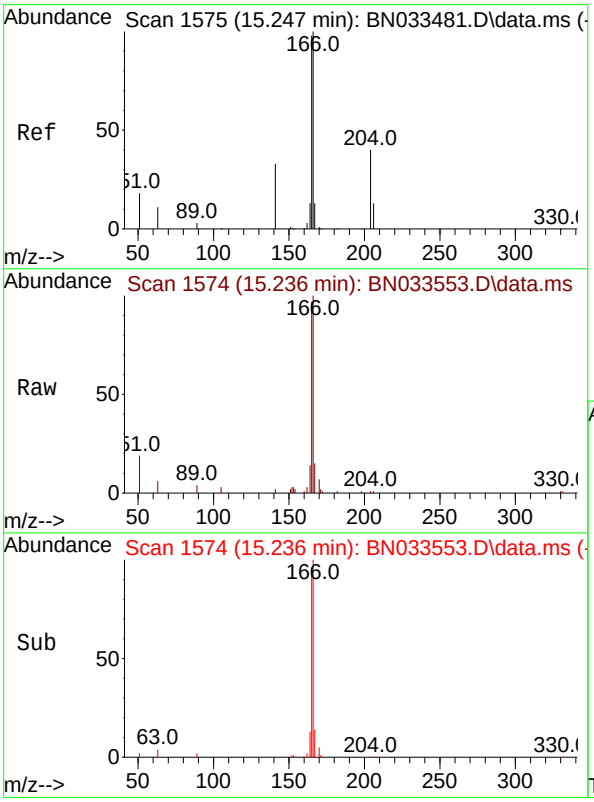
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:154 Resp: 11835

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.0	133.6
152	57.3	45.2	67.8

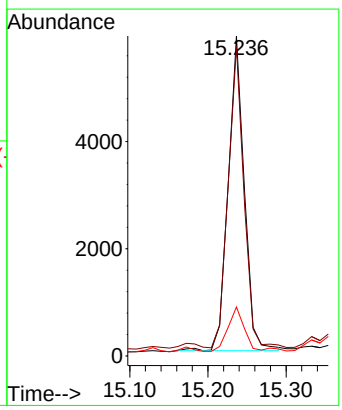


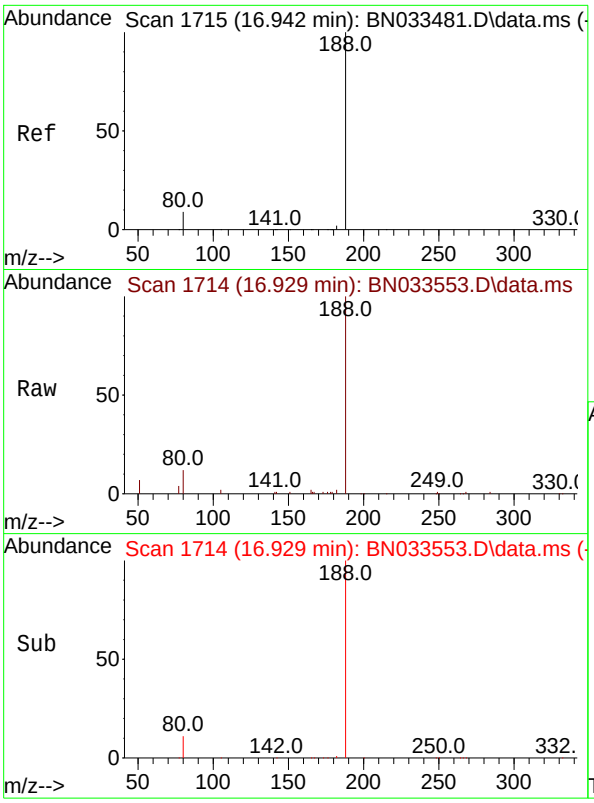


#18
Fluorene
Concen: 0.225 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:166 Resp: 8393

Ion	Ratio	Lower	Upper
166	100		
165	92.5	78.2	117.4
167	14.2	10.6	16.0



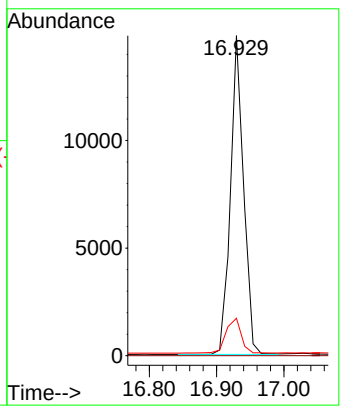


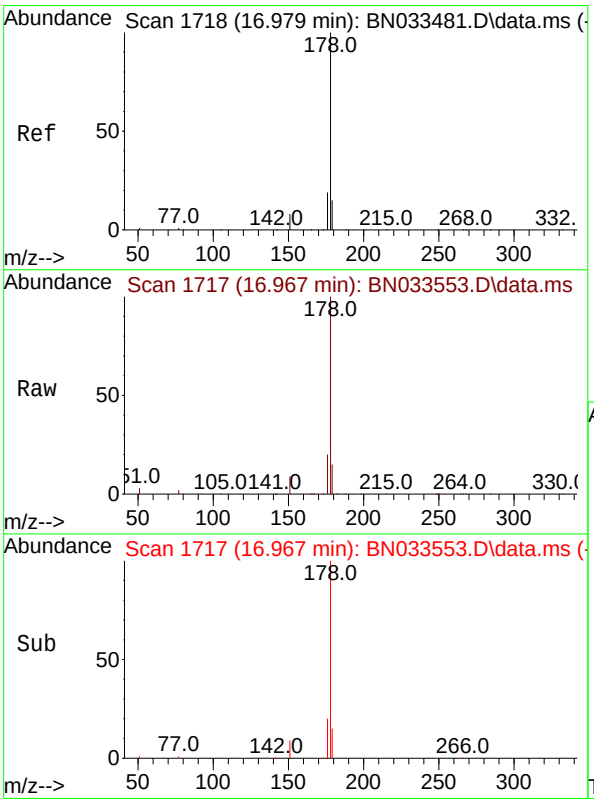
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:188 Resp: 20037

