Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033538.D
Acq On : 21 Aug 2024 11:53
Operator : MA/JU
Sample : P3643-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Quant Time: Aug 21 12:57:10 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	7.552	152	9975	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	26508	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	12623	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	23903	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	19394	0.400	ng	# 0.00
35) Perylene-d12	23.312	264	20944	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4928	0.155	ng	0.00
5) Phenol-d6	6.736	99	5922	0.157	ng	0.00
8) Nitrobenzene-d5	8.681	82	3942	0.179	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	6293	0.166	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	891	0.131	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	8801	0.171	ng	-0.01
27) Fluoranthene-d10	18.975	212	8556	0.149	ng	0.00
31) Terphenyl-d14	19.588	244	5947	0.135	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	9043	0.678	ng	# 1
9) Naphthalene	10.357	128	5160	0.073	ng	96
12) 2-Methylnaphthalene	11.979	142	4488	0.100	ng	98
16) Acenaphthylene	13.900	152	3720	0.067	ng	# 94
17) Acenaphthene	14.242	154	37976	0.975	ng	98
18) Fluorene	15.236	166	35979	0.733	ng	98
25) Phenanthrene	16.979	178	616448	9.270	ng	100
26) Anthracene	17.066	178	146486	2.490	ng	97
28) Fluoranthene	19.003	202	1103776	15.020	ng	100
30) Pyrene	19.370	202	956242	11.047	ng	# 93
32) Benzo(a)anthracene	21.130	228	524191	7.476	ng	99
33) Chrysene	21.175	228	466751	6.697	ng	97
34) Bis(2-ethylhexyl)phtha...	21.086	149	10543	0.238	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.466	276	297012	3.416	ng	95
37) Benzo(b)fluoranthene	22.668	252	621827	7.950	ng	# 93
38) Benzo(k)fluoranthene	22.832	252	77758	1.010	ng	94
39) Benzo(a)pyrene	23.127	252	307379	4.750	ng	93
40) Dibenzo(a,h)anthracene	25.472	278	68839	0.990	ng	98
41) Benzo(g,h,i)perylene	26.118	276	297289	3.998	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033538.D
Acq On : 21 Aug 2024 11:53
Operator : MA/JU
Sample : P3643-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

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QLast Update : Mon Aug 19 23:32:18 2024
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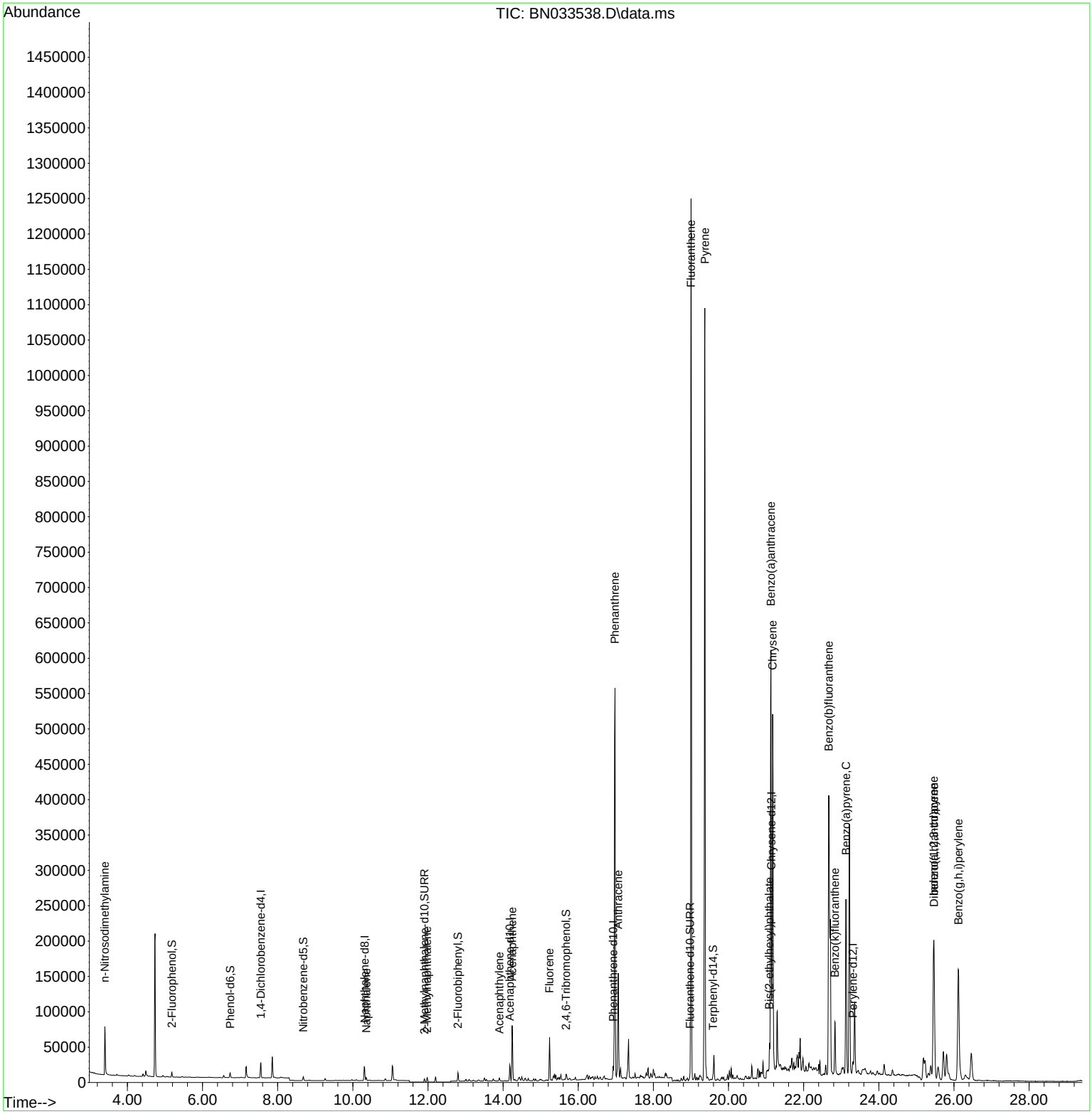
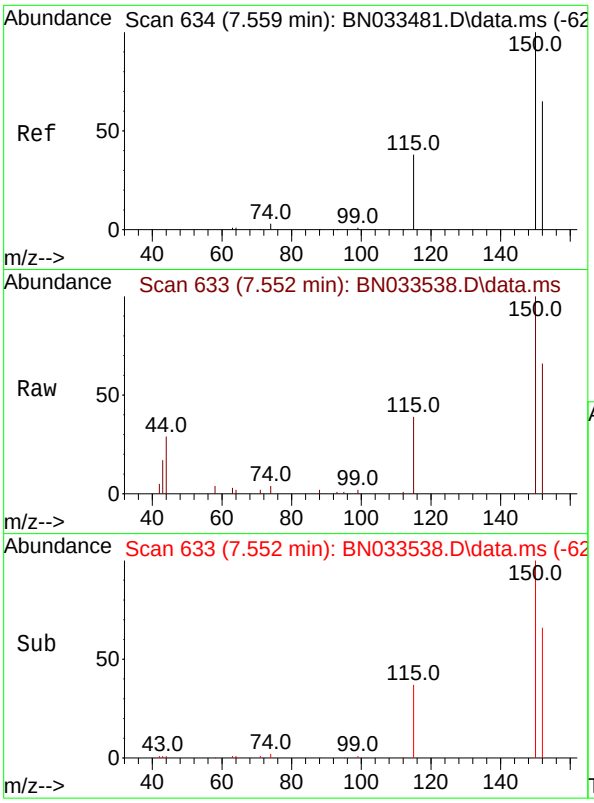


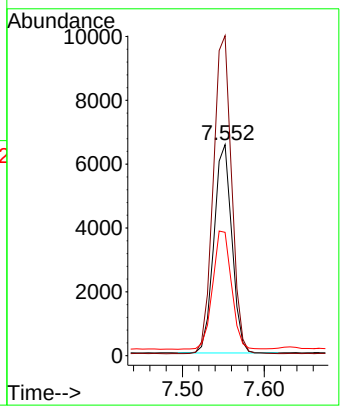


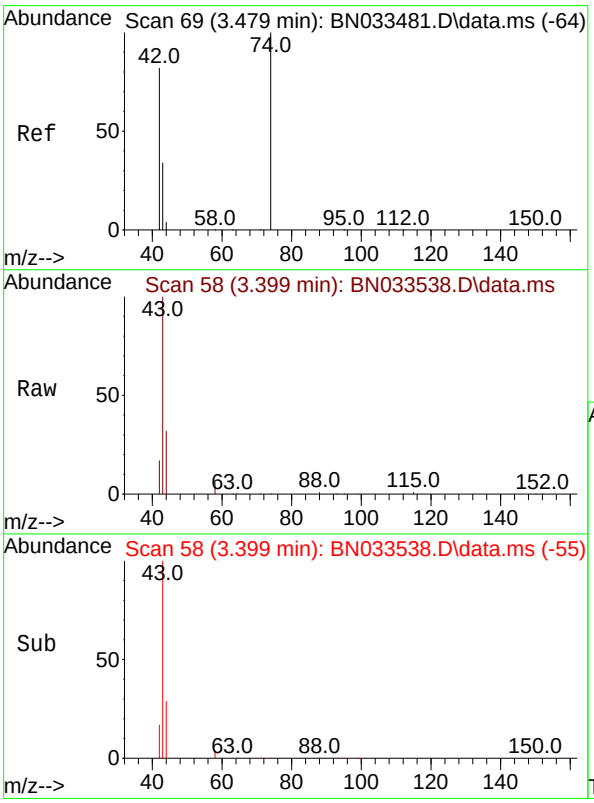
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:152 Resp: 9975

Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.2	183.2
115	58.4	47.2	70.8

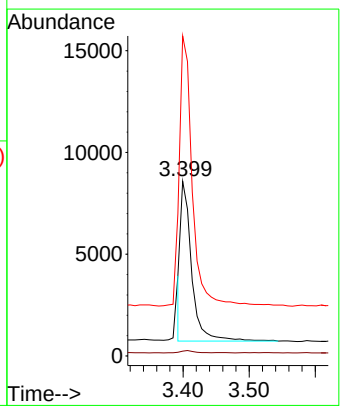


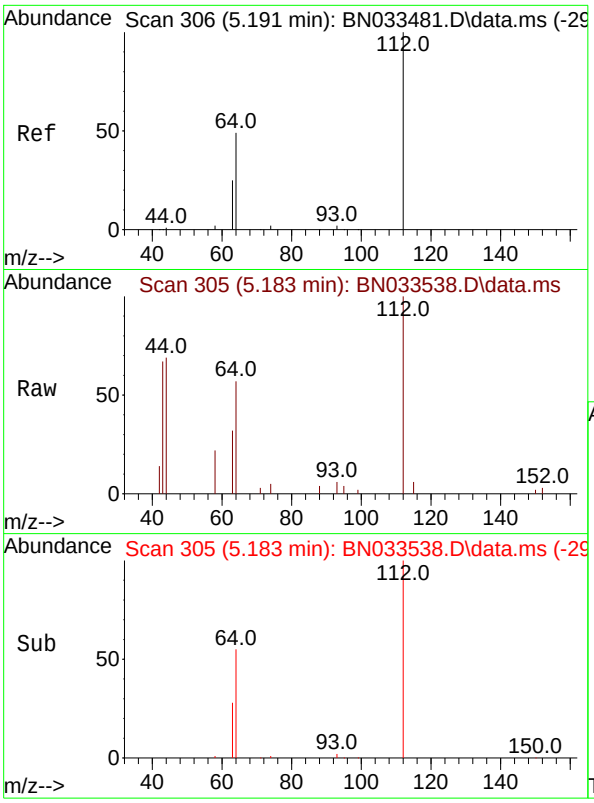


#3
n-Nitrosodimethylamine
Concen: 0.678 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion: 42 Resp: 9043

Ion	Ratio	Lower	Upper
42	100		
74	1.3	100.2	150.2#
44	173.6	5.3	7.9#



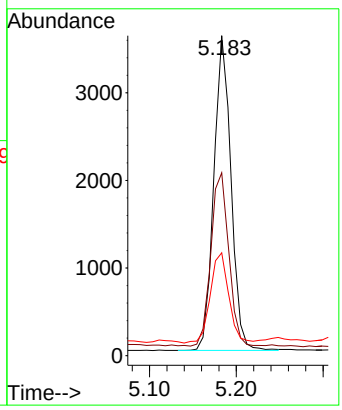


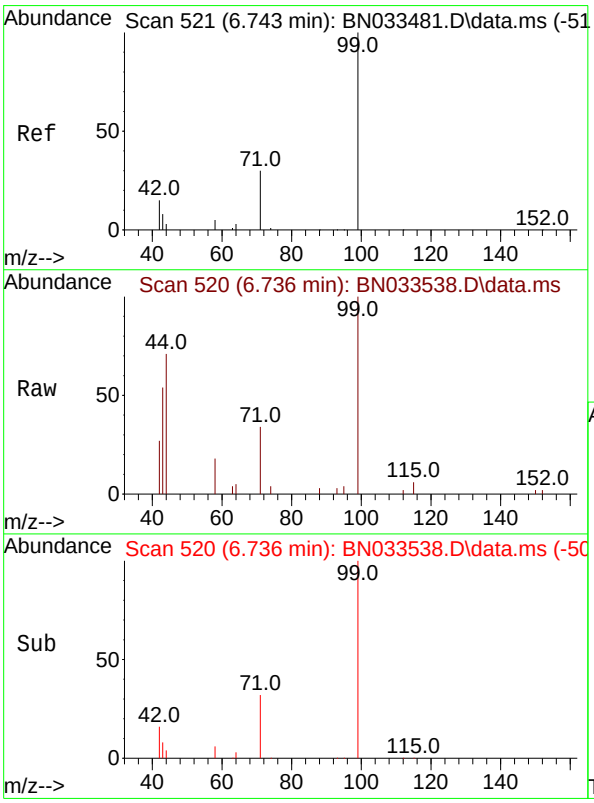
#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.183 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:112 Resp: 4928

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.1	70.7
63	30.9	24.9	37.3

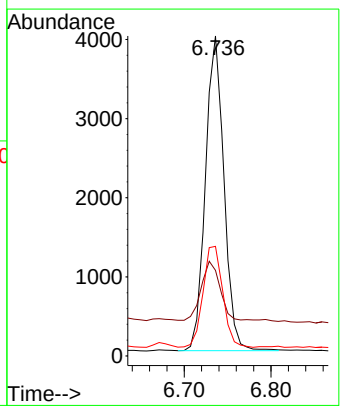


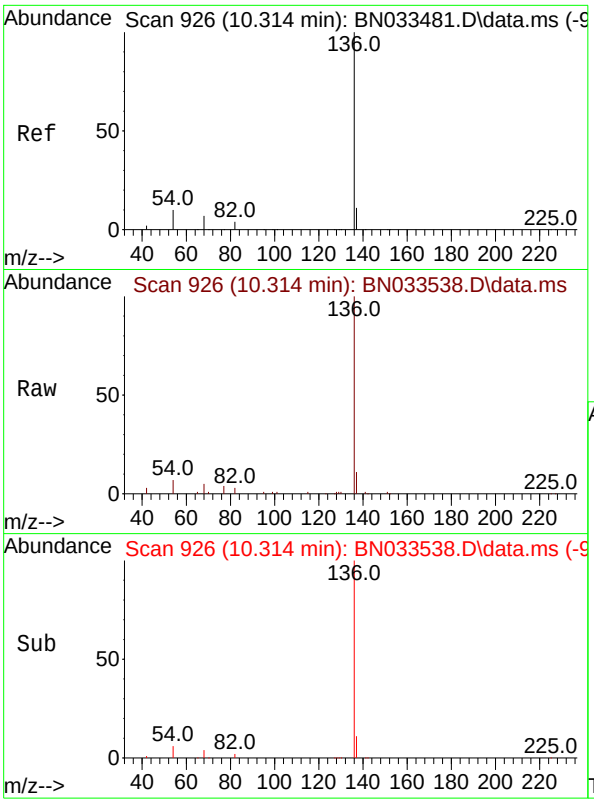


#5
Phenol-d6
Concen: 0.157 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion: 99 Resp: 5922

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	24.8
71	34.2	26.2	39.4



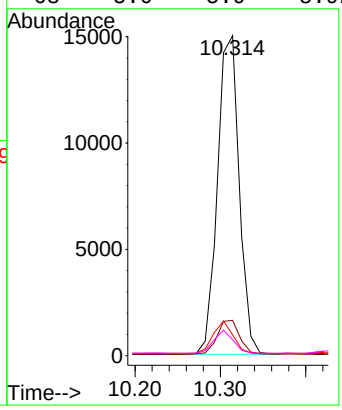


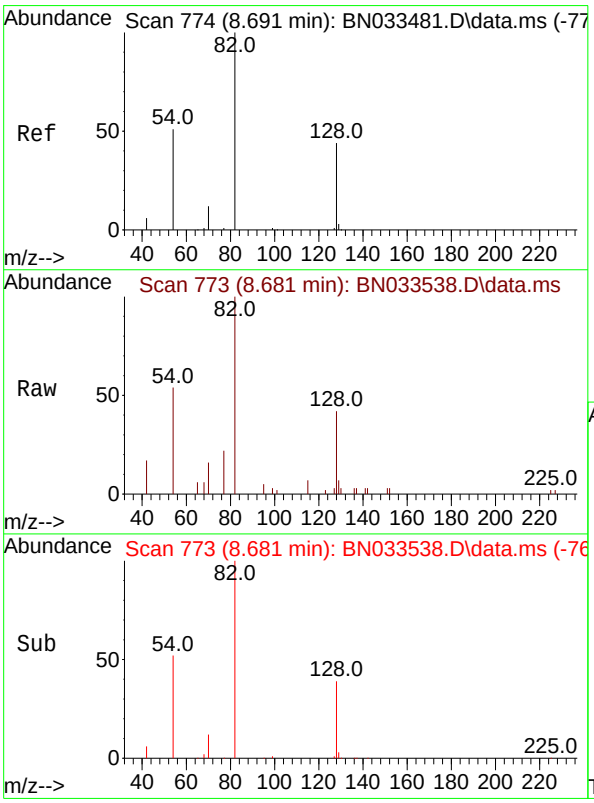
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:136 Resp: 26508

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.6	8.3	12.5#
68	5.0	5.9	8.9#

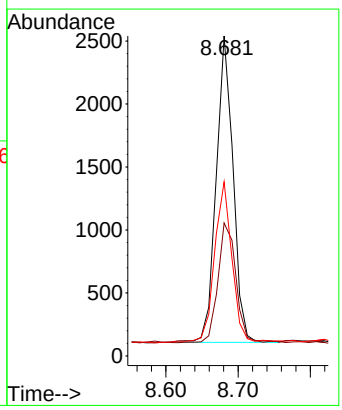


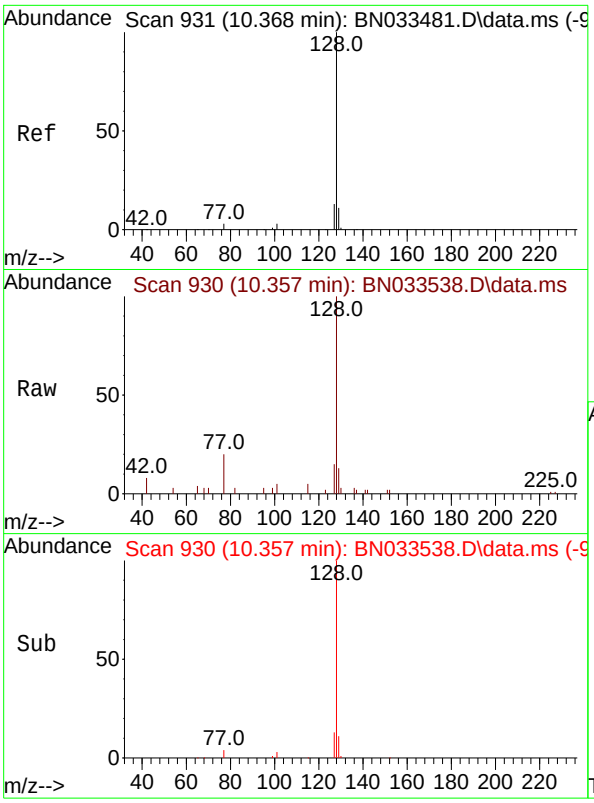


#8
Nitrobenzene-d5
Concen: 0.179 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion: 82 Resp: 3942

