Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034081.D
Acq On : 20 Sep 2024 11:27
Operator : JU/RC
Sample : PB163408BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Quant Time: Sep 20 11:52:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	6578	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	19493	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	11033	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	25009	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	18648	0.400	ng	# 0.00
35) Perylene-d12	23.183	264	17461	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	6135	0.329	ng	0.00
5) Phenol-d6	6.629	99	7046	0.324	ng	0.00
8) Nitrobenzene-d5	8.568	82	5565	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	10599	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1607	0.322	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	17740	0.395	ng	0.00
27) Fluoranthene-d10	18.880	212	23453	0.372	ng	0.00
31) Terphenyl-d14	19.498	244	13631	0.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	3261	0.397	ng	94
3) n-Nitrosodimethylamine	3.372	42	3930	0.420	ng	# 88
6) bis(2-Chloroethyl)ether	6.874	93	7043	0.367	ng	96
9) Naphthalene	10.233	128	21122	0.395	ng	100
10) Hexachlorobutadiene	10.532	225	4067	0.403	ng	# 99
12) 2-Methylnaphthalene	11.863	142	13613	0.391	ng	100
16) Acenaphthylene	13.794	152	18464	0.391	ng	100
17) Acenaphthene	14.137	154	13794	0.407	ng	99
18) Fluorene	15.142	166	18087	0.407	ng	99
20) 4,6-Dinitro-2-methylph...	15.227	198	1244	0.406	ng	# 69
21) 4-Bromophenyl-phenylether	16.039	248	5520	0.393	ng	# 88
22) Hexachlorobenzene	16.138	284	6311	0.400	ng	97
23) Atrazine	16.324	200	4178	0.359	ng	97
24) Pentachlorophenol	16.498	266	1986	0.381	ng	99
25) Phenanthrene	16.870	178	29033	0.404	ng	100
26) Anthracene	16.970	178	23187	0.396	ng	100
28) Fluoranthene	18.908	202	33199	0.399	ng	100
30) Pyrene	19.275	202	33659	0.428	ng	100
32) Benzo(a)anthracene	21.044	228	24579	0.417	ng	99
33) Chrysene	21.089	228	29094	0.413	ng	100
34) Bis(2-ethylhexyl)phtha...	21.008	149	6809	0.277	ng	98
36) Indeno(1,2,3-cd)pyrene	25.268	276	26459	0.354	ng	98
37) Benzo(b)fluoranthene	22.554	252	28429	0.416	ng	98
38) Benzo(k)fluoranthene	22.598	252	30314	0.422	ng	97
39) Benzo(a)pyrene	23.089	252	21877	0.392	ng	97
40) Dibenzo(a,h)anthracene	25.285	278	20177	0.347	ng	99
41) Benzo(g,h,i)perylene	25.905	276	22194	0.340	ng	100

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

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
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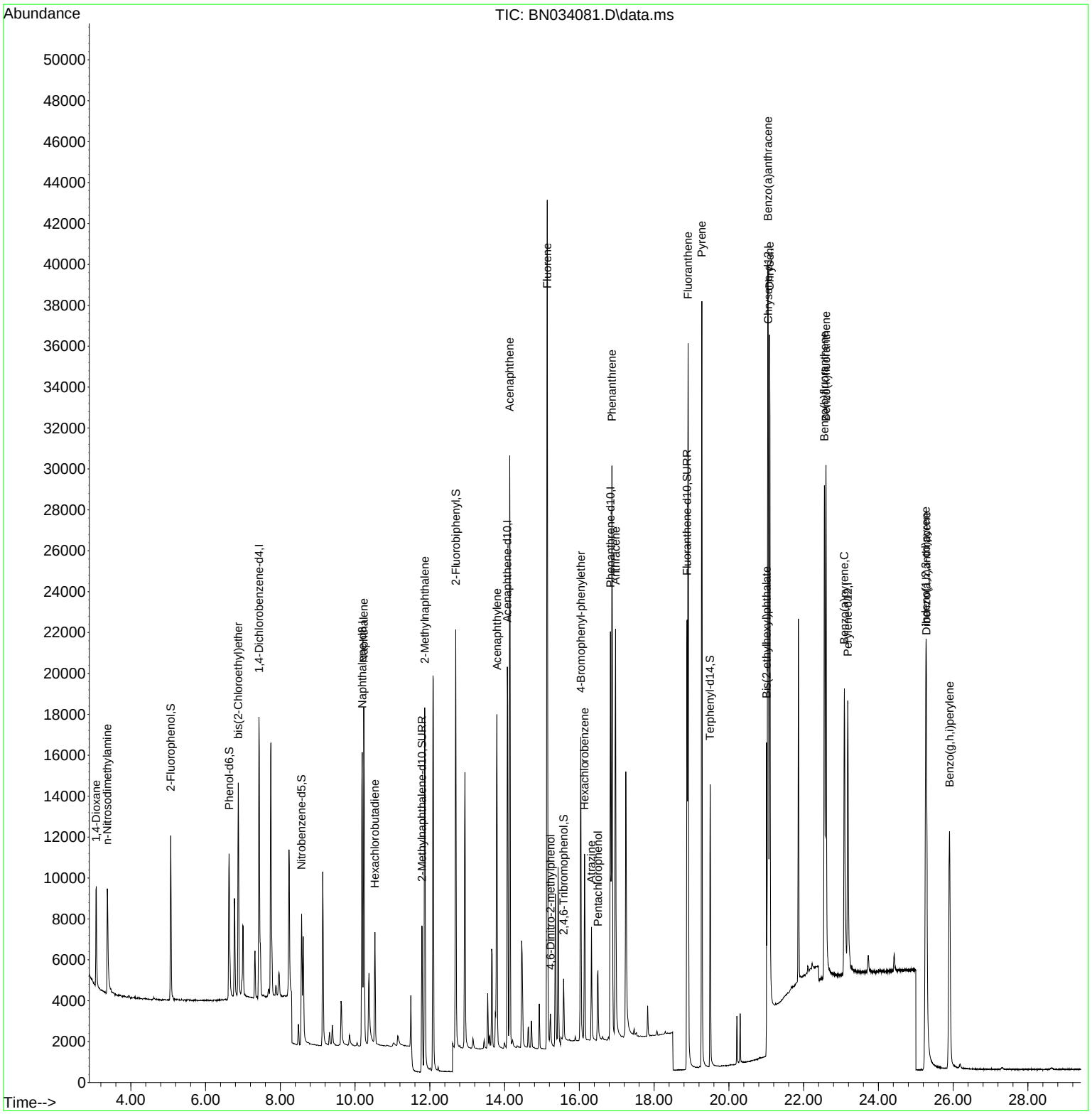
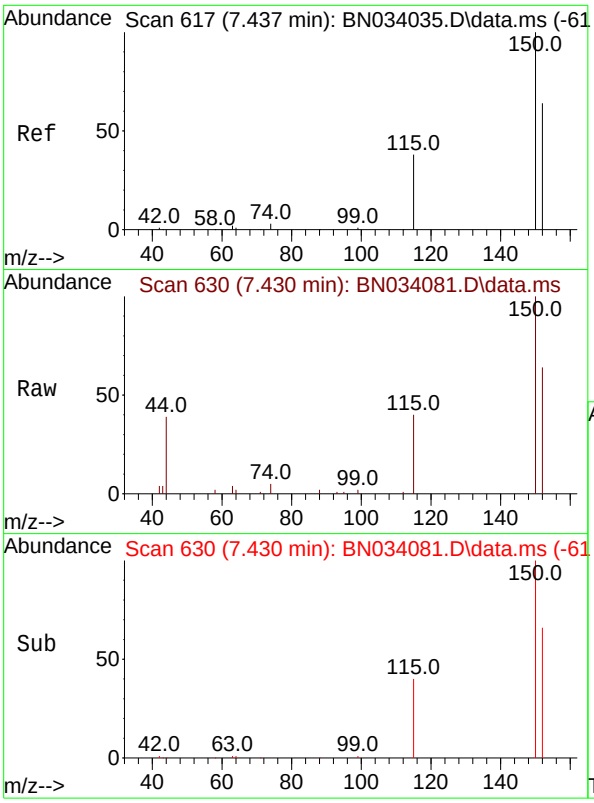


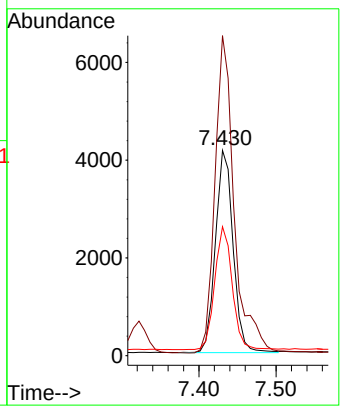


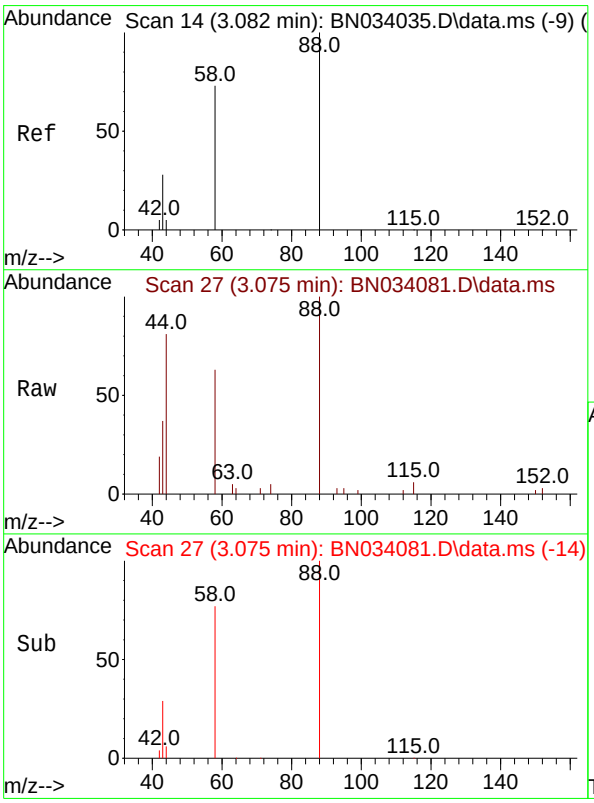
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:152 Resp: 6578

