Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033705.D
Acq On : 30 Aug 2024 13:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 30 14:22:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

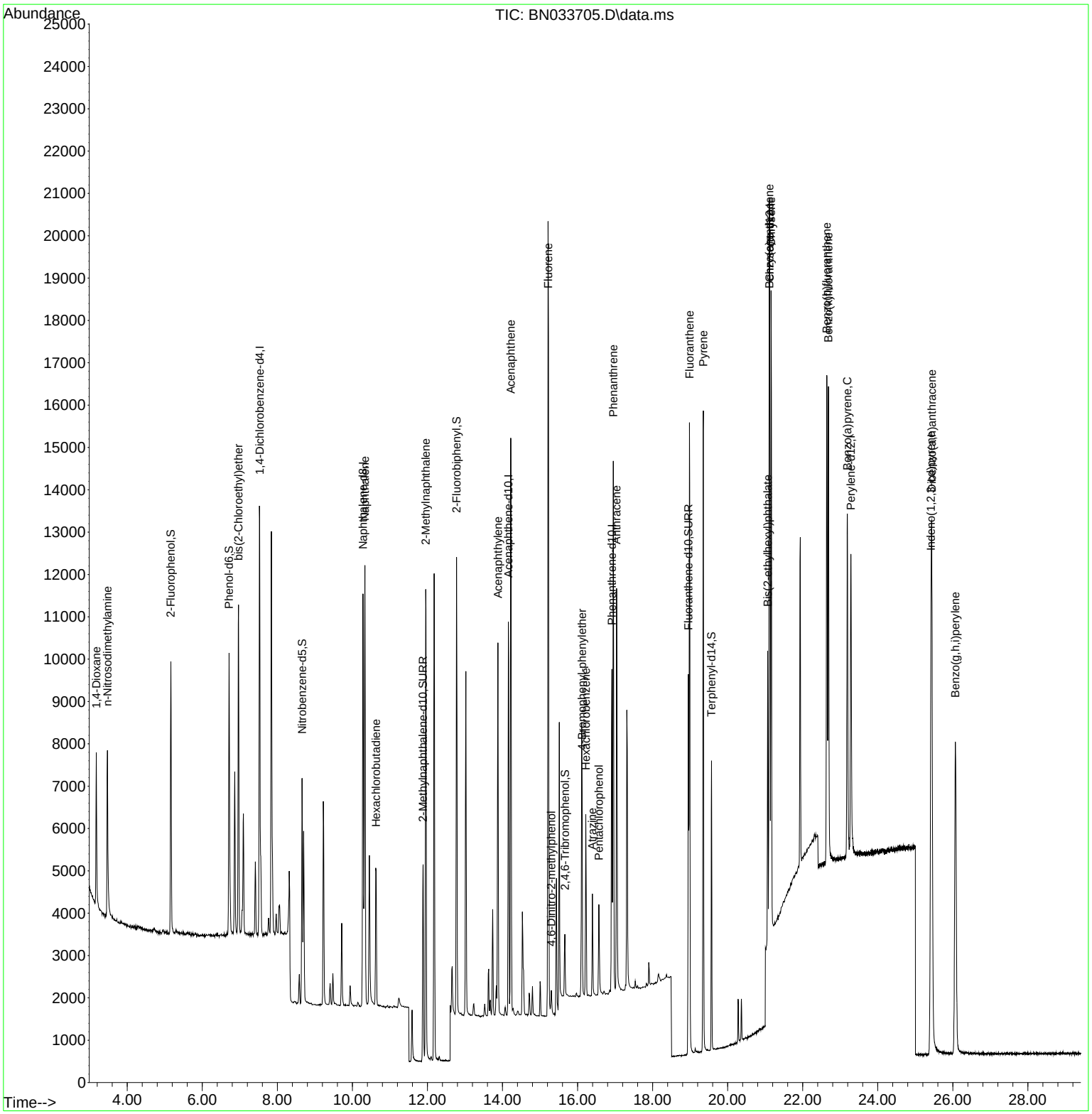
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.530	152	4908	0.400	ng		0.00
7) Naphthalene-d8	10.282	136	12501	0.400	ng		#-0.01
13) Acenaphthene-d10	14.156	164	5625	0.400	ng		-0.01
19) Phenanthrene-d10	16.917	188	10981	0.400	ng		0.00
29) Chrysene-d12	21.121	240	8430	0.400	ng		0.00
35) Perylene-d12	23.285	264	9100	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.161	112	4873	0.330	ng		0.00
5) Phenol-d6	6.714	99	5669	0.325	ng		0.00
8) Nitrobenzene-d5	8.659	82	3973	0.382	ng		0.00
11) 2-Methylnaphthalene-d10	11.880	152	6424	0.364	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	859	0.318	ng		0.00
15) 2-Fluorobiphenyl	12.777	172	9340	0.394	ng		0.00
27) Fluoranthene-d10	18.956	212	10108	0.373	ng		0.00
31) Terphenyl-d14	19.569	244	6296	0.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	2336	0.410	ng		97
3) n-Nitrosodimethylamine	3.471	42	2643	0.395	ng	#	98
6) bis(2-Chloroethyl)ether	6.967	93	5333	0.401	ng		99
9) Naphthalene	10.335	128	13142	0.393	ng		100
10) Hexachlorobutadiene	10.634	225	2783	0.401	ng	#	99
12) 2-Methylnaphthalene	11.956	142	7879	0.382	ng		99
16) Acenaphthylene	13.878	152	9265	0.381	ng		100
17) Acenaphthene	14.220	154	6563	0.387	ng		99
18) Fluorene	15.215	166	8199	0.391	ng		100
20) 4,6-Dinitro-2-methylph...	15.300	198	414	0.248	ng	#	79
21) 4-Bromophenyl-phenylether	16.122	248	2486	0.391	ng		92
22) Hexachlorobenzene	16.221	284	2949	0.407	ng		99
23) Atrazine	16.395	200	1792	0.354	ng		97
24) Pentachlorophenol	16.569	266	1030	0.314	ng		99
25) Phenanthrene	16.954	178	12130	0.397	ng		100
26) Anthracene	17.041	178	10061	0.380	ng		99
28) Fluoranthene	18.984	202	13414	0.390	ng		99
30) Pyrene	19.351	202	13738	0.403	ng		100
32) Benzo(a)anthracene	21.112	228	12183	0.410	ng		98
33) Chrysene	21.157	228	12451	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.067	149	11125	0.660	ng	#	69
36) Indeno(1,2,3-cd)pyrene	25.419	276	16005	0.410	ng		99
37) Benzo(b)fluoranthene	22.645	252	13793	0.412	ng		99
38) Benzo(k)fluoranthene	22.686	252	13417	0.409	ng		99
39) Benzo(a)pyrene	23.188	252	11260	0.403	ng		98
40) Dibenzo(a,h)anthracene	25.440	278	12791	0.411	ng		100
41) Benzo(g,h,i)perylene	26.068	276	14291	0.424	ng		99

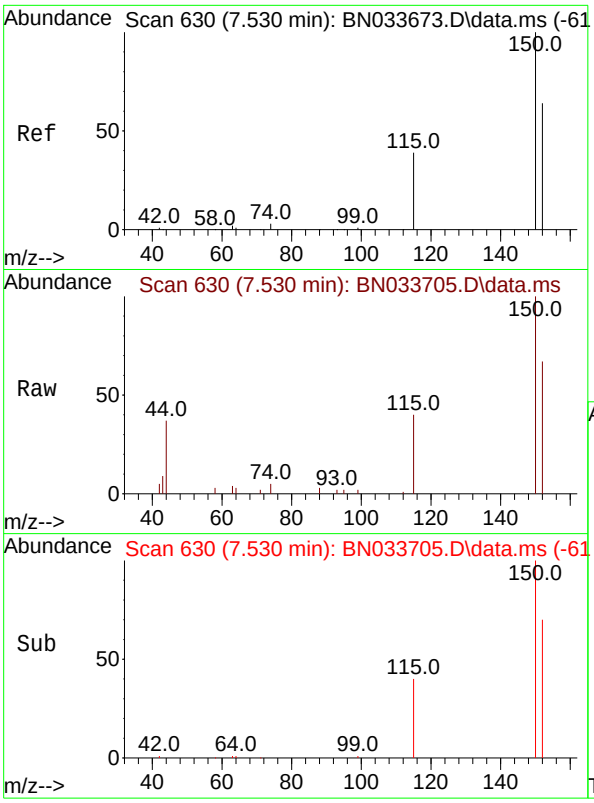
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033705.D
Acq On : 30 Aug 2024 13:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 30 14:22:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration



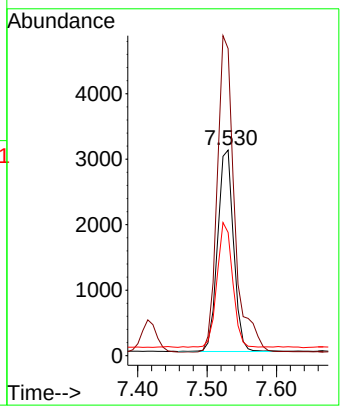


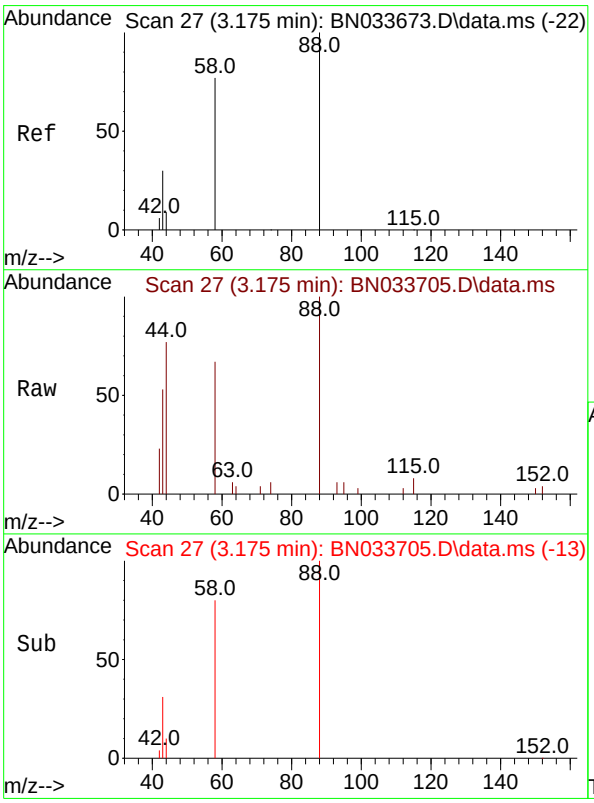
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.530 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4908

Ion	Ratio	Lower	Upper
152	100		
150	149.3	123.4	185.0
115	59.9	51.3	76.9

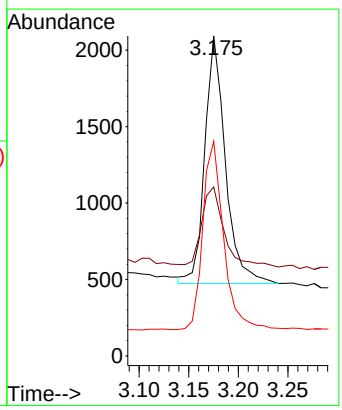


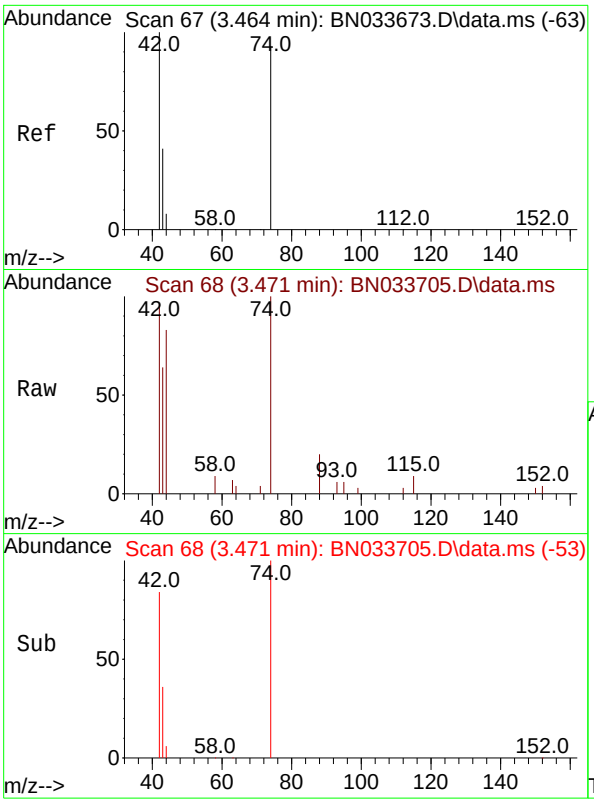


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.175 min Scan# 27
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion: 88 Resp: 2336

Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.8	40.2
58	76.9	63.4	95.0



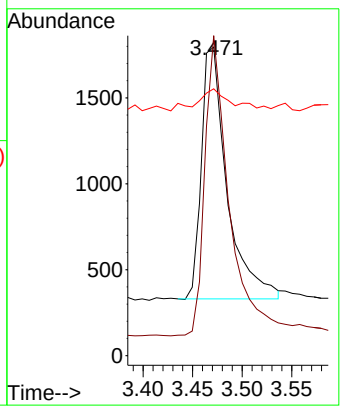


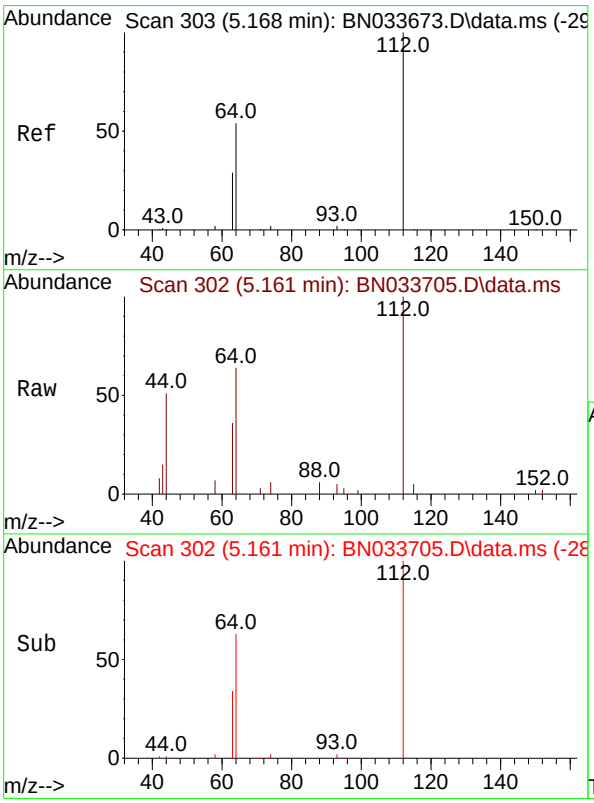
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.471 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2643

Ion	Ratio	Lower	Upper
42	100		
74	112.7	91.8	137.6
44	11.7	6.2	9.4#

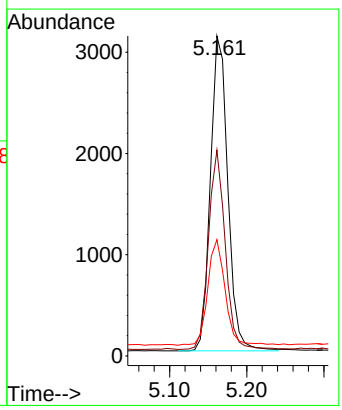


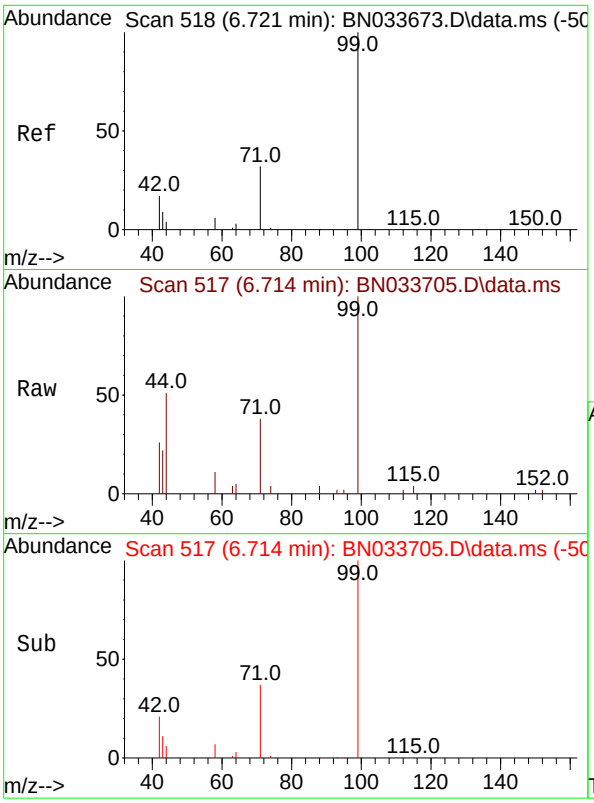


#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.161 min Scan# 302
Delta R.T. -0.007 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:112 Resp: 4873

Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.6	72.8
63	33.4	26.6	39.8



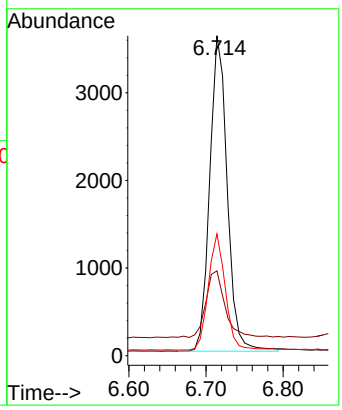


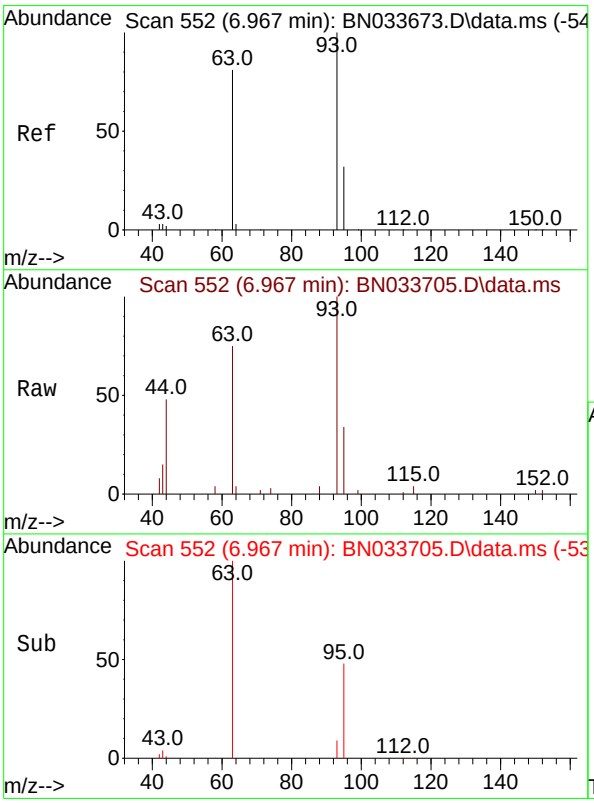
#5
Phenol-d6
Concen: 0.325 ng
RT: 6.714 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5669

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.8	26.8
71	35.9	28.0	42.0

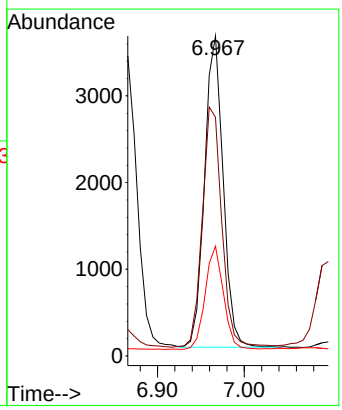


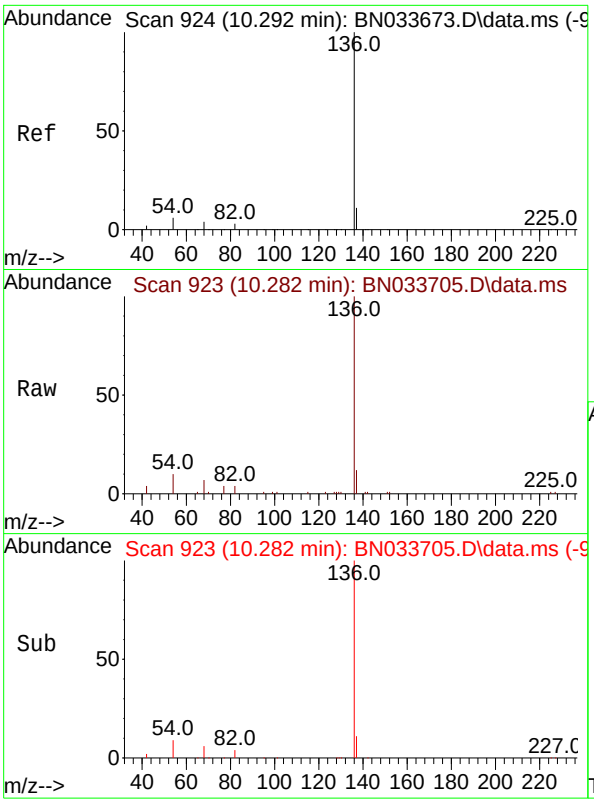


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 6.967 min Scan# 552
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion: 93 Resp: 5333

Ion	Ratio	Lower	Upper
93	100		
63	80.8	63.9	95.9
95	32.6	26.4	39.6



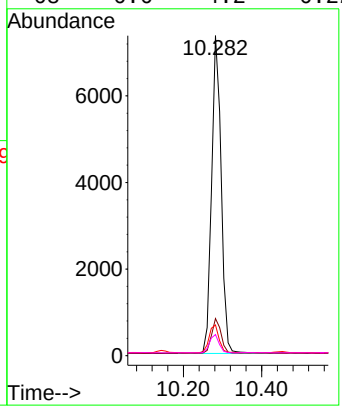


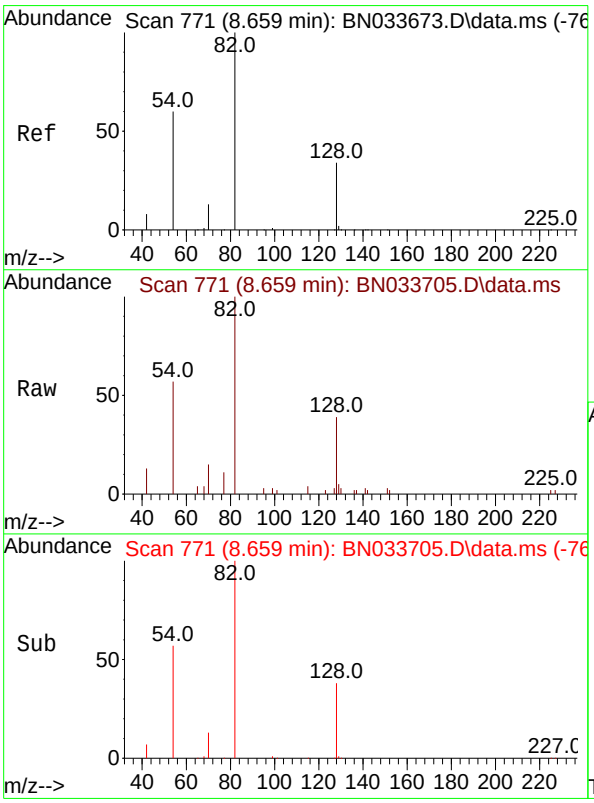
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12501

