Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034121.D
Acq On : 21 Sep 2024 13:02
Operator : JU/RC
Sample : PB163560BSD
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Quant Time: Sep 22 23:58:23 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	6837	0.400	ng		0.00
7) Naphthalene-d8	10.180	136	20423	0.400	ng		#-0.02
13) Acenaphthene-d10	14.072	164	11530	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	25493	0.400	ng		0.00
29) Chrysene-d12	21.053	240	18105	0.400	ng		# 0.00
35) Perylene-d12	23.174	264	15734	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	6391	0.329	ng		0.00
5) Phenol-d6	6.622	99	7443	0.330	ng		-0.01
8) Nitrobenzene-d5	8.568	82	5936	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	11.784	152	11089	0.368	ng		0.00
14) 2,4,6-Tribromophenol	15.579	330	1609	0.308	ng		0.00
15) 2-Fluorobiphenyl	12.683	172	18510	0.395	ng		-0.02
27) Fluoranthene-d10	18.876	212	23278	0.362	ng		-0.01
31) Terphenyl-d14	19.494	244	13574	0.375	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.068	88	3381	0.396	ng		89
3) n-Nitrosodimethylamine	3.372	42	4327	0.445	ng	#	83
6) bis(2-Chloroethyl)ether	6.874	93	7651	0.383	ng		97
9) Naphthalene	10.233	128	22066	0.394	ng		99
10) Hexachlorobutadiene	10.522	225	4234	0.401	ng	#	99
12) 2-Methylnaphthalene	11.859	142	14262	0.391	ng		98
16) Acenaphthylene	13.784	152	19374	0.393	ng		100
17) Acenaphthene	14.137	154	14391	0.407	ng		100
18) Fluorene	15.131	166	18771	0.404	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	1275	0.407	ng	#	63
21) 4-Bromophenyl-phenylether	16.039	248	5645	0.394	ng		98
22) Hexachlorobenzene	16.138	284	6487	0.404	ng		96
23) Atrazine	16.324	200	4170	0.351	ng		100
24) Pentachlorophenol	16.486	266	1830	0.344	ng		99
25) Phenanthrene	16.870	178	29571	0.404	ng		100
26) Anthracene	16.957	178	23738	0.397	ng		99
28) Fluoranthene	18.904	202	33124	0.391	ng		100
30) Pyrene	19.271	202	33658	0.440	ng		100
32) Benzo(a)anthracene	21.035	228	23332	0.407	ng		99
33) Chrysene	21.089	228	28714	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	2672	0.112	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.256	276	23775	0.353	ng		99
37) Benzo(b)fluoranthene	22.546	252	24731	0.401	ng		99
38) Benzo(k)fluoranthene	22.589	252	28671	0.443	ng		99
39) Benzo(a)pyrene	23.081	252	20047	0.399	ng		98
40) Dibenzo(a,h)anthracene	25.273	278	17933	0.342	ng		99
41) Benzo(g,h,i)perylene	25.884	276	19531	0.332	ng		99

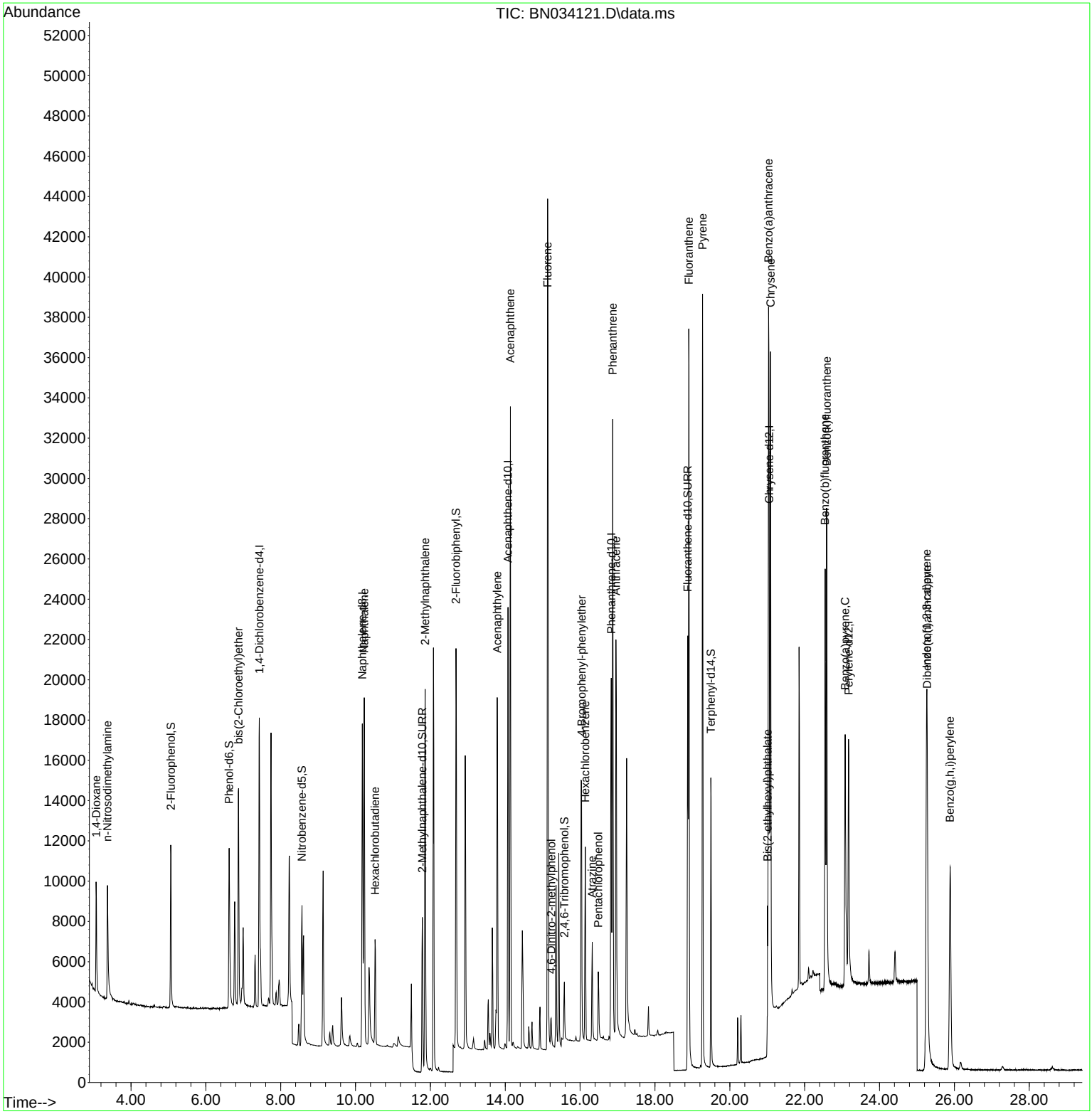
(#) = qualifier out of range (m) = manual integration (+) = signals summed