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	187.0
115	62.8	50.0	75.0

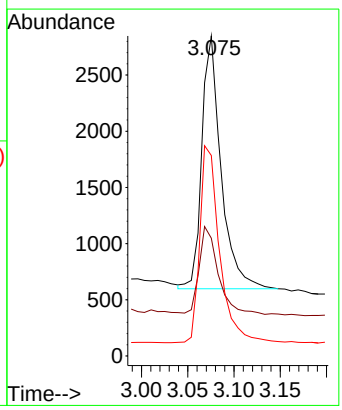


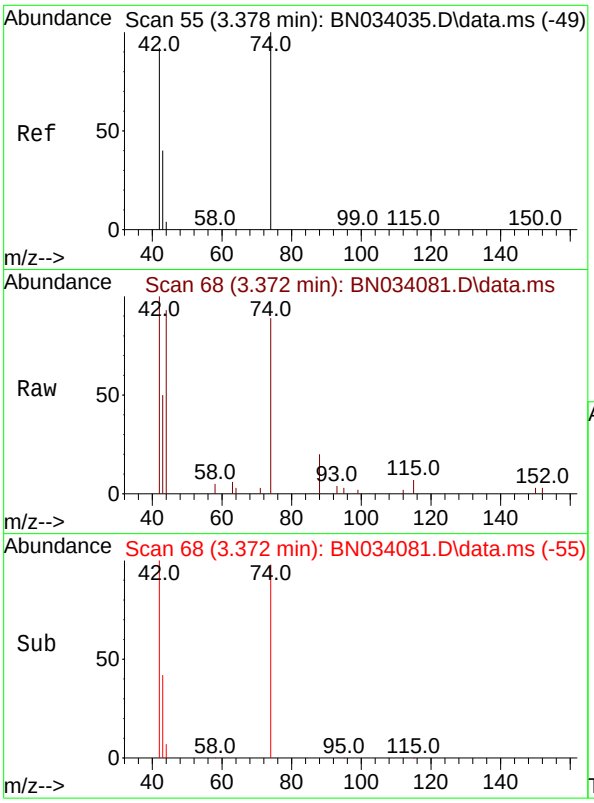


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion: 88 Resp: 3261

Ion	Ratio	Lower	Upper
88	100		
43	33.8	25.8	38.8
58	80.1	58.8	88.2



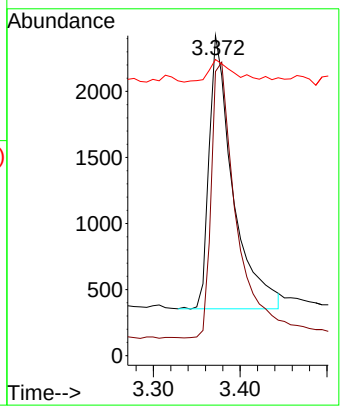


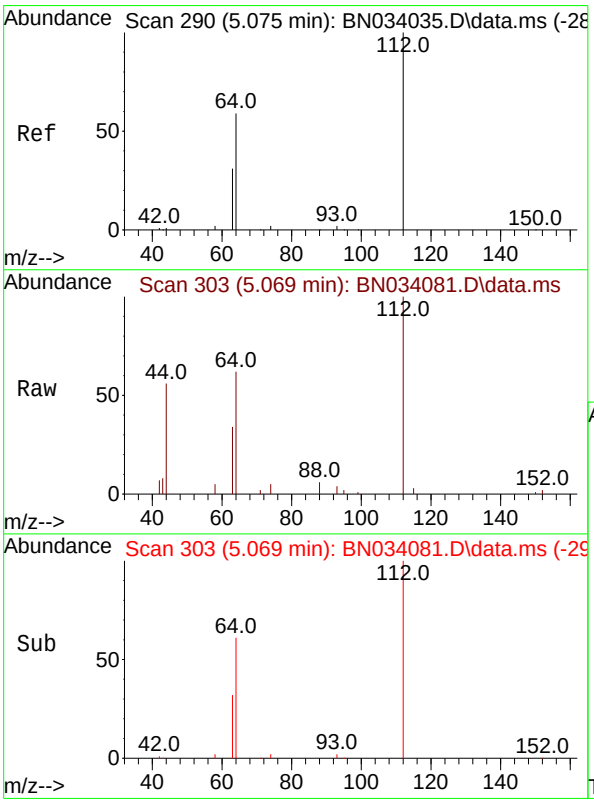
#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.372 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion: 42 Resp: 3930

Ion	Ratio	Lower	Upper
42	100		
74	106.1	94.6	142.0
44	8.2	12.4	18.6#

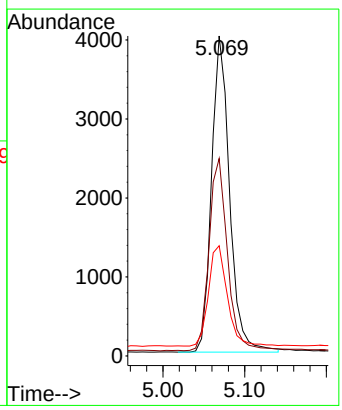


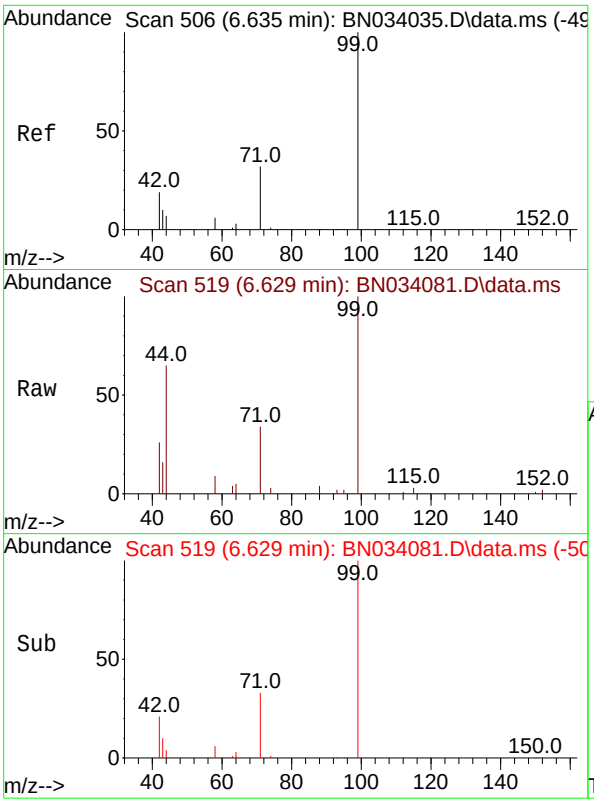


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:112 Resp: 6135

Ion	Ratio	Lower	Upper
112	100		
64	62.3	48.6	72.8
63	33.2	25.6	38.4



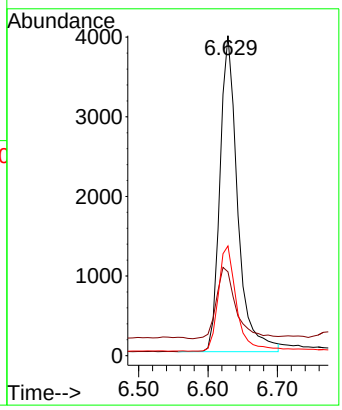


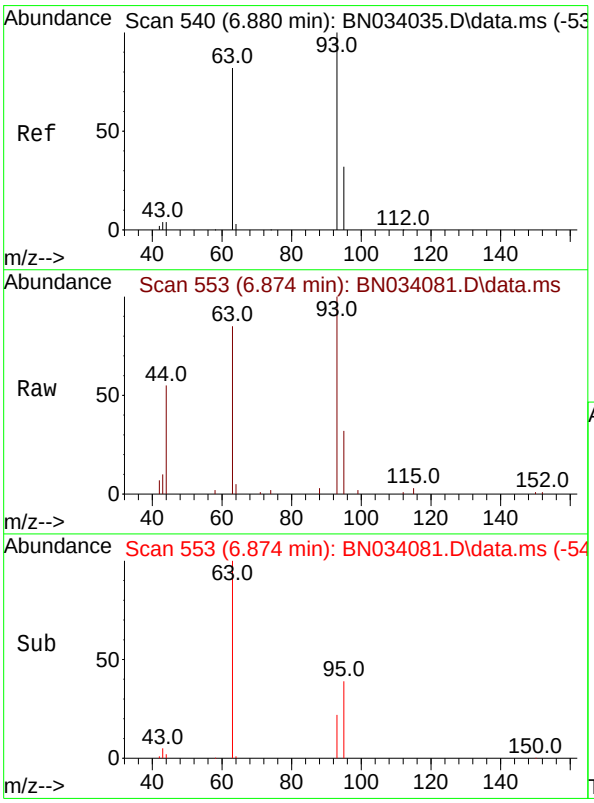
#5
Phenol-d6
Concen: 0.324 ng
RT: 6.629 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion: 99 Resp: 7046

Ion	Ratio	Lower	Upper
99	100		
42	25.1	17.8	26.8
71	34.0	26.2	39.2

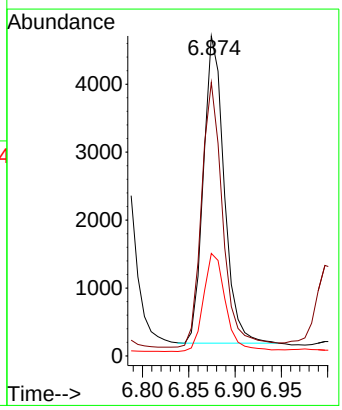


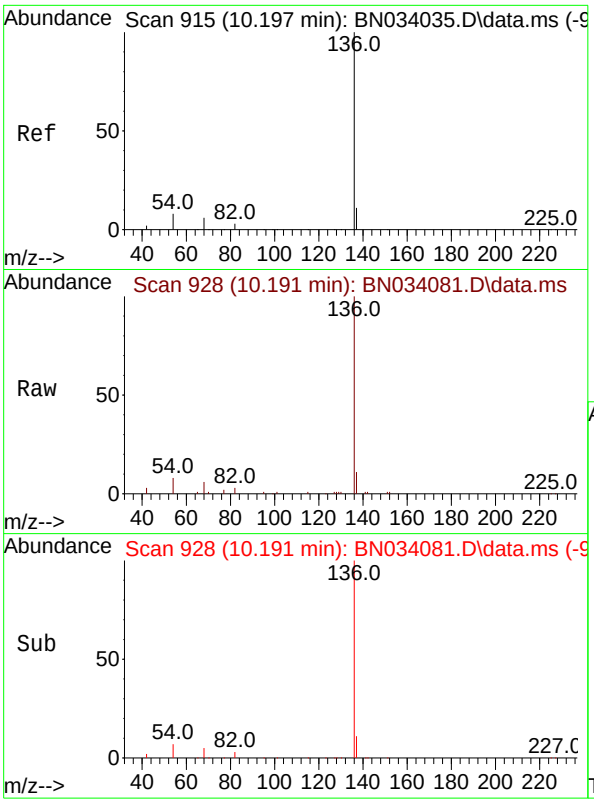


#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 6.874 min Scan# 553
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion: 93 Resp: 7043

Ion	Ratio	Lower	Upper
93	100		
63	88.8	67.3	100.9
95	33.9	26.8	40.2



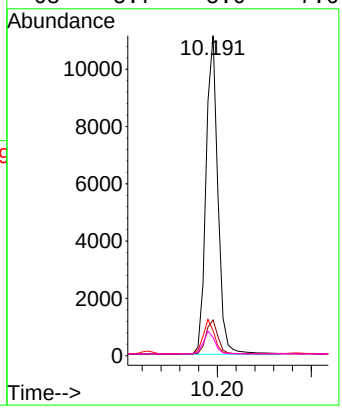


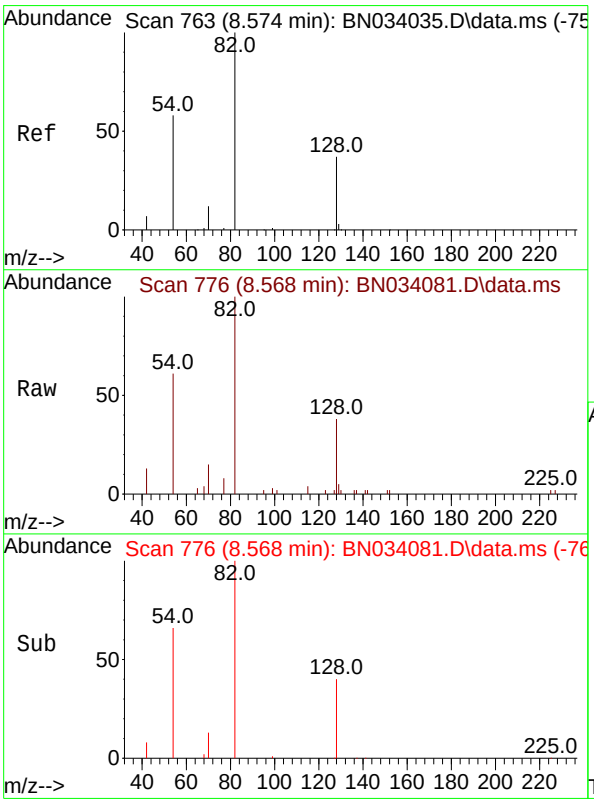
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:136 Resp: 19493

