Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033590.D
Acq On : 23 Aug 2024 15:23
Operator : MA/JU
Sample : P3660-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Quant Time: Aug 23 15:49:32 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

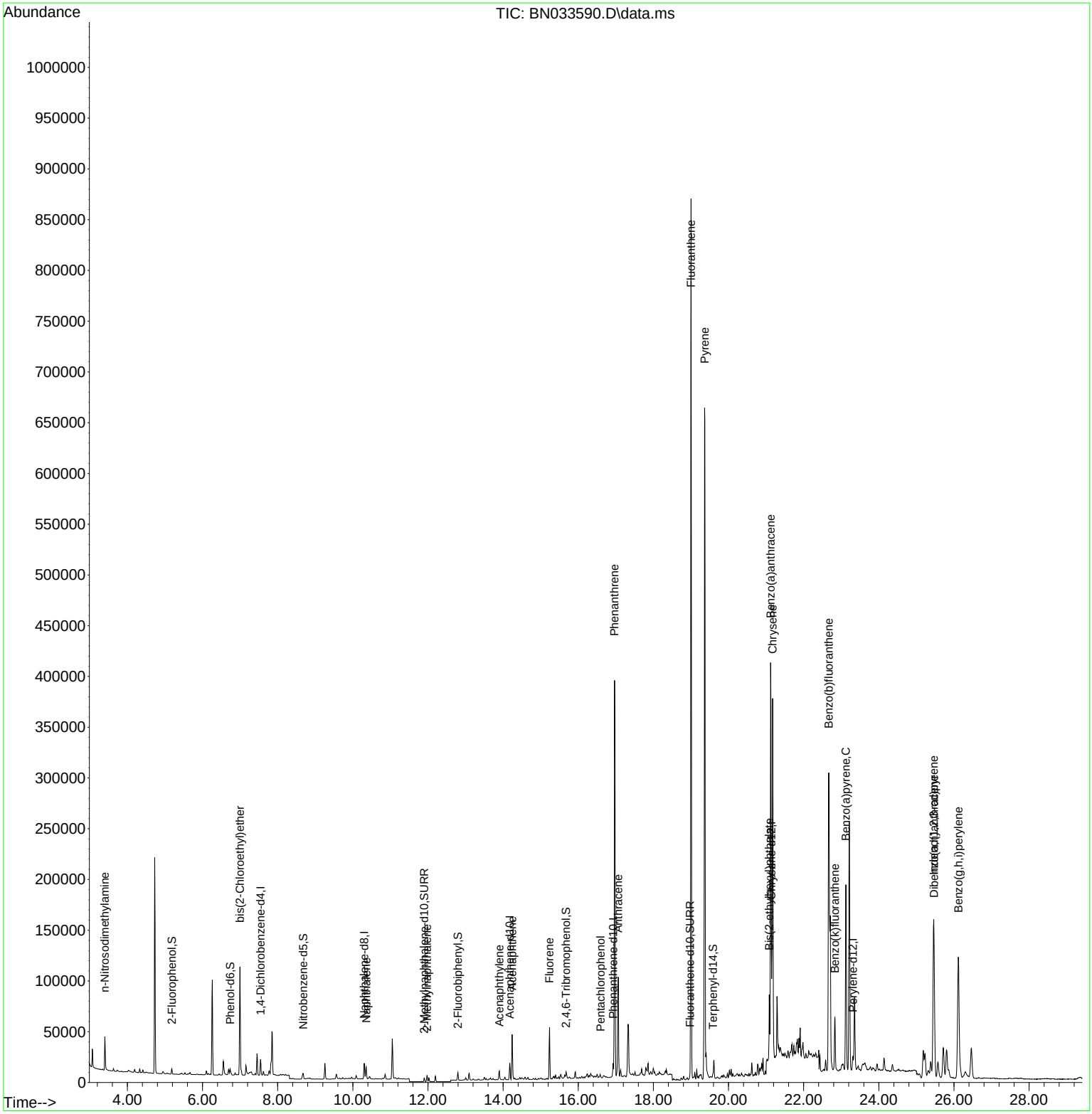
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	6922	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	18522	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	8844	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17081	0.400	ng	# 0.00
29) Chrysene-d12	21.139	240	14445	0.400	ng	# 0.00
35) Perylene-d12	23.312	264	16231	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3841	0.175	ng	0.00
5) Phenol-d6	6.736	99	4916	0.188	ng	0.00
8) Nitrobenzene-d5	8.681	82	3571	0.232	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	4901	0.185	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	978	0.206	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6027	0.167	ng	0.00
27) Fluoranthene-d10	18.975	212	5244	0.128	ng	0.00
31) Terphenyl-d14	19.588	244	3536	0.108	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	4403	0.475	ng	# 1
6) bis(2-Chloroethyl)ether	6.996	93	146169	7.877	ng	# 22
9) Naphthalene	10.357	128	14265	0.288	ng	99
12) 2-Methylnaphthalene	11.975	142	4334	0.138	ng	97
16) Acenaphthylene	13.900	152	10479	0.270	ng	99
17) Acenaphthene	14.242	154	20926	0.767	ng	98
18) Fluorene	15.236	166	30274	0.880	ng	97
24) Pentachlorophenol	16.594	266	208	0.042	ng	89
25) Phenanthrene	16.967	178	408709	8.601	ng	100
26) Anthracene	17.066	178	105267	2.504	ng	97
28) Fluoranthene	19.003	202	720582	13.722	ng	100
30) Pyrene	19.365	202	604209	9.372	ng	# 93
32) Benzo(a)anthracene	21.121	228	349643	6.695	ng	98
33) Chrysene	21.175	228	312652	6.023	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	50511	1.528	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.463	276	236474	3.509	ng	# 93
37) Benzo(b)fluoranthene	22.668	252	451626	7.451	ng	# 93
38) Benzo(k)fluoranthene	22.832	252	57429	0.963	ng	95
39) Benzo(a)pyrene	23.124	252	230739	4.601	ng	92
40) Dibenzo(a,h)anthracene	25.472	278	57144	1.061	ng	98
41) Benzo(g,h,i)perylene	26.118	276	233672	4.055	ng	97

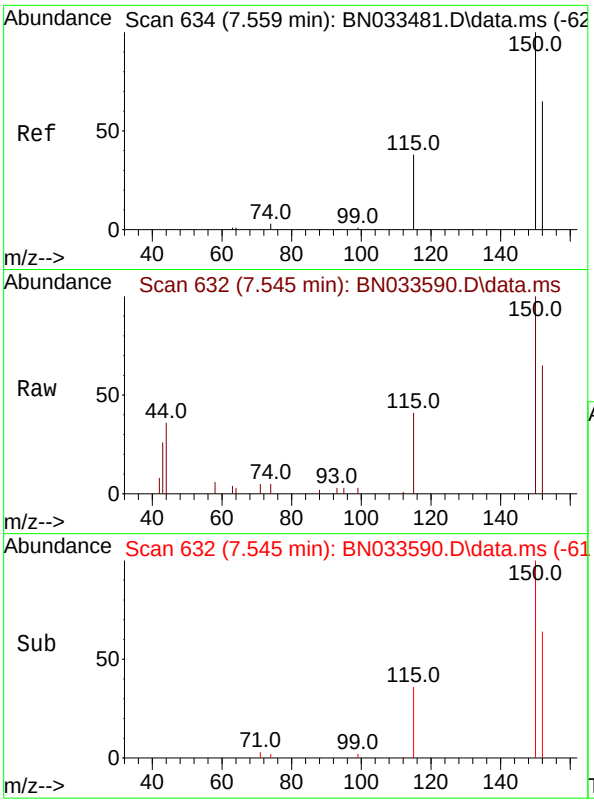
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033590.D
Acq On : 23 Aug 2024 15:23
Operator : MA/JU
Sample : P3660-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Quant Time: Aug 23 15:49:32 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



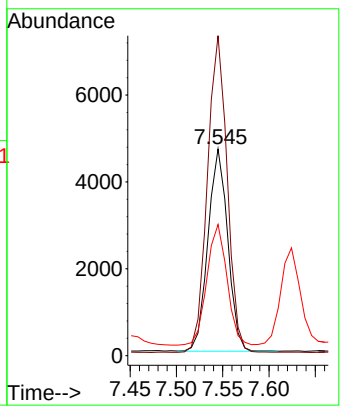


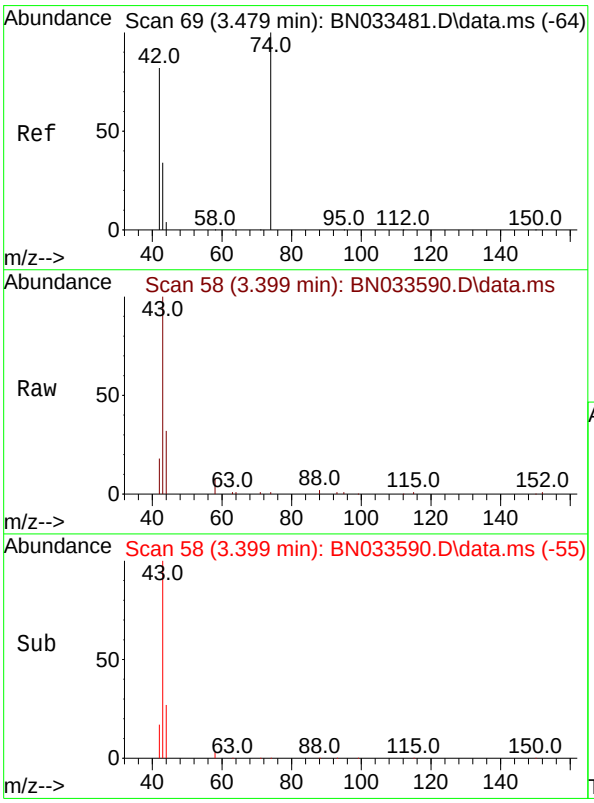
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:152 Resp: 6922

Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.2	183.2
115	63.5	47.2	70.8

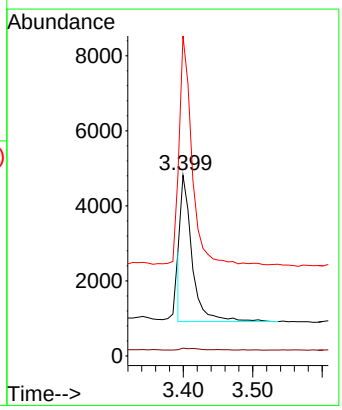


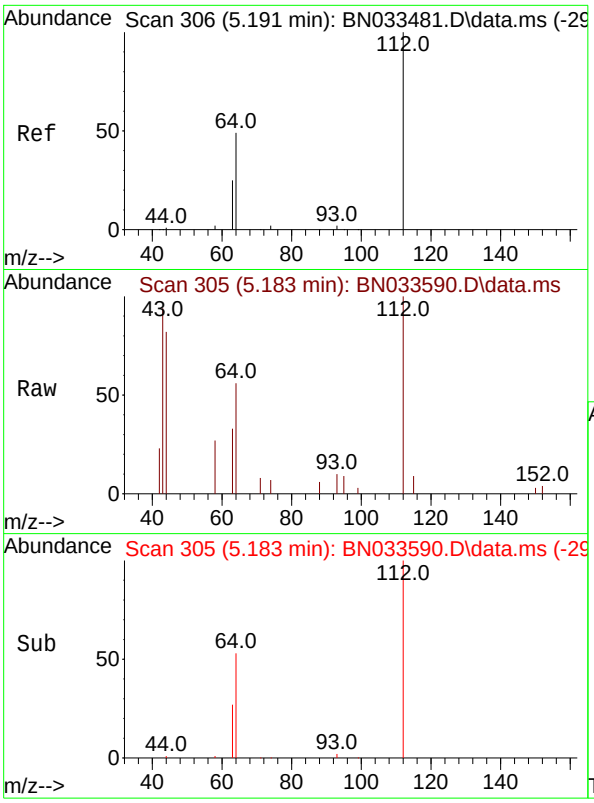


#3
n-Nitrosodimethylamine
Concen: 0.475 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion: 42 Resp: 4403

Ion	Ratio	Lower	Upper
42	100		
74	1.3	100.2	150.2#
44	153.6	5.3	7.9#



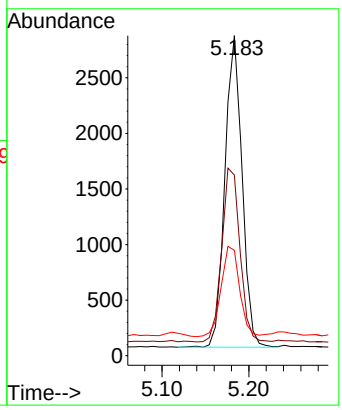


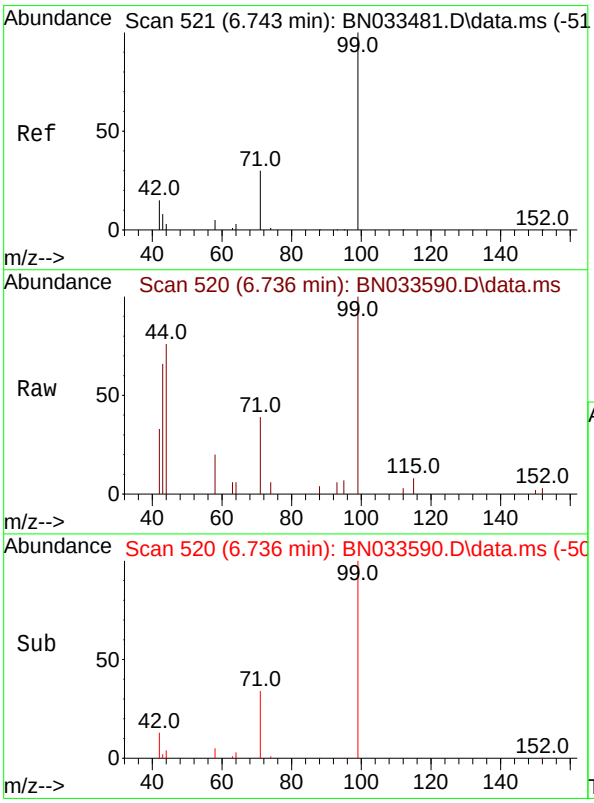
#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.183 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:112 Resp: 3841

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.1	70.7
63	31.1	24.9	37.3

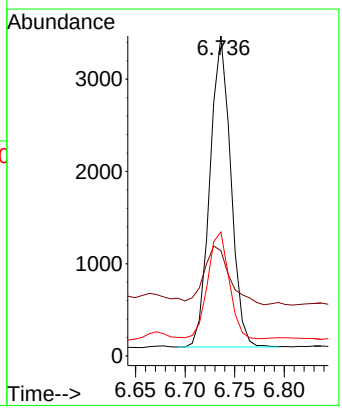


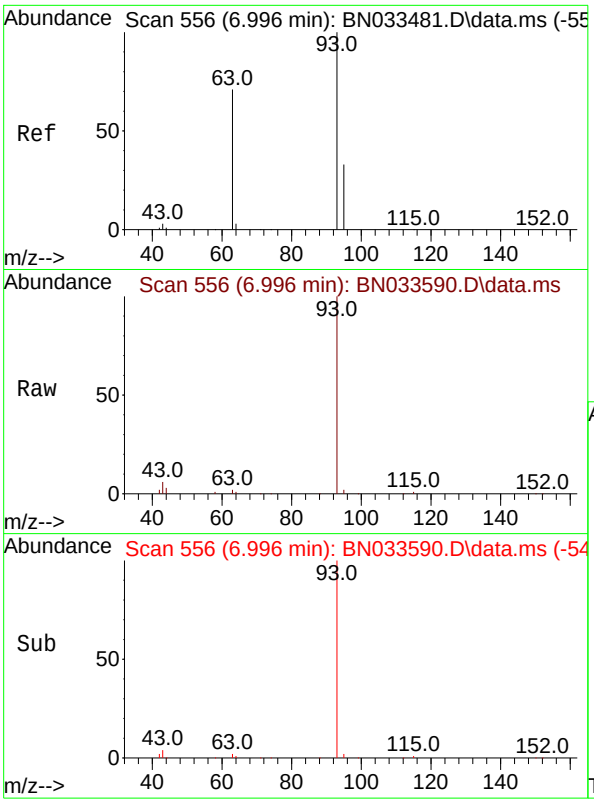


#5
Phenol-d6
Concen: 0.188 ng
RT: 6.736 min Scan# 520
Delta R.T. 0.007 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion: 99 Resp: 4916

Ion	Ratio	Lower	Upper
99	100		
42	23.1	16.6	24.8
71	35.6	26.2	39.4



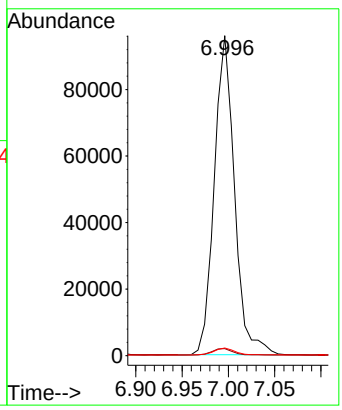


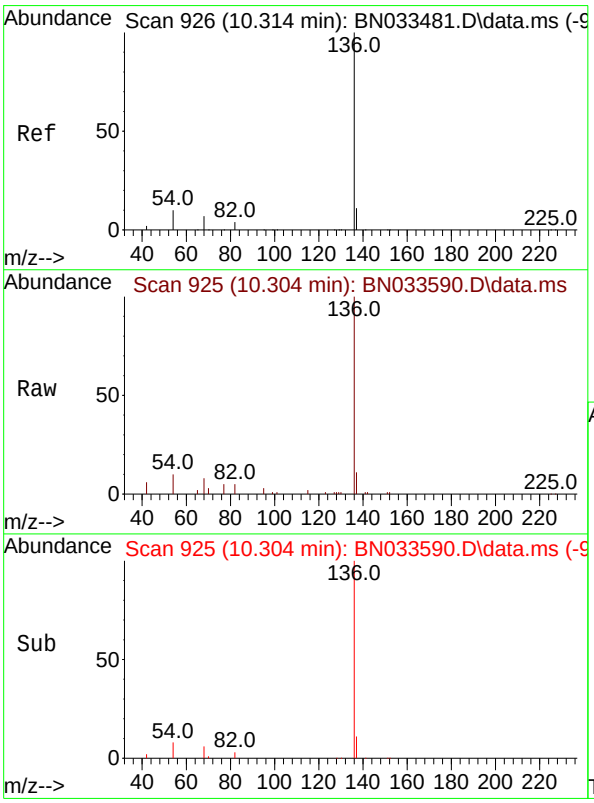
#6
bis(2-Chloroethyl)ether
Concen: 7.877 ng
RT: 6.996 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion: 93 Resp: 146169