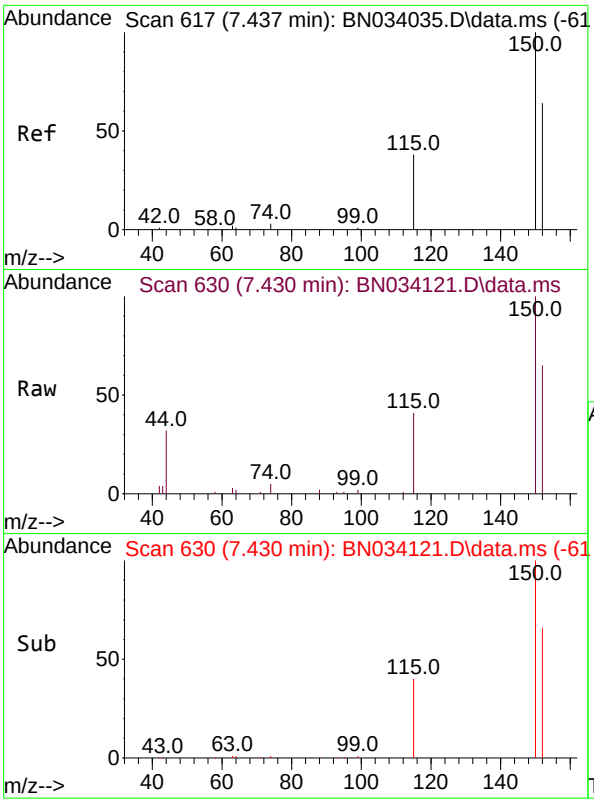
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034121.D
Acq On : 21 Sep 2024 13:02
Operator : JU/RC
Sample : PB163560BSD
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Quant Time: Sep 22 23:58:23 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



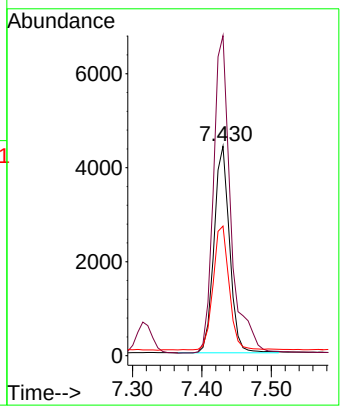


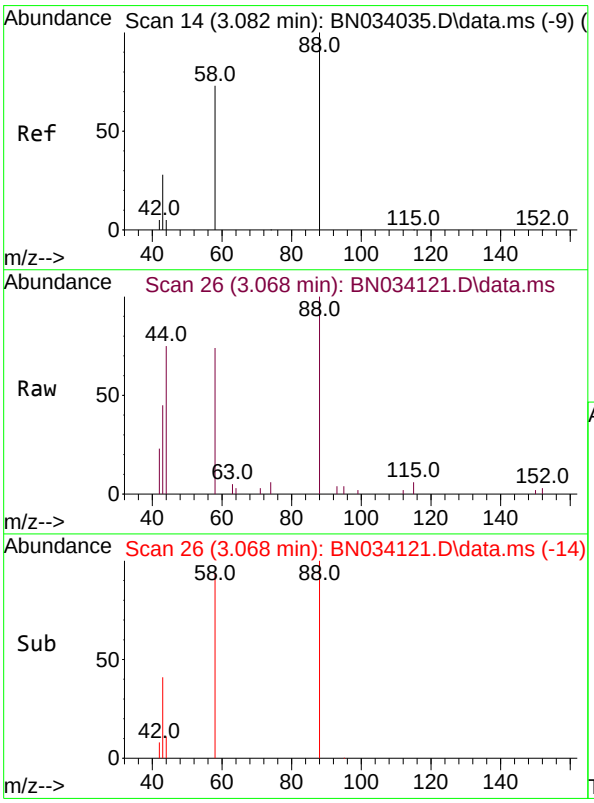
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:152 Resp: 6837