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.9	6.8	10.2
68	5.7	5.0	7.6

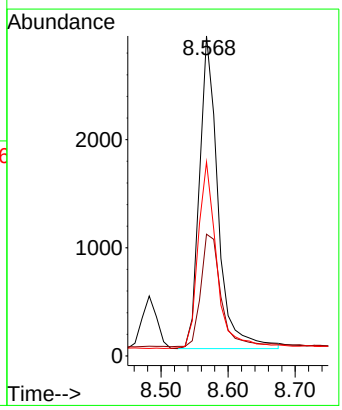


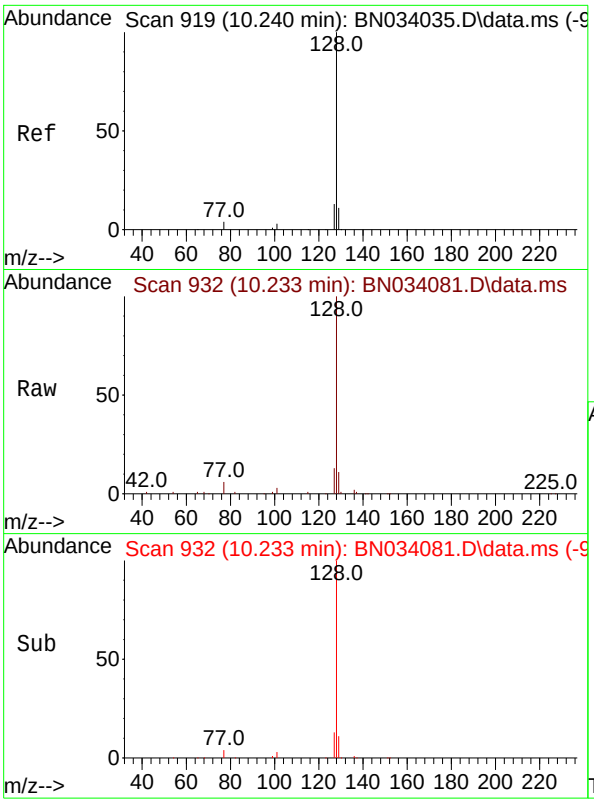


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion: 82 Resp: 5565

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.4	47.2
54	60.6	47.4	71.0



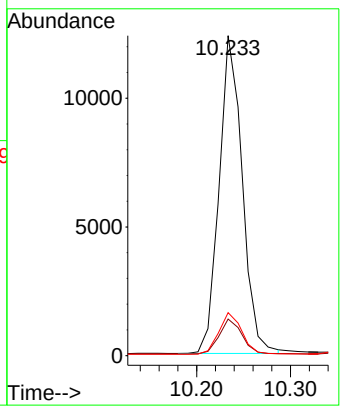


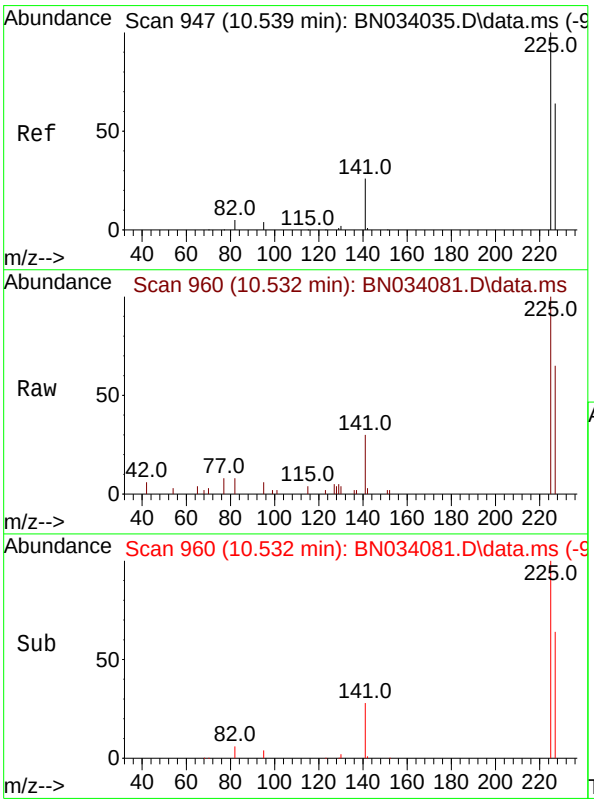
#9
Naphthalene
Concen: 0.395 ng
RT: 10.233 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:128 Resp: 21122

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.4	10.7	16.1

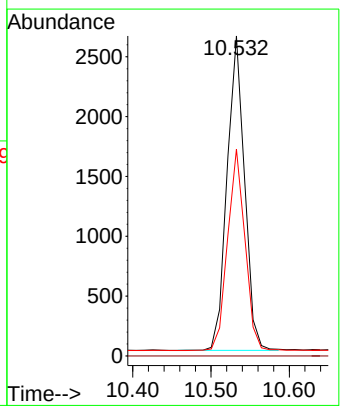


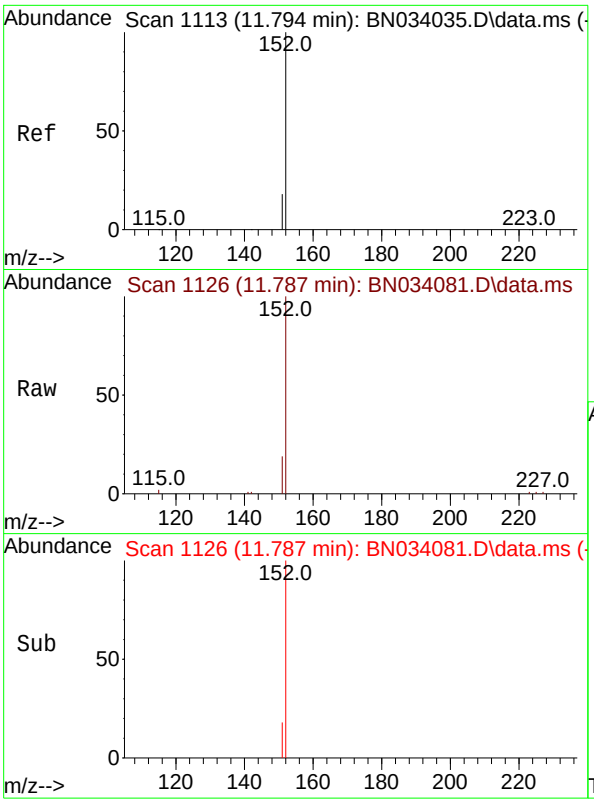


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.532 min Scan# 960
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:225 Resp: 4067

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.5	75.7



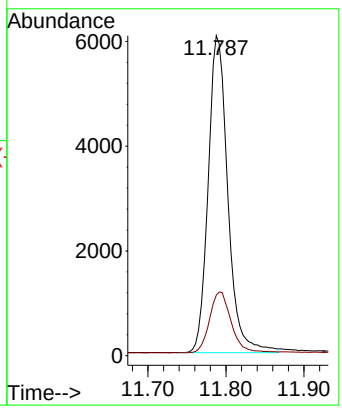


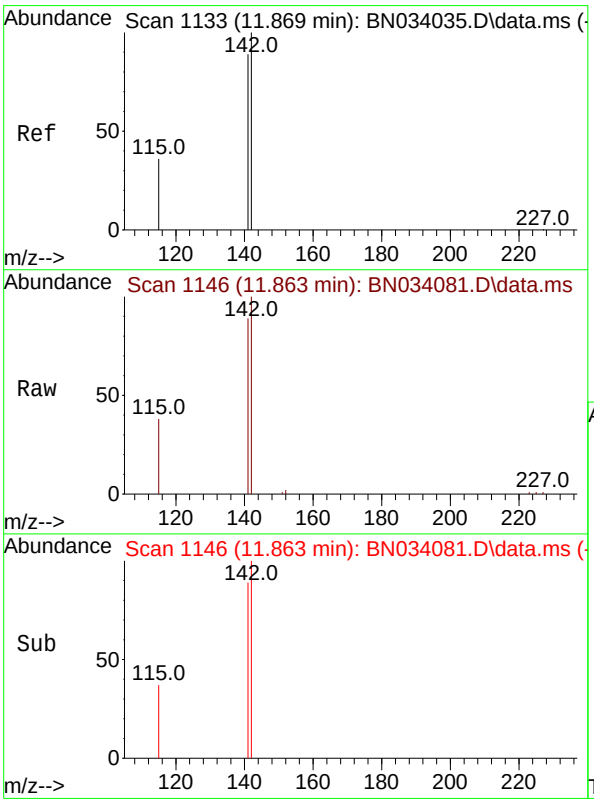
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:152 Resp: 10599

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2

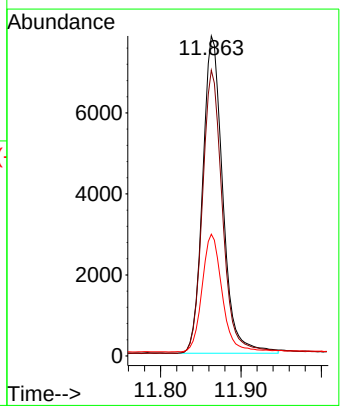


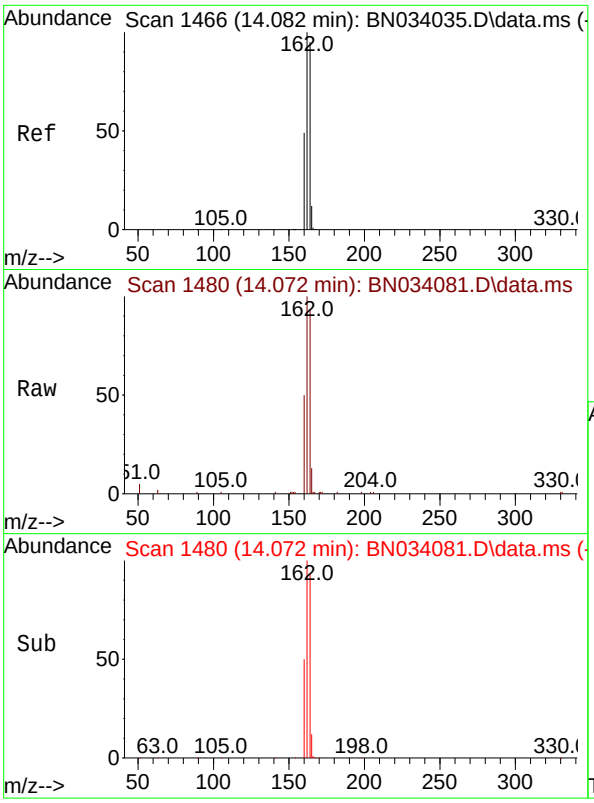


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 11.863 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:142 Resp: 13613

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	38.0	30.0	45.0



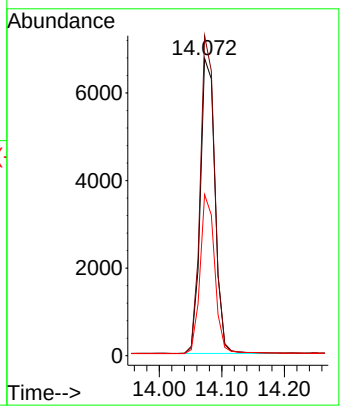


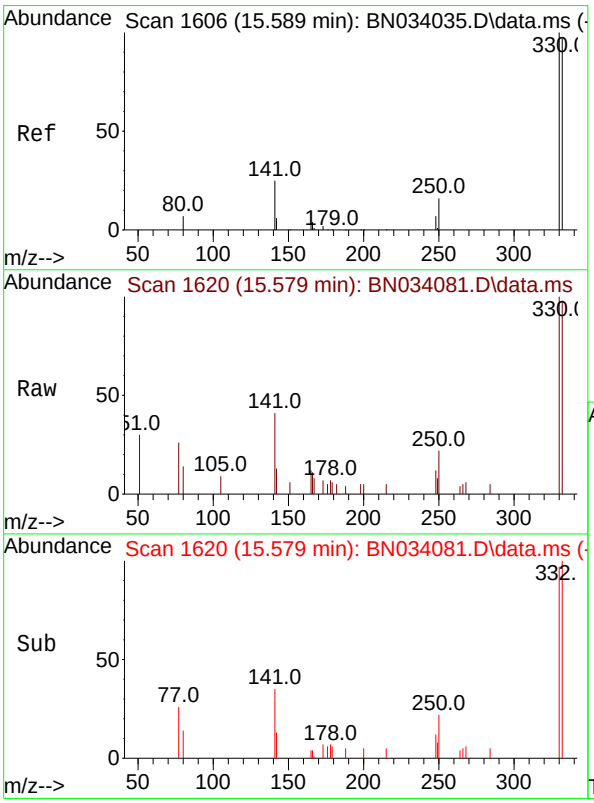
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:164 Resp: 11033