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.6	5.8	8.6#
68	6.6	4.2	6.2#

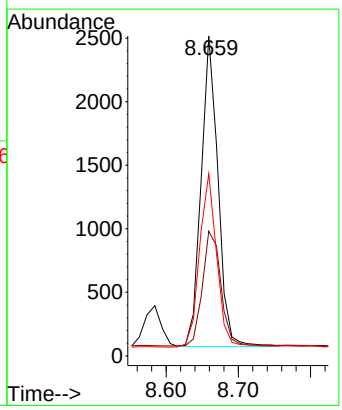


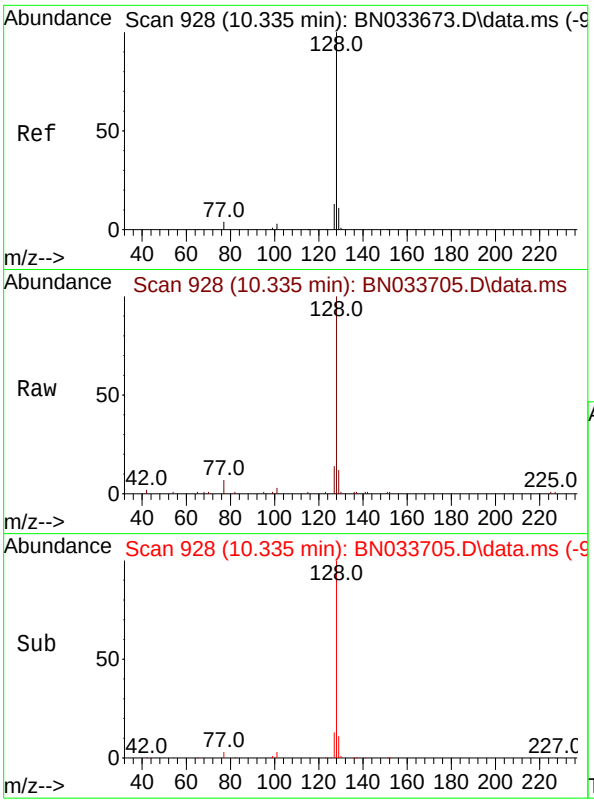


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion: 82 Resp: 3973

Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.3	43.9
54	56.9	49.4	74.0



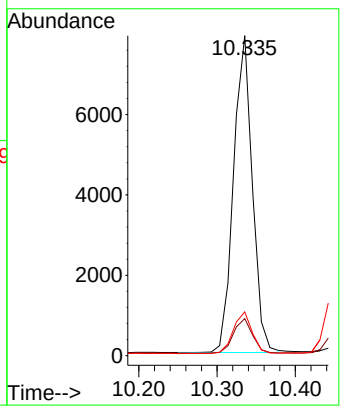


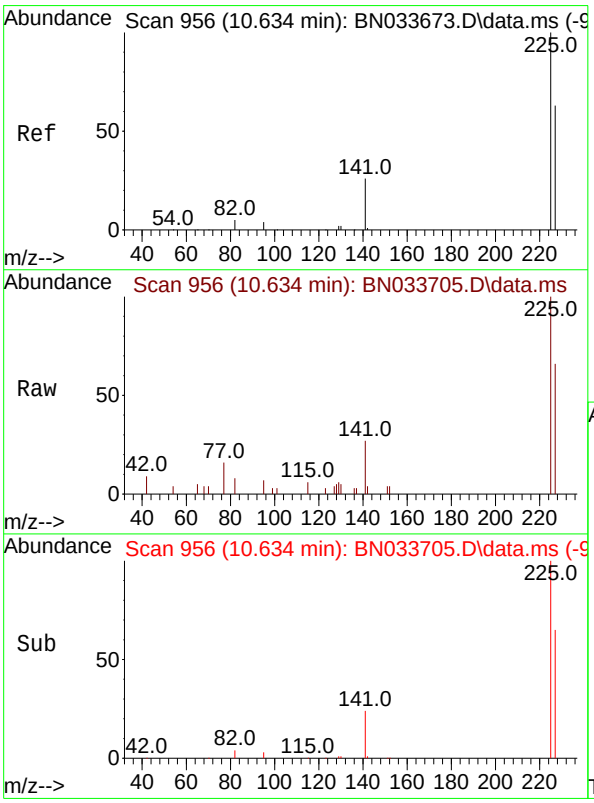
#9
Naphthalene
Concen: 0.393 ng
RT: 10.335 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13142

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.7	11.0	16.4

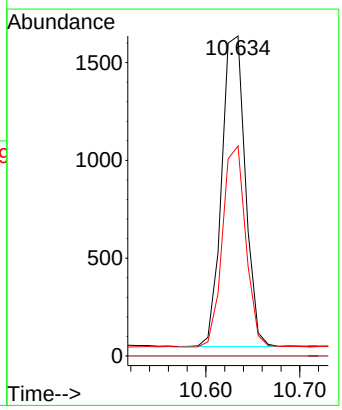


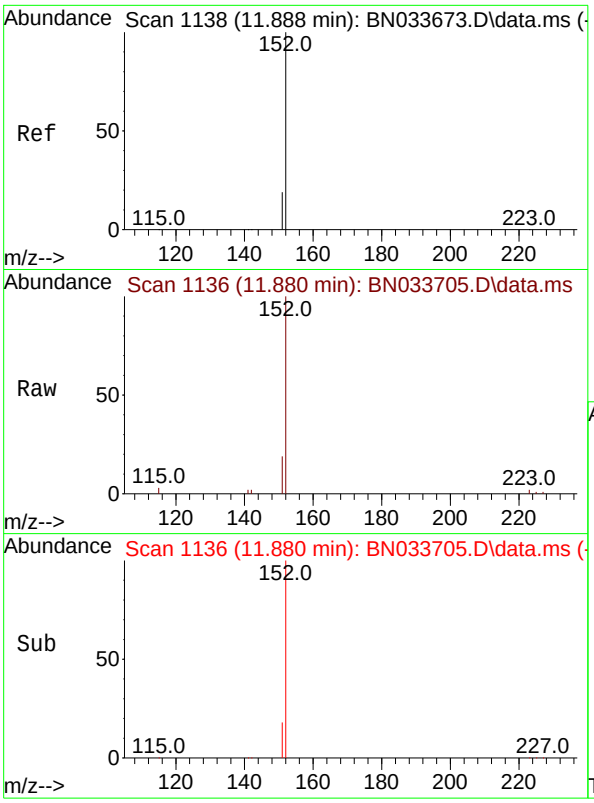


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.634 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:225 Resp: 2783

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.4	77.0



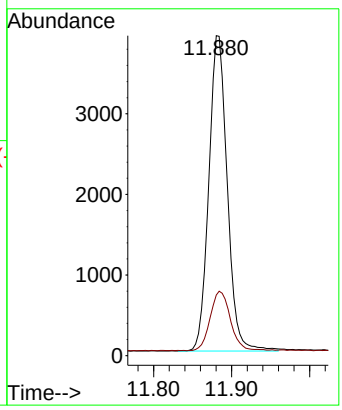


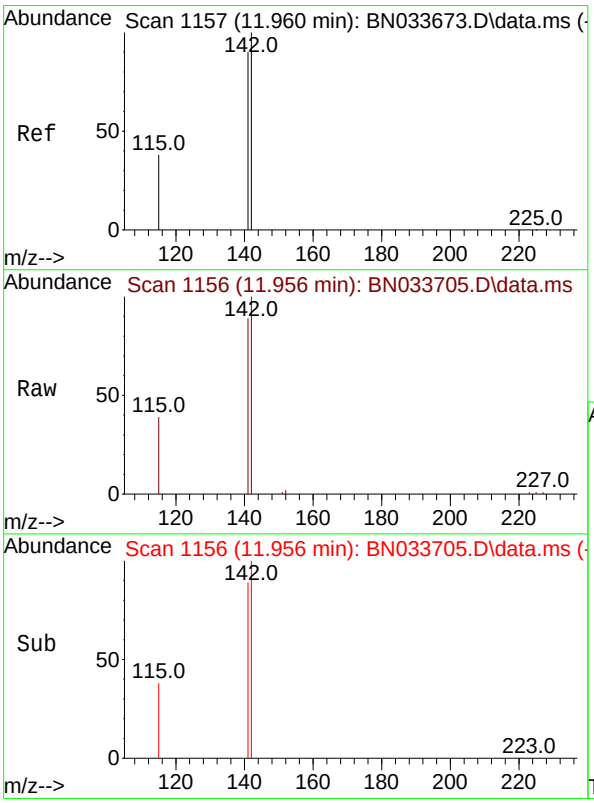
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.880 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6424

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

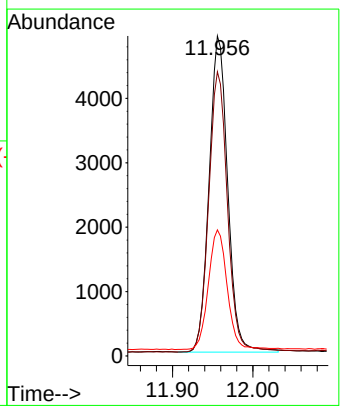


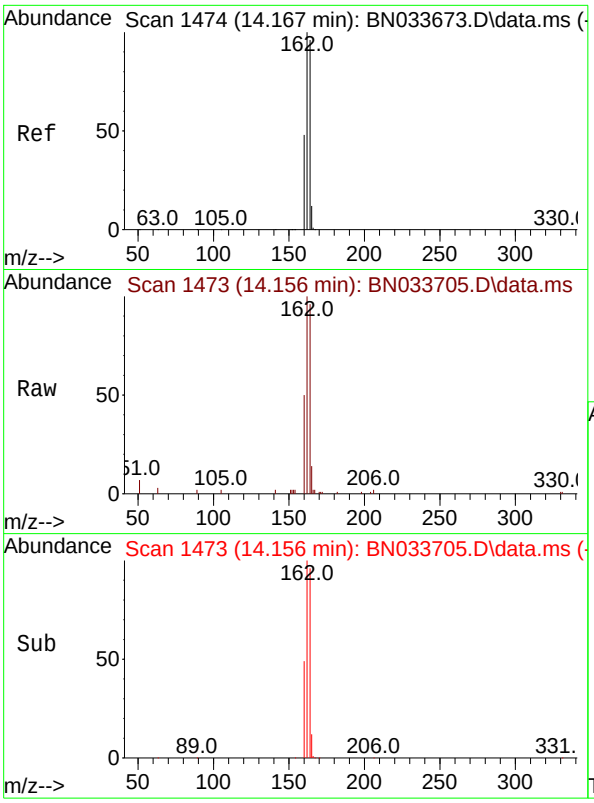


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 11.956 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:142 Resp: 7879

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.8	107.8
115	39.4	31.4	47.0



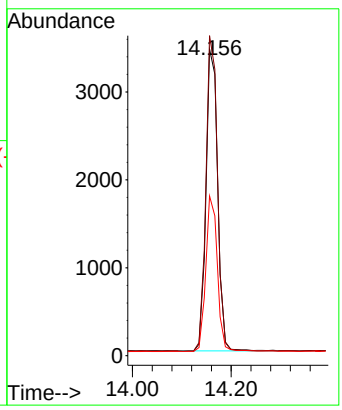


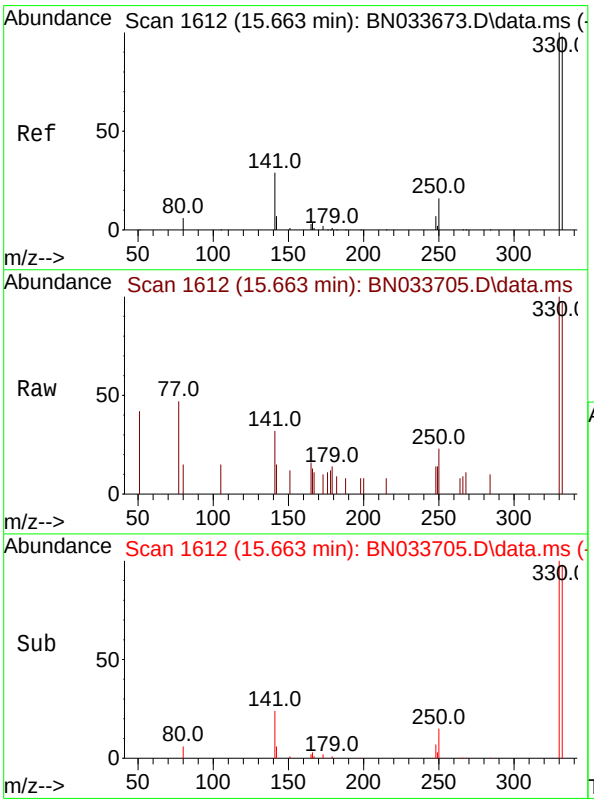
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.156 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5625