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.0	54.0
54	54.4	42.0	63.0



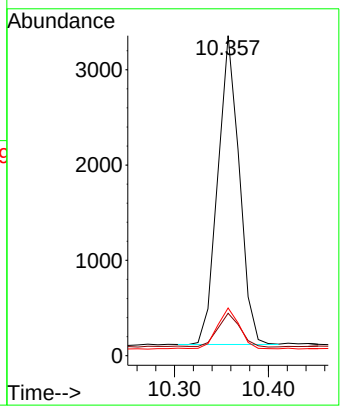


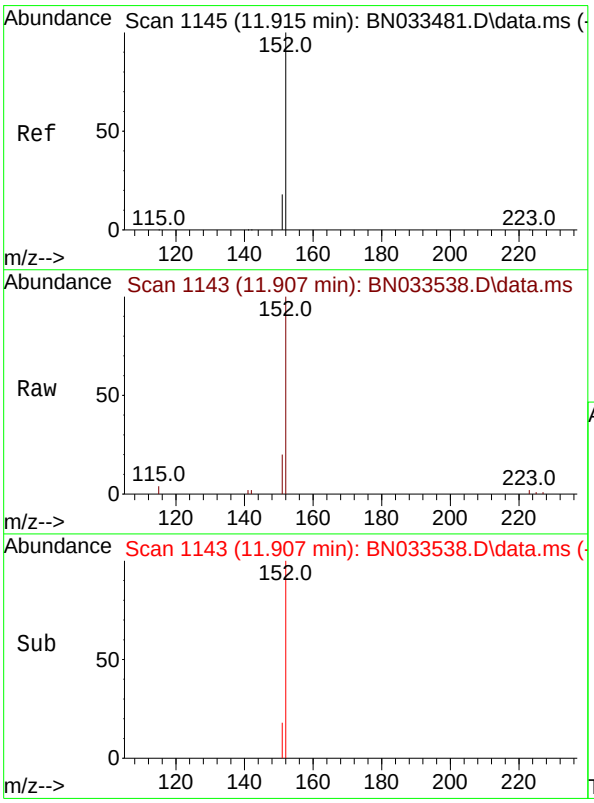
#9
Naphthalene
Concen: 0.073 ng
RT: 10.357 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:128 Resp: 5160

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	14.9	10.7	16.1

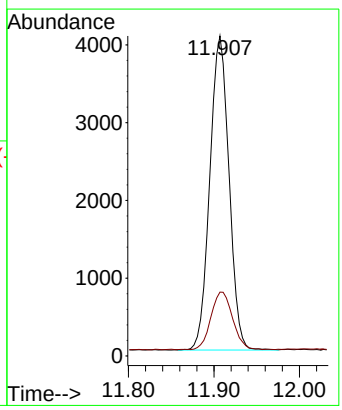


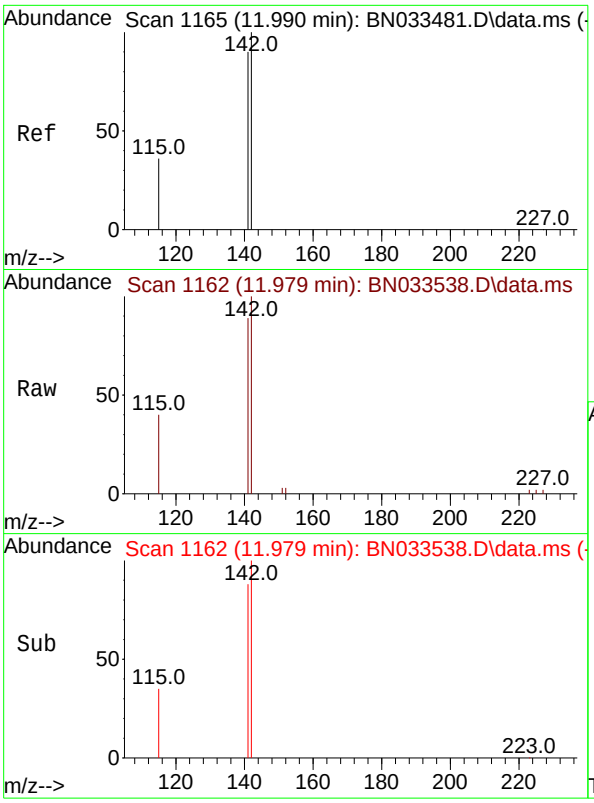


#11
2-Methylnaphthalene-d10
Concen: 0.166 ng
RT: 11.907 min Scan# 1143
Delta R.T. -0.008 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:152 Resp: 6293

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0



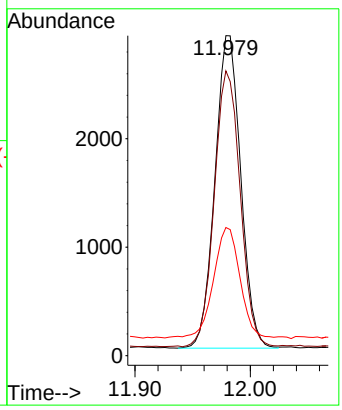


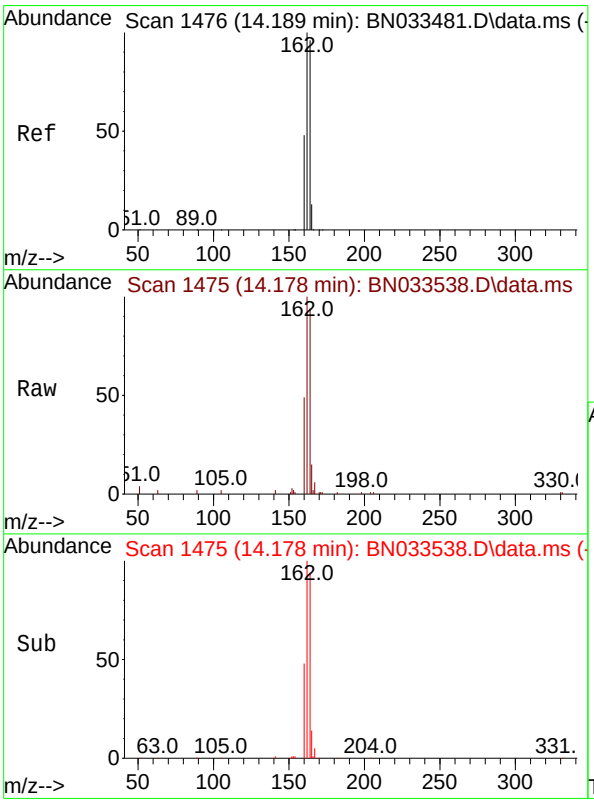
#12
2-Methylnaphthalene
Concen: 0.100 ng
RT: 11.979 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:142 Resp: 4488