Ion	Ratio	Lower	Upper
93	100		
63	2.2	63.0	94.4#
95	2.1	26.0	39.0#

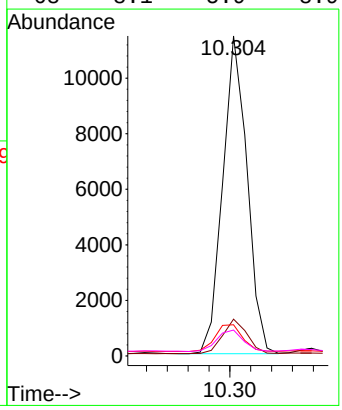


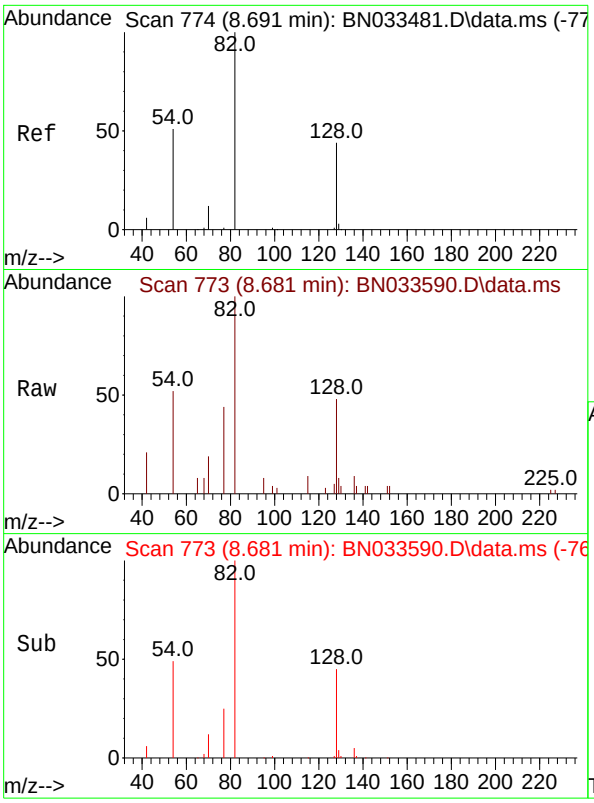


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:136 Resp: 18522

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.7	8.3	12.5
68	8.1	5.9	8.9



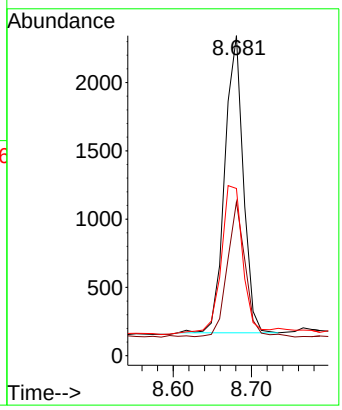


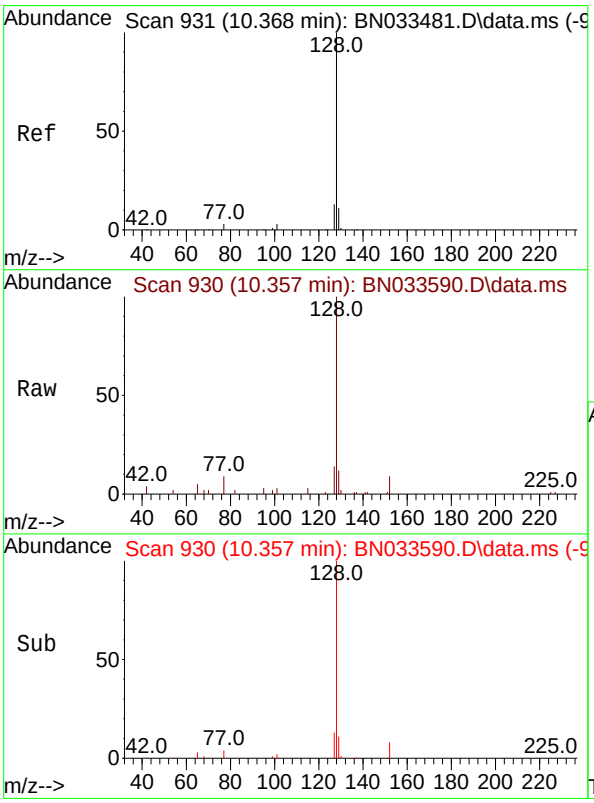
#8
Nitrobenzene-d5
Concen: 0.232 ng
RT: 8.681 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion: 82 Resp: 3571

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.0	54.0
54	52.2	42.0	63.0

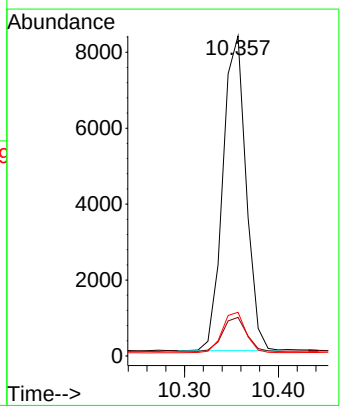


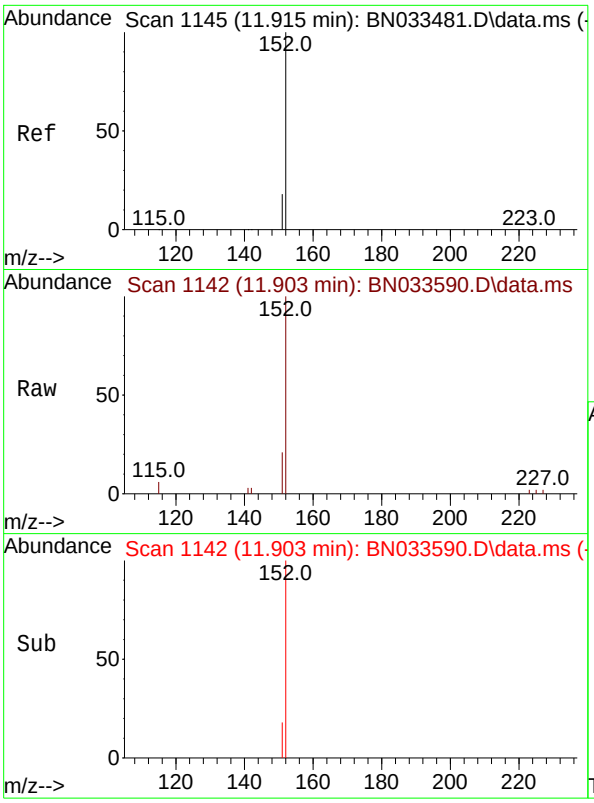


#9
Naphthalene
Concen: 0.288 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:128 Resp: 14265

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.7	10.7	16.1



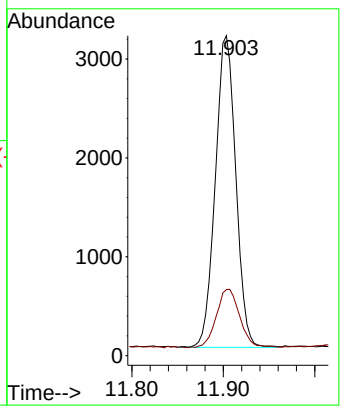


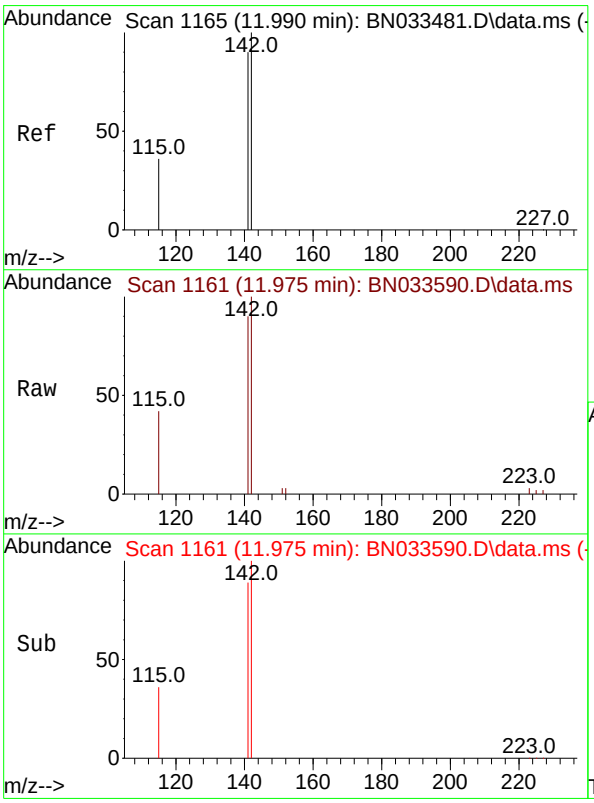
#11
2-Methylnaphthalene-d10
Concen: 0.185 ng
RT: 11.903 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:152 Resp: 4901

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.6	25.0

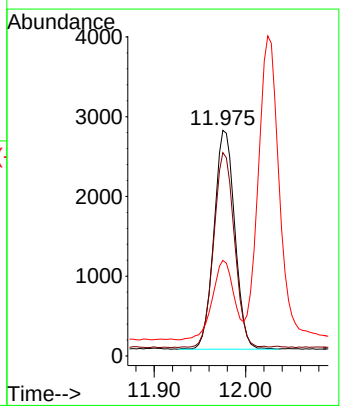


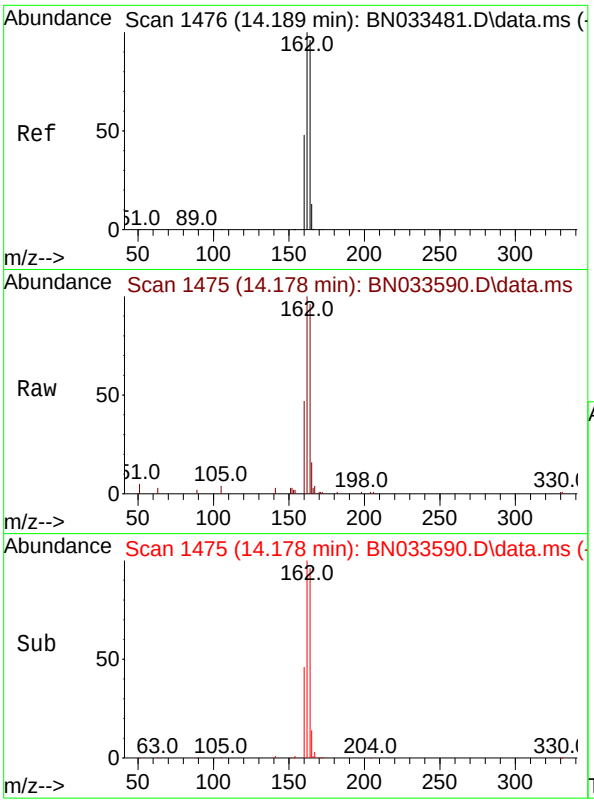


#12
2-Methylnaphthalene
Concen: 0.138 ng
RT: 11.975 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:142 Resp: 4334

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.7	107.5
115	42.3	29.4	44.2



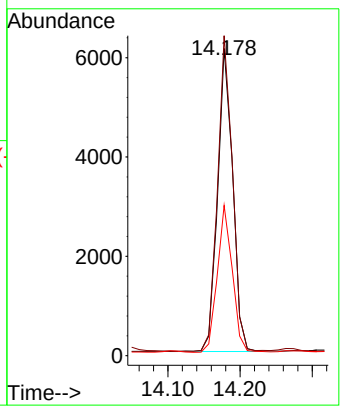


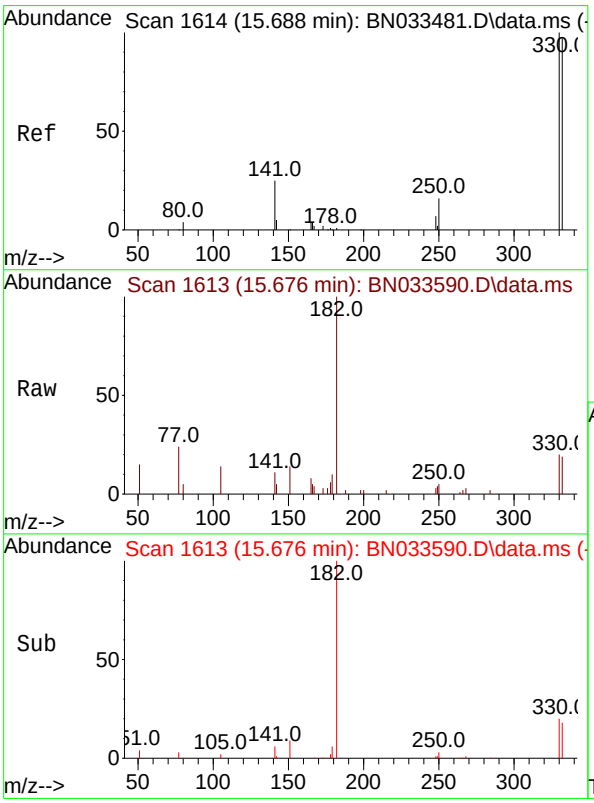
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:164 Resp: 8844