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	187.0
115	61.9	50.0	75.0

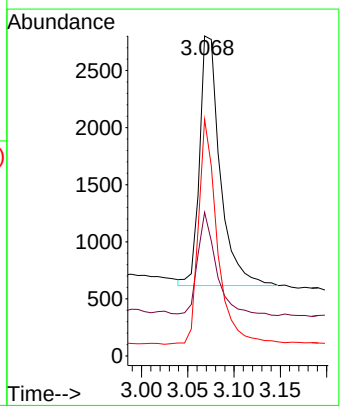


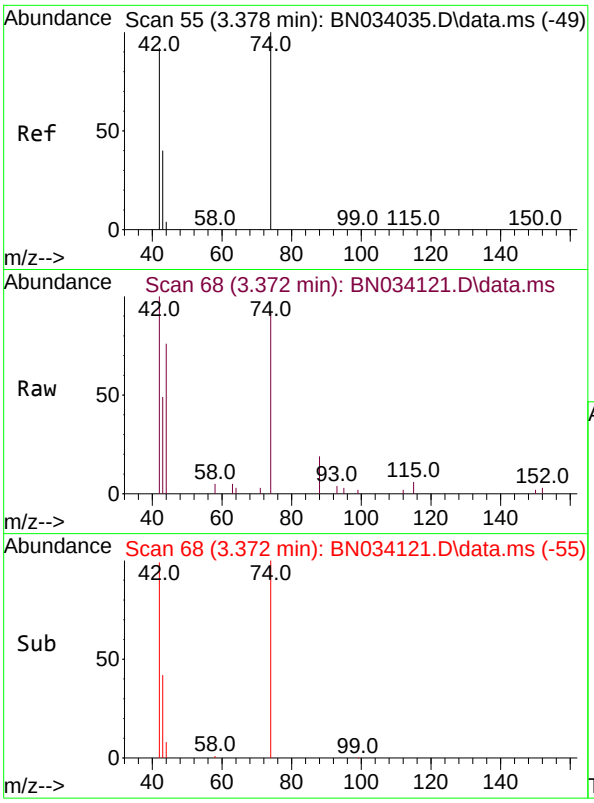


#2
1,4-Dioxane
Concen: 0.396 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion: 88 Resp: 3381

Ion	Ratio	Lower	Upper
88	100		
43	38.1	25.8	38.8
58	82.6	58.8	88.2



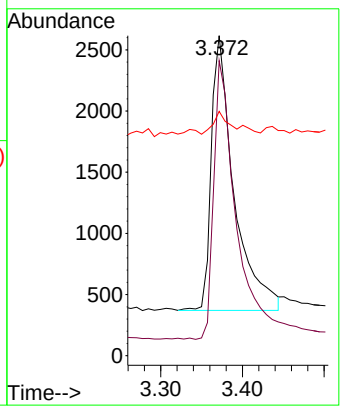


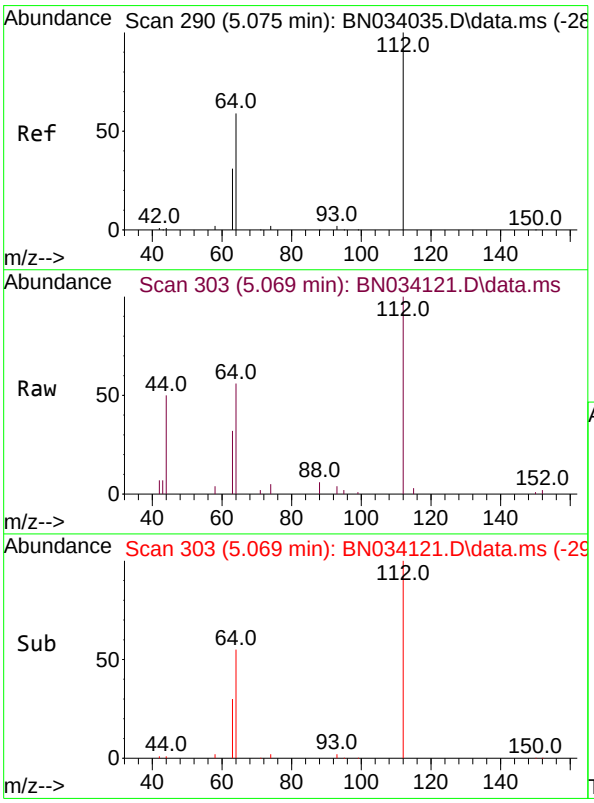
#3
n-Nitrosodimethylamine
Concen: 0.445 ng
RT: 3.372 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion: 42 Resp: 4327