Ion	Ratio	Lower	Upper
164	100		
162	107.6	84.2	126.2
160	54.2	41.7	62.5

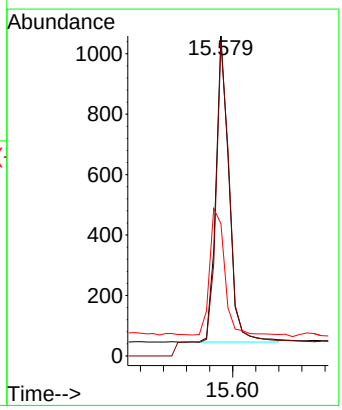


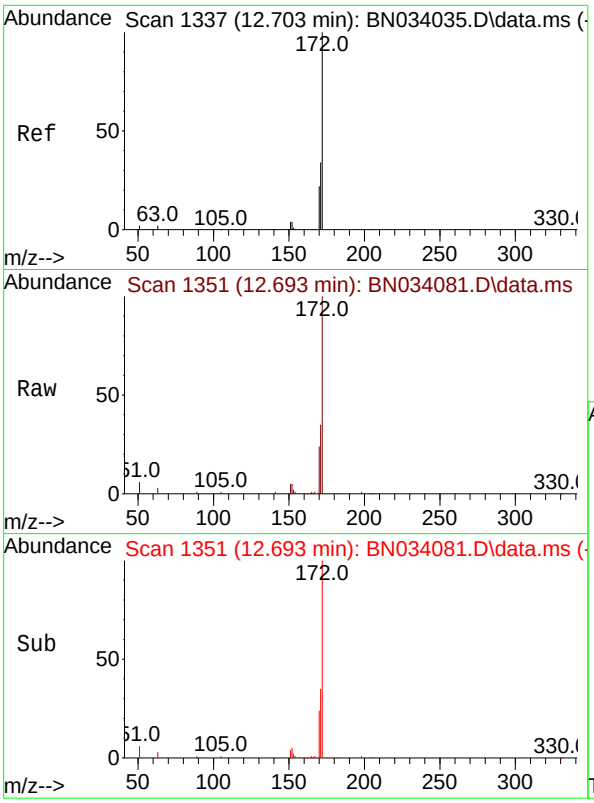


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.579 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:330 Resp: 1607

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.0
141	46.9	35.9	53.9



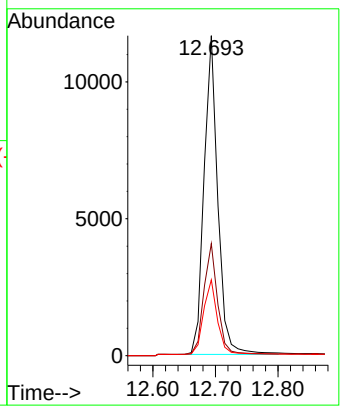


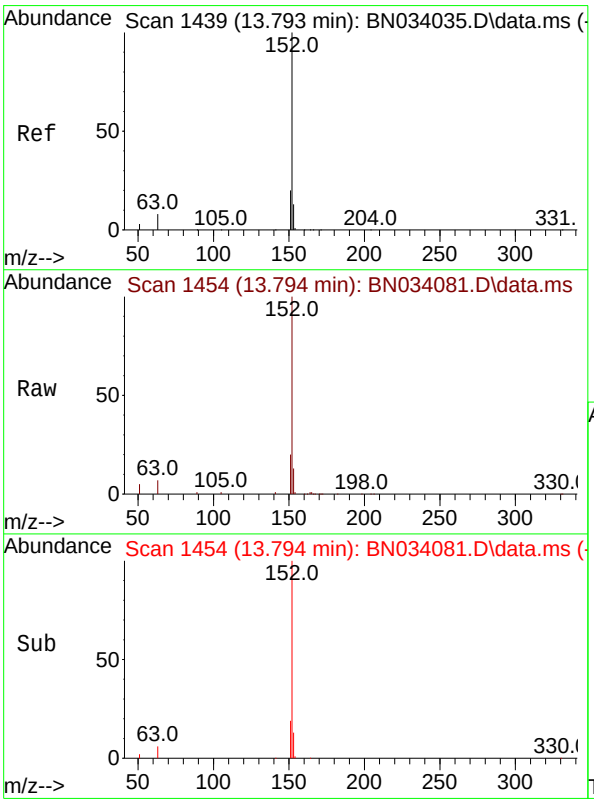
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.693 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:172 Resp: 17740

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.3	40.9
170	23.7	18.1	27.1

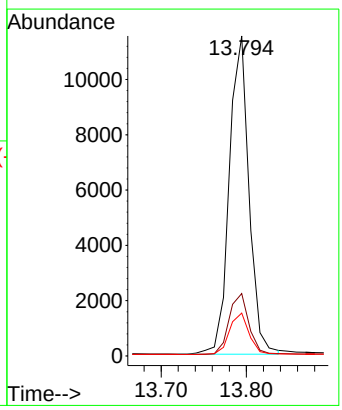


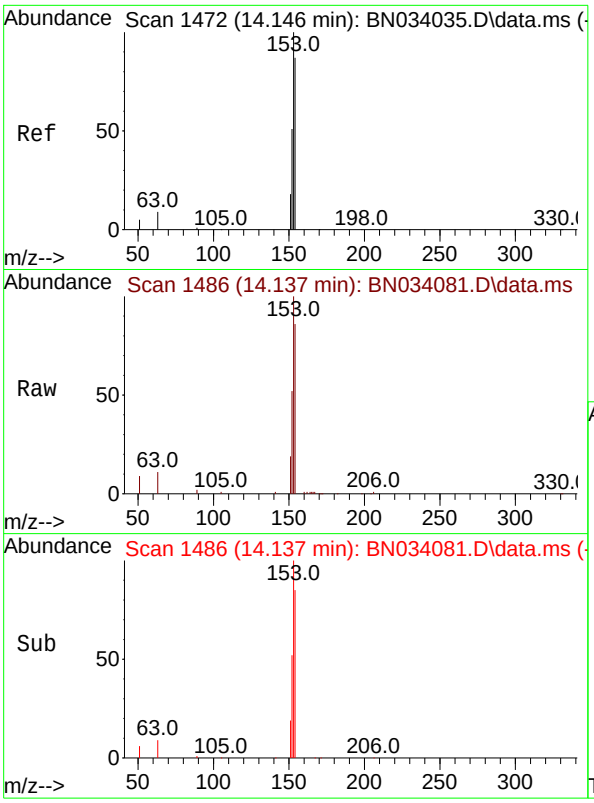


#16
Acenaphthylene
Concen: 0.391 ng
RT: 13.794 min Scan# 1454
Delta R.T. 0.001 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:152 Resp: 18464

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.9	10.3	15.5



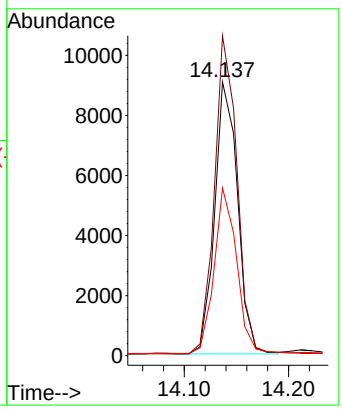


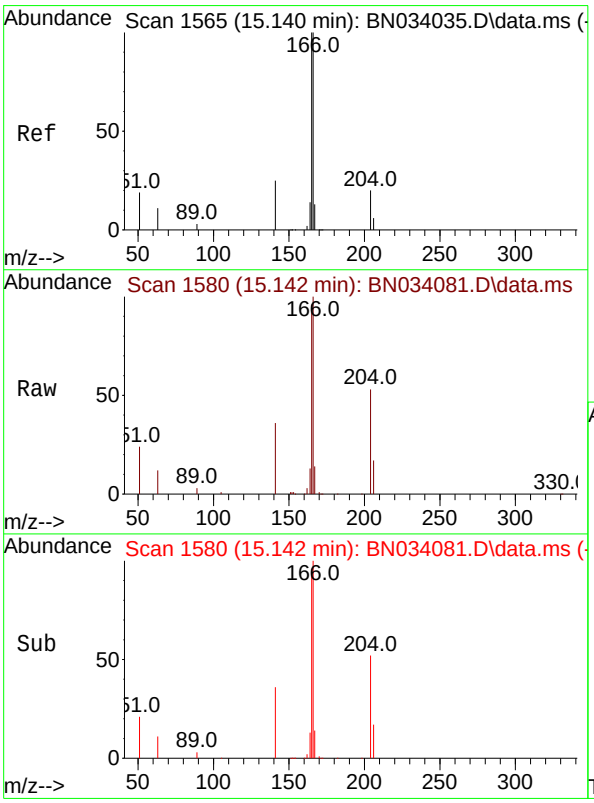
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.137 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:154 Resp: 13794

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.6	137.4
152	59.6	47.4	71.2

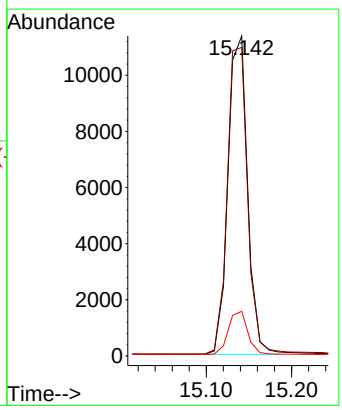


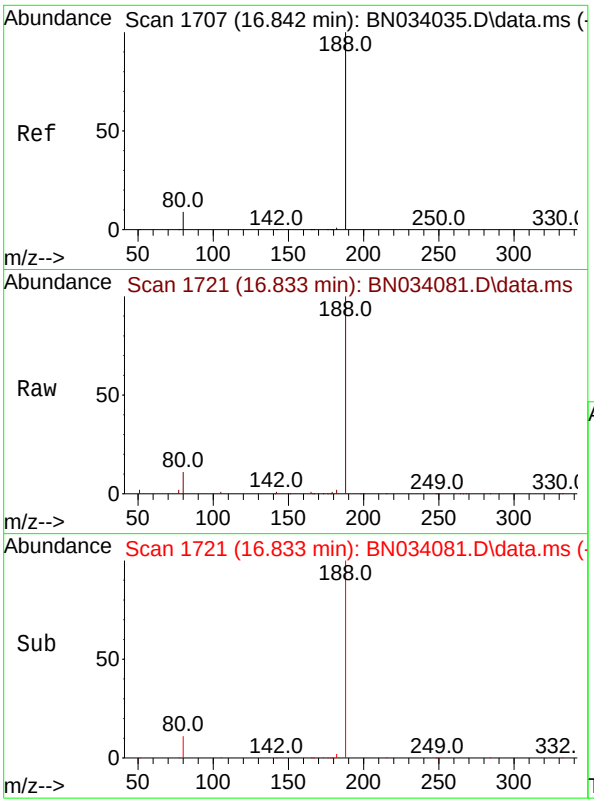


#18
Fluorene
Concen: 0.407 ng
RT: 15.142 min Scan# 1580
Delta R.T. 0.001 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:166 Resp: 18087