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	7.8	11.8

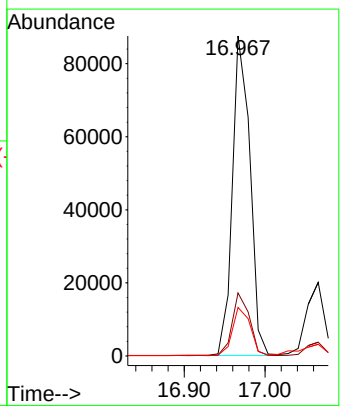


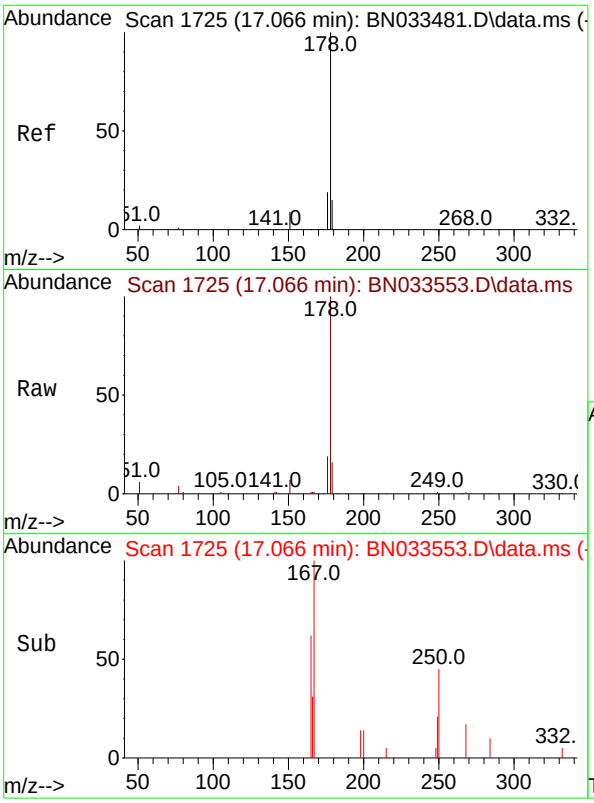


#25
Phenanthrene
Concen: 2.369 ng
RT: 16.967 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:178 Resp: 132035

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.3	18.5



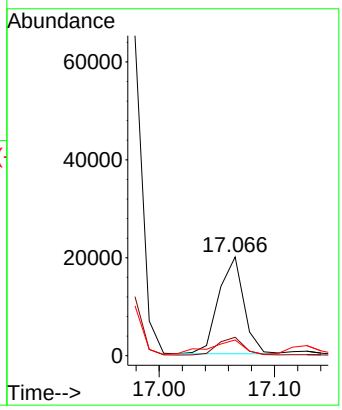


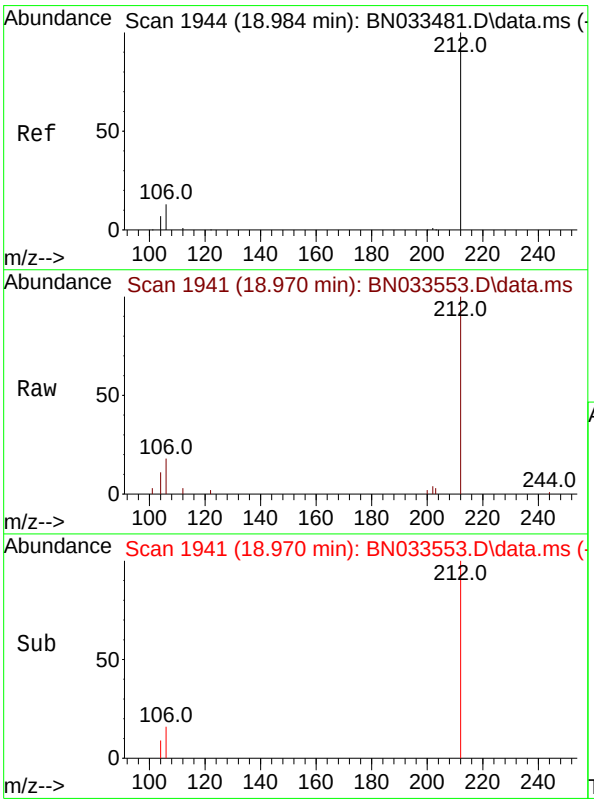
#26
Anthracene
Concen: 0.612 ng
RT: 17.066 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:178 Resp: 30197