Ion	Ratio	Lower	Upper
42	100		
74	99.7	94.6	142.0
44	6.8	12.4	18.6#

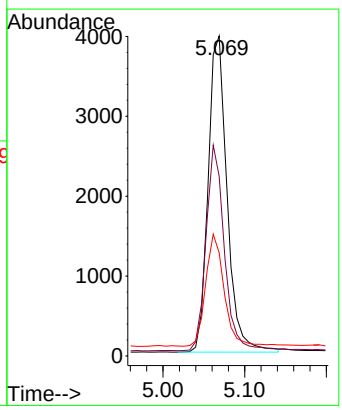


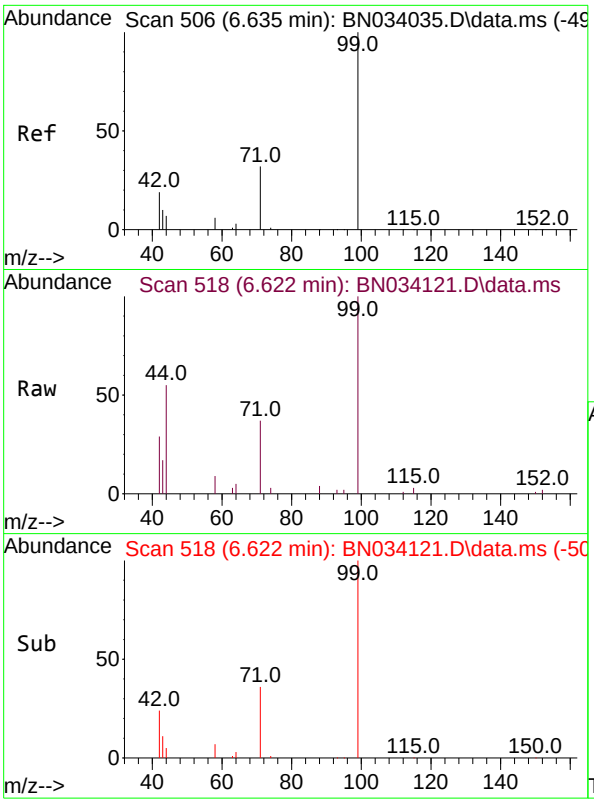


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:112 Resp: 6391

Ion	Ratio	Lower	Upper
112	100		
64	62.9	48.6	72.8
63	34.6	25.6	38.4



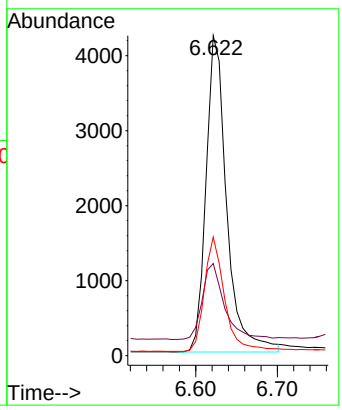


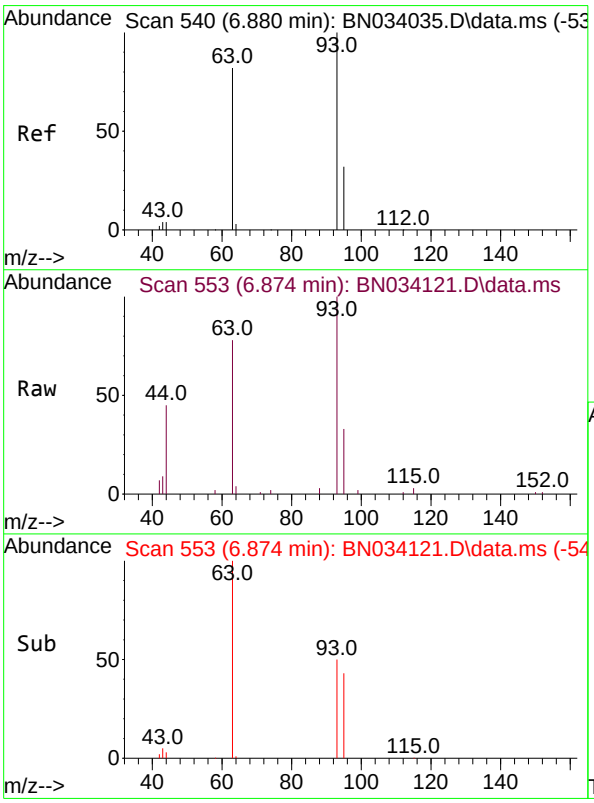
#5
Phenol-d6
Concen: 0.330 ng
RT: 6.622 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion: 99 Resp: 7443