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	40.1	29.4	44.2

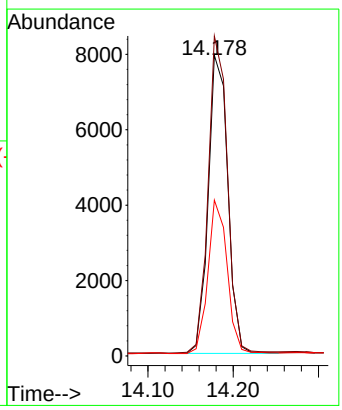


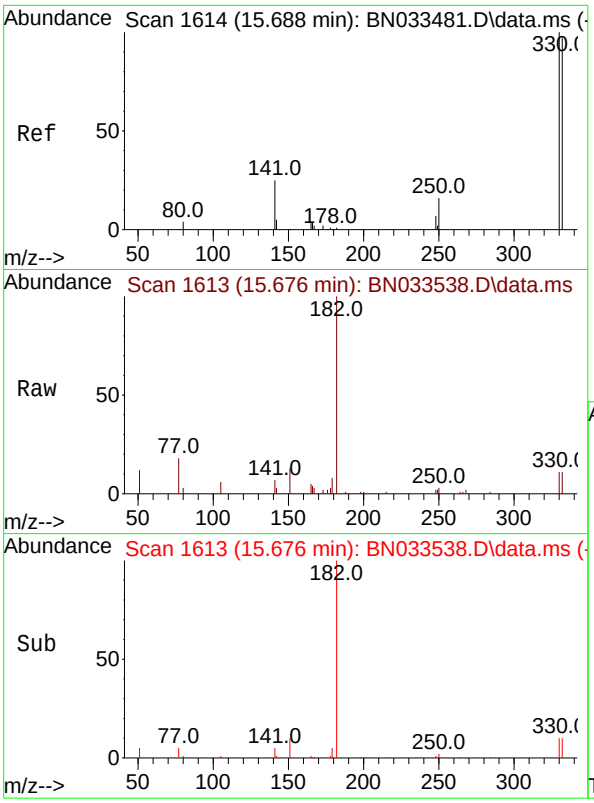


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:164 Resp: 12623

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.5	125.3
160	51.8	40.2	60.4



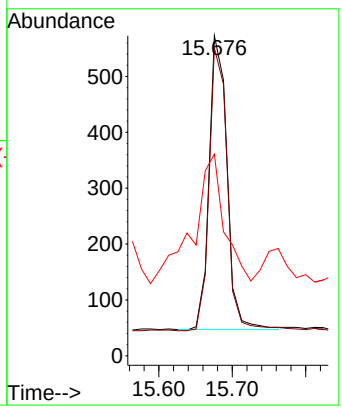


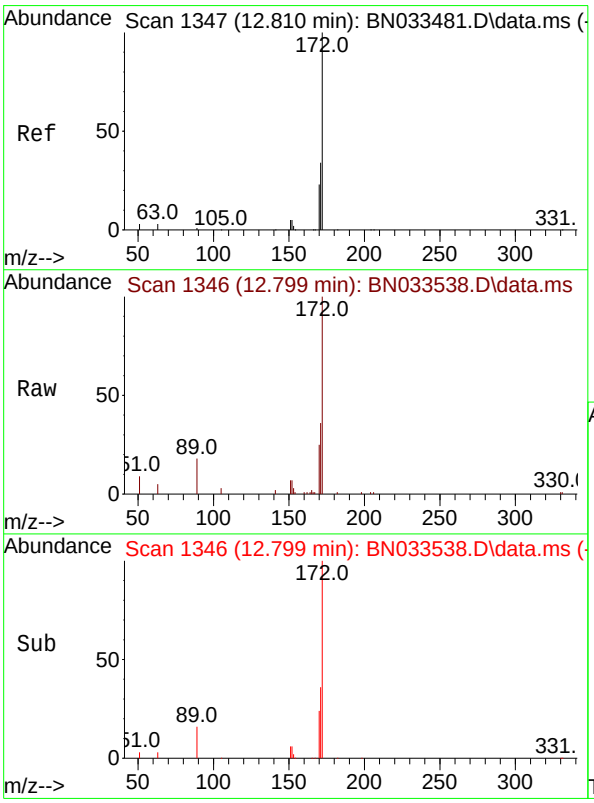
#14
2,4,6-Tribromophenol
Concen: 0.131 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:330 Resp: 891

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.5	116.3
141	71.2	33.9	50.9#

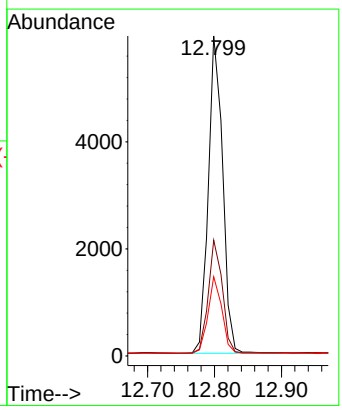


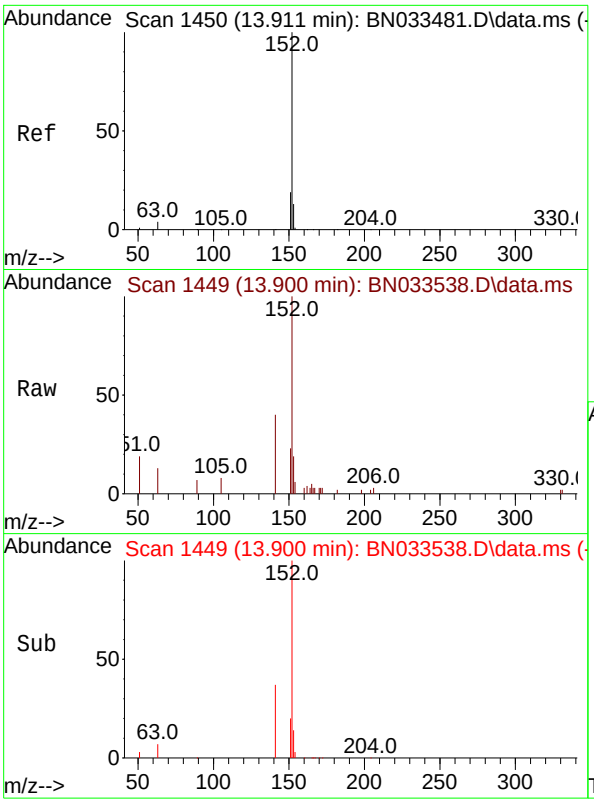


#15
2-Fluorobiphenyl
Concen: 0.171 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:172 Resp: 8801

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.7	41.5
170	24.8	18.3	27.5



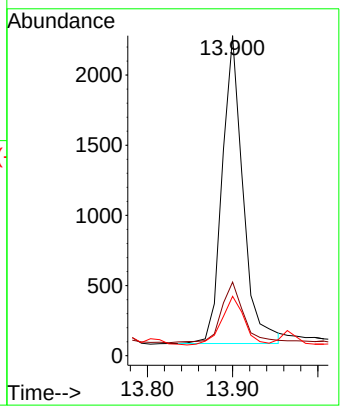


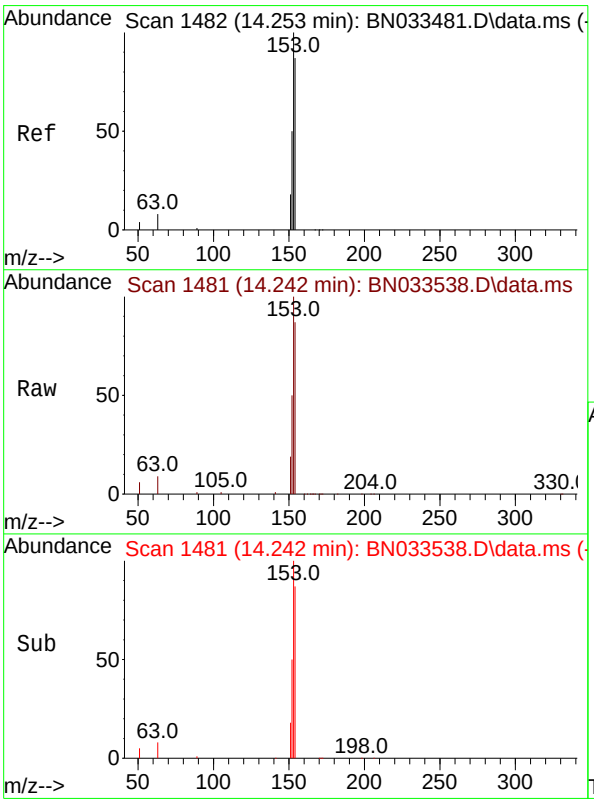
#16
Acenaphthylene
Concen: 0.067 ng
RT: 13.900 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:152 Resp: 3720

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	17.1	10.3	15.5#

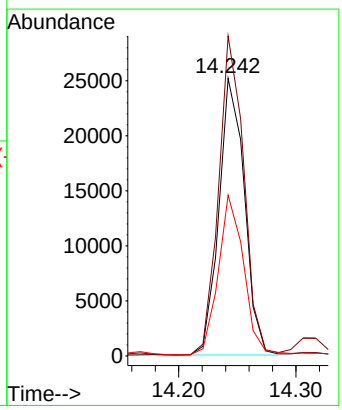


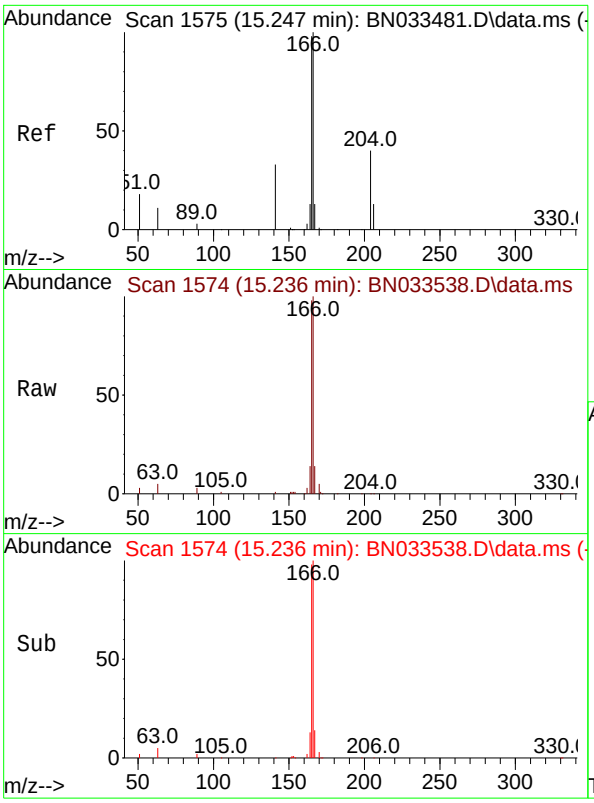


#17
Acenaphthene
Concen: 0.975 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.011 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:154 Resp: 37976

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.0	133.6
152	57.1	45.2	67.8



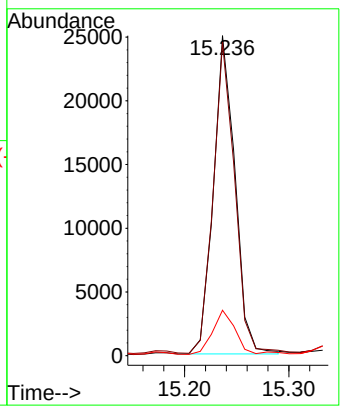


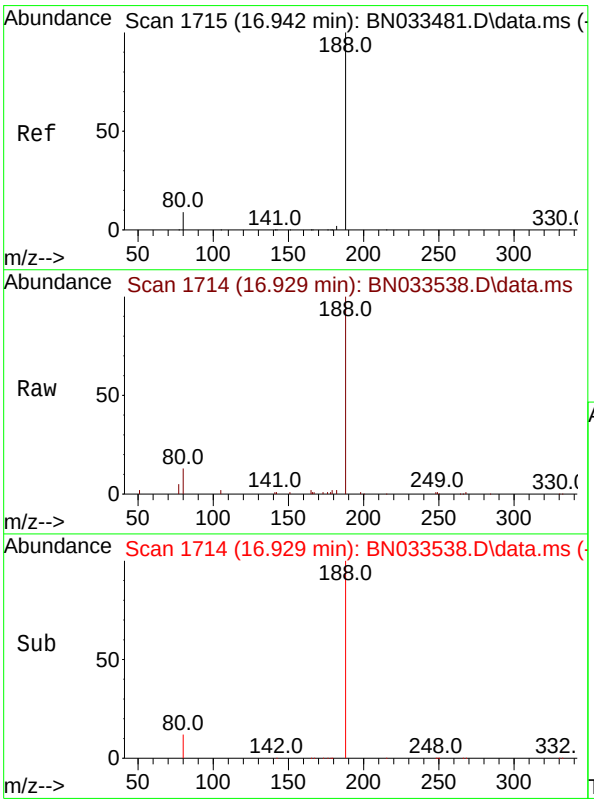
#18
Fluorene
Concen: 0.733 ng
RT: 15.236 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:166 Resp: 35979