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	19.9	12.4	18.6#

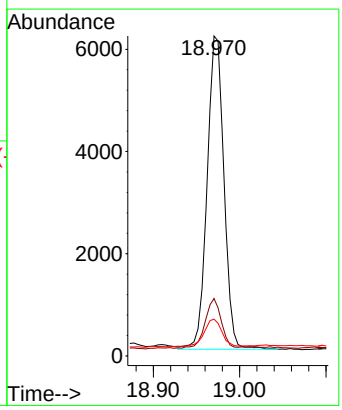


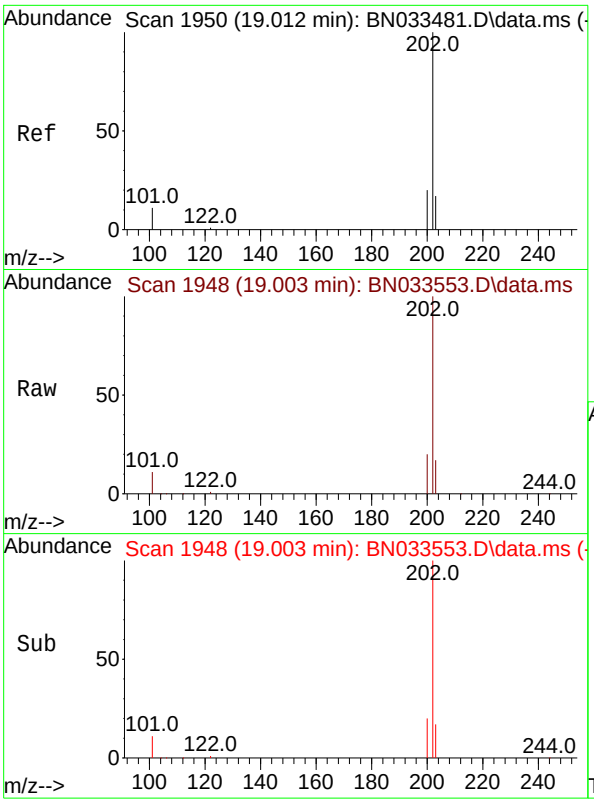


#27
Fluoranthene-d10
Concen: 0.173 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.014 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:212 Resp: 8346

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.3	18.5
104	9.8	7.0	10.4



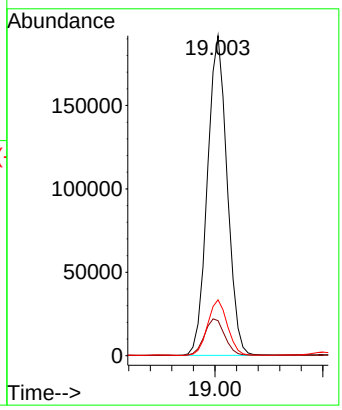


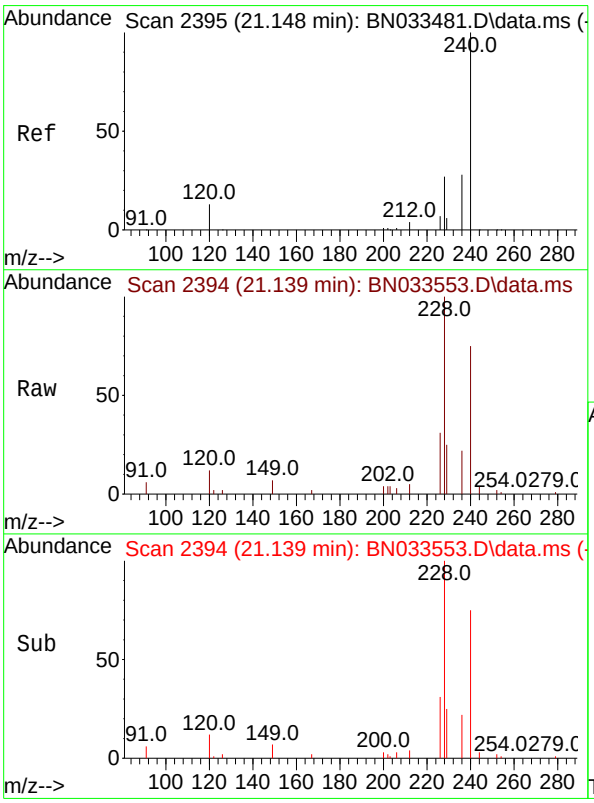
#28
Fluoranthene
Concen: 3.963 ng
RT: 19.003 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:202 Resp: 244124