Ion	Ratio	Lower	Upper
99	100		
42	25.8	17.8	26.8
71	35.5	26.2	39.2

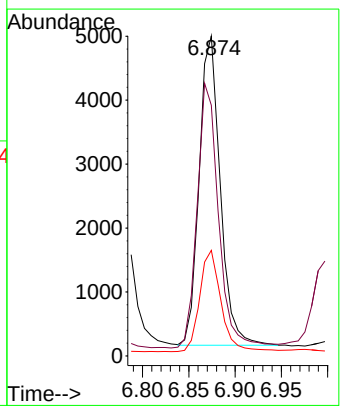


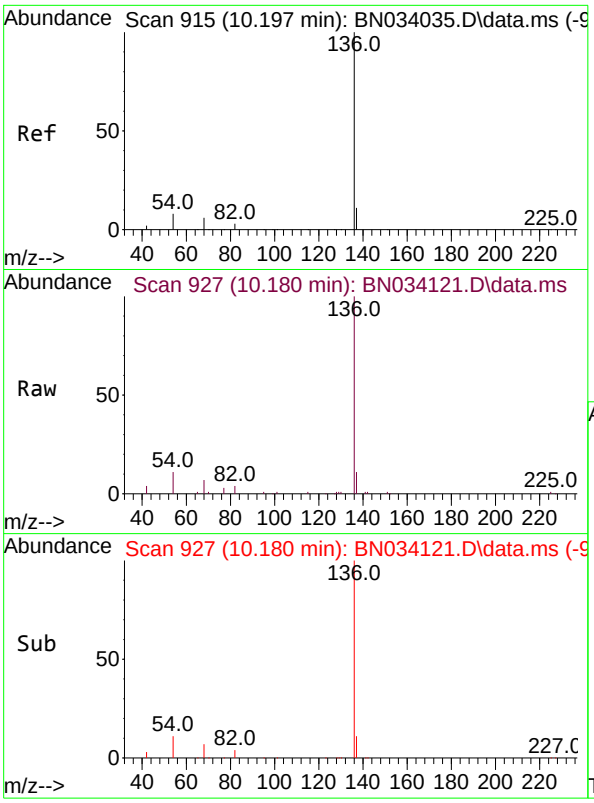


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 6.874 min Scan# 553
Delta R.T. -0.006 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion: 93 Resp: 7651

Ion	Ratio	Lower	Upper
93	100		
63	87.3	67.3	100.9
95	33.3	26.8	40.2



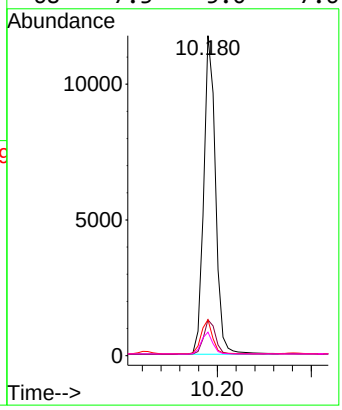


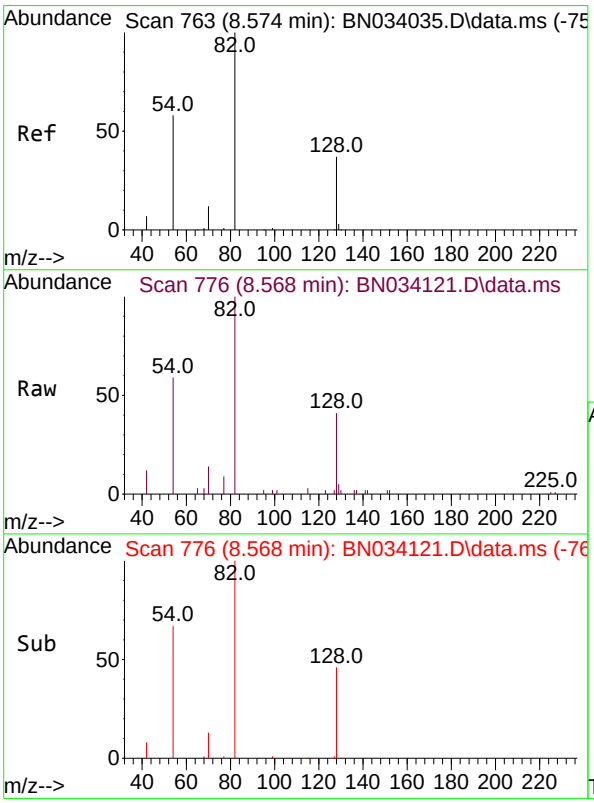
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 9
Delta R.T. -0.017 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:136 Resp: 20423