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.5	125.3
160	48.9	40.2	60.4

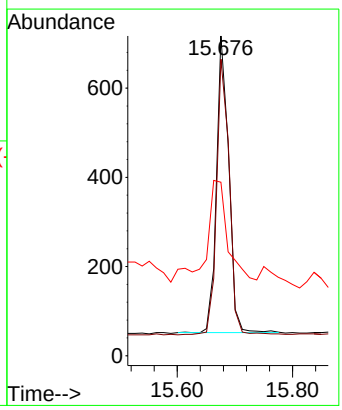


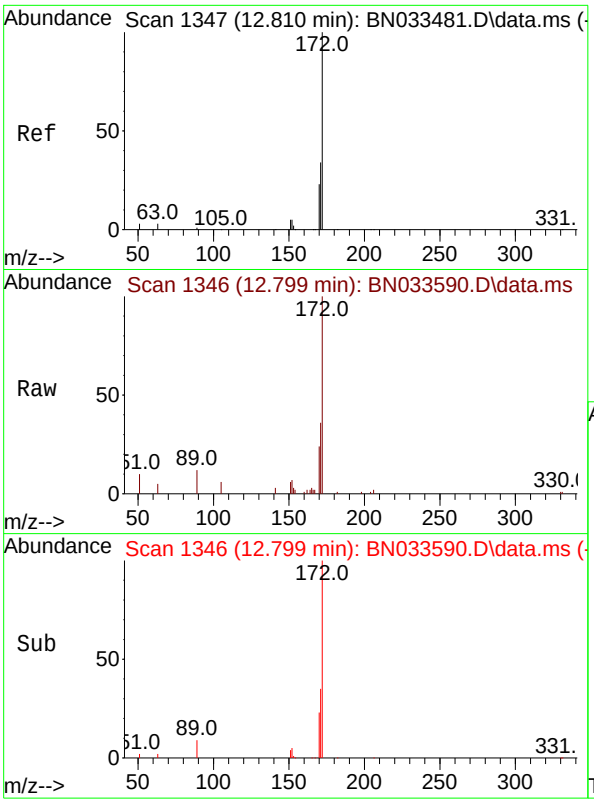


#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:330 Resp: 978

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	52.7	33.9	50.9#



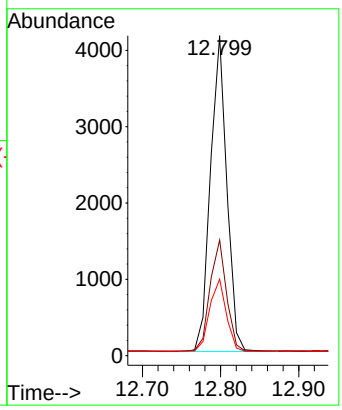


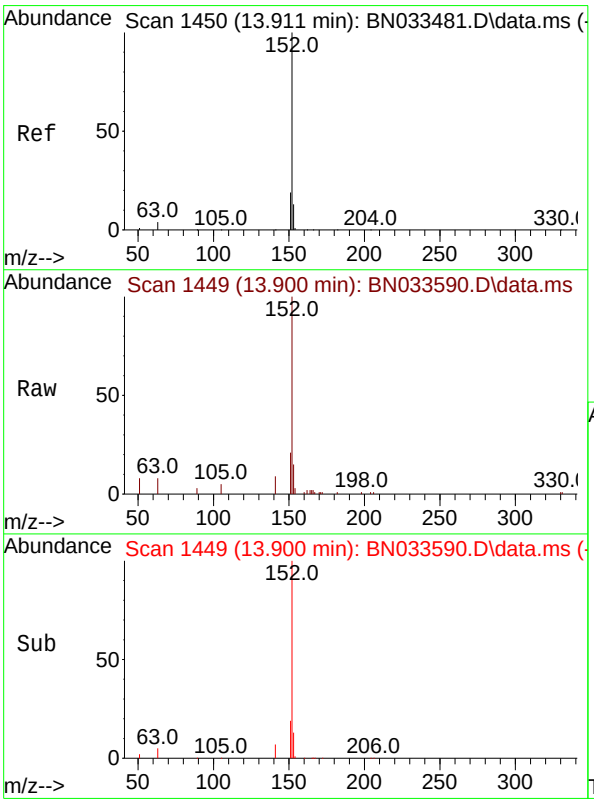
#15
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:172 Resp: 6027

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.7	41.5
170	23.9	18.3	27.5

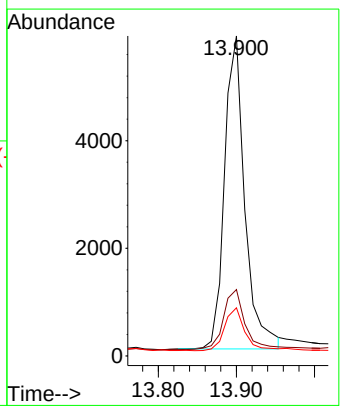


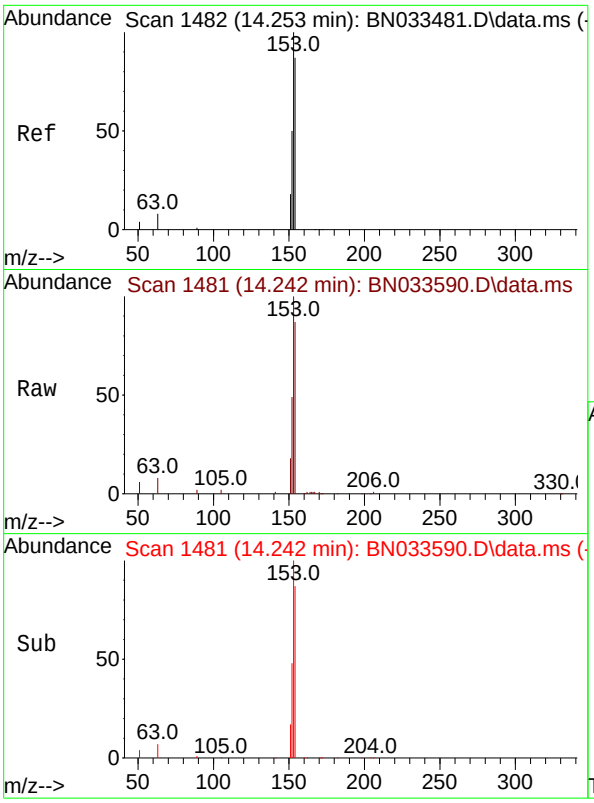


#16
Acenaphthylene
Concen: 0.270 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:152 Resp: 10479

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.6	10.3	15.5



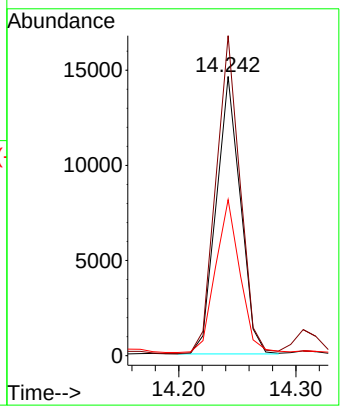


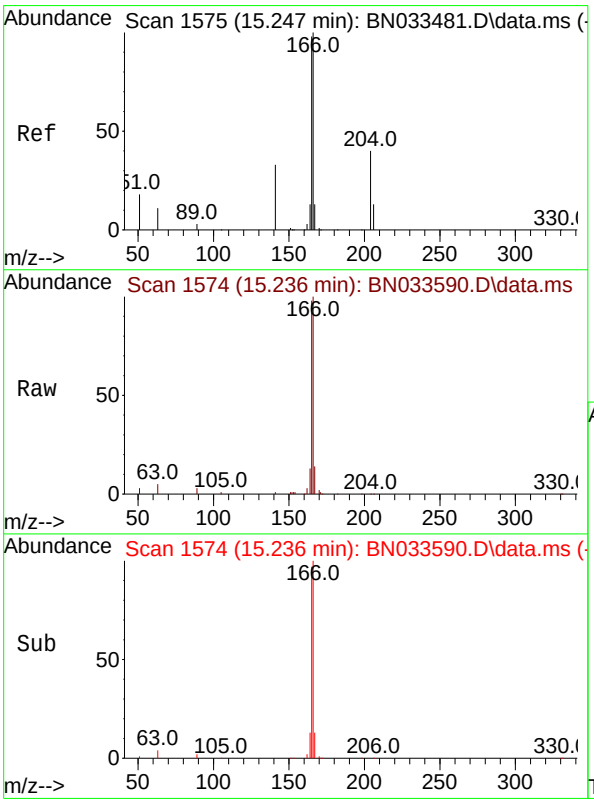
#17
Acenaphthene
Concen: 0.767 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:154 Resp: 20926