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.2	117.4
167	14.8	10.6	16.0

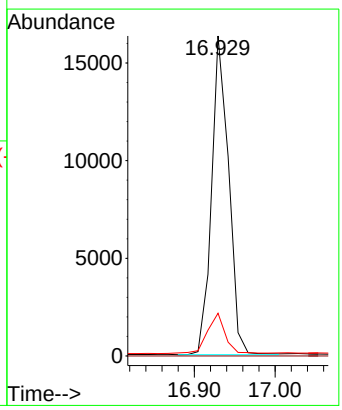


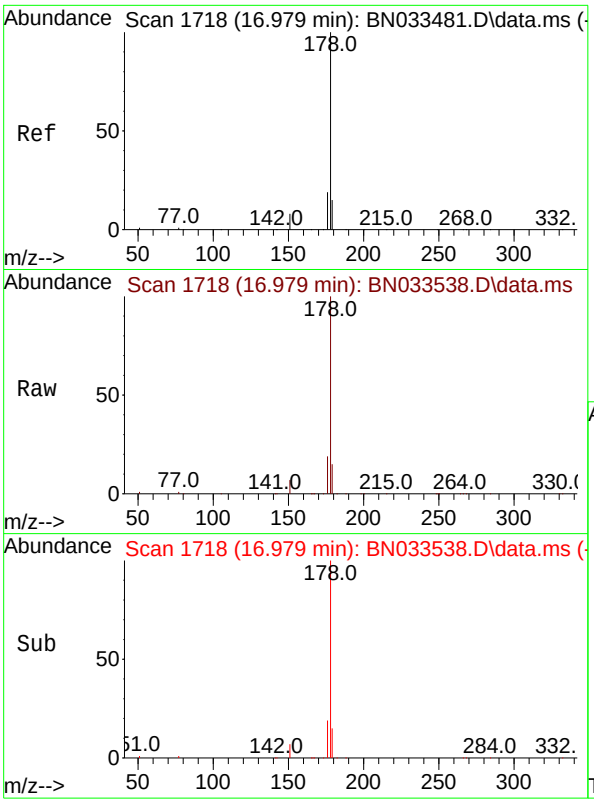


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:188 Resp: 23903

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	7.8	11.8#



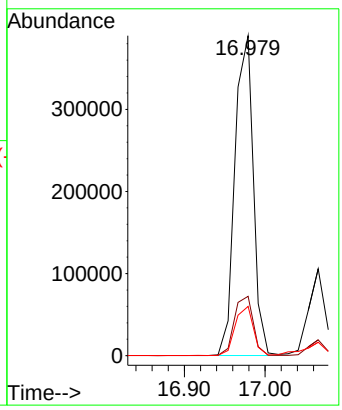


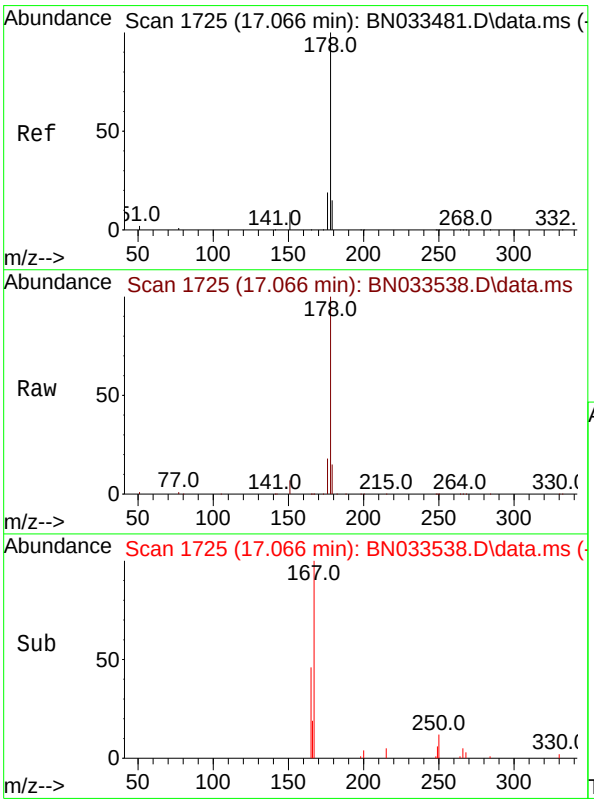
#25
Phenanthrene
Concen: 9.270 ng
RT: 16.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:178 Resp: 616448

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.3	18.5

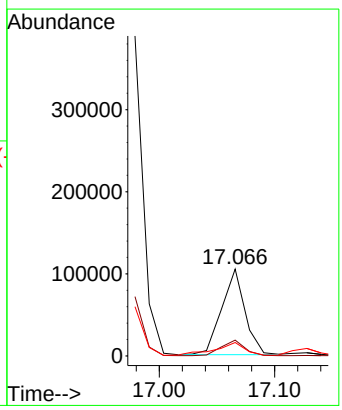


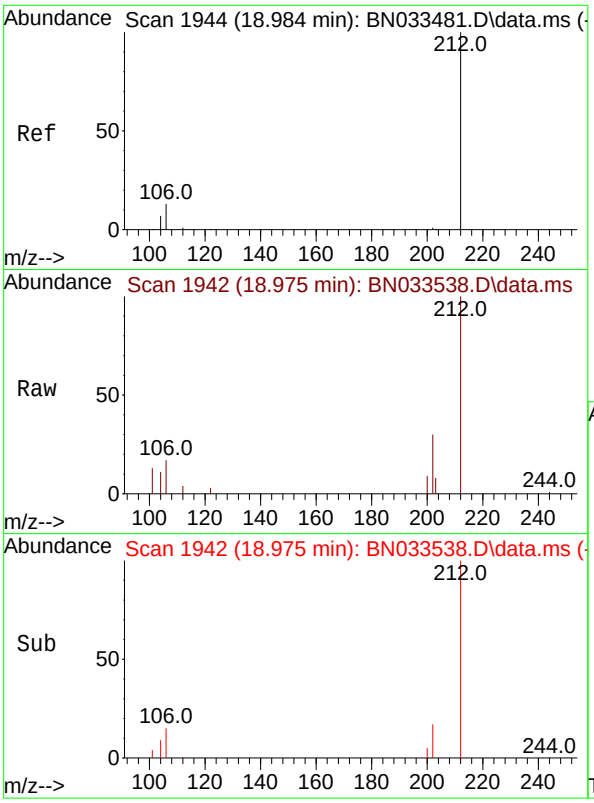


#26
Anthracene
Concen: 2.490 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:178 Resp: 146486

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	18.3	12.4	18.6



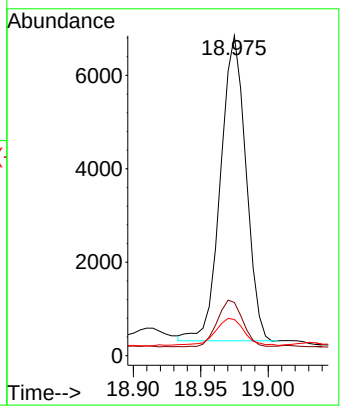


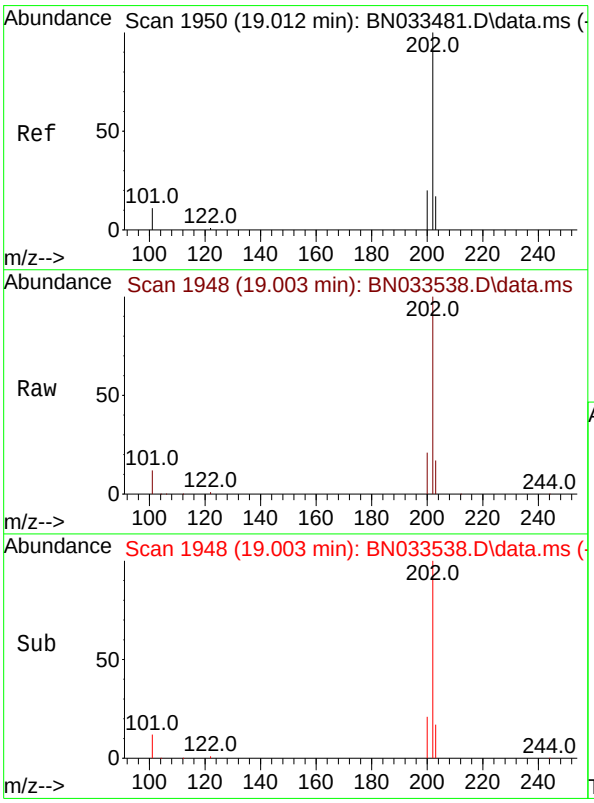
#27
Fluoranthene-d10
Concen: 0.149 ng
RT: 18.975 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:212 Resp: 8556