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.3	6.8	10.2#
68	7.3	5.0	7.6

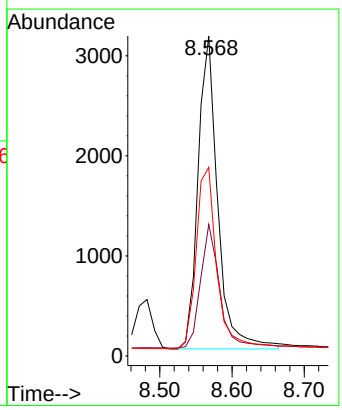


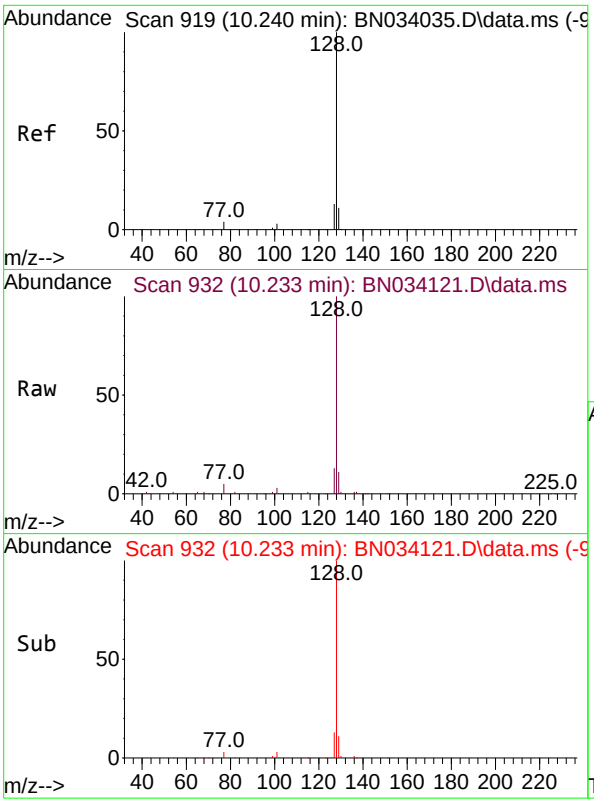


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion: 82 Resp: 5936

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.4	47.2
54	59.0	47.4	71.0



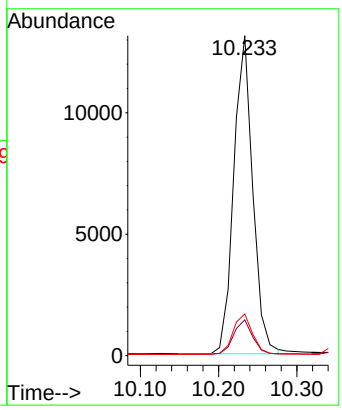


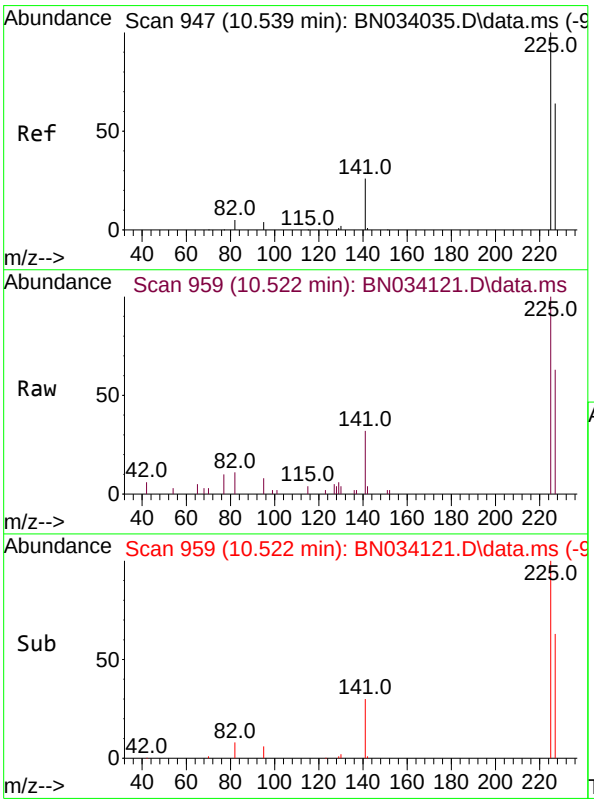
#9
Naphthalene
Concen: 0.394 ng
RT: 10.233 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:128 Resp: 22066

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.1	10.7	16.1

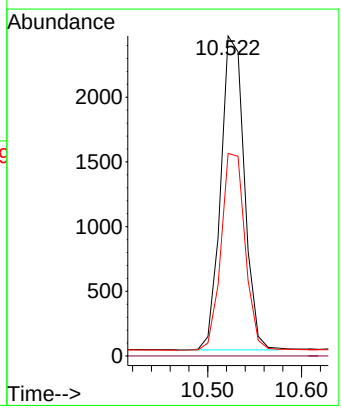


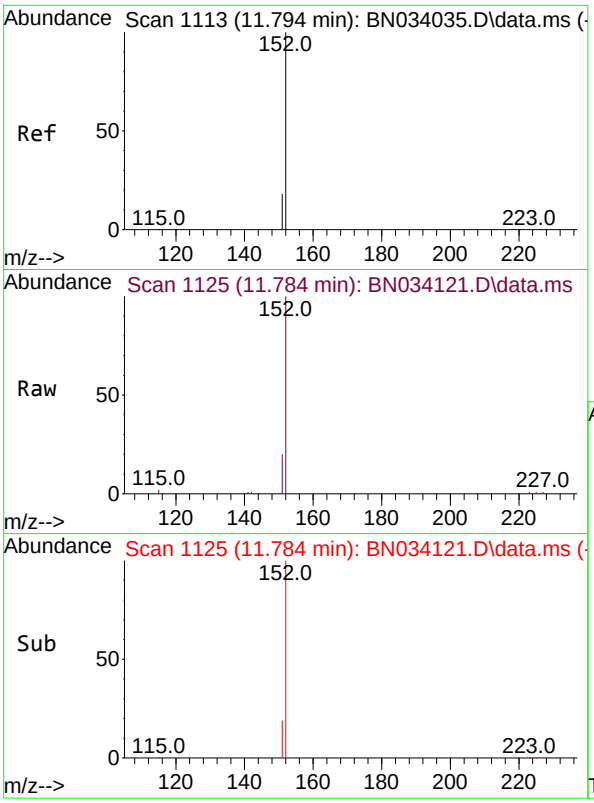


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.522 min Scan# 959
Delta R.T. -0.017 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:225 Resp: 4234