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.0	133.6
152	55.6	45.2	67.8

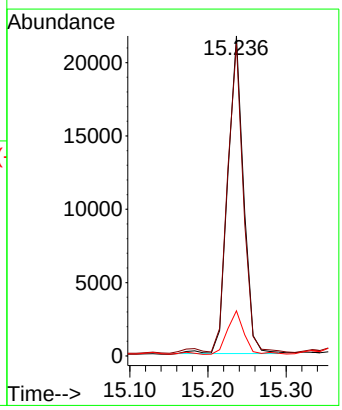


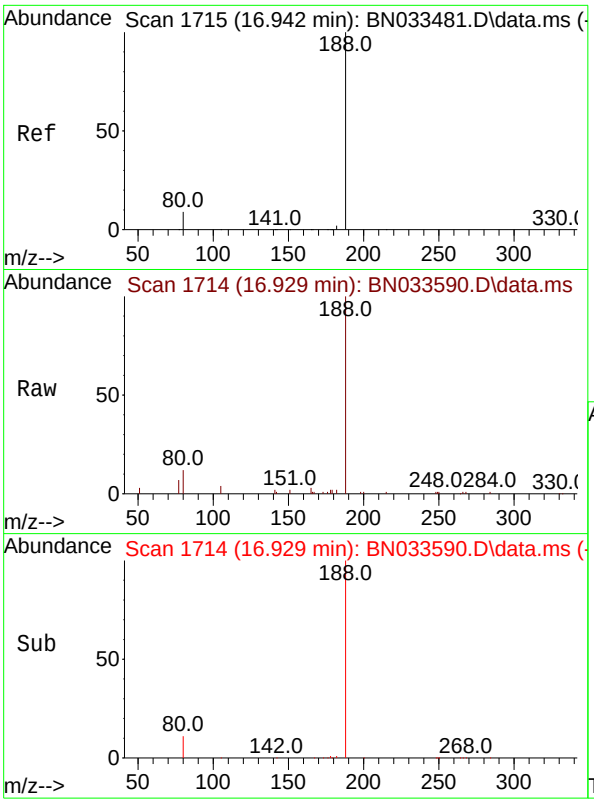


#18
Fluorene
Concen: 0.880 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:166 Resp: 30274

Ion	Ratio	Lower	Upper
166	100		
165	95.1	78.2	117.4
167	14.4	10.6	16.0



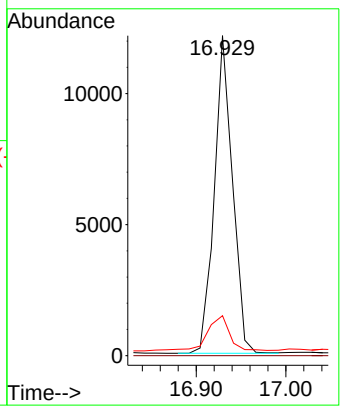


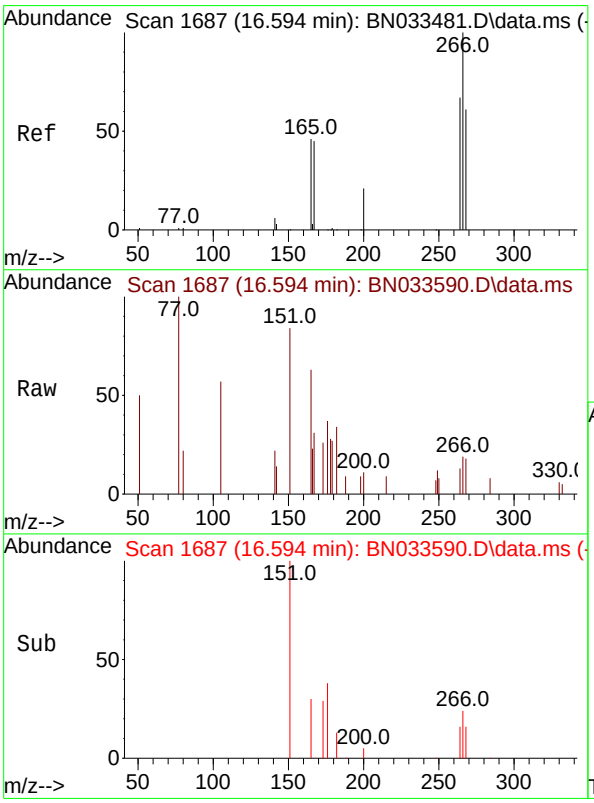
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:188 Resp: 17081

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	7.8	11.8#

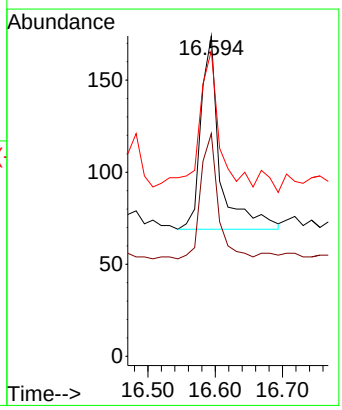


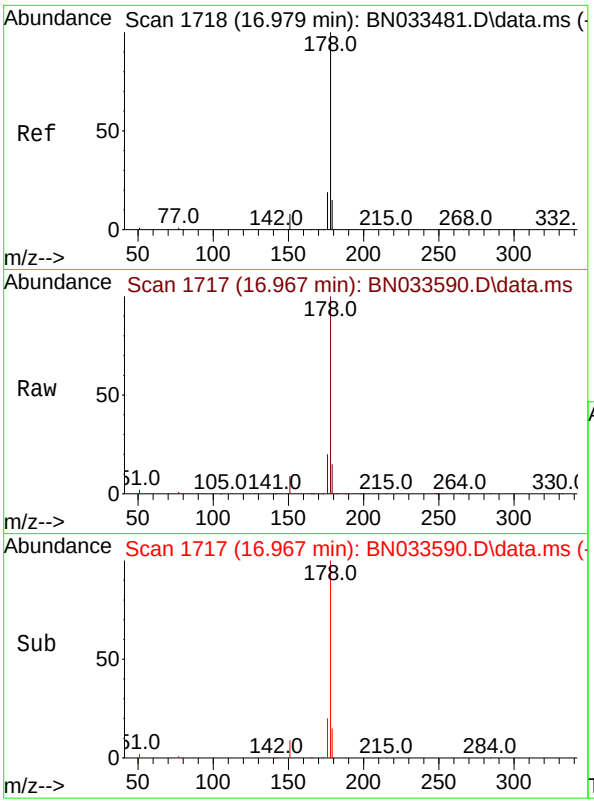


#24
Pentachlorophenol
Concen: 0.042 ng
RT: 16.594 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:266 Resp: 208

Ion	Ratio	Lower	Upper
266	100		
264	55.3	51.9	77.9
268	70.7	51.0	76.4



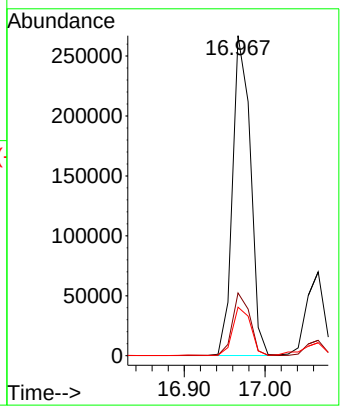


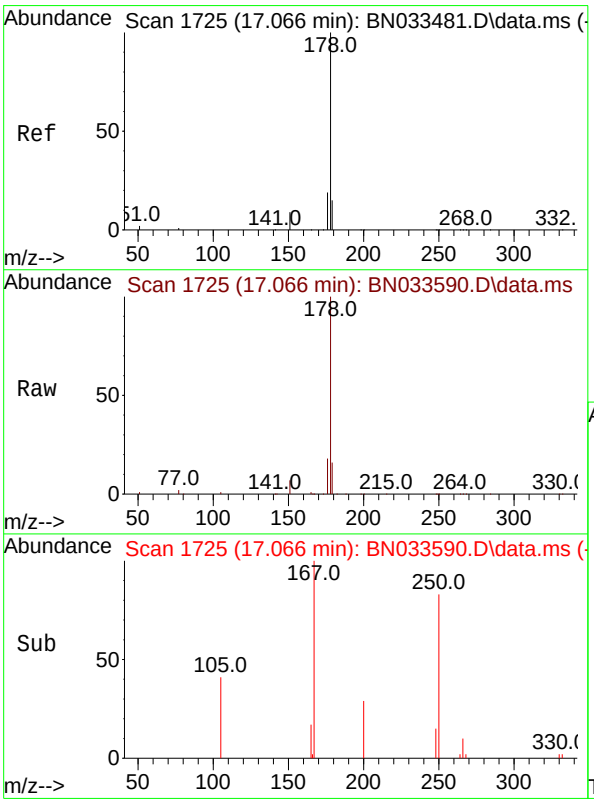
#25
Phenanthrene
Concen: 8.601 ng
RT: 16.967 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:178 Resp: 408709

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.3	18.5

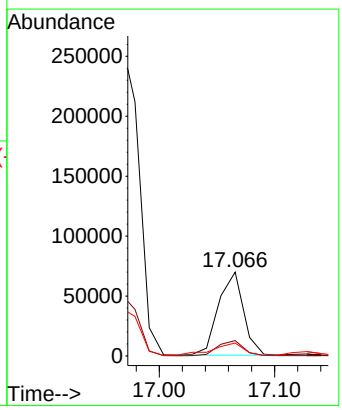


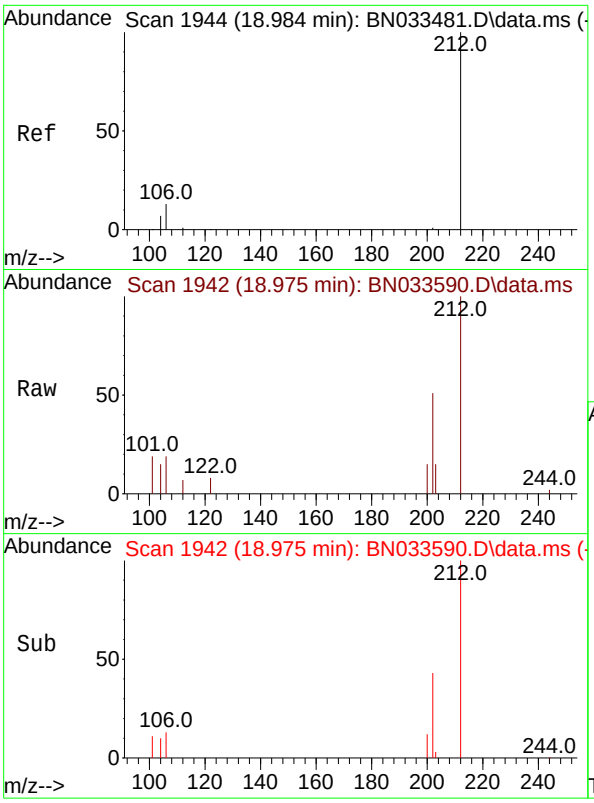


#26
Anthracene
Concen: 2.504 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:178 Resp: 105267

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





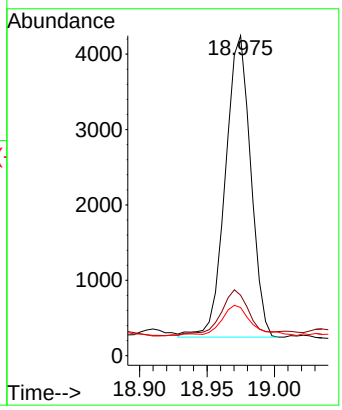
#27
Fluoranthene-d10
Concen: 0.128 ng
RT: 18.975 min Scan# 1