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.4	125.2
160	52.1	40.2	60.2

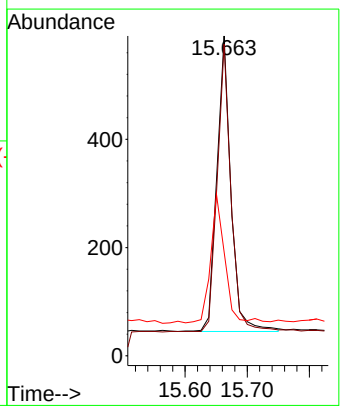


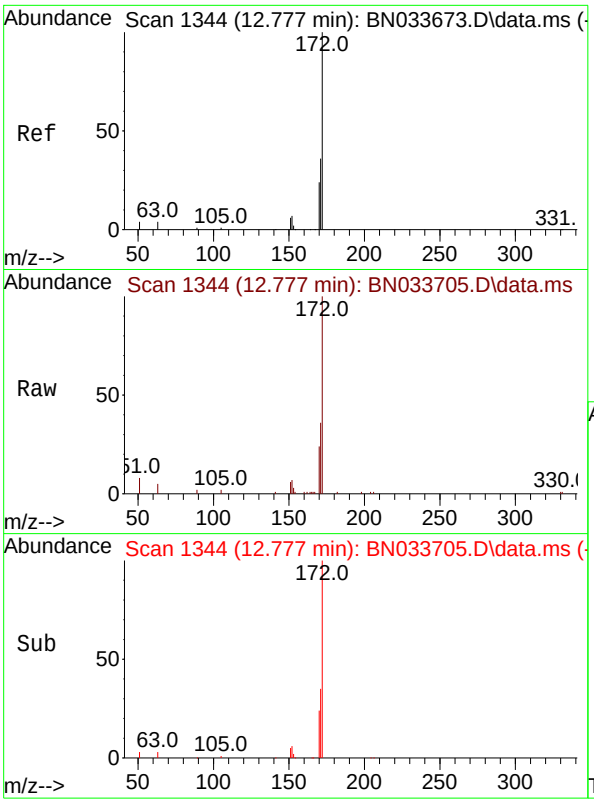


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:330 Resp: 859

Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.6	118.0
141	44.0	35.0	52.6



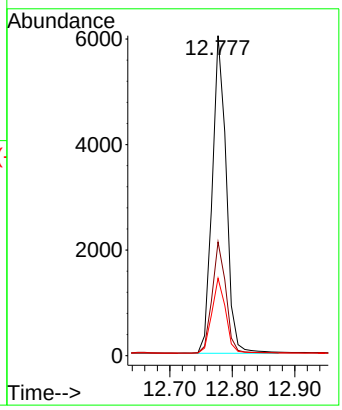


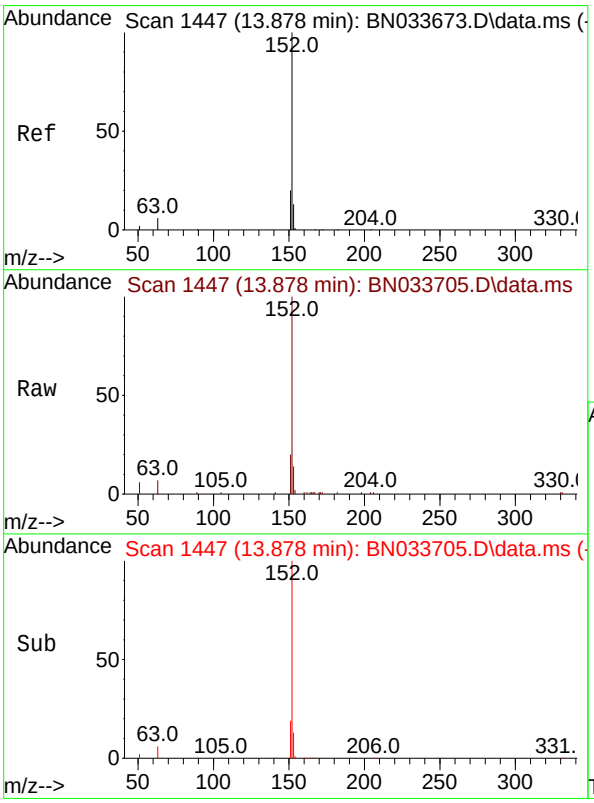
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.777 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9340

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	24.2	19.7	29.5

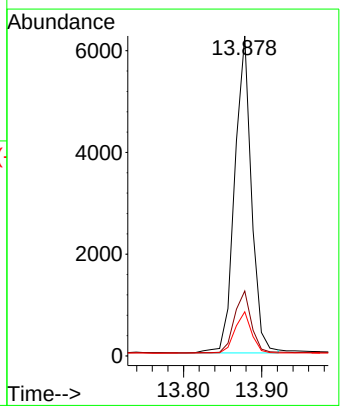


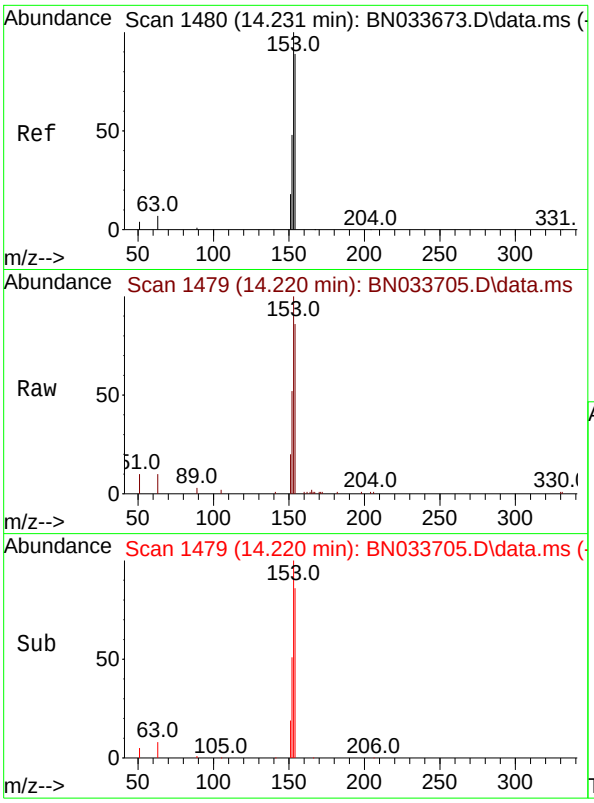


#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.878 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:152 Resp: 9265

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.3	15.5



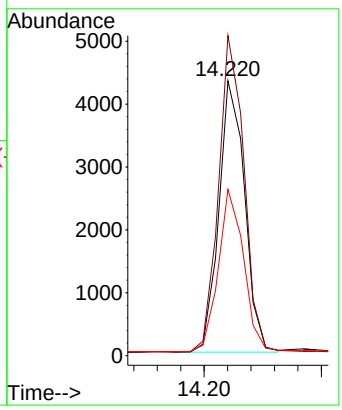


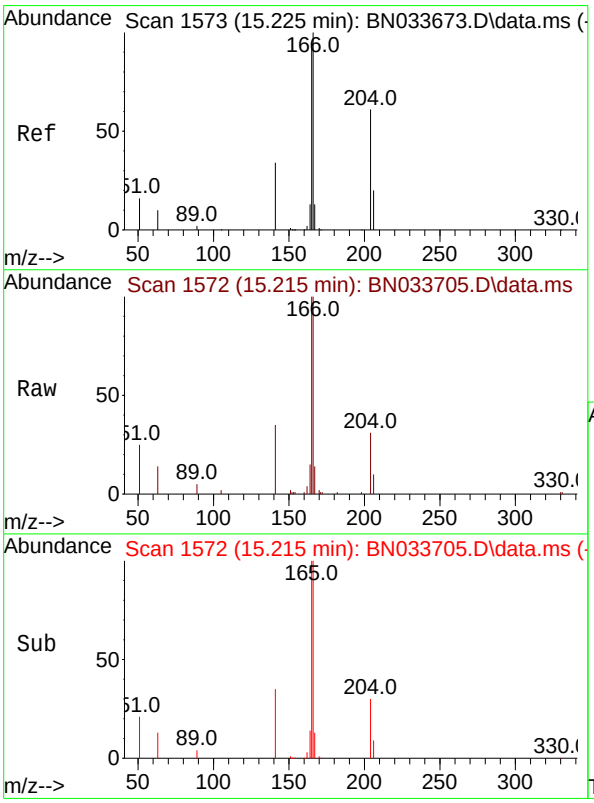
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.220 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6563

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.8	137.8
152	59.0	45.4	68.2

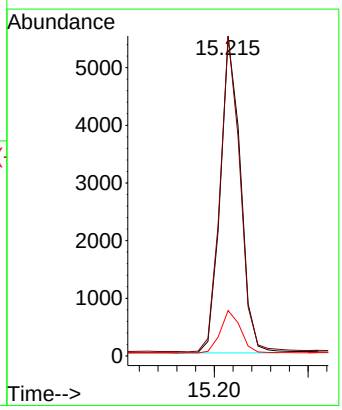


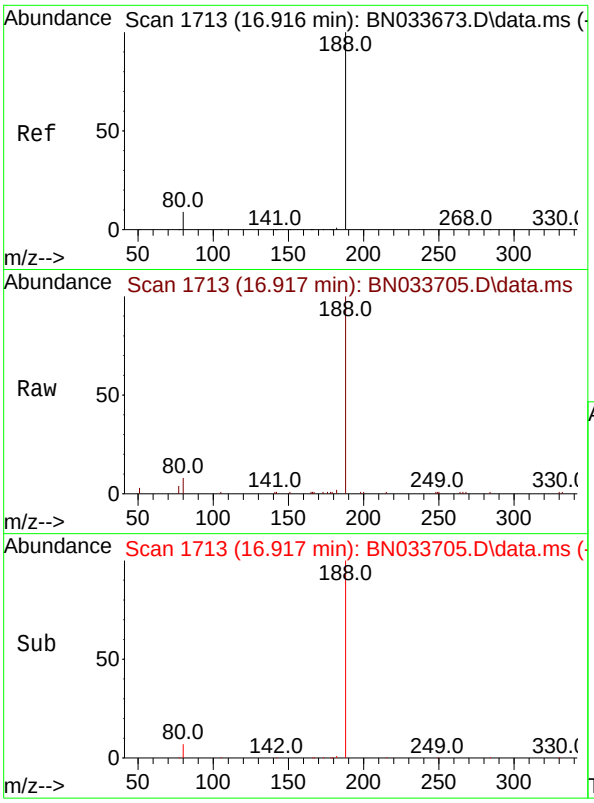


#18
Fluorene
Concen: 0.391 ng
RT: 15.215 min Scan# 1572
Delta R.T. -0.011 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:166 Resp: 8199