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.5	75.7



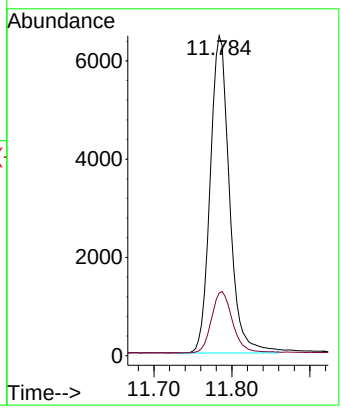


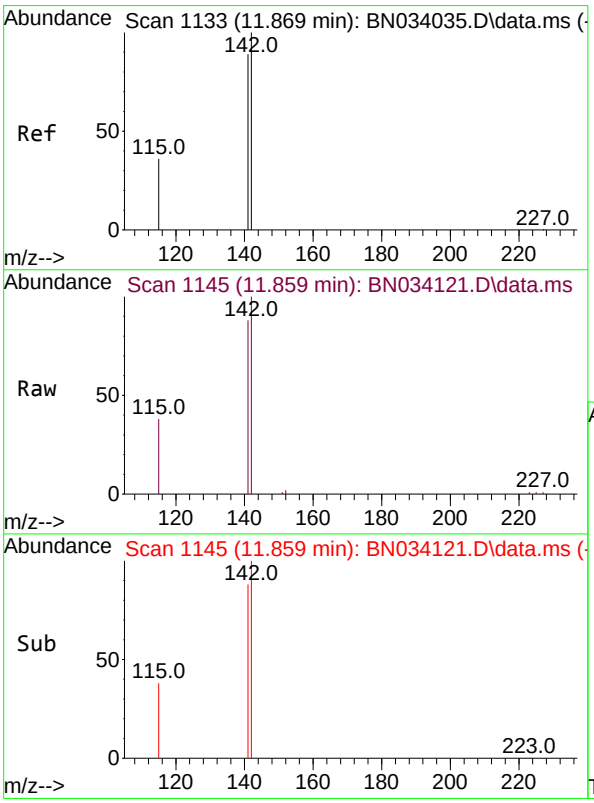
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.784 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:152 Resp: 11089

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2

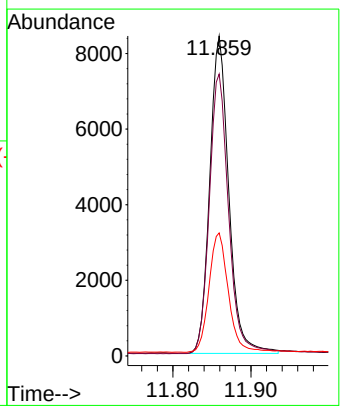


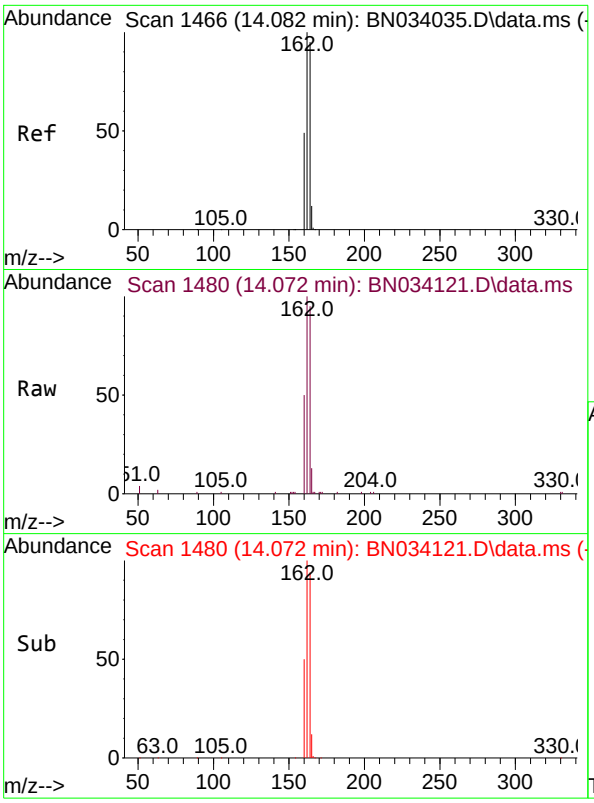


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 11.859 min Scan# 1145
Delta R.T. -0.010 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:142 Resp: 14262