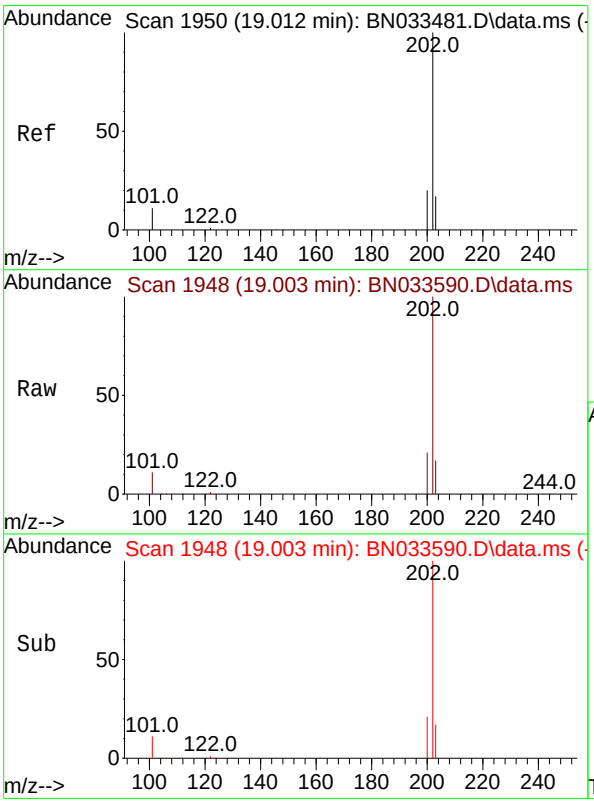
Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Delta R.T. 0.005 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:212 Resp: 5244

Ion	Ratio	Lower	Upper
212	100		
106	16.8	12.3	18.5
104	12.4	7.0	10.4#

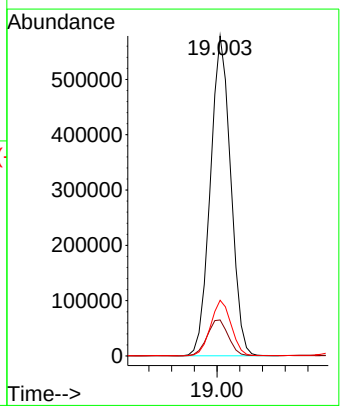


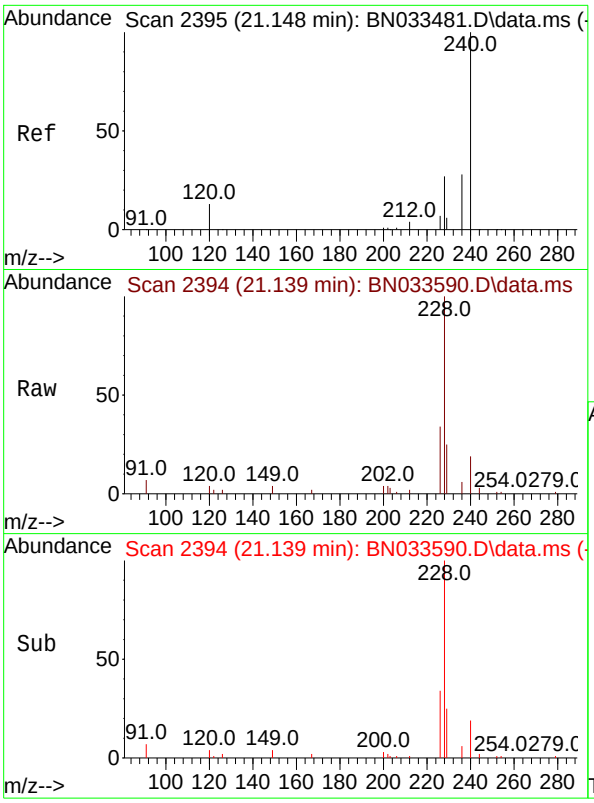


#28
Fluoranthene
Concen: 13.722 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:202 Resp: 720582

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.5	14.3
203	17.4	13.8	20.6



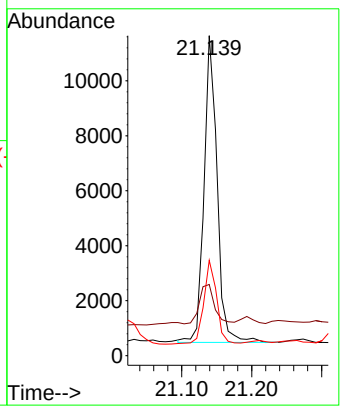


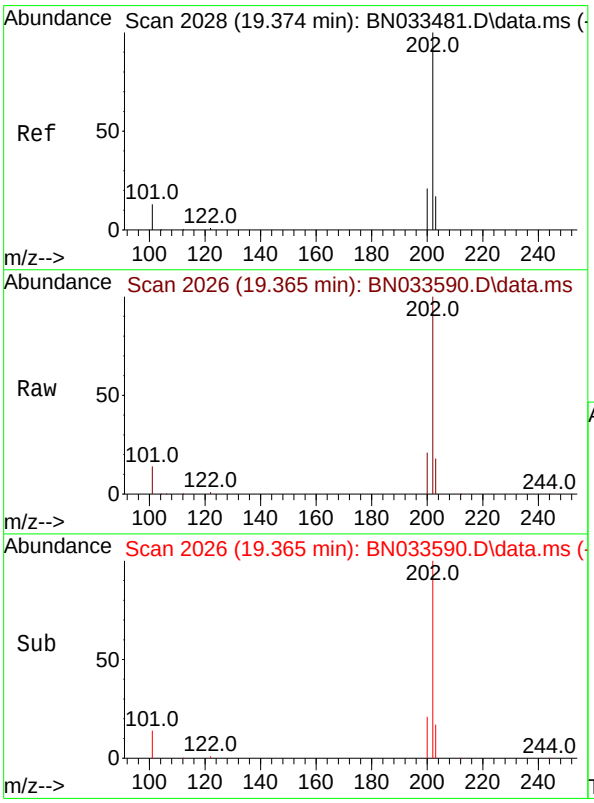
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:240 Resp: 14445

Ion	Ratio	Lower	Upper
240	100		
120	22.2	12.4	18.6#
236	29.8	23.0	34.6

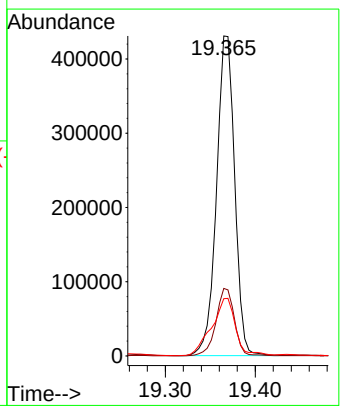


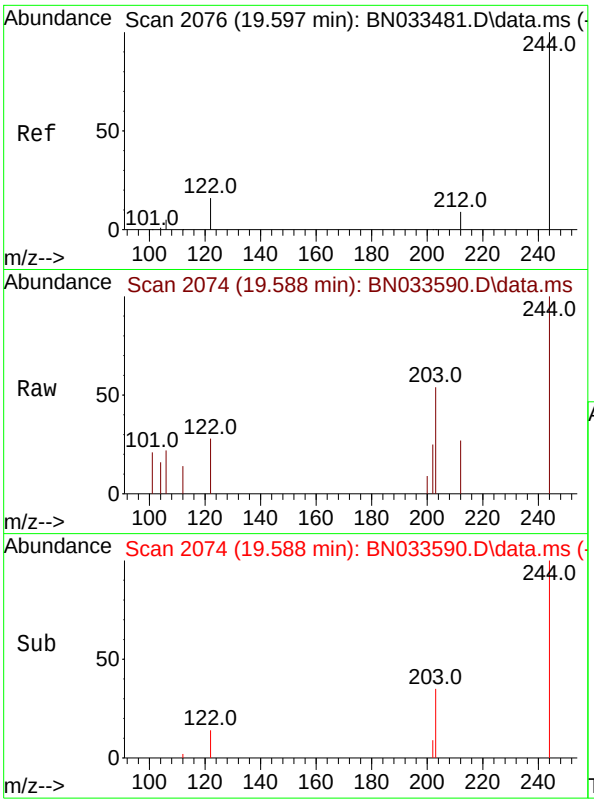


#30
Pyrene
Concen: 9.372 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:202 Resp: 604209

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	23.4	14.2	21.4#



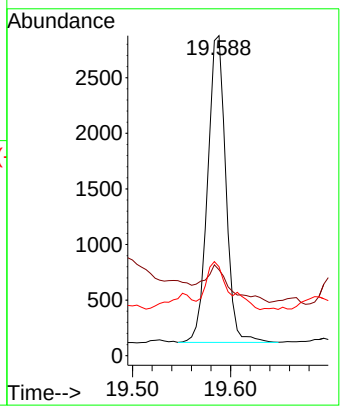


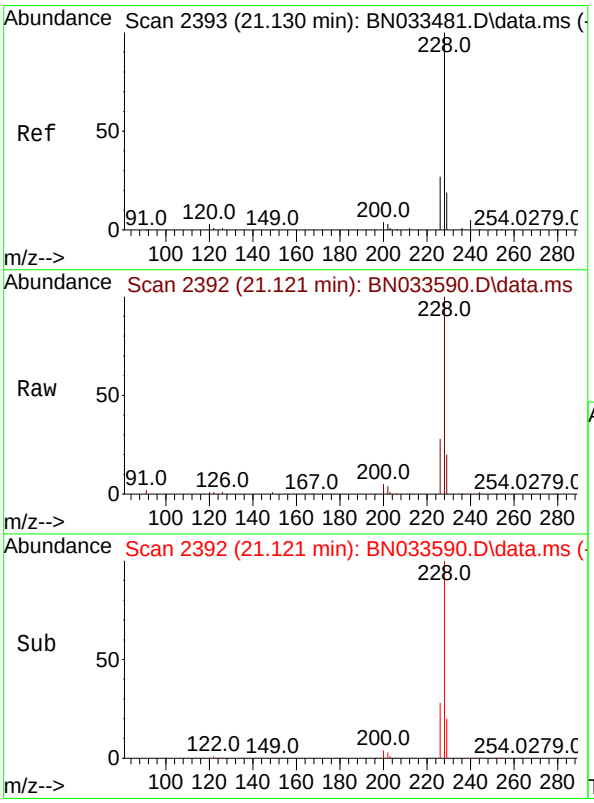
#31
Terphenyl-d14
Concen: 0.108 ng
RT: 19.588 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:244 Resp: 3536