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.1	118.7
167	13.4	10.6	15.8



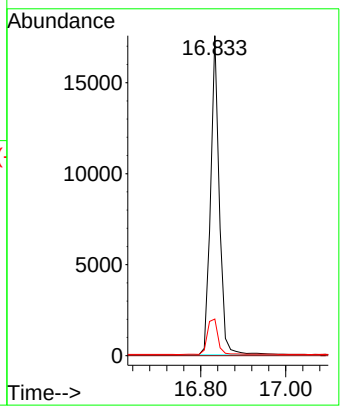


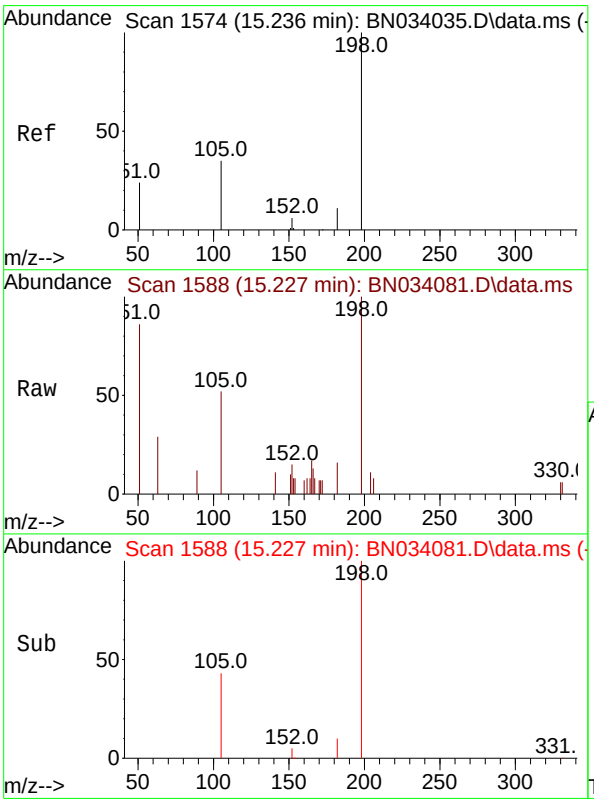
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:188 Resp: 25009

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	7.4	11.0#

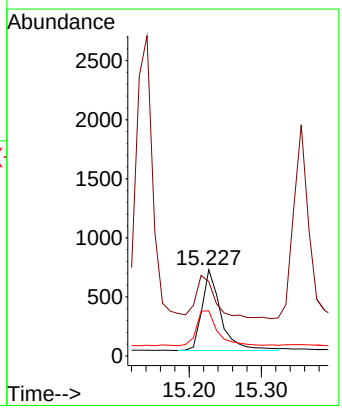


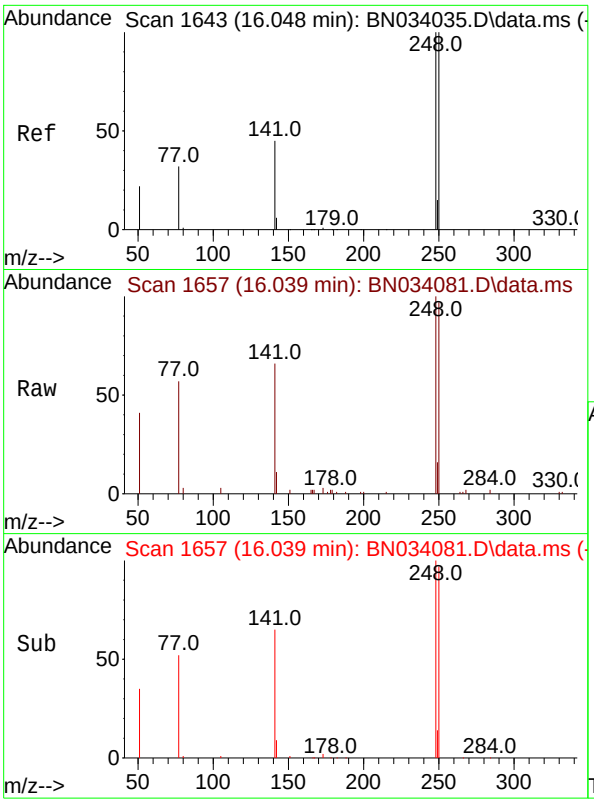


#20
4,6-Dinitro-2-methylphenol
Concen: 0.406 ng
RT: 15.227 min Scan# 1588
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:198 Resp: 1244

Ion	Ratio	Lower	Upper
198	100		
51	86.3	106.4	159.6#
105	52.3	38.5	57.7



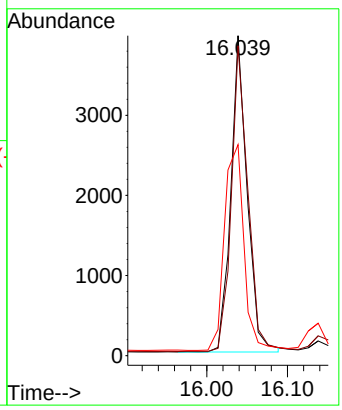


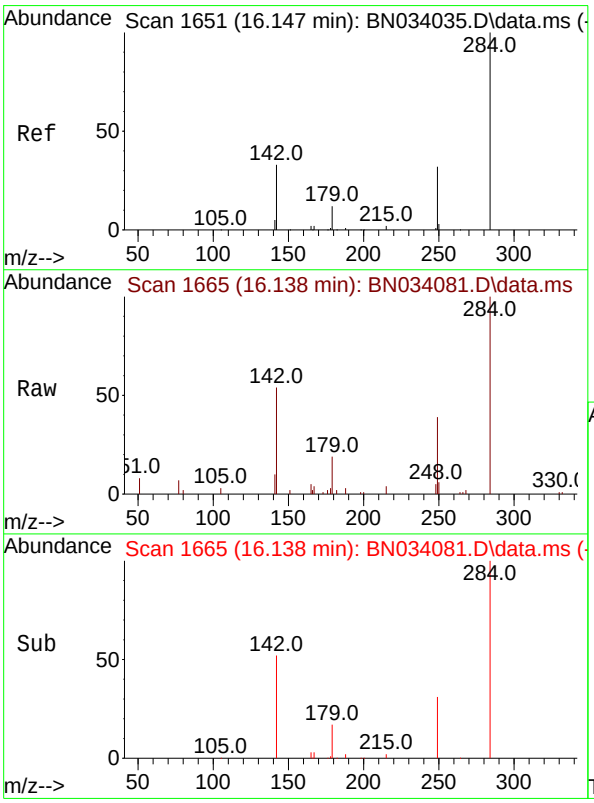
#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.039 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:248 Resp: 5520

Ion	Ratio	Lower	Upper
248	100		
250	96.8	80.5	120.7
141	65.9	37.1	55.7#

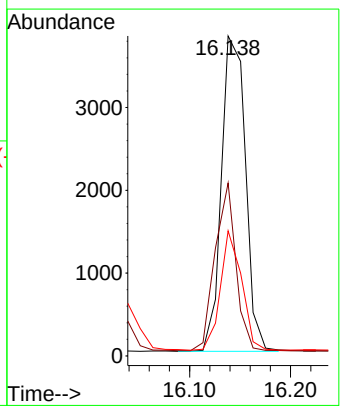


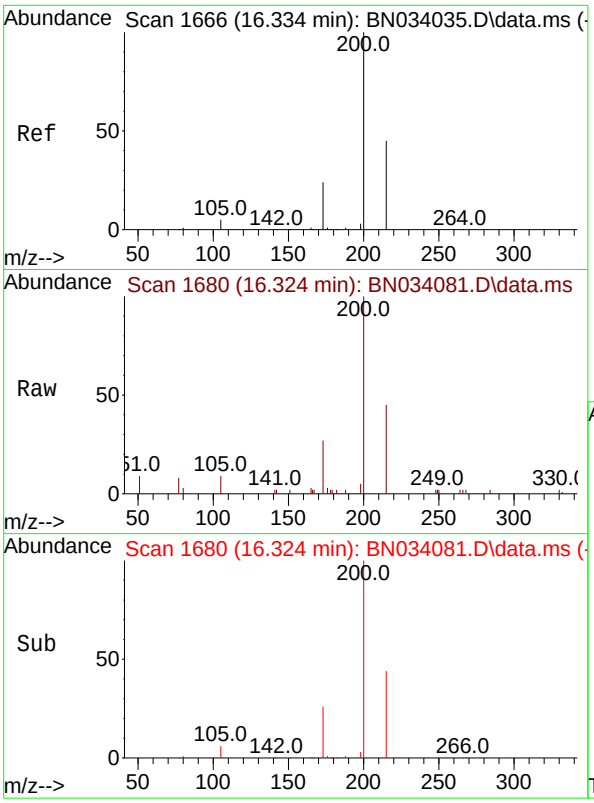


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.138 min Scan# 1665
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:284 Resp: 6311

Ion	Ratio	Lower	Upper
284	100		
142	45.8	34.5	51.7
249	33.4	25.8	38.6



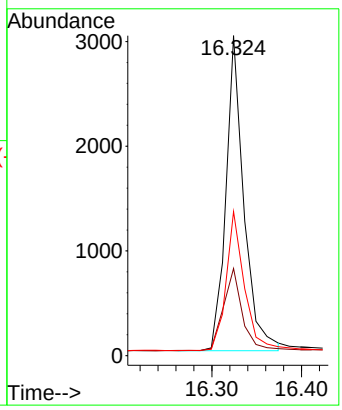


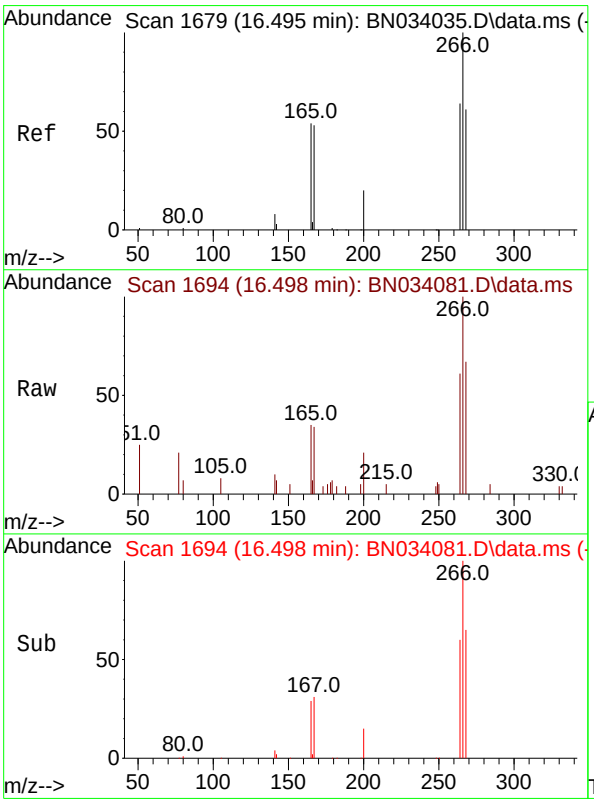
#23
Atrazine
Concen: 0.359 ng
RT: 16.324 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:200 Resp: 4178

Ion	Ratio	Lower	Upper
200	100		
173	27.2	20.1	30.1
215	45.0	37.0	55.6

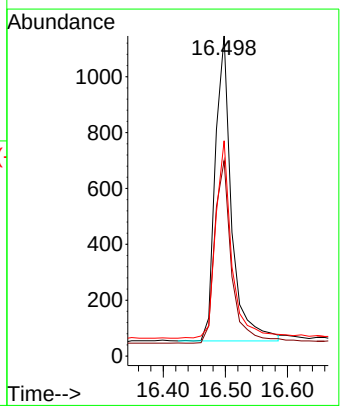


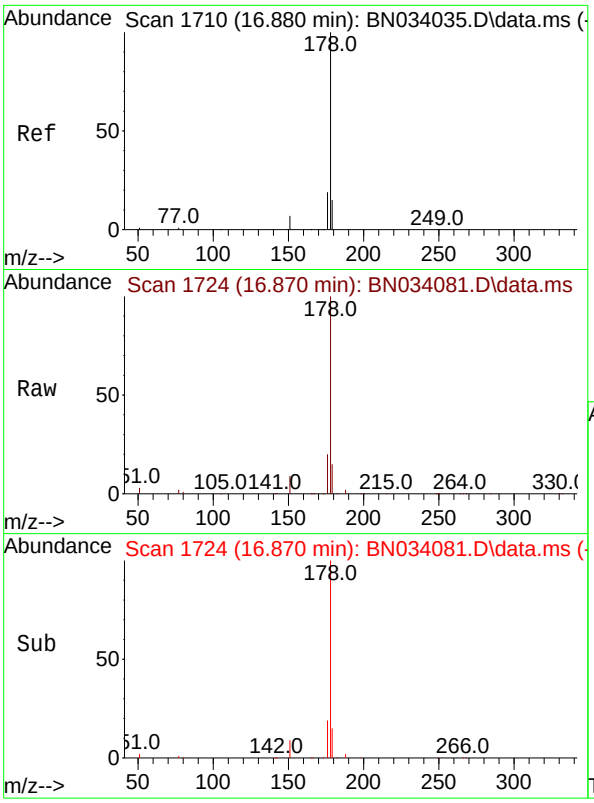


#24
Pentachlorophenol
Concen: 0.381 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:266 Resp: 1986