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.3	18.5
104	10.8	7.0	10.4#

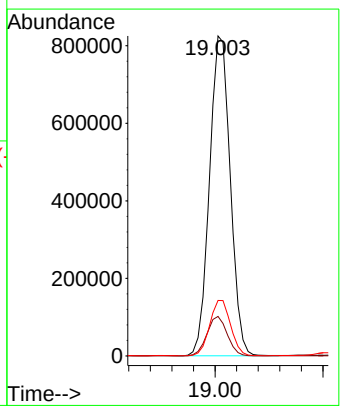


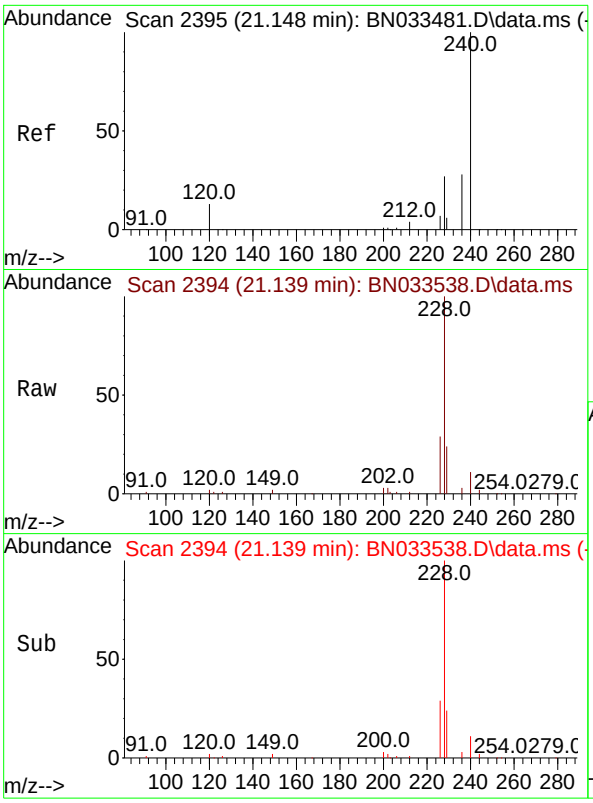


#28
Fluoranthene
Concen: 15.020 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:202 Resp: 1103776

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.5	14.3
203	17.4	13.8	20.6



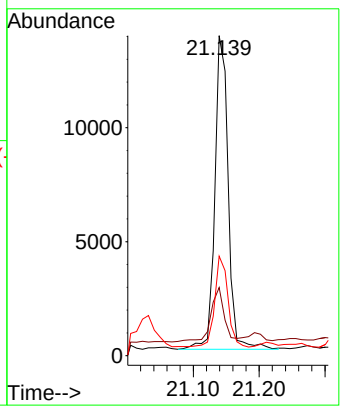


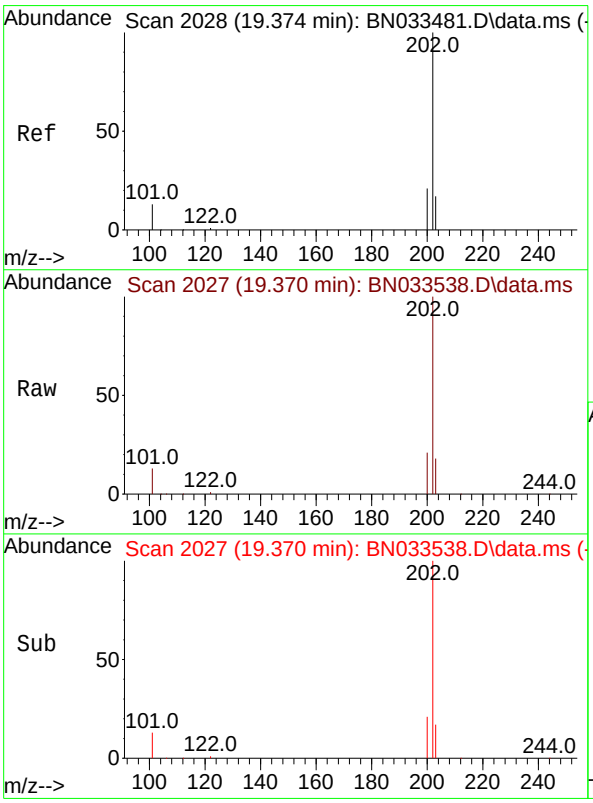
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:240 Resp: 19394

Ion	Ratio	Lower	Upper
240	100		
120	21.3	12.4	18.6#
236	31.1	23.0	34.6

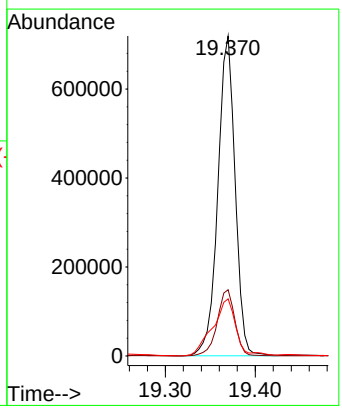


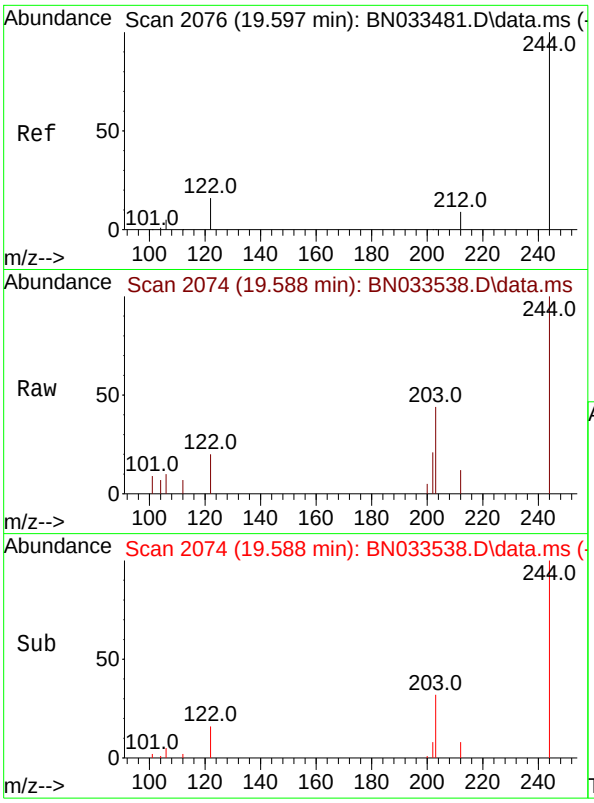


#30
Pyrene
Concen: 11.047 ng
RT: 19.370 min Scan# 2027
Delta R.T. -0.005 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:202 Resp: 956242

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	23.8	14.2	21.4#



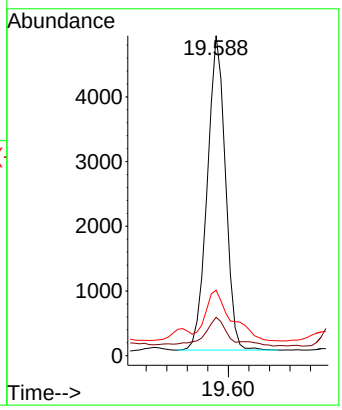


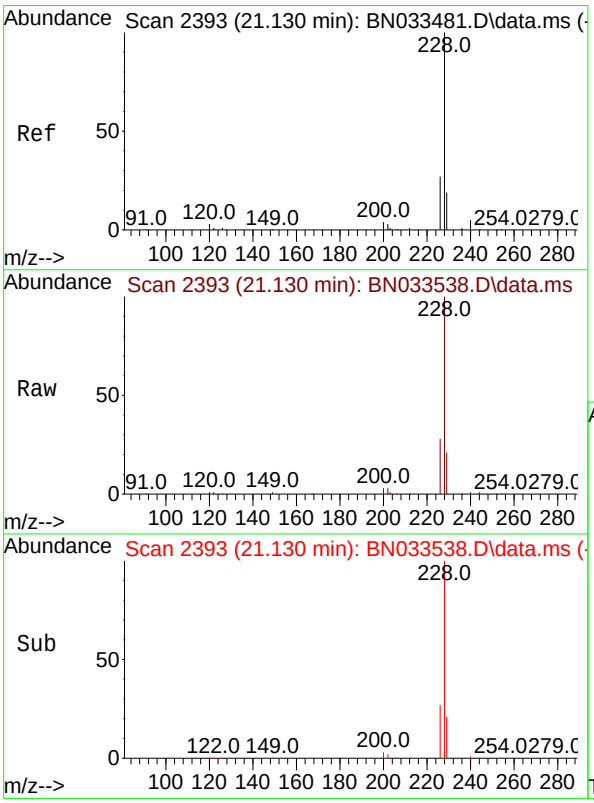
#31
Terphenyl-d14
Concen: 0.135 ng
RT: 19.588 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:244 Resp: 5947

Ion	Ratio	Lower	Upper
244	100		
212	12.0	7.8	11.6#
122	20.4	13.3	19.9#

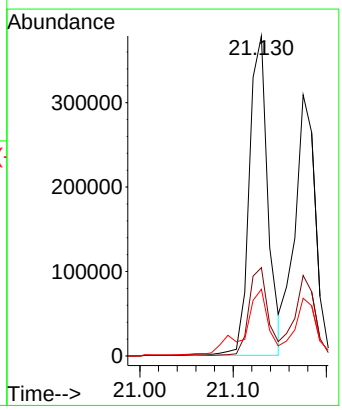


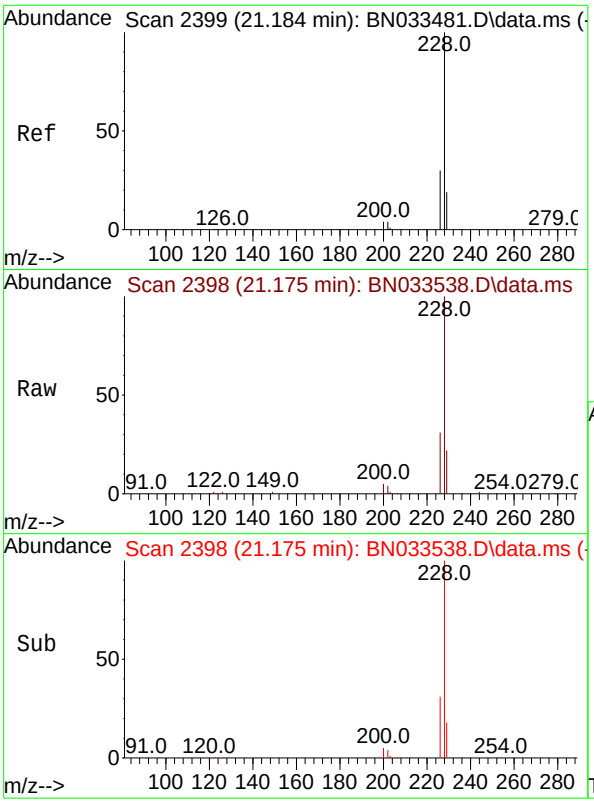


#32
Benzo(a)anthracene
Concen: 7.476 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:228 Resp: 524191