Ion	Ratio	Lower	Upper
244	100		
212	26.9	7.8	11.6#
122	27.8	13.3	19.9#

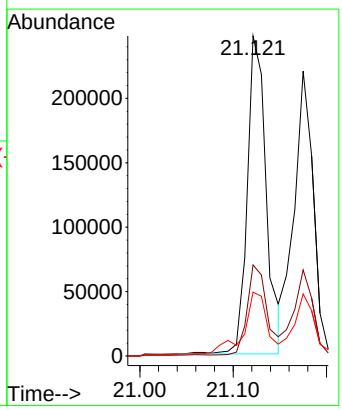


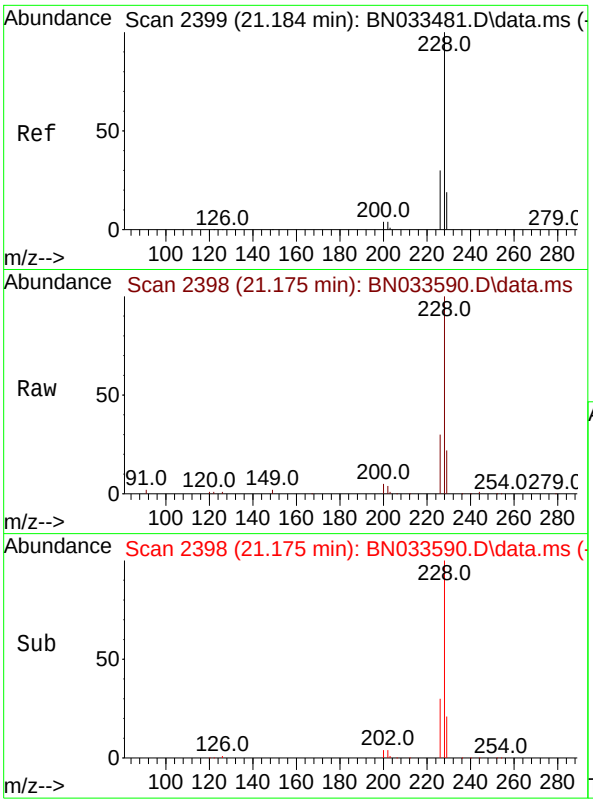


#32
Benzo(a)anthracene
Concen: 6.695 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:228 Resp: 349643

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.6
229	20.0	15.8	23.6



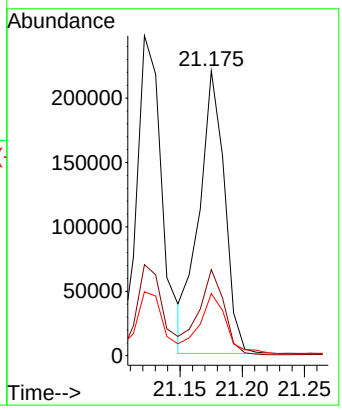


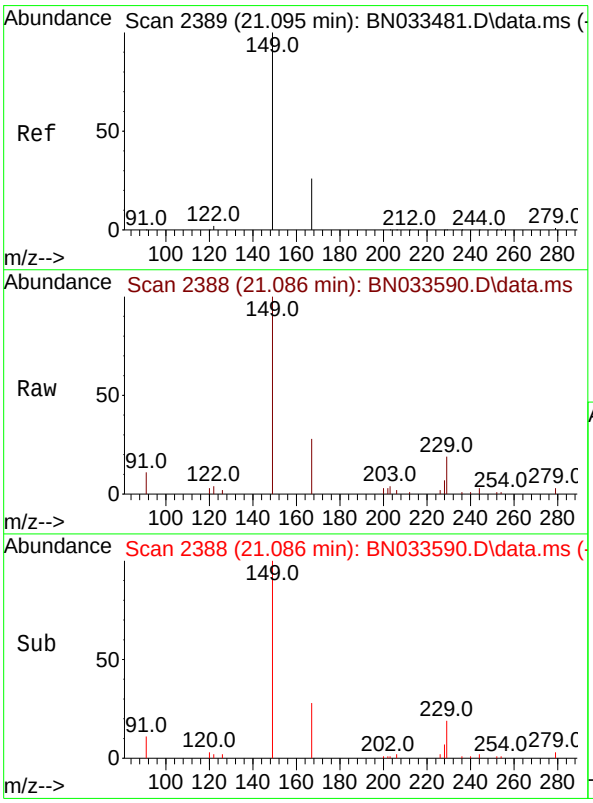
#33
Chrysene
Concen: 6.023 ng
RT: 21.175 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:228 Resp: 312652

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	21.8	15.6	23.4

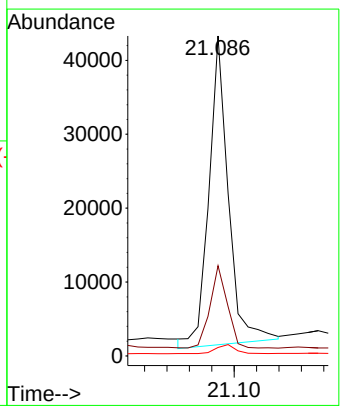


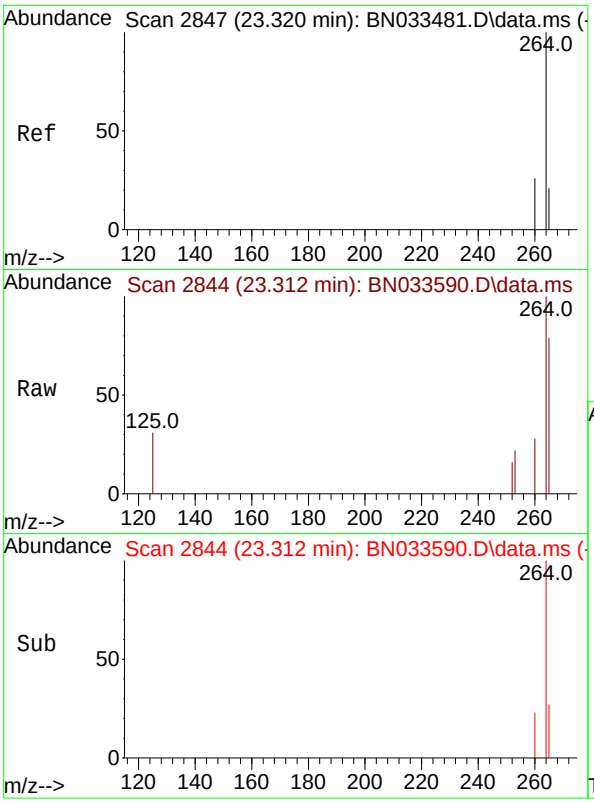


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.528 ng
RT: 21.086 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:149 Resp: 50511

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.5	32.3
279	3.3	2.2	3.2#



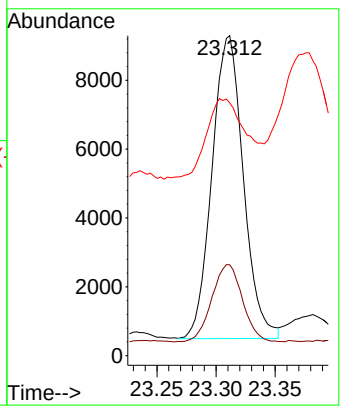


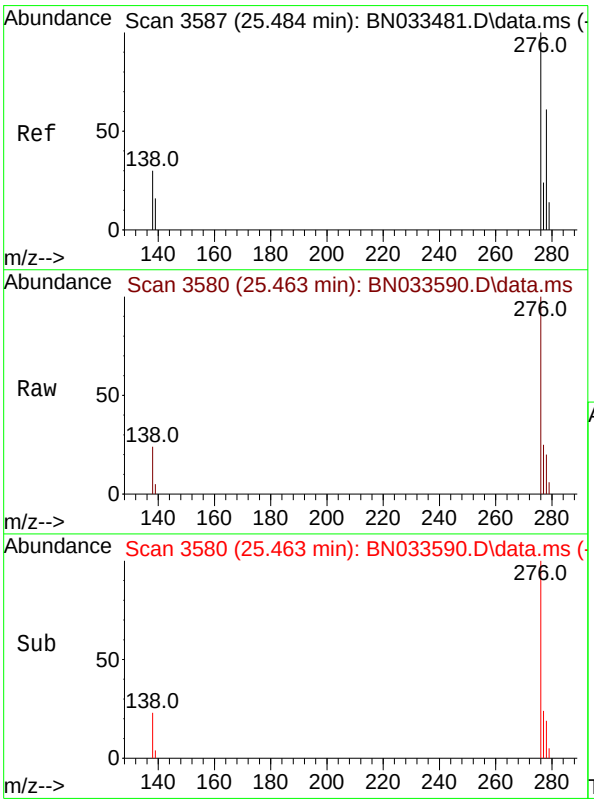
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.312 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:264 Resp: 16231

Ion	Ratio	Lower	Upper
264	100		
260	28.4	20.8	31.2
265	79.0	52.2	78.2#

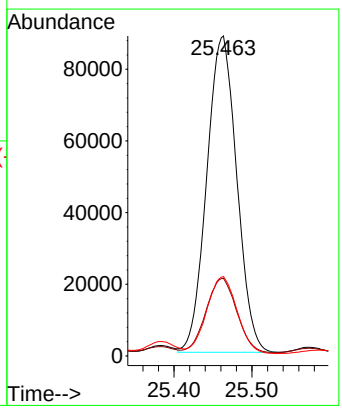


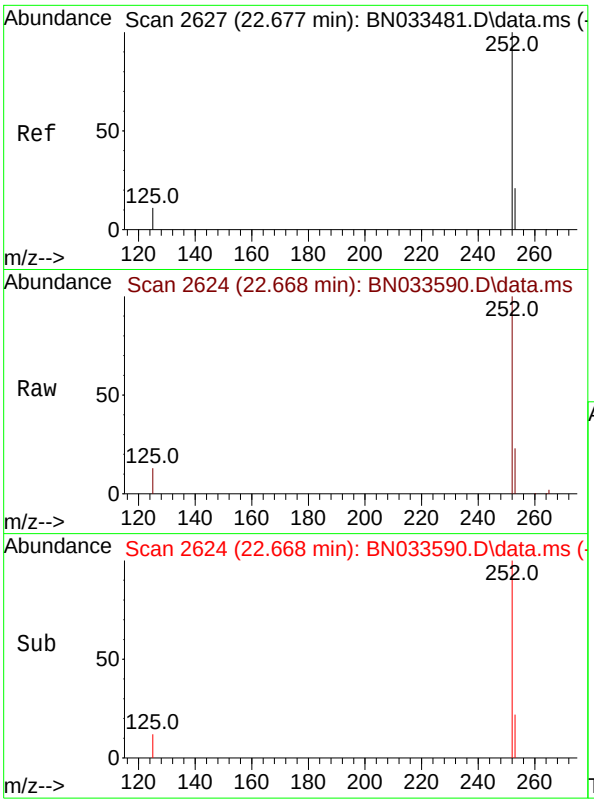


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.509 ng
RT: 25.463 min Scan# 3580
Delta R.T. 0.014 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:276 Resp: 236474