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

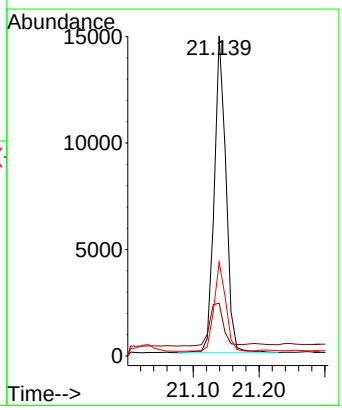


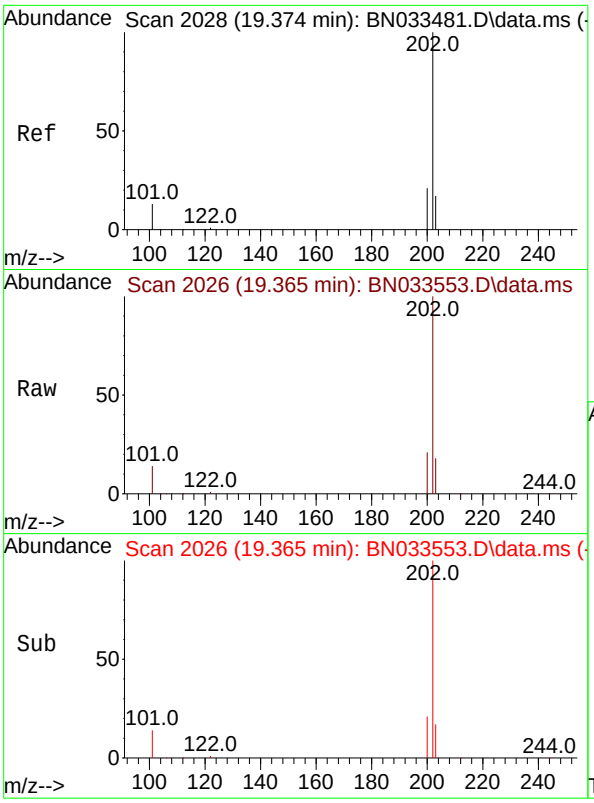


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:240 Resp: 18331

Ion	Ratio	Lower	Upper
240	100		
120	16.5	12.4	18.6
236	29.3	23.0	34.6



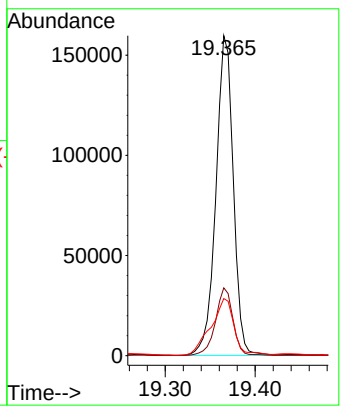


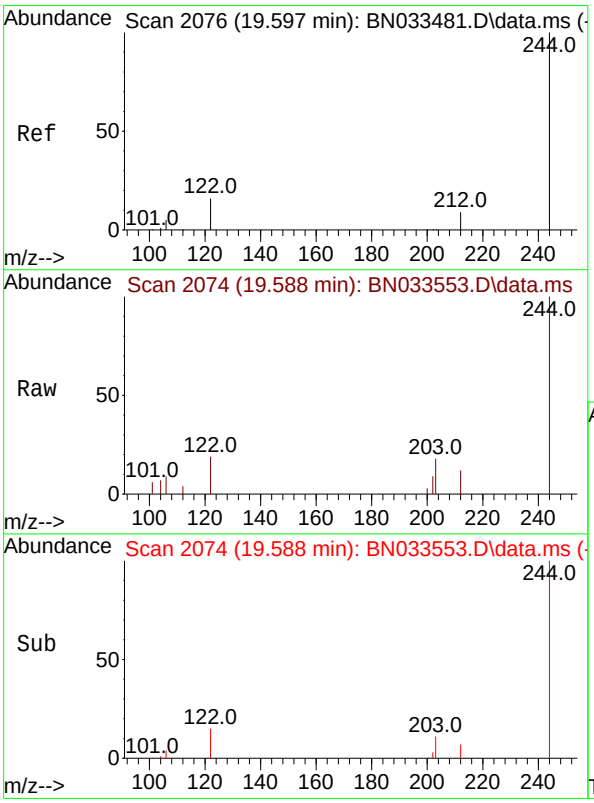
#30
Pyrene
Concen: 2.611 ng
RT: 19.365 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:202 Resp: 213631

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	23.5	14.2	21.4#

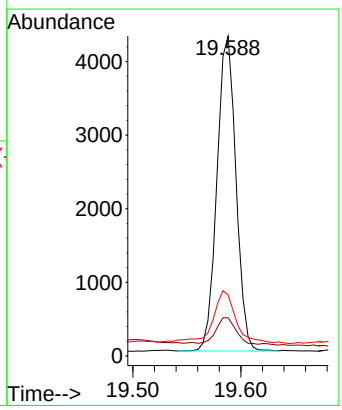


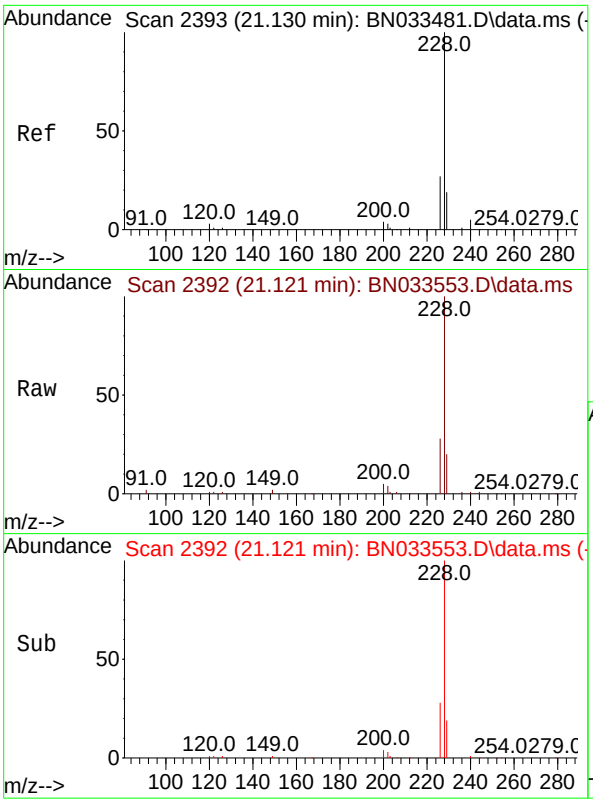


#31
Terphenyl-d14
Concen: 0.126 ng
RT: 19.588 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:244 Resp: 5243