Ion	Ratio	Lower	Upper
266	100		
264	61.2	50.2	75.2
268	63.2	51.0	76.4



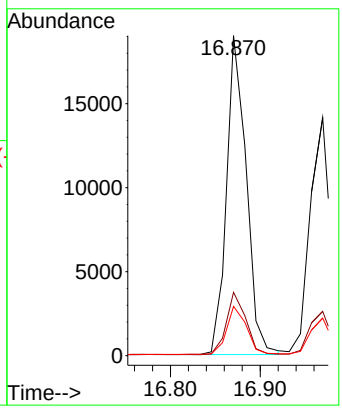


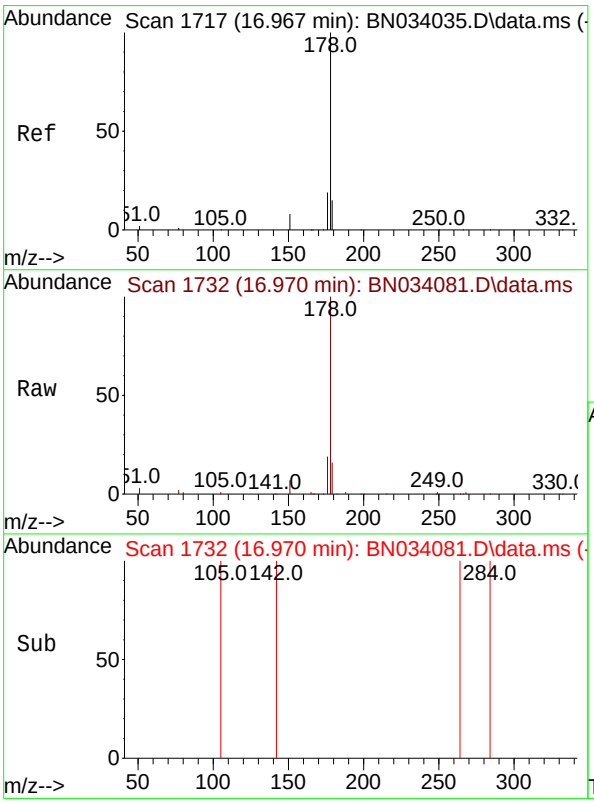
#25
Phenanthrene
Concen: 0.404 ng
RT: 16.870 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:178 Resp: 29033

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.1	18.1

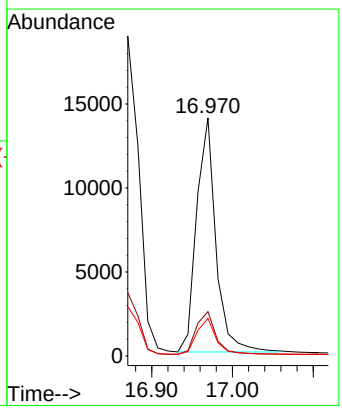


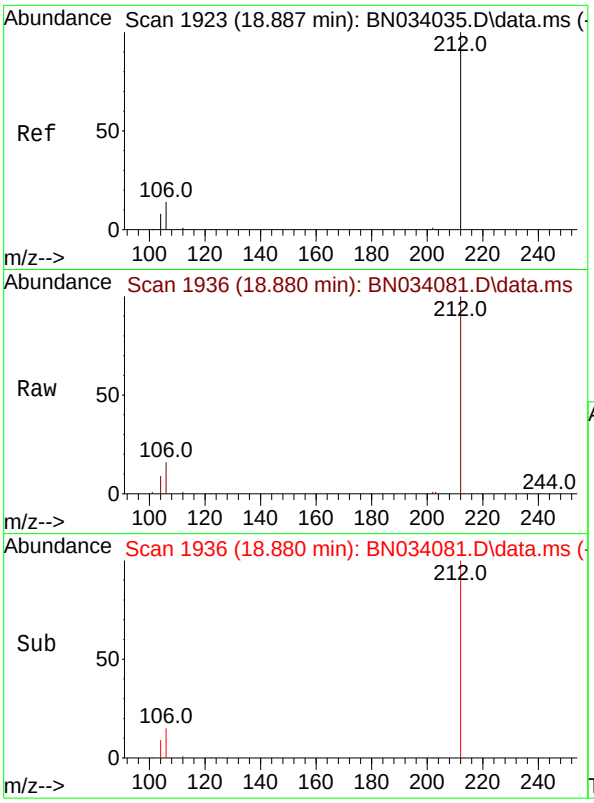


#26
Anthracene
Concen: 0.396 ng
RT: 16.970 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:178 Resp: 23187

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.2	18.4



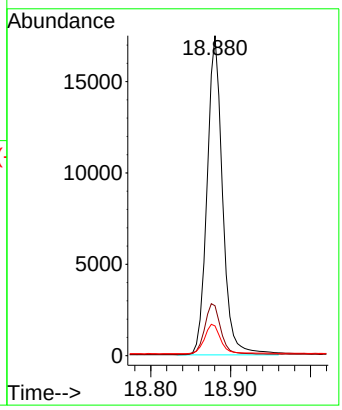


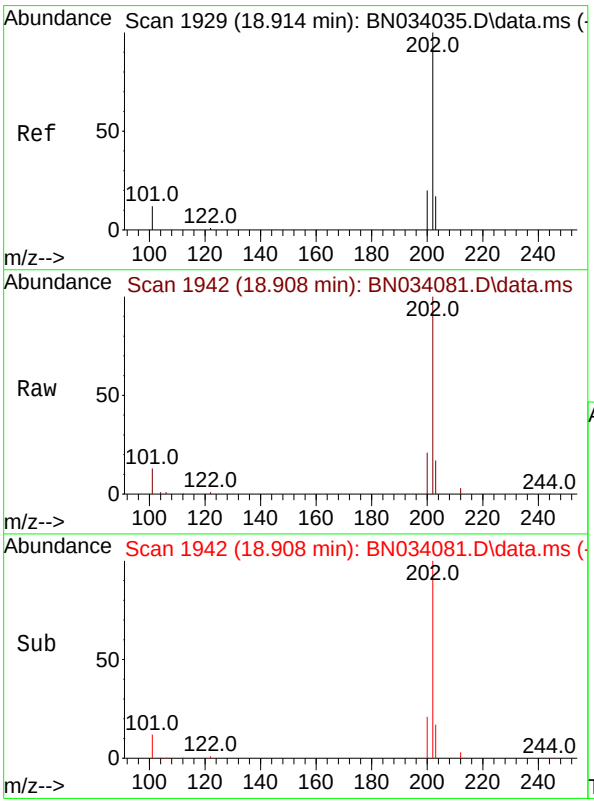
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 18.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:212 Resp: 23453

Ion	Ratio	Lower	Upper
212	100		
106	16.6	13.4	20.2
104	9.7	7.8	11.6

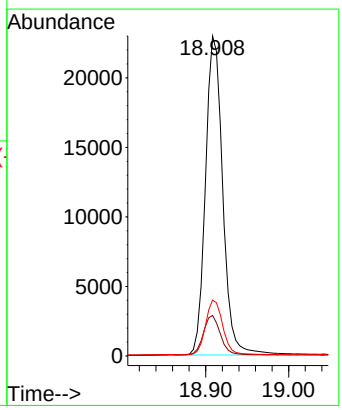


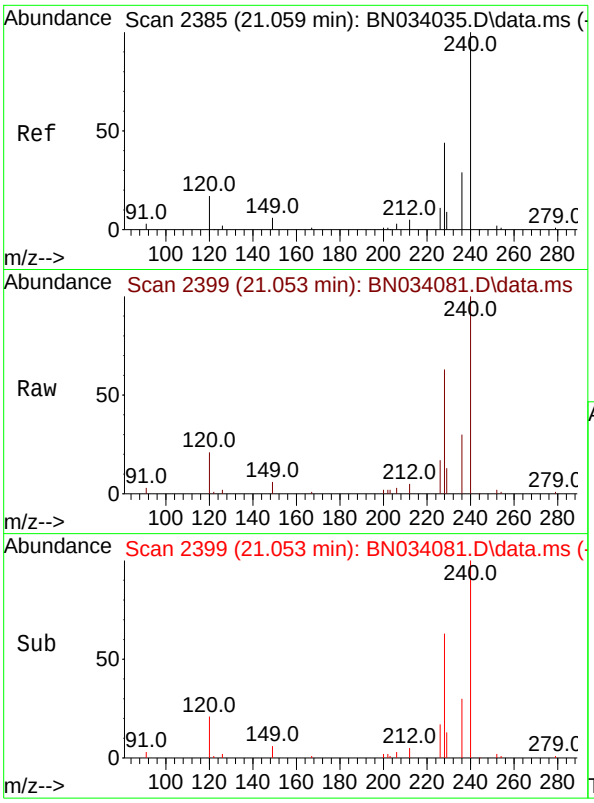


#28
Fluoranthene
Concen: 0.399 ng
RT: 18.908 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:202 Resp: 33199

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.1	15.1
203	17.1	13.6	20.4



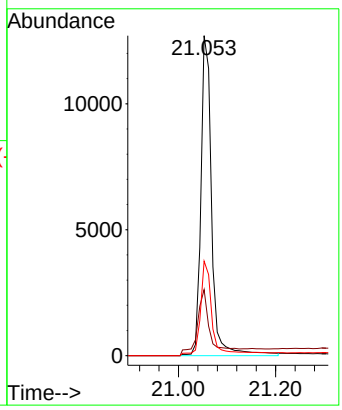


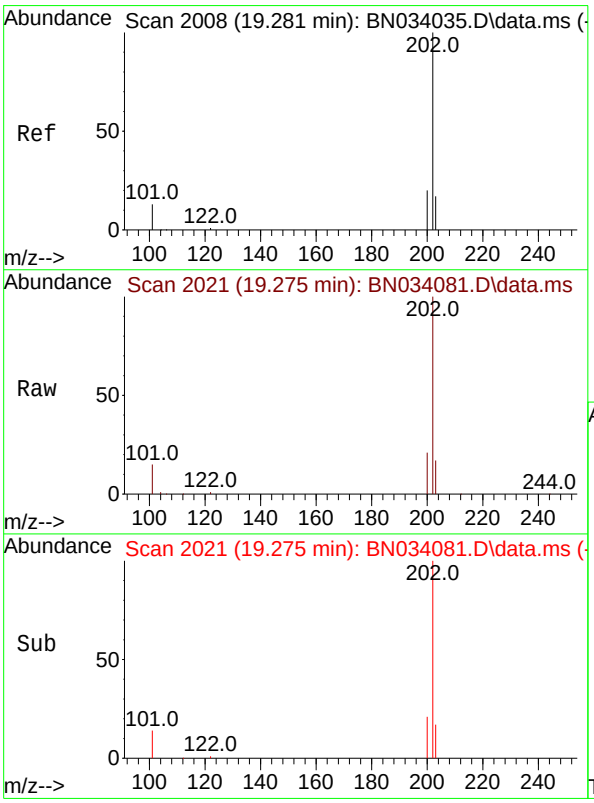
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:240 Resp: 18648