Ion	Ratio	Lower	Upper
276	100		
138	23.9	24.4	36.6#
277	24.5	19.8	29.6



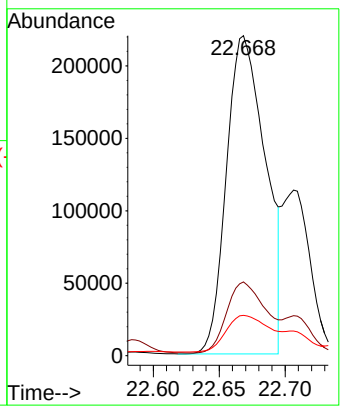


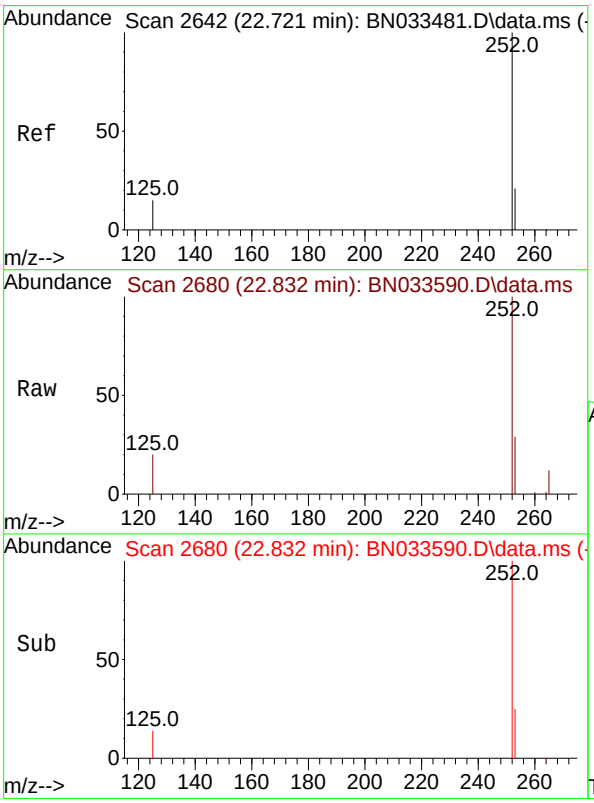
#37
Benzo(b)fluoranthene
Concen: 7.451 ng
RT: 22.668 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:252 Resp: 451626

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.8	29.8
125	12.6	13.9	20.9#

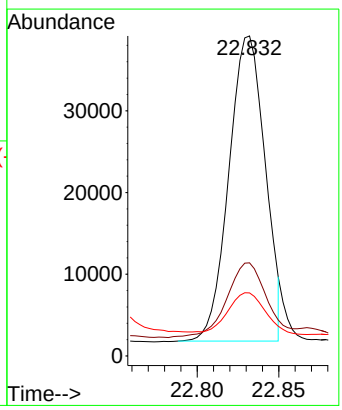


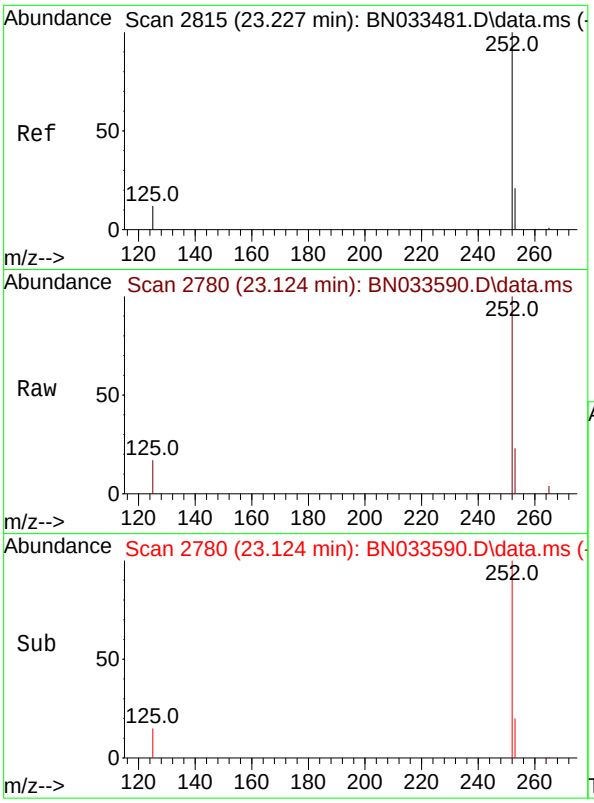


#38
Benzo(k)fluoranthene
Concen: 0.963 ng
RT: 22.832 min Scan# 2680
Delta R.T. 0.128 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:252 Resp: 57429

Ion	Ratio	Lower	Upper
252	100		
253	29.1	19.8	29.8
125	19.7	15.8	23.8



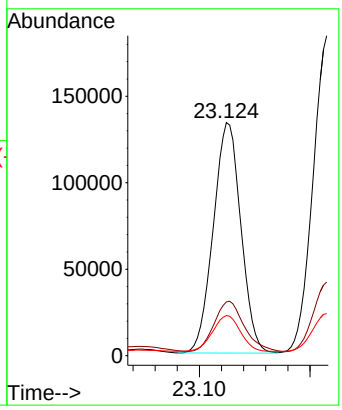


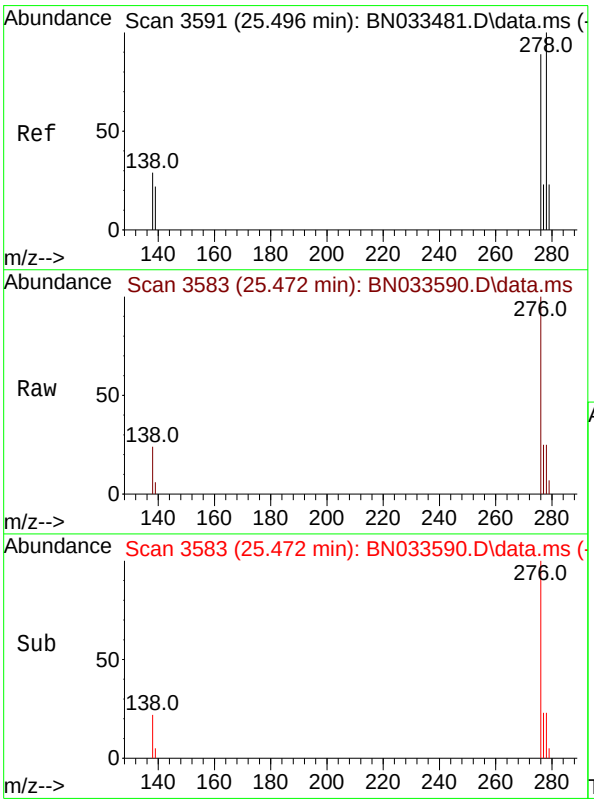
#39
Benzo(a)pyrene
Concen: 4.601 ng
RT: 23.124 min Scan# 2
Delta R.T. -0.085 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:252 Resp: 230739

Ion	Ratio	Lower	Upper
252	100		
253	23.0	21.5	32.3
125	17.2	17.0	25.4

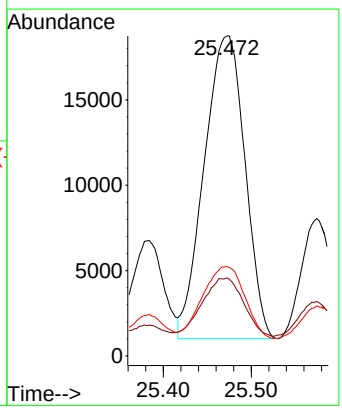


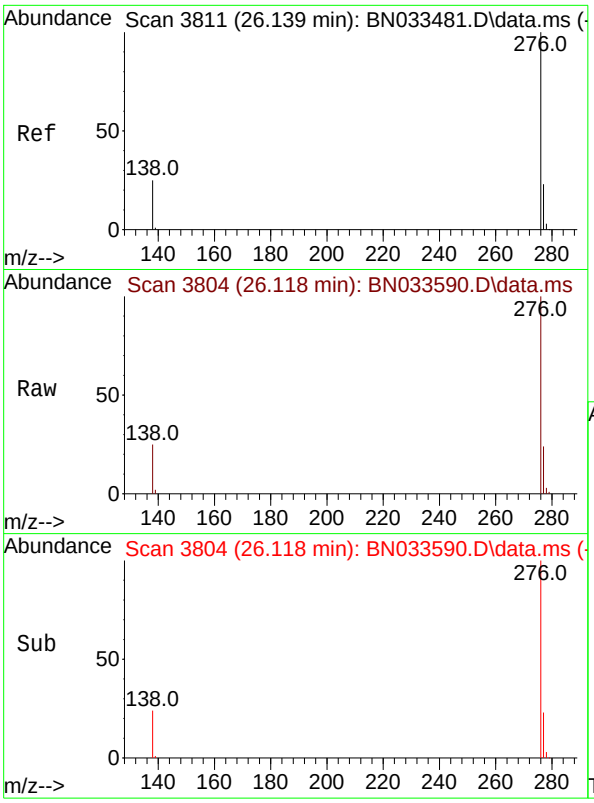


#40
Dibenzo(a,h)anthracene
Concen: 1.061 ng
RT: 25.472 min Scan# 3583
Delta R.T. 0.003 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Tgt Ion:278 Resp: 57144

Ion	Ratio	Lower	Upper
278	100		
139	24.4	19.1	28.7
279	28.0	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 4.055 ng
RT: 26.118 min Scan# 3
Delta R.T. 0.014 min
Lab File: BN033590.D
Acq: 23 Aug 2024 15:23

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:276 Resp: 233672

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	24.7	21.8	32.6