Ion	Ratio	Lower	Upper
244	100		
212	11.9	7.8	11.6#
122	19.0	13.3	19.9



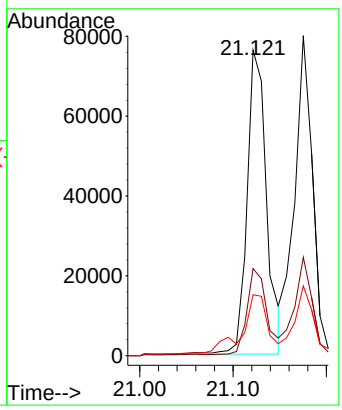


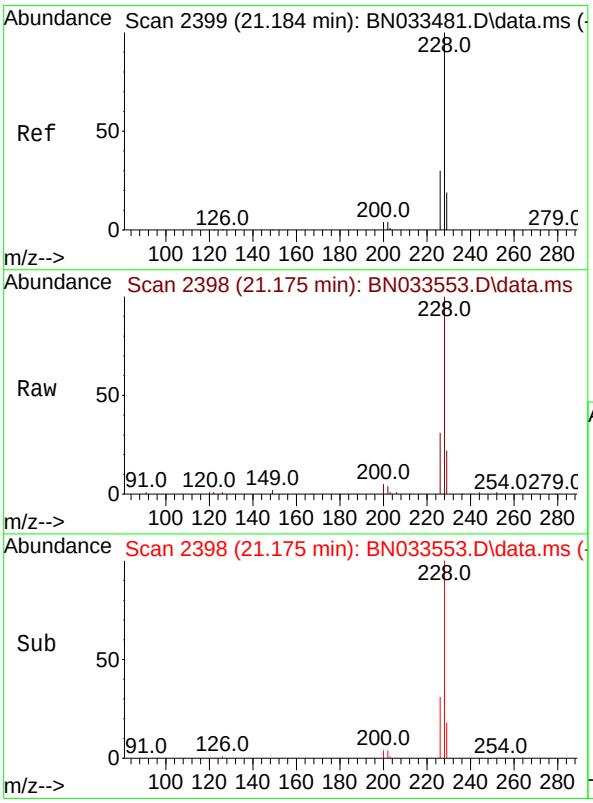
#32
Benzo(a)anthracene
Concen: 1.667 ng
RT: 21.121 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:228 Resp: 110468

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.6
229	19.9	15.8	23.6

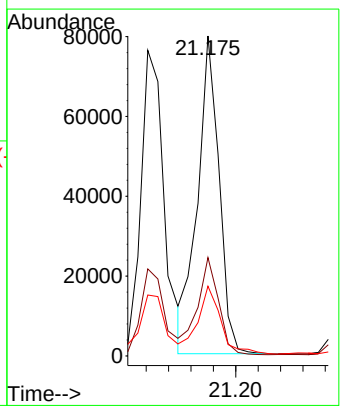


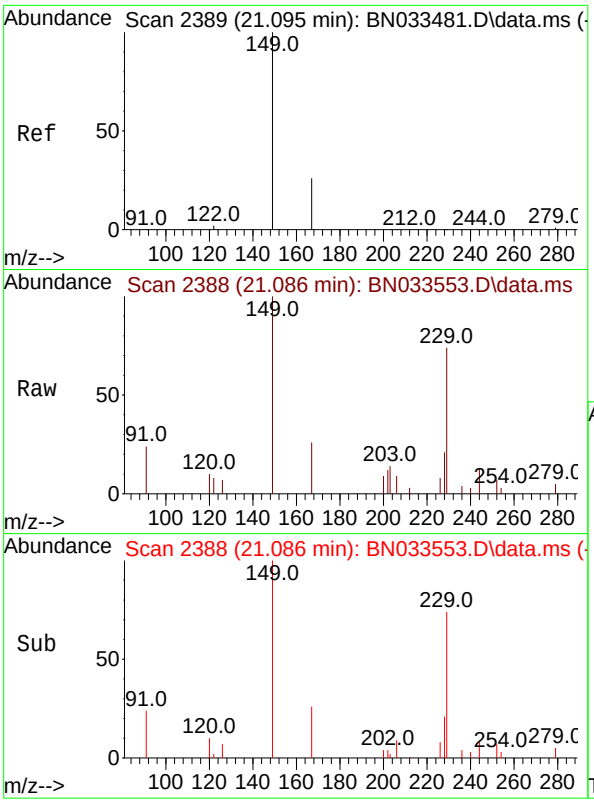


#33
Chrysene
Concen: 1.615 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:228 Resp: 106389