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	20.8	15.8	23.6



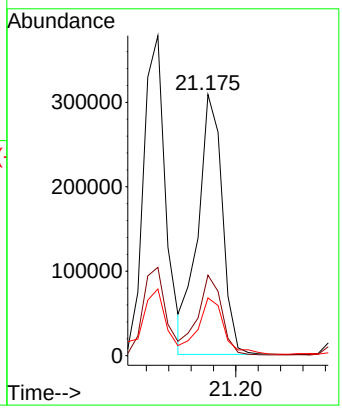


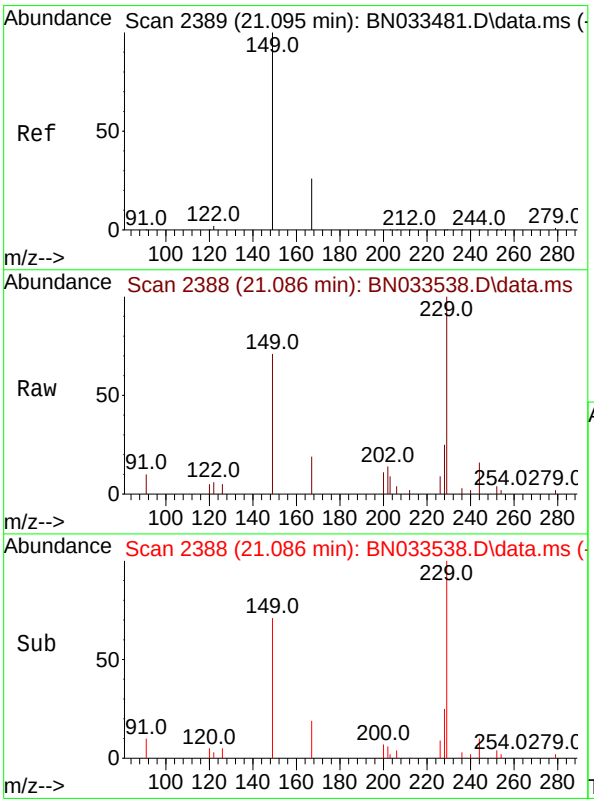
#33
Chrysene
Concen: 6.697 ng
RT: 21.175 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:228 Resp: 466751

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	22.1	15.6	23.4

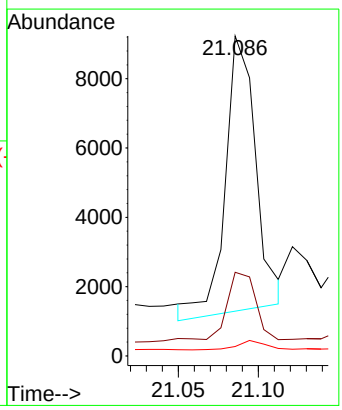


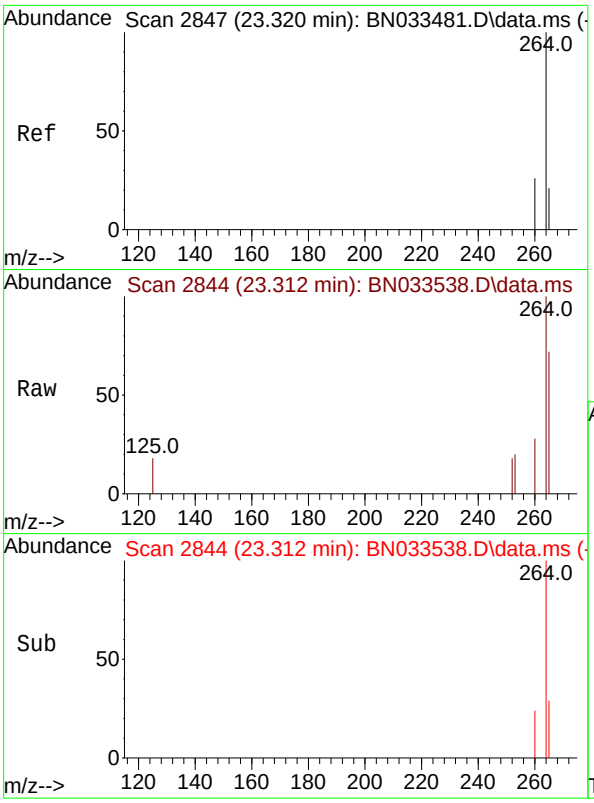


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.238 ng
RT: 21.086 min Scan# 2388
Delta R.T. -0.009 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:149 Resp: 10543

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.5	32.3
279	4.6	2.2	3.2#



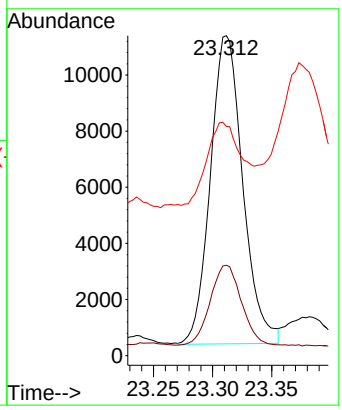


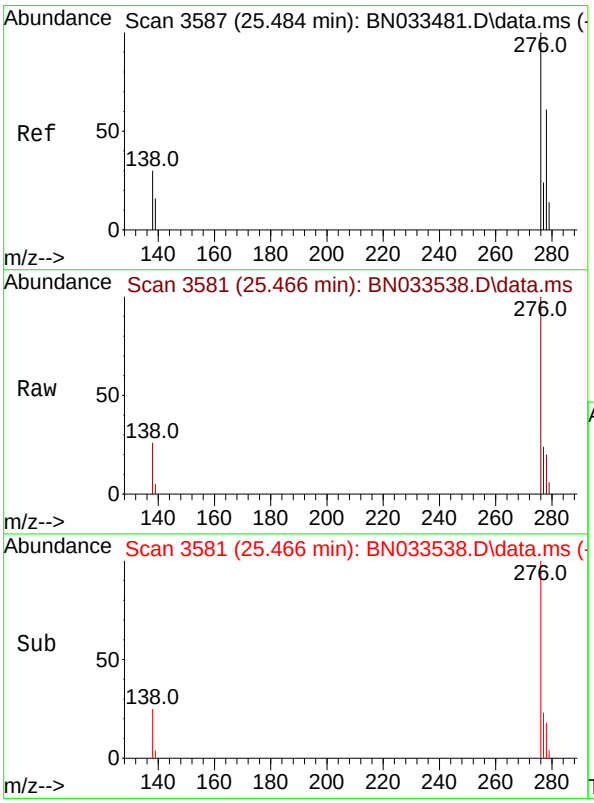
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.312 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:264 Resp: 20944

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.8	31.2
265	71.7	52.2	78.2

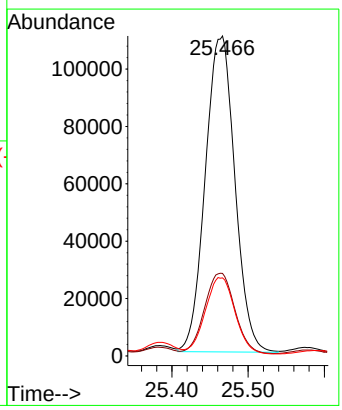


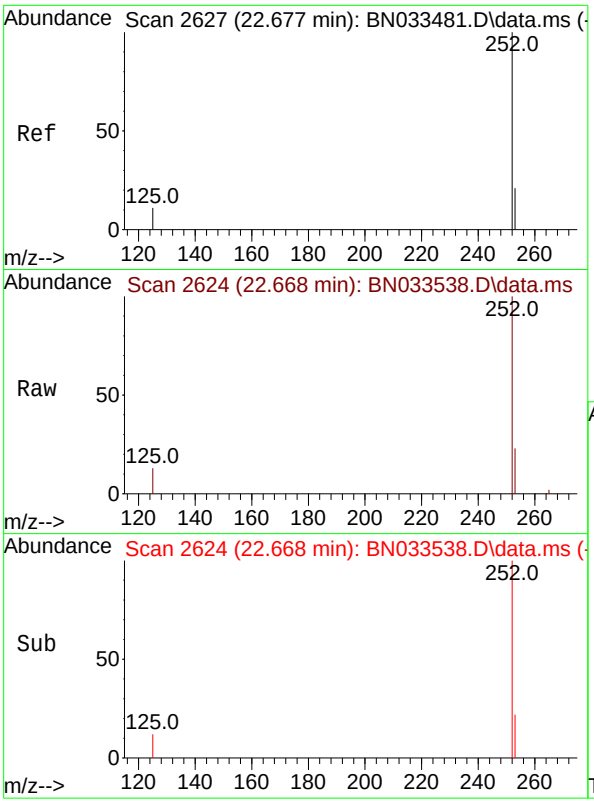


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.416 ng
RT: 25.466 min Scan# 3581
Delta R.T. -0.018 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:276 Resp: 297012