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	118.0
167	13.4	10.7	16.1



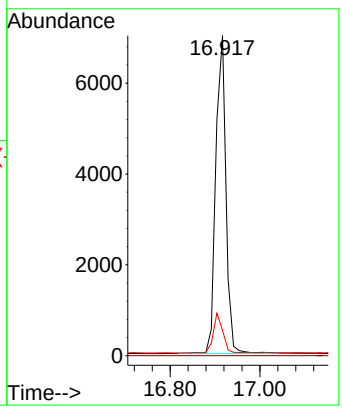


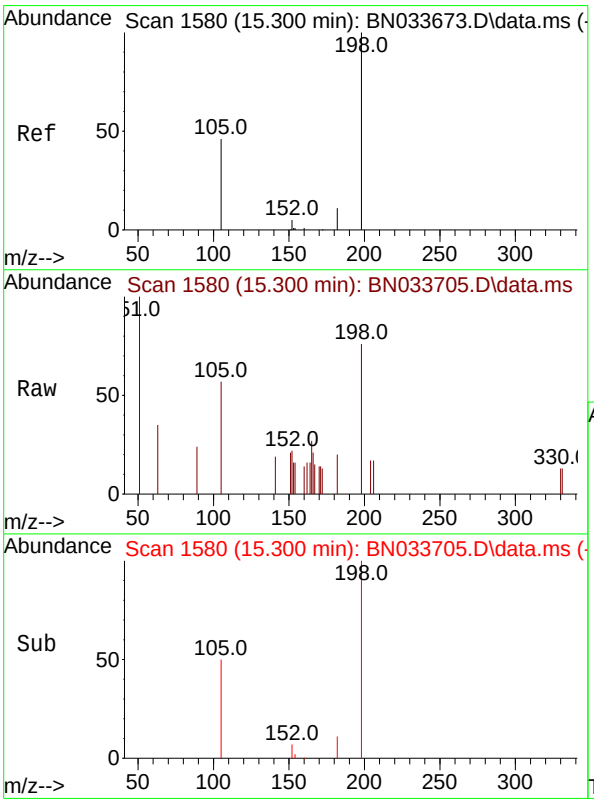
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10981

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.4	11.0

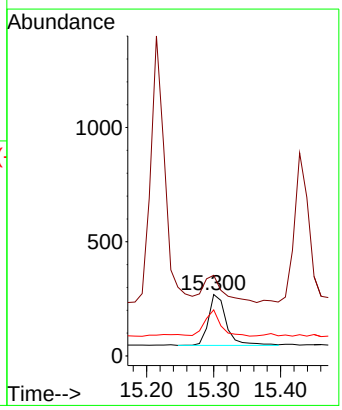


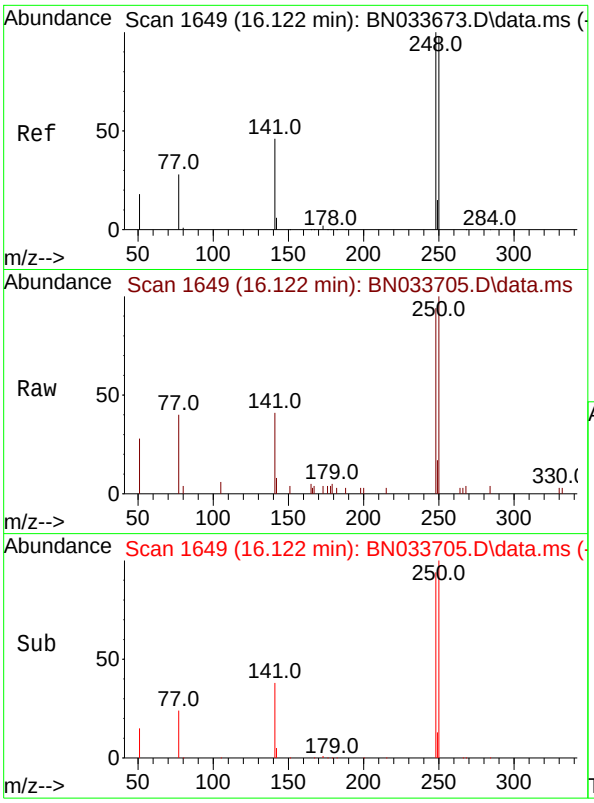


#20
4,6-Dinitro-2-methylphenol
Concen: 0.248 ng
RT: 15.300 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:198 Resp: 414

Ion	Ratio	Lower	Upper
198	100		
51	131.2	82.9	124.3#
105	75.1	53.4	80.0



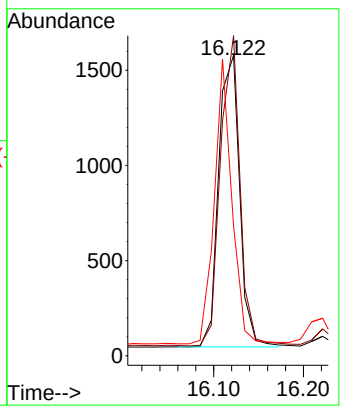


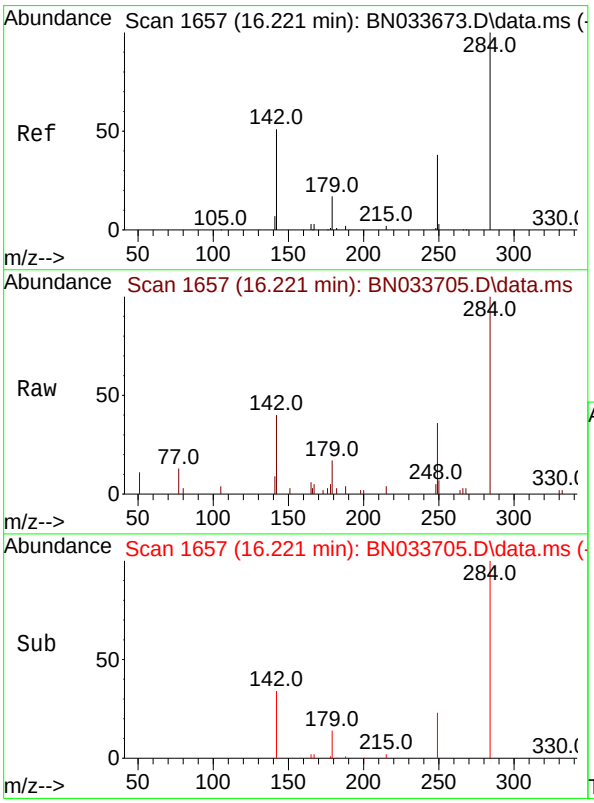
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2486

Ion	Ratio	Lower	Upper
248	100		
250	106.5	79.0	118.4
141	43.3	38.5	57.7

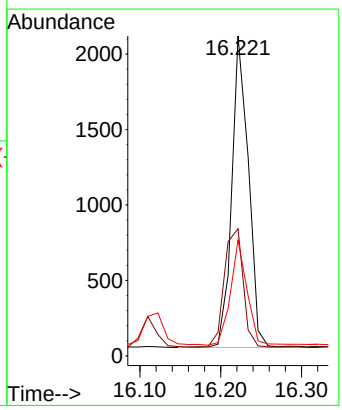


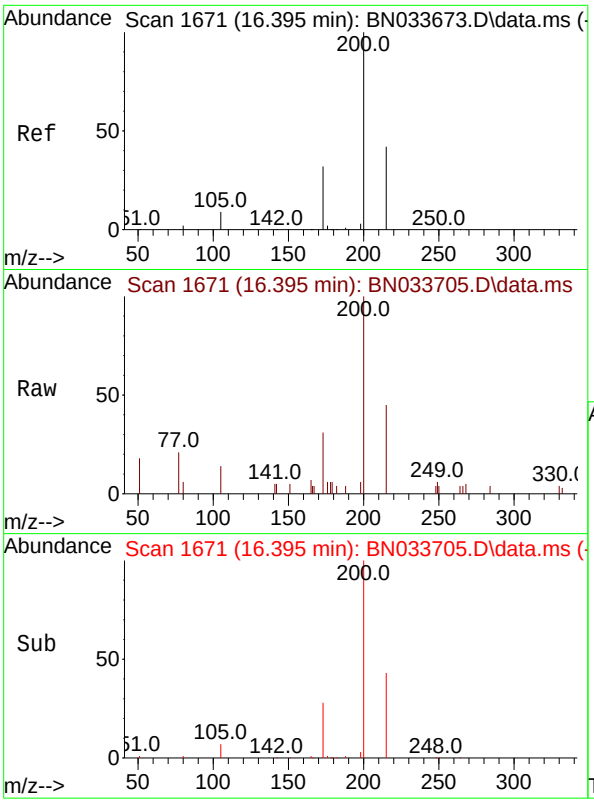


#22
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.221 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:284 Resp: 2949

Ion	Ratio	Lower	Upper
284	100		
142	43.2	34.0	51.0
249	33.5	26.2	39.2



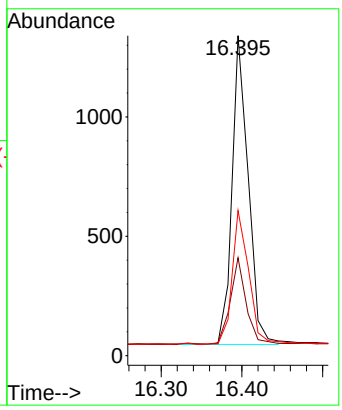


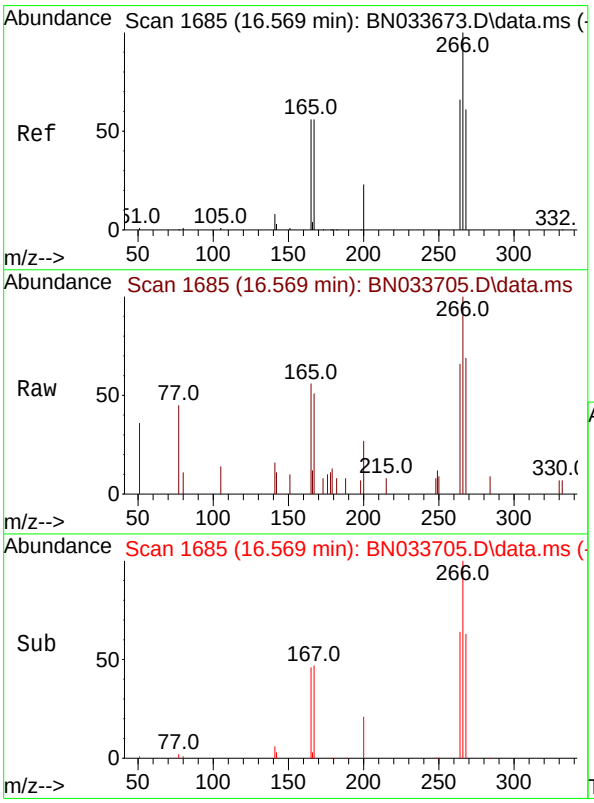
#23
Atrazine
Concen: 0.354 ng
RT: 16.395 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1792

Ion	Ratio	Lower	Upper
200	100		
173	30.6	27.0	40.4
215	45.4	35.5	53.3

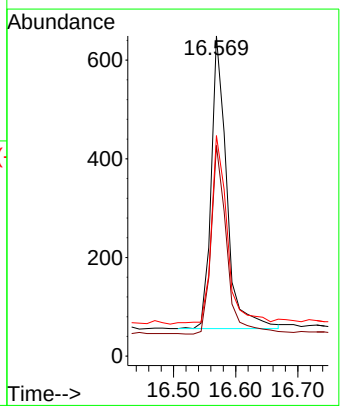


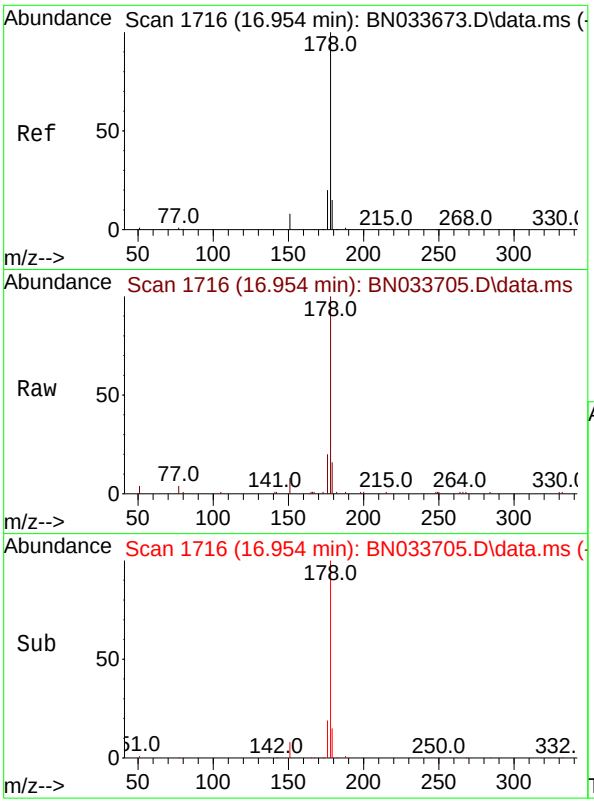


#24
Pentachlorophenol
Concen: 0.314 ng
RT: 16.569 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:266 Resp: 1030