Ion	Ratio	Lower	Upper
240	100		
120	20.6	13.5	20.3#
236	29.6	23.4	35.0

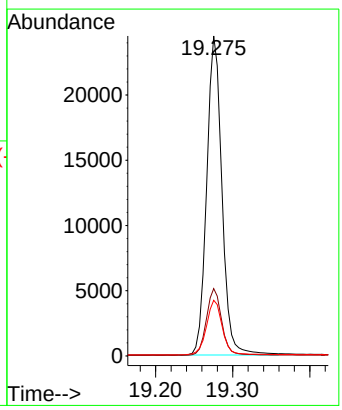


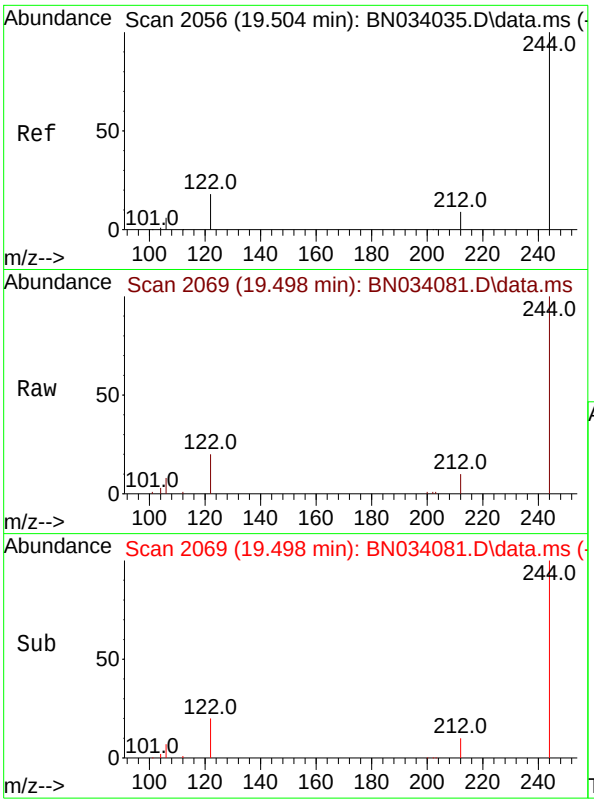


#30
Pyrene
Concen: 0.428 ng
RT: 19.275 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:202 Resp: 33659

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	14.3	21.5



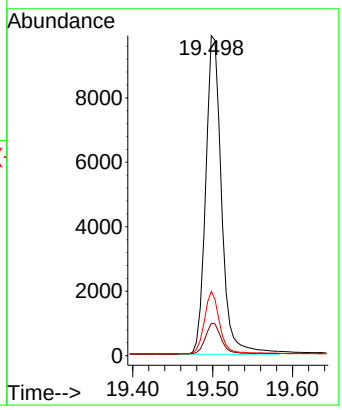


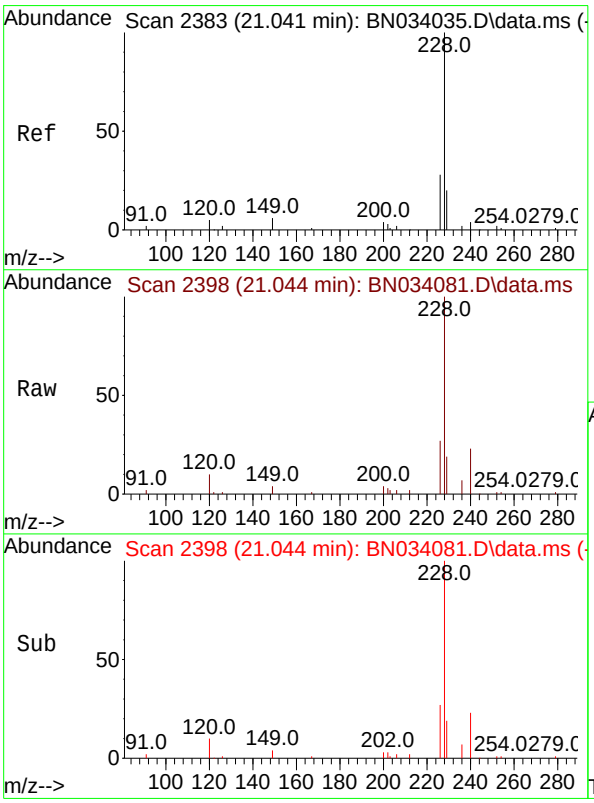
#31
Terphenyl-d14
Concen: 0.366 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:244 Resp: 13631

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.8	11.6
122	20.1	14.8	22.2

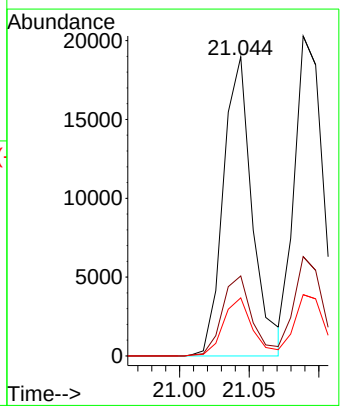


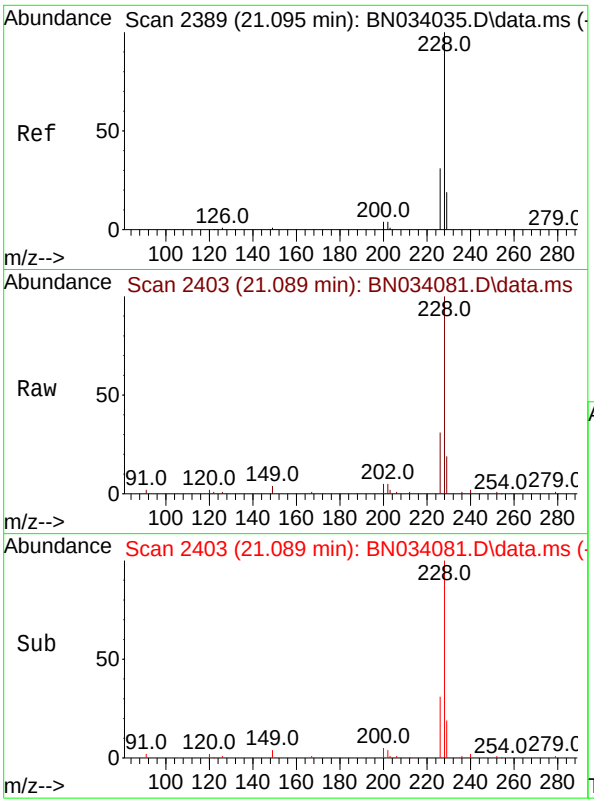


#32
Benzo(a)anthracene
Concen: 0.417 ng
RT: 21.044 min Scan# 2398
Delta R.T. 0.003 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:228 Resp: 24579

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.3	33.5
229	19.4	15.7	23.5



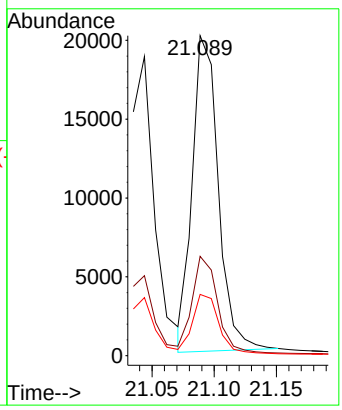


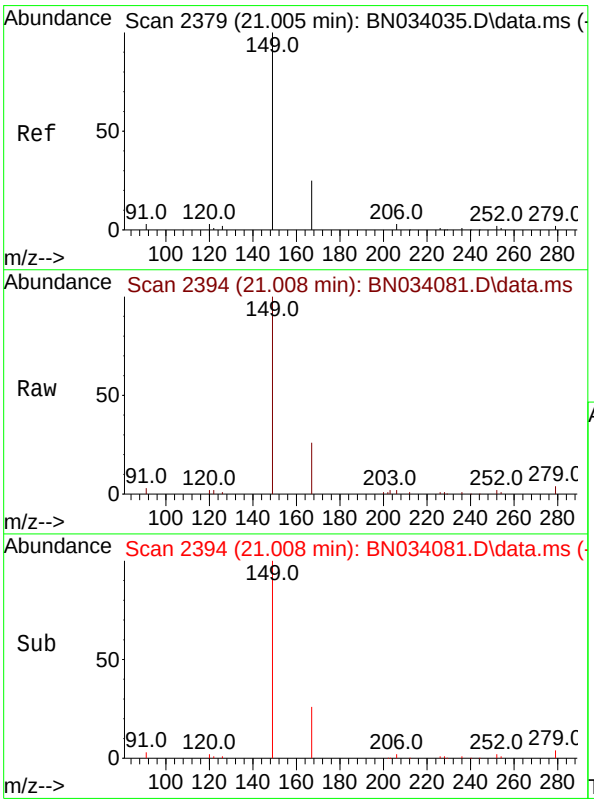
#33
Chrysene
Concen: 0.413 ng
RT: 21.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:228 Resp: 29094

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	19.2	15.5	23.3

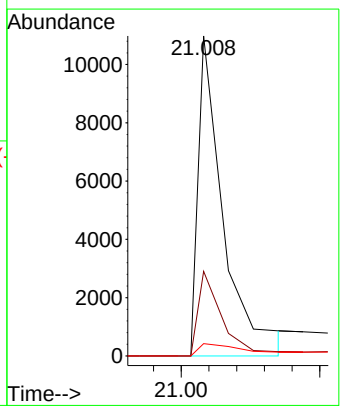


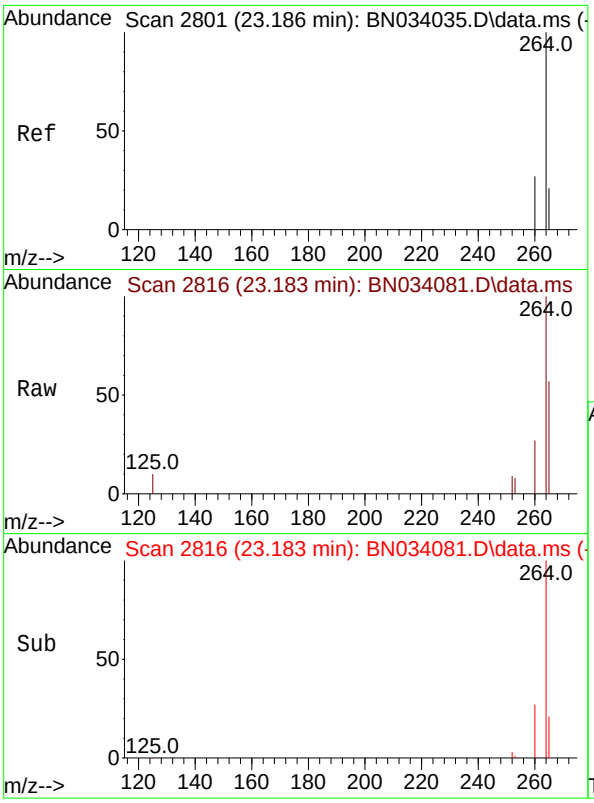


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.277 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:149 Resp: 6809

Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.9	29.9
279	6.6	4.6	6.8



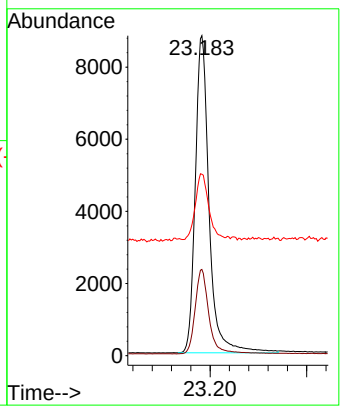


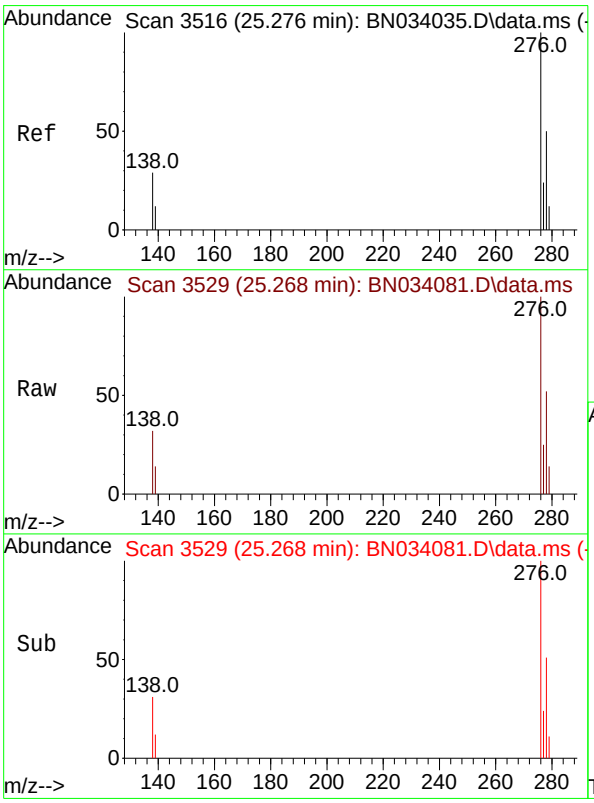
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.183 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:264 Resp: 17461