Ion	Ratio	Lower	Upper
276	100		
138	26.0	24.4	36.6
277	24.3	19.8	29.6



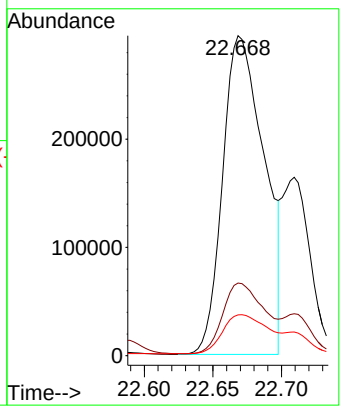


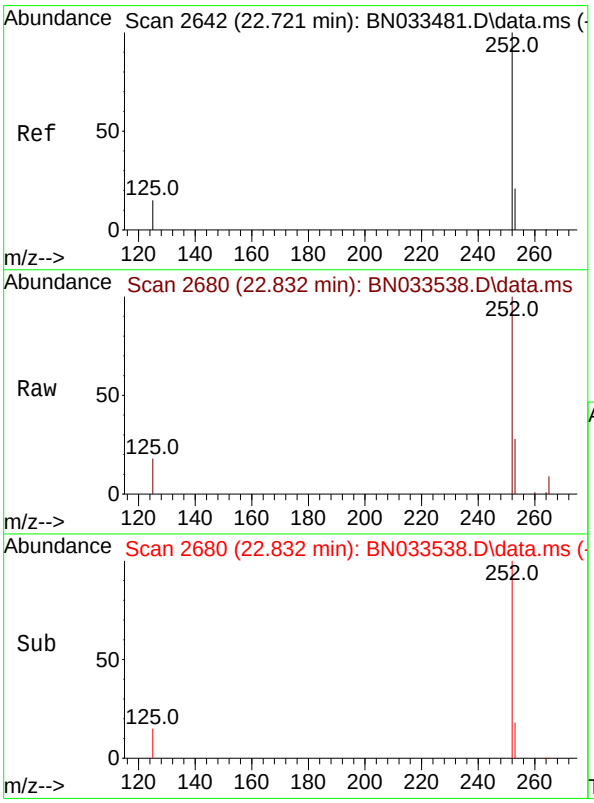
#37
Benzo(b)fluoranthene
Concen: 7.950 ng
RT: 22.668 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:252 Resp: 621827

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.8	29.8
125	12.7	13.9	20.9#

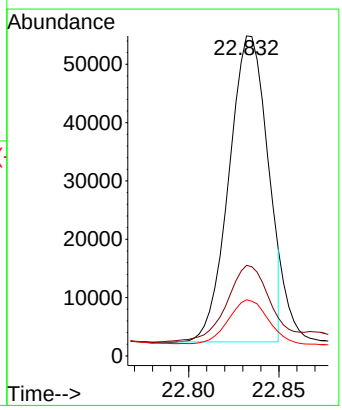


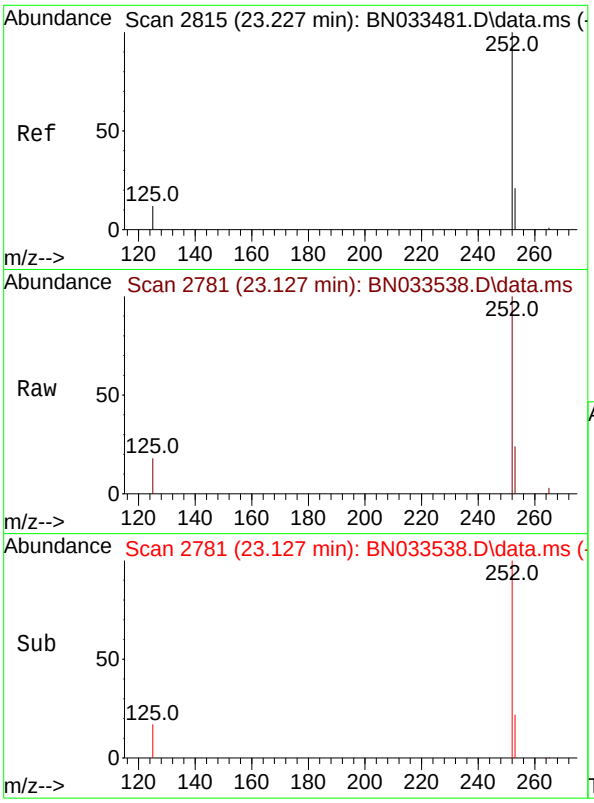


#38
Benzo(k)fluoranthene
Concen: 1.010 ng
RT: 22.832 min Scan# 2680
Delta R.T. 0.111 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:252 Resp: 77758

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.8	29.8
125	17.6	15.8	23.8



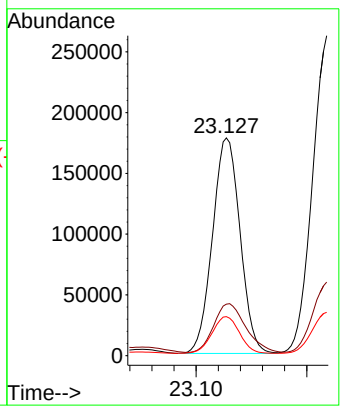


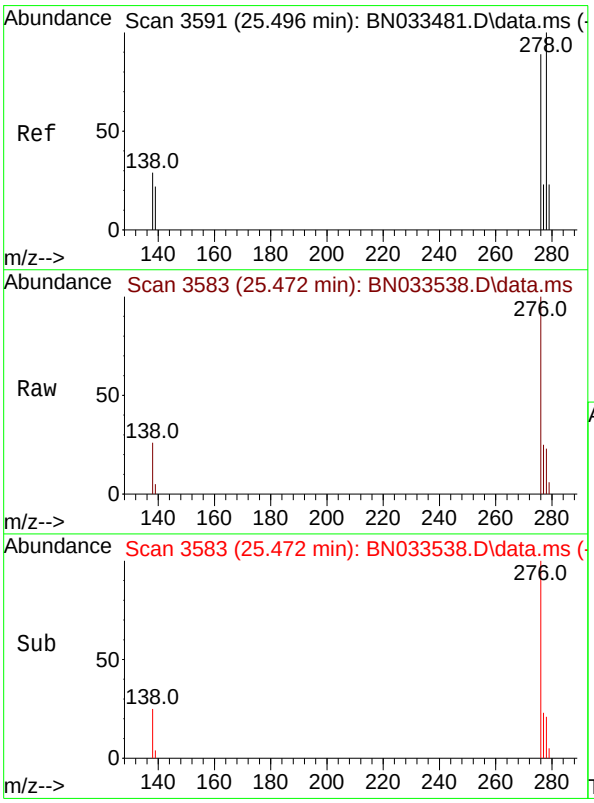
#39
Benzo(a)pyrene
Concen: 4.750 ng
RT: 23.127 min Scan# 2
Delta R.T. -0.099 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:252 Resp: 307379

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.5	32.3
125	17.9	17.0	25.4

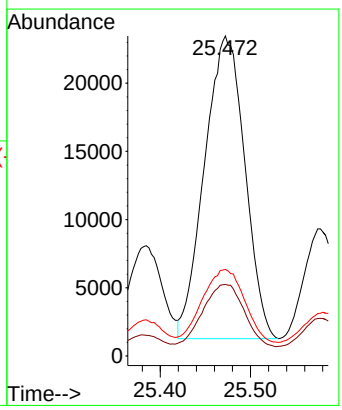


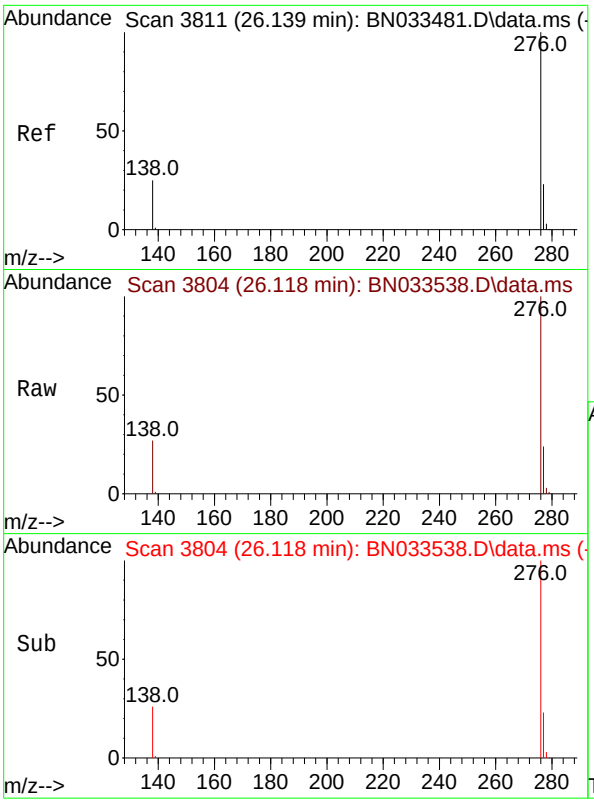


#40
Dibenzo(a,h)anthracene
Concen: 0.990 ng
RT: 25.472 min Scan# 3583
Delta R.T. -0.023 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Tgt Ion:278 Resp: 68839

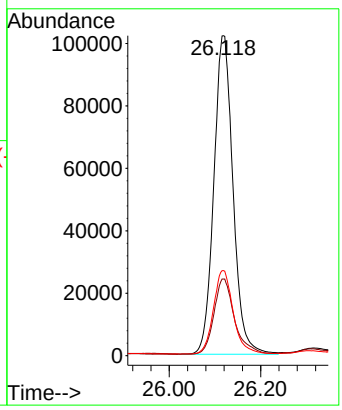
Ion	Ratio	Lower	Upper
278	100		
139	22.4	19.1	28.7
279	27.0	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 3.998 ng
RT: 26.118 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN033538.D
Acq: 21 Aug 2024 11:53

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FD

Tgt Ion:276 Resp: 297289

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.7	29.5
138	26.6	21.8	32.6