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	21.8	15.6	23.4



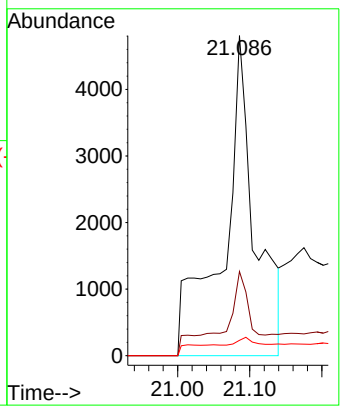


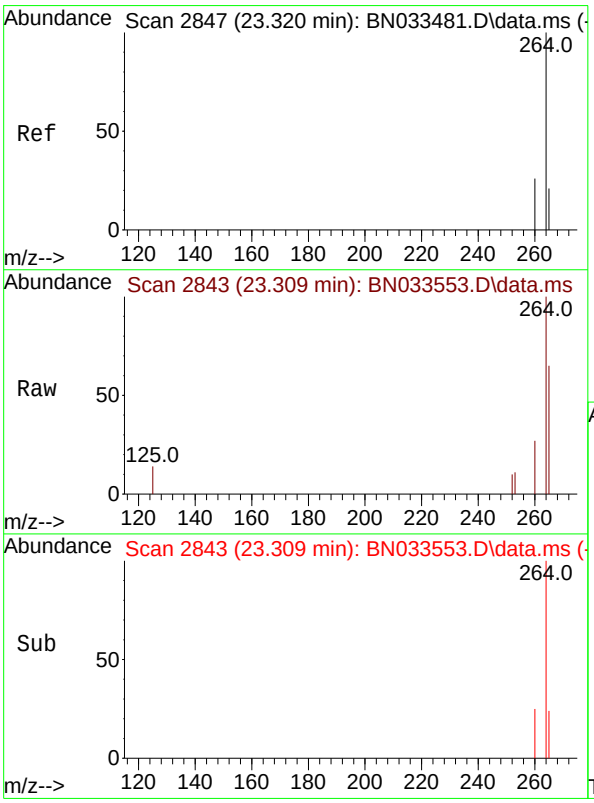
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.343 ng
RT: 21.086 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:149 Resp: 14402