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.7	32.5
265	56.7	52.1	78.1

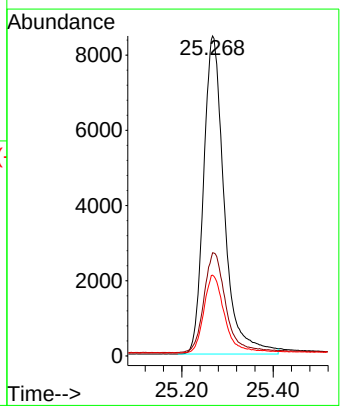


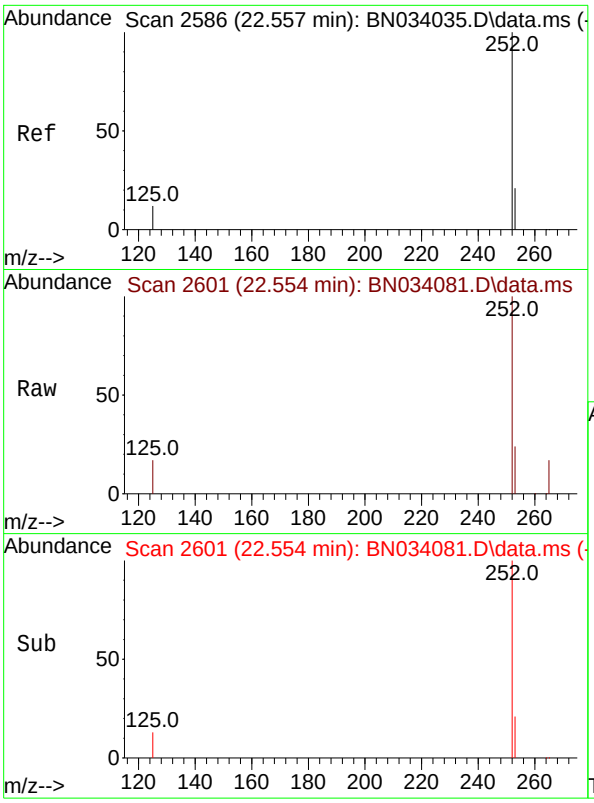


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 25.268 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:276 Resp: 26459

Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.9	38.9
277	24.9	19.7	29.5



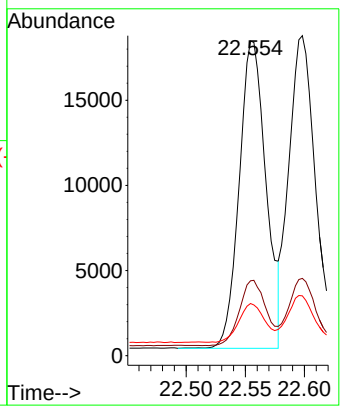


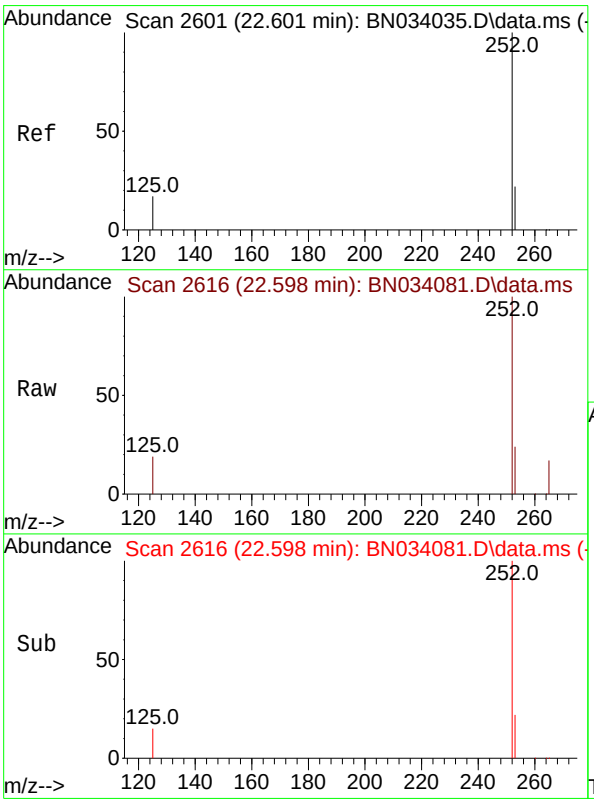
#37
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 22.554 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:252 Resp: 28429

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.6	29.4
125	16.6	13.8	20.8

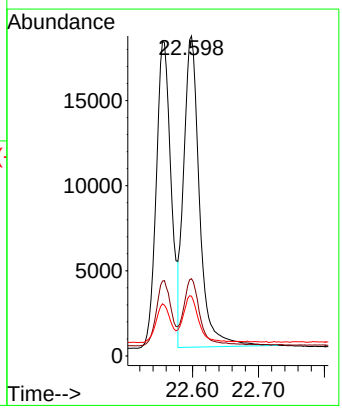


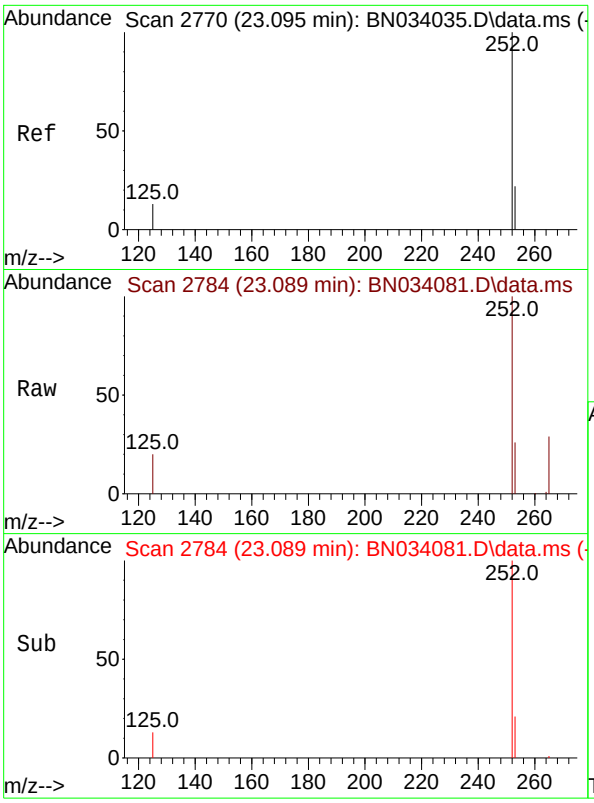


#38
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 22.598 min Scan# 2616
Delta R.T. -0.003 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:252 Resp: 30314

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.1	30.1
125	18.7	16.8	25.2



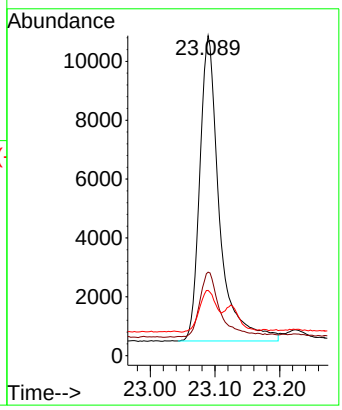


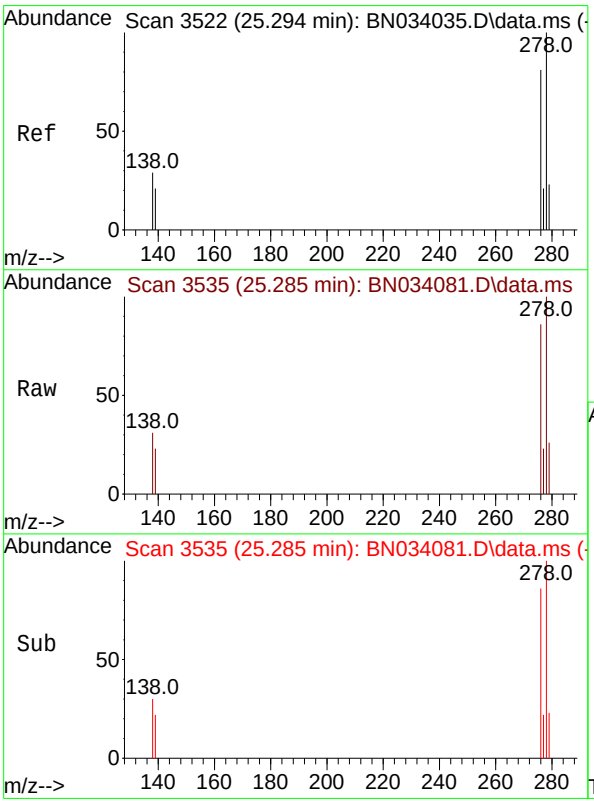
#39
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:252 Resp: 21877

Ion	Ratio	Lower	Upper
252	100		
253	26.1	21.8	32.8
125	20.4	17.5	26.3

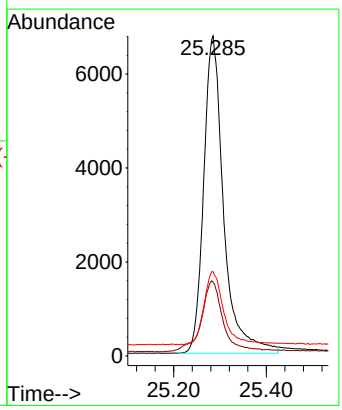


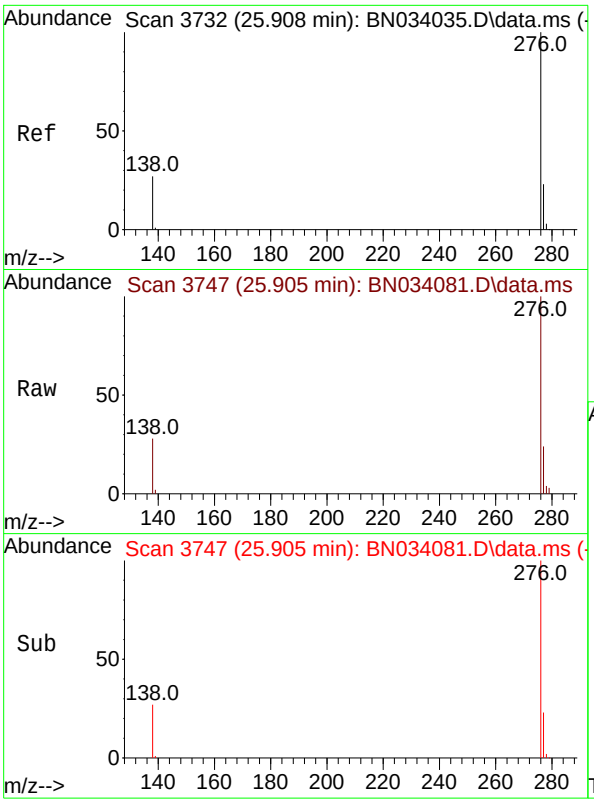


#40
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 25.285 min Scan# 3535
Delta R.T. -0.009 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Tgt Ion:278 Resp: 20177

Ion	Ratio	Lower	Upper
278	100		
139	23.1	17.8	26.8
279	26.4	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.340 ng
RT: 25.905 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN034081.D
Acq: 20 Sep 2024 11:27

Instrument :
BNA_N
ClientSampleId :
PB163408BS

Tgt Ion:276 Resp: 22194

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	28.5	22.6	34.0