Ion	Ratio	Lower	Upper
266	100		
264	64.2	51.4	77.2
268	66.2	51.9	77.9



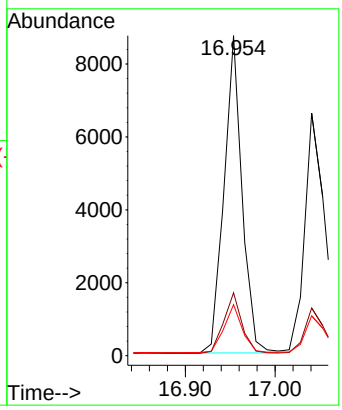


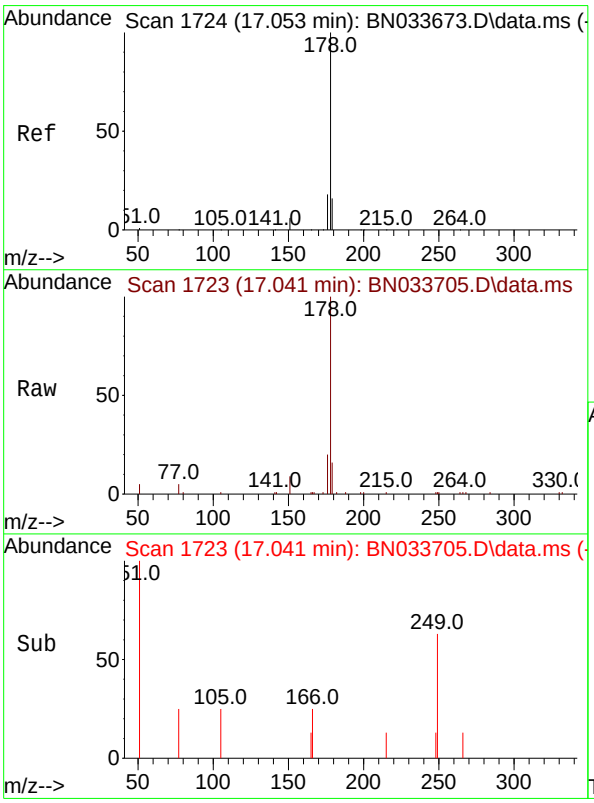
#25
Phenanthrene
Concen: 0.397 ng
RT: 16.954 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12130

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.2	18.2

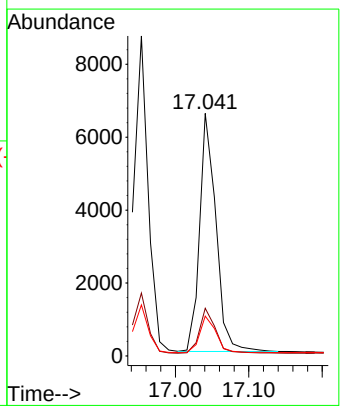


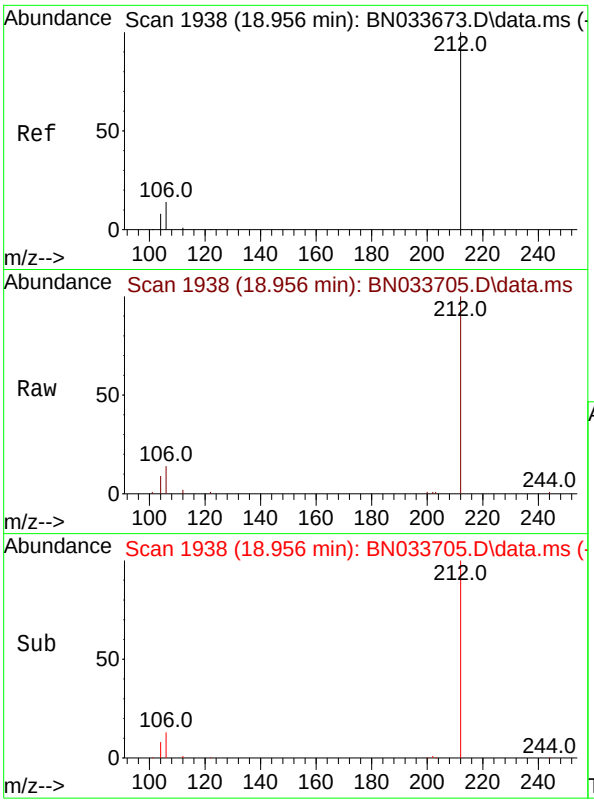


#26
Anthracene
Concen: 0.380 ng
RT: 17.041 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:178 Resp: 10061

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.6	12.2	18.4



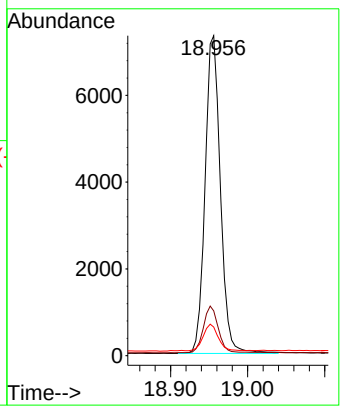


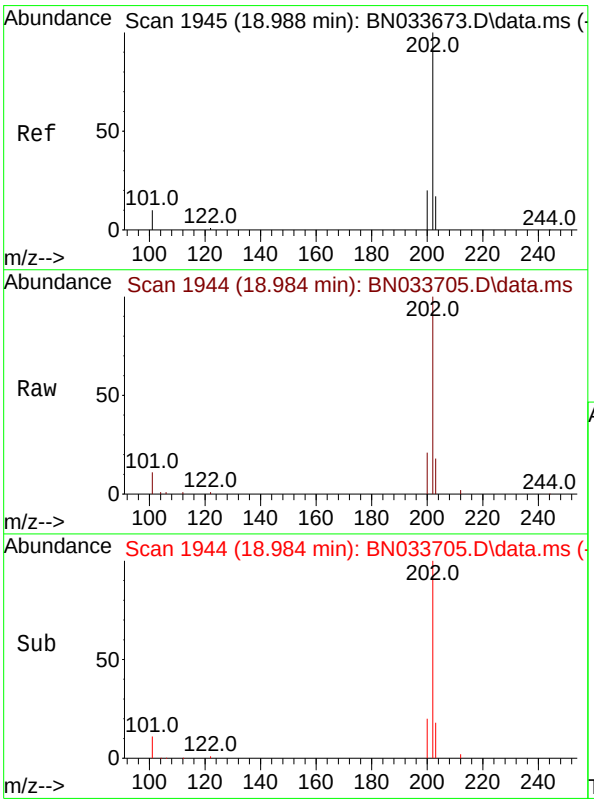
#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 18.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 10108

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.8	17.6
104	8.1	6.9	10.3

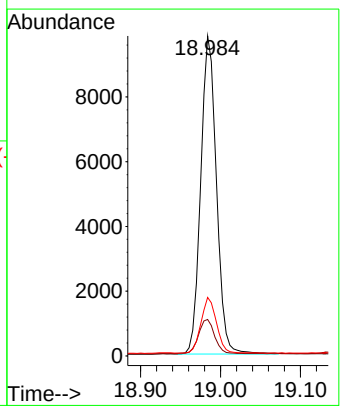


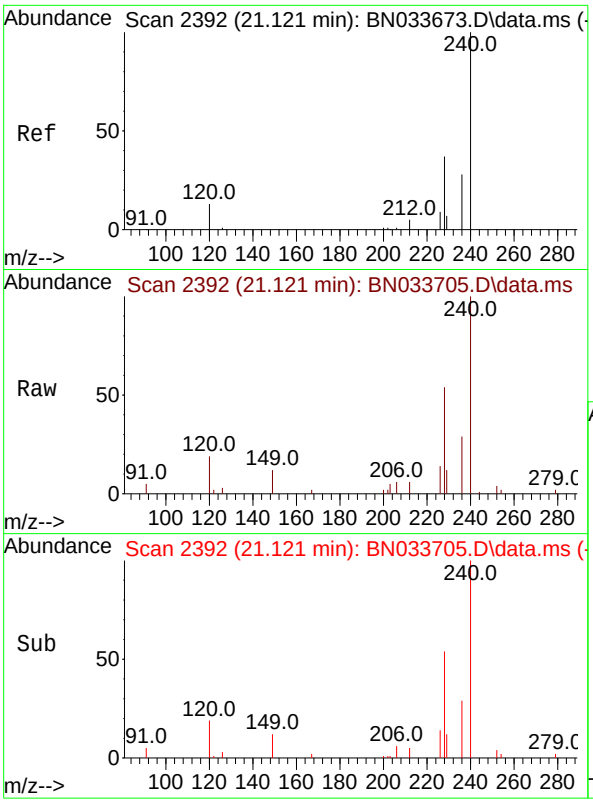


#28
Fluoranthene
Concen: 0.390 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.005 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:202 Resp: 13414

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.2	13.8
203	17.0	13.8	20.8



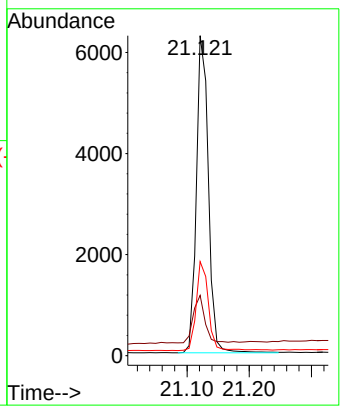


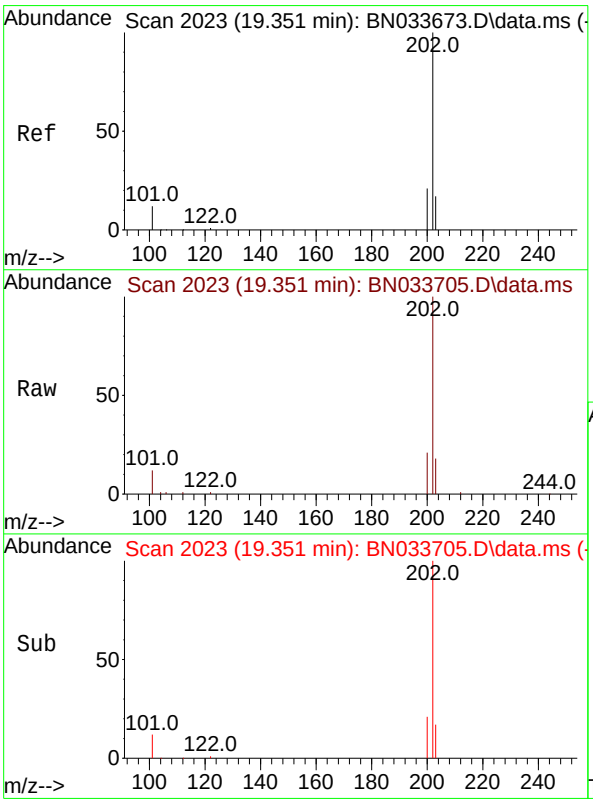
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 8430