Ion	Ratio	Lower	Upper
149	100		
167	23.3	21.5	32.3
279	2.0	2.2	3.2#

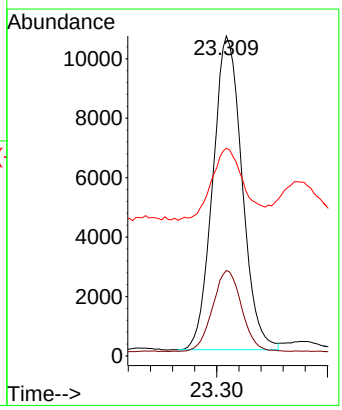


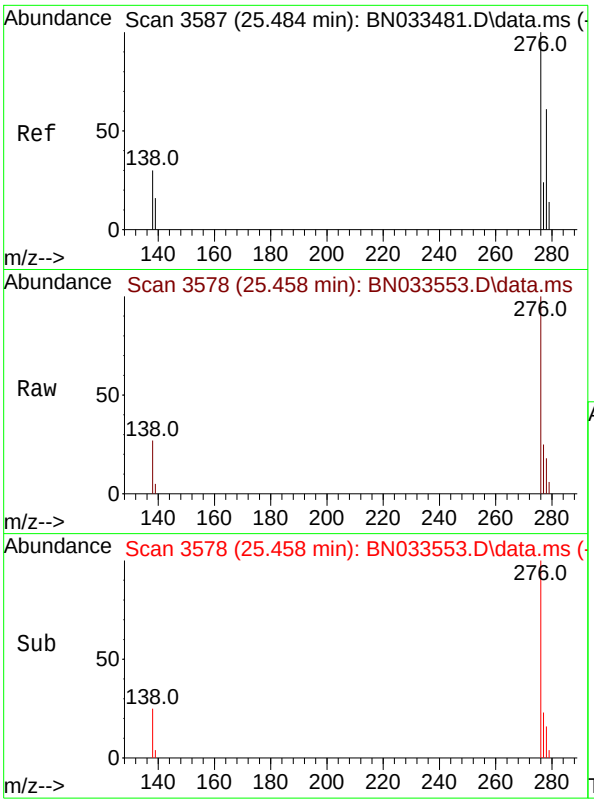


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:264 Resp: 19415

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.8	31.2
265	64.9	52.2	78.2



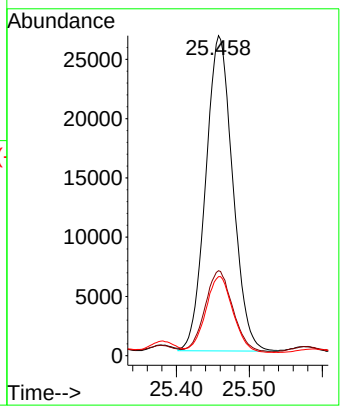


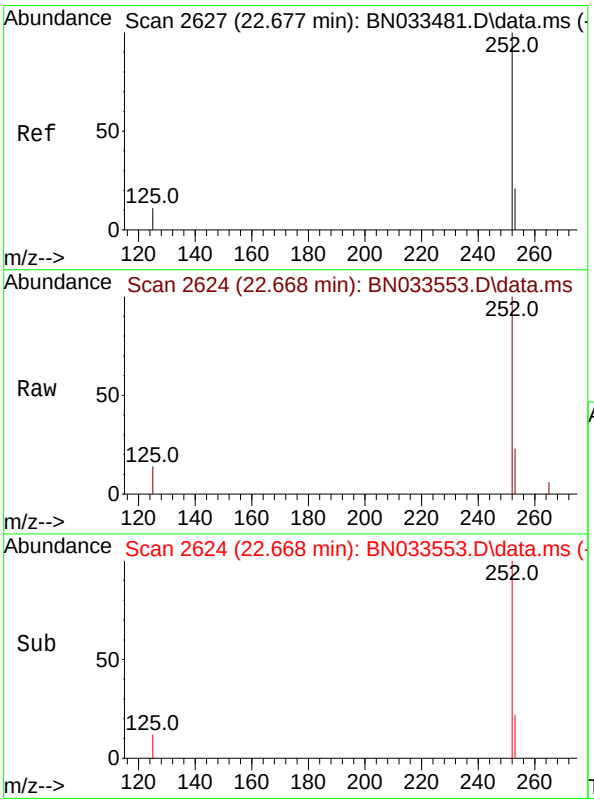
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.849 ng
RT: 25.458 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:276 Resp: 68441

Ion	Ratio	Lower	Upper
276	100		
138	26.0	24.4	36.6
277	24.5	19.8	29.6

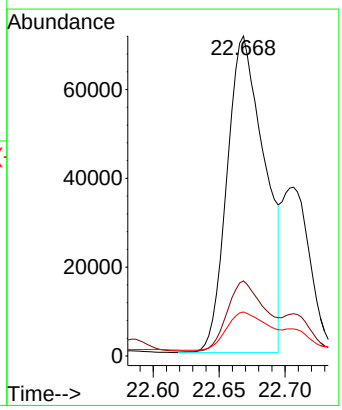


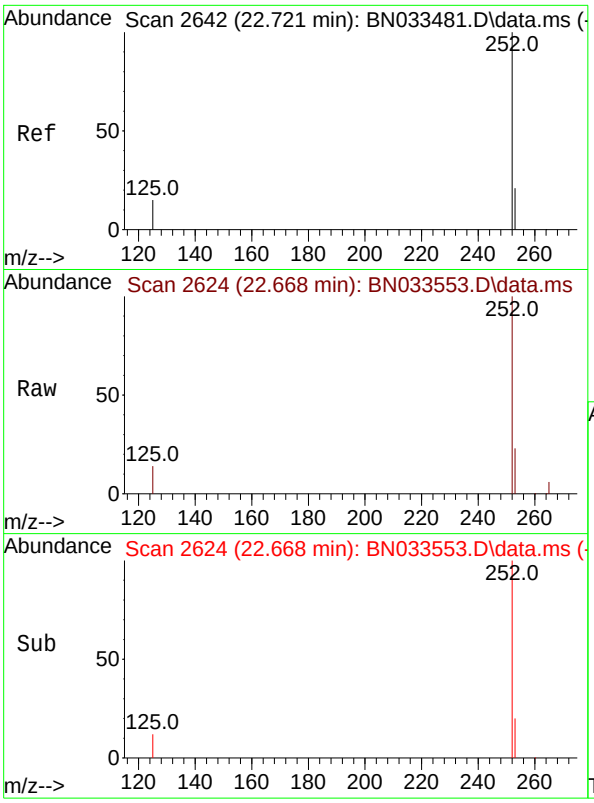


#37
Benzo(b)fluoranthene
Concen: 1.958 ng
RT: 22.668 min Scan# 2624
Delta R.T. -0.009 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:252 Resp: 141985

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.8	29.8
125	13.7	13.9	20.9#



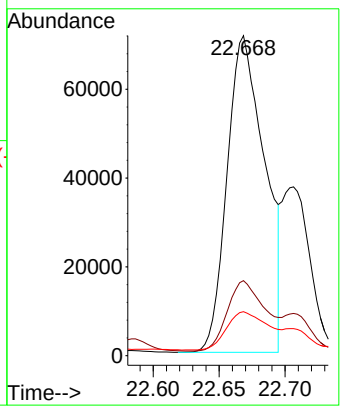


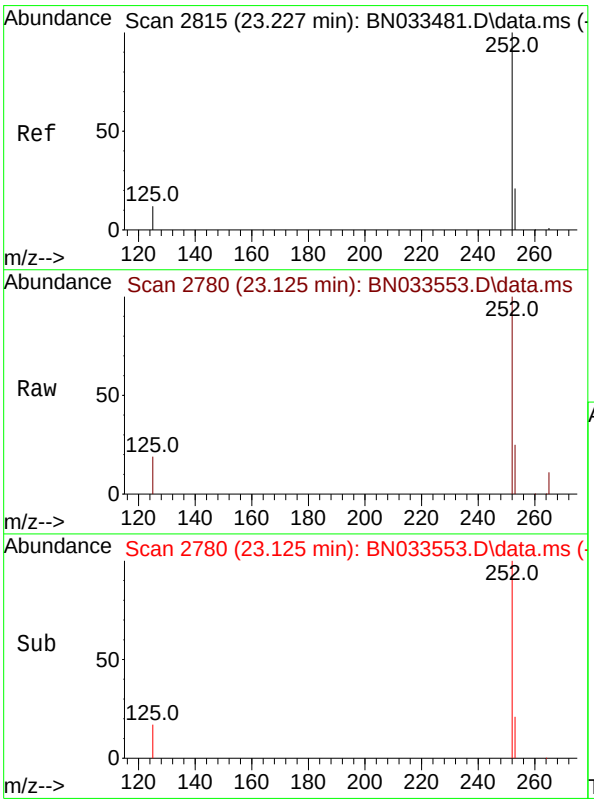
#38
Benzo(k)fluoranthene
Concen: 1.990 ng
RT: 22.668 min Scan# 2
Delta R.T. -0.053 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:252 Resp: 141985