Ion	Ratio	Lower	Upper
240	100		
120	18.8	13.3	19.9
236	29.4	23.4	35.2

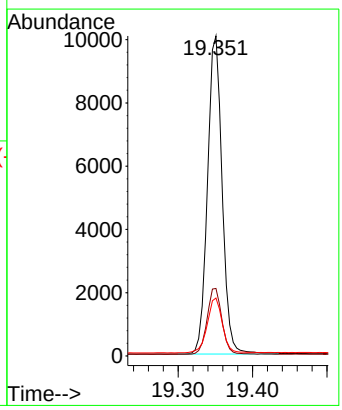


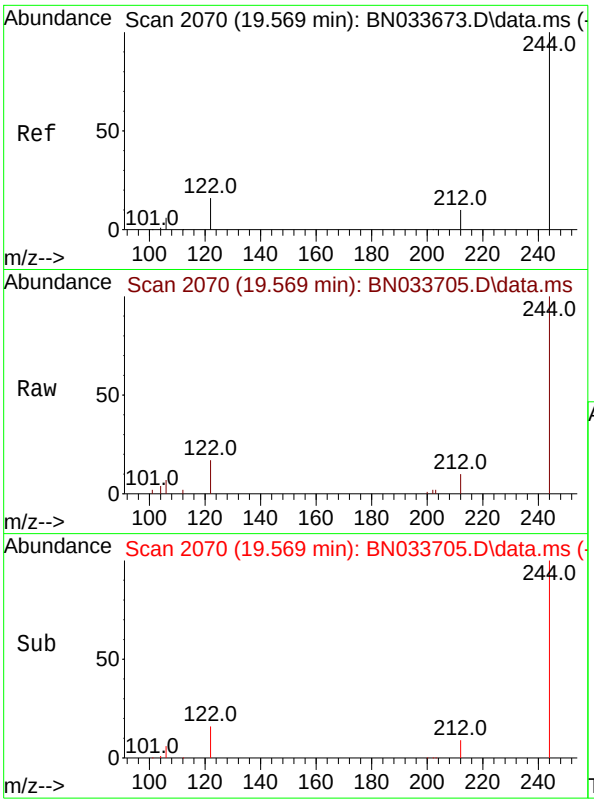


#30
Pyrene
Concen: 0.403 ng
RT: 19.351 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:202 Resp: 13738

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.8	14.5	21.7



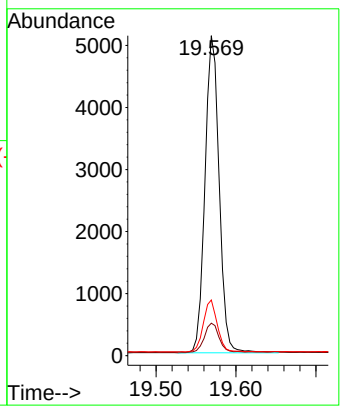


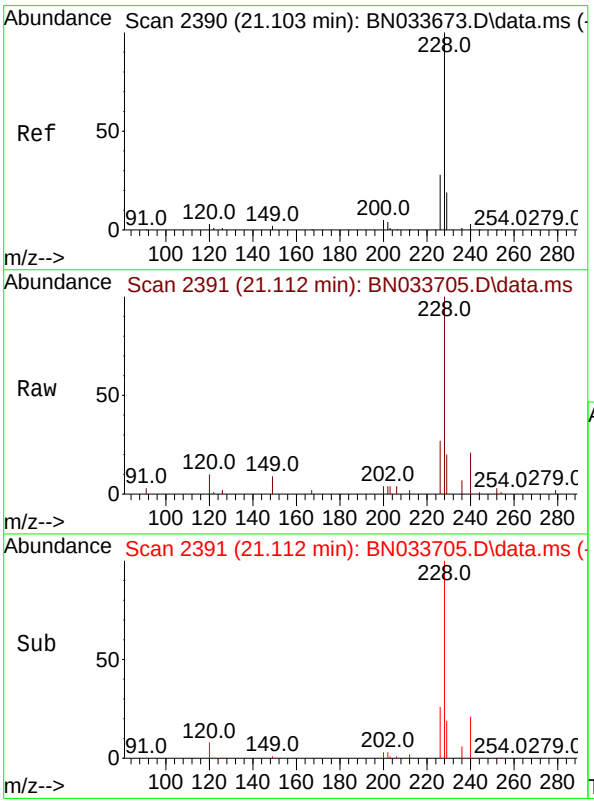
#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.569 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6296

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.2	12.4
122	17.4	13.6	20.4

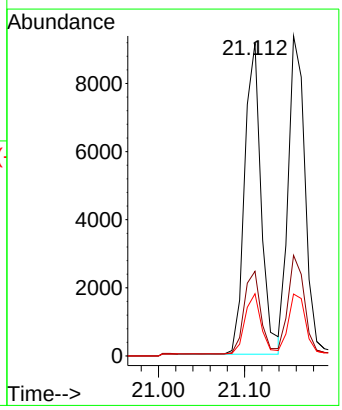


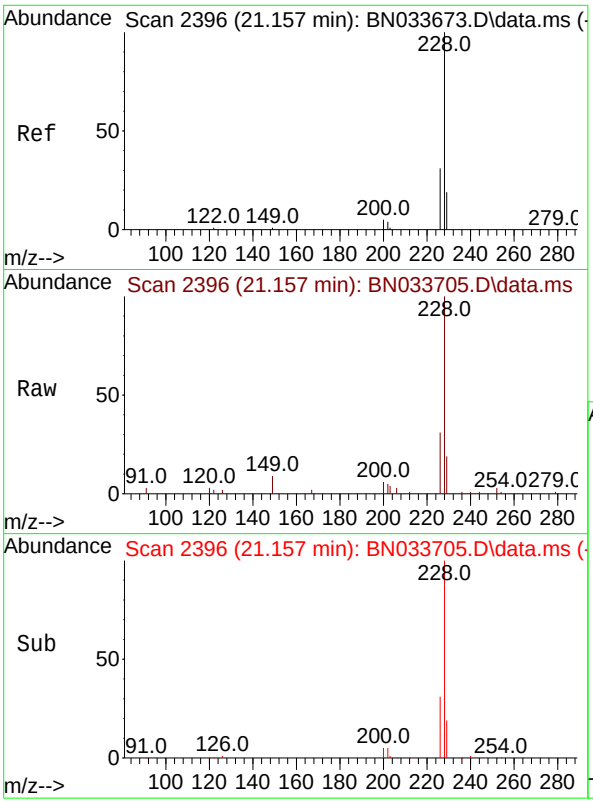


#32
Benzo(a)anthracene
Concen: 0.410 ng
RT: 21.112 min Scan# 2391
Delta R.T. 0.009 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:228 Resp: 12183

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	19.9	15.8	23.6



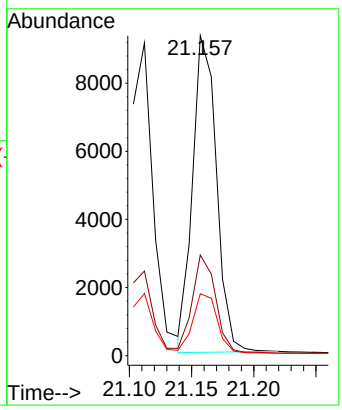


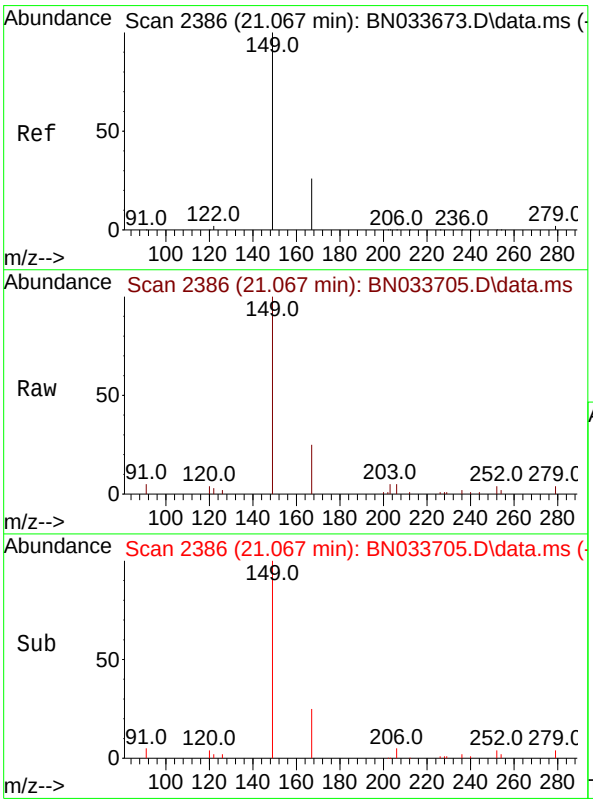
#33
Chrysene
Concen: 0.409 ng
RT: 21.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12451

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	19.4	15.6	23.4

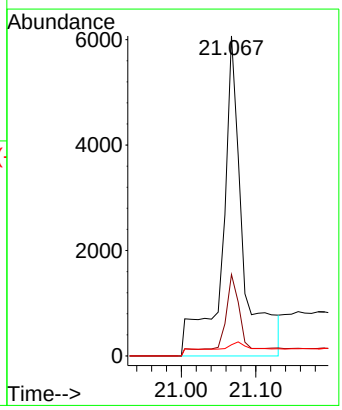


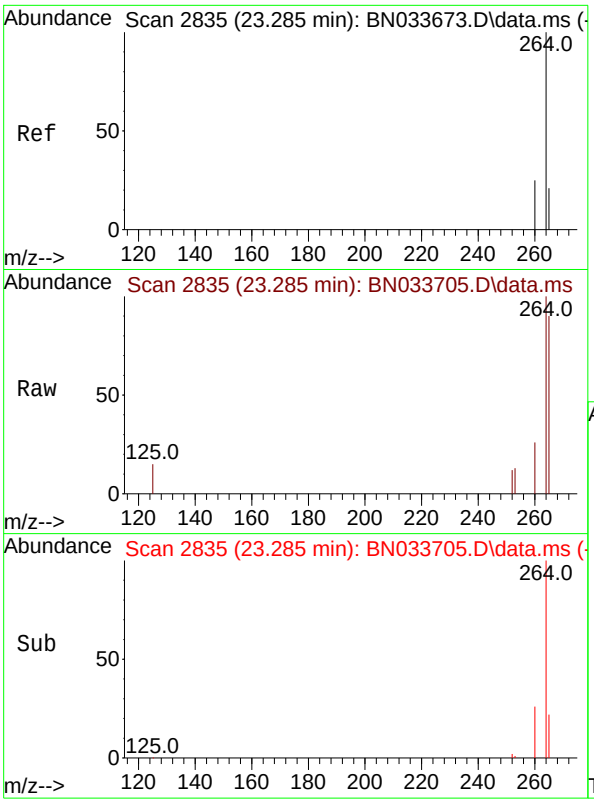


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.660 ng
RT: 21.067 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:149 Resp: 11125

Ion	Ratio	Lower	Upper
149	100		
167	15.4	28.3	42.5#
279	3.3	4.2	6.2#



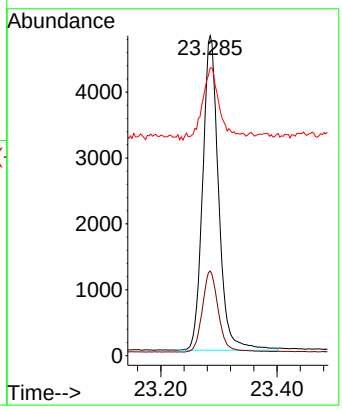


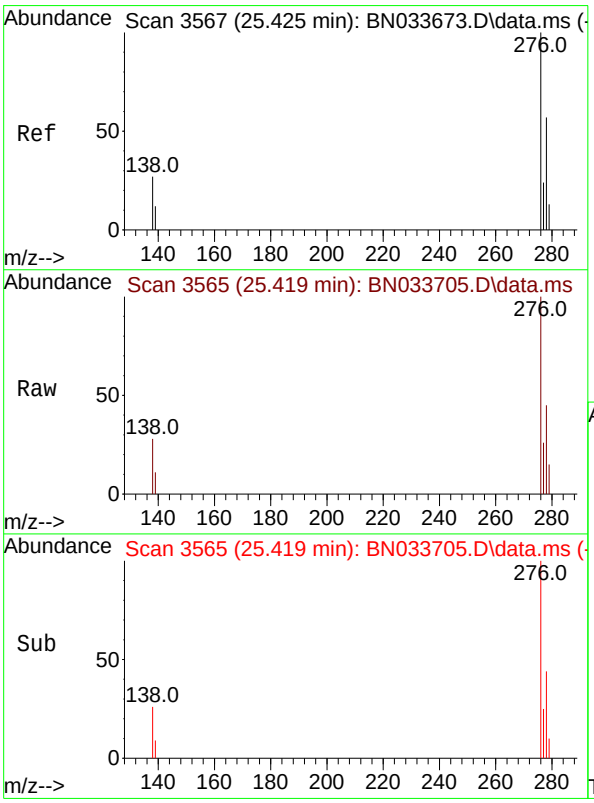
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.285 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 9100