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.8	29.8
125	13.7	15.8	23.8#

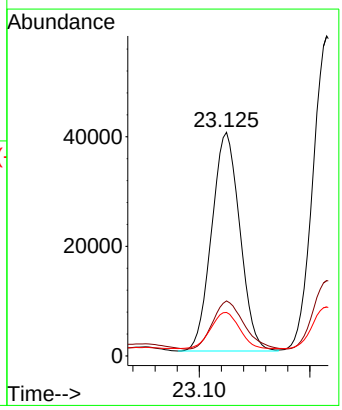


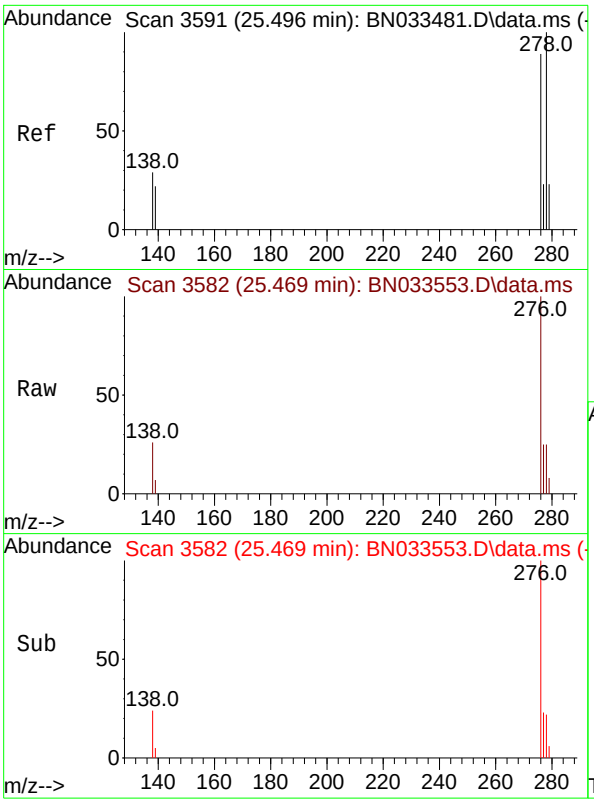


#39
Benzo(a)pyrene
Concen: 1.174 ng
RT: 23.125 min Scan# 2780
Delta R.T. -0.102 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:252 Resp: 70436

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.5	32.3
125	19.5	17.0	25.4



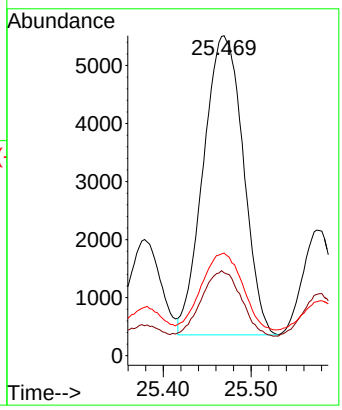


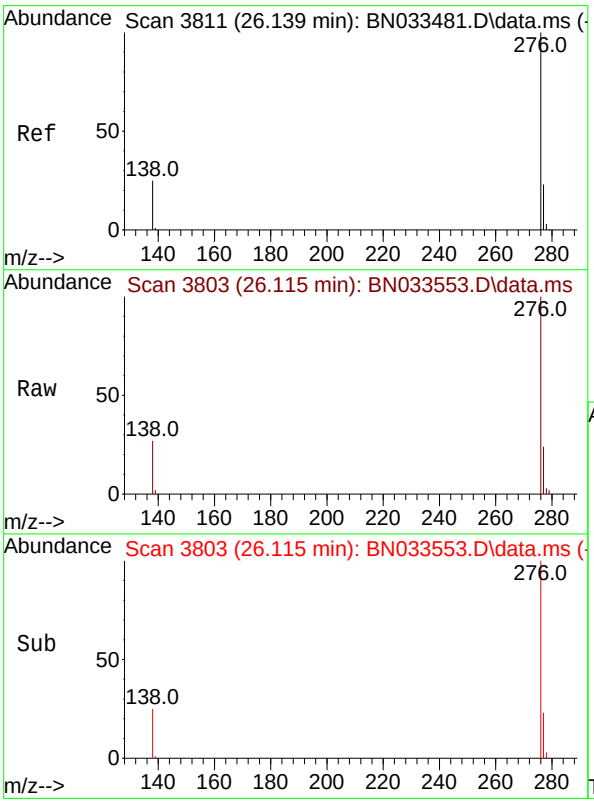
#40
Dibenzo(a,h)anthracene
Concen: 0.252 ng
RT: 25.469 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:278 Resp: 16246

Ion	Ratio	Lower	Upper
278	100		
139	25.9	19.1	28.7
279	32.0	21.0	31.4#





#41
Benzo(g,h,i)perylene
Concen: 1.010 ng
RT: 26.115 min Scan# 3803
Delta R.T. -0.023 min
Lab File: BN033553.D
Acq: 22 Aug 2024 15:18

Tgt Ion:276 Resp: 69643

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.7	29.5
138	26.5	21.8	32.6