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.7	31.1
265	90.0	69.9	104.9

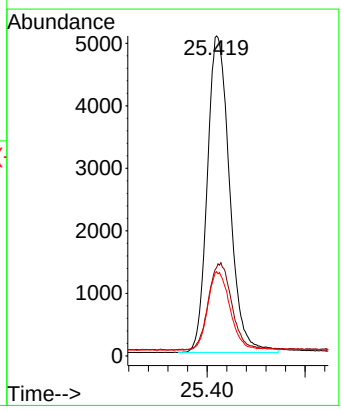


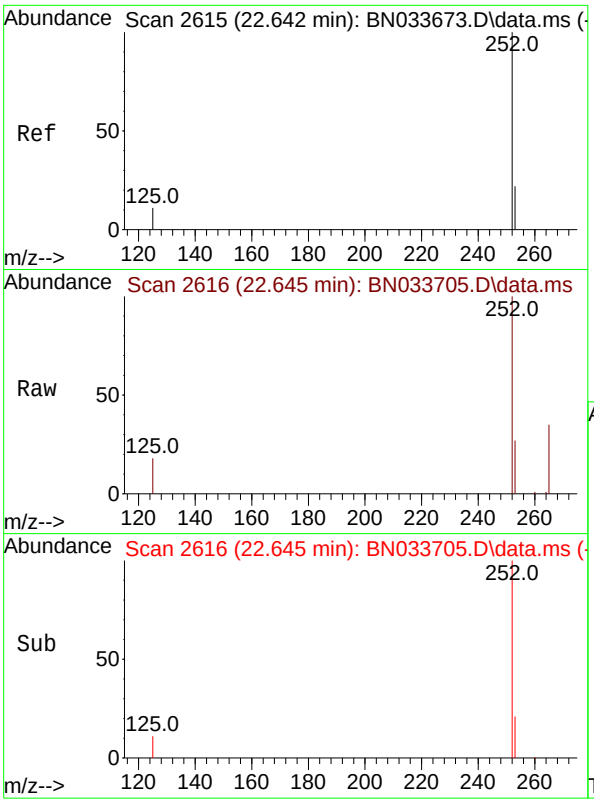


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 25.419 min Scan# 3565
Delta R.T. -0.006 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:276 Resp: 16005

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.3	34.9
277	24.7	19.8	29.6



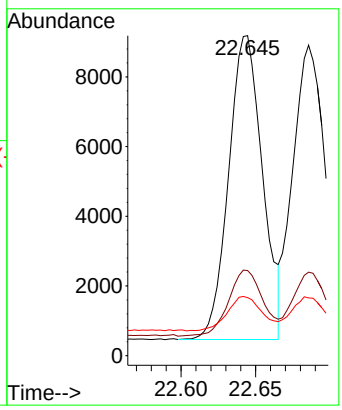


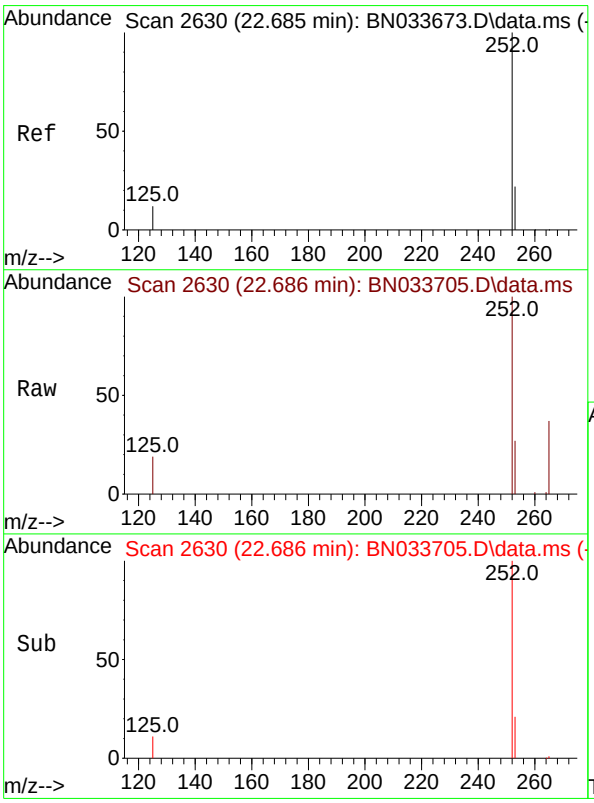
#37
Benzo(b)fluoranthene
Concen: 0.412 ng
RT: 22.645 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13793

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.6	32.4
125	18.2	15.2	22.8

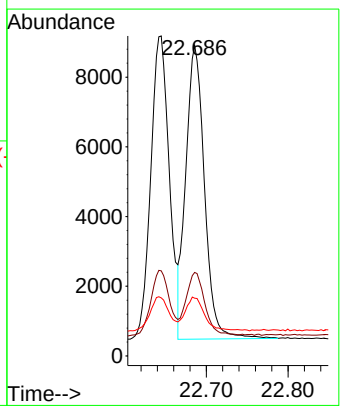


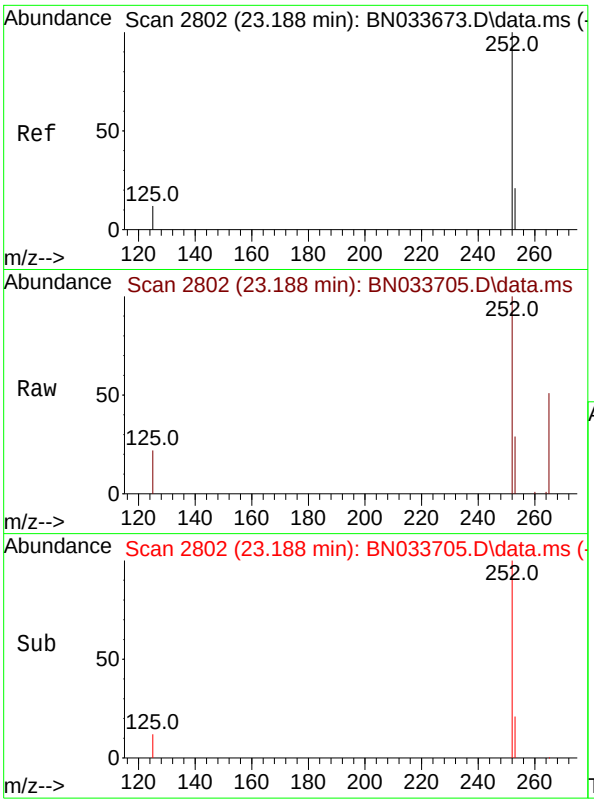


#38
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.686 min Scan# 2630
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:252 Resp: 13417

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.4	32.2
125	18.6	15.8	23.6



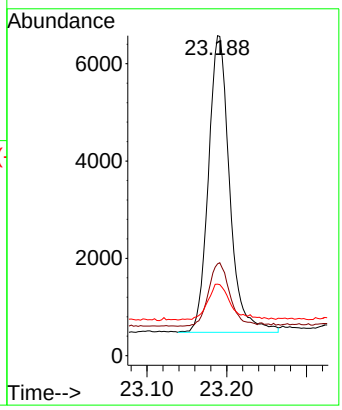


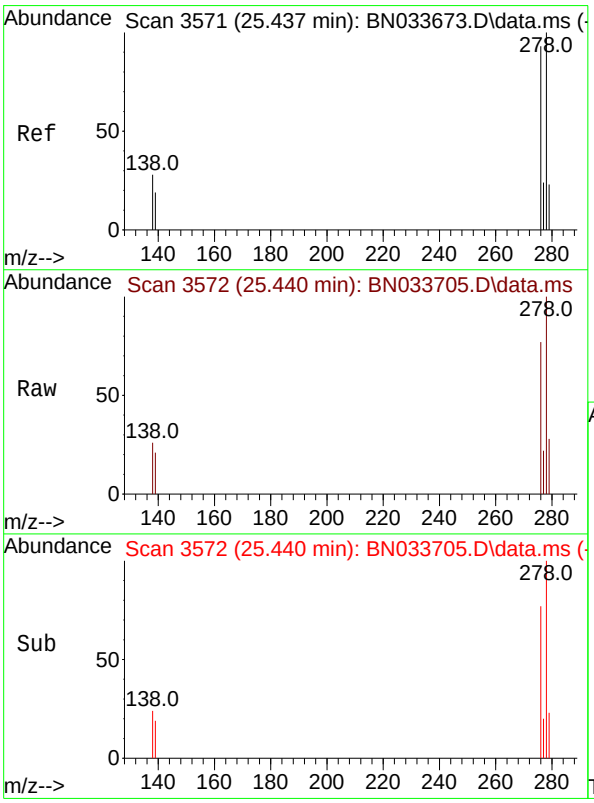
#39
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.188 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11260

Ion	Ratio	Lower	Upper
252	100		
253	28.7	23.6	35.4
125	22.3	18.7	28.1

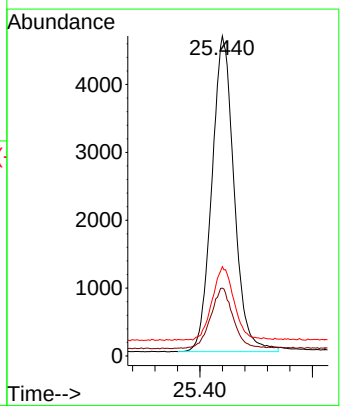


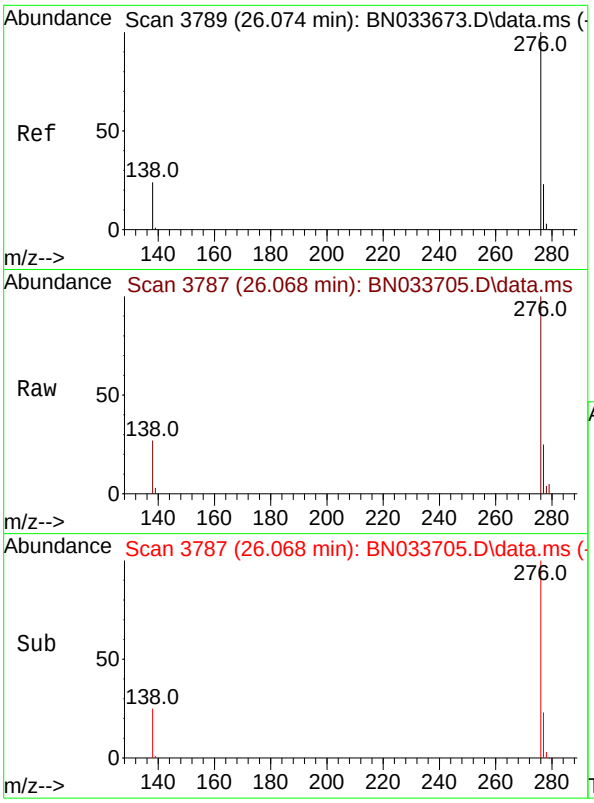


#40
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 25.440 min Scan# 3572
Delta R.T. 0.003 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Tgt Ion:278 Resp: 12791

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.2	25.8
279	27.9	22.2	33.4





#41
Benzo(g,h,i)perylene
Concen: 0.424 ng
RT: 26.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN033705.D
Acq: 30 Aug 2024 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 14291

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.2
138	26.7	21.1	31.7