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	38.4	30.0	45.0



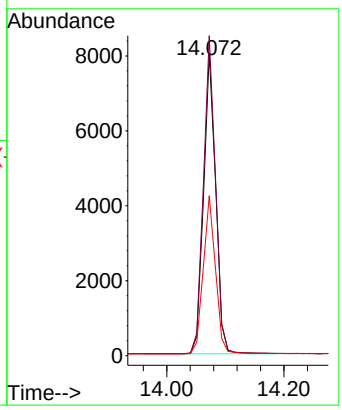


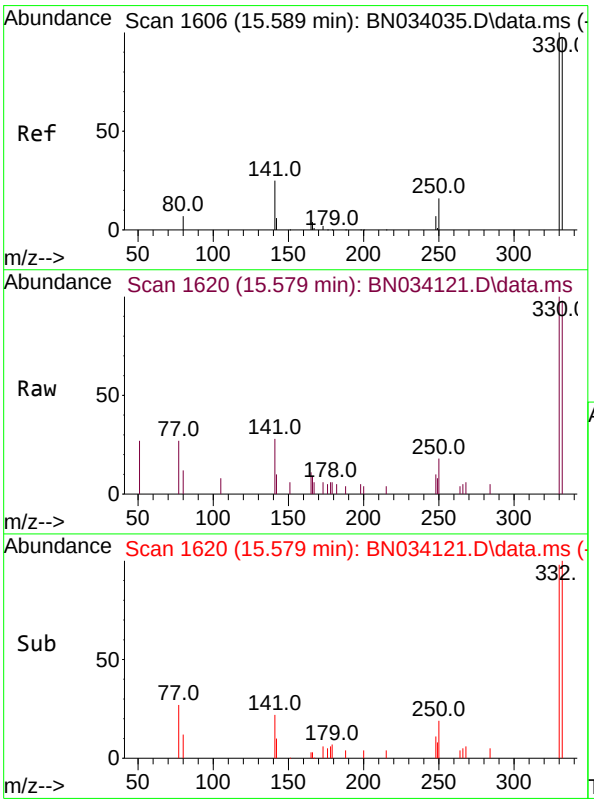
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:164 Resp: 11530

Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.2	126.2
160	52.9	41.7	62.5

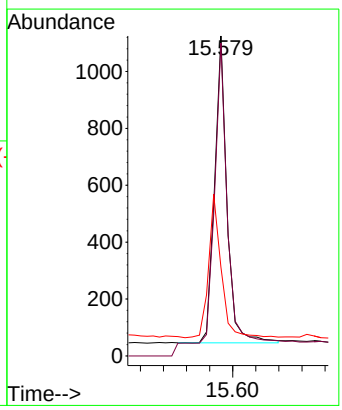


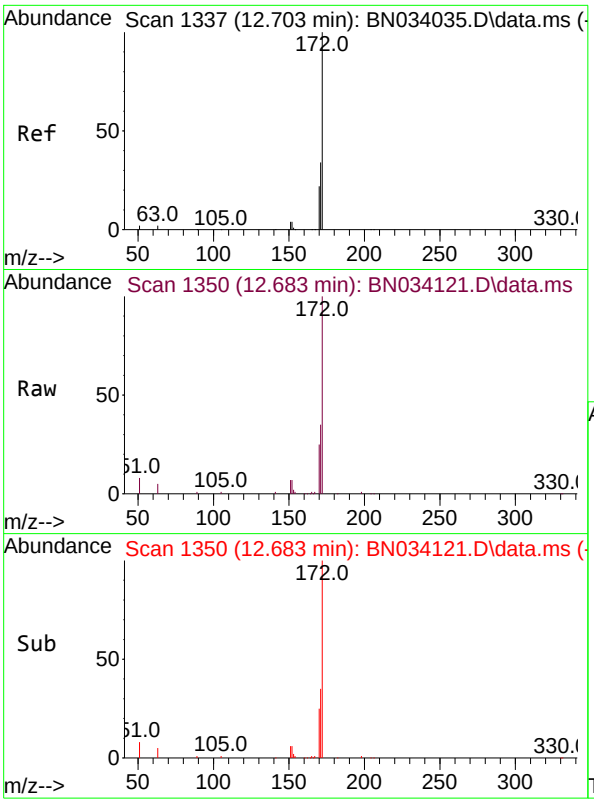


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.579 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:330 Resp: 1609

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	47.5	35.9	53.9



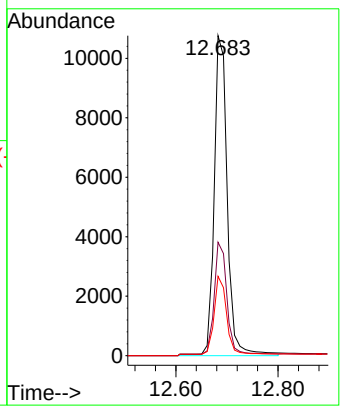


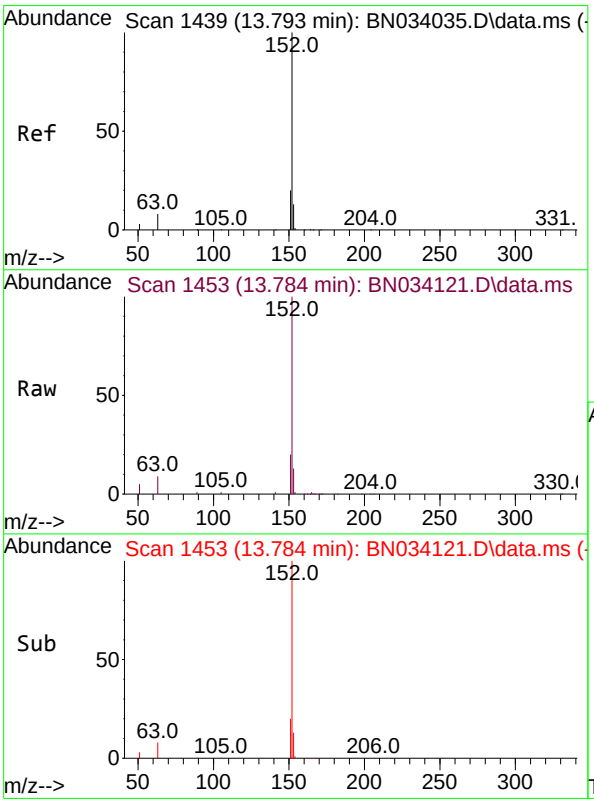
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.683 min Scan# 1
Delta R.T. -0.020 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:172 Resp: 18510

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	24.8	18.1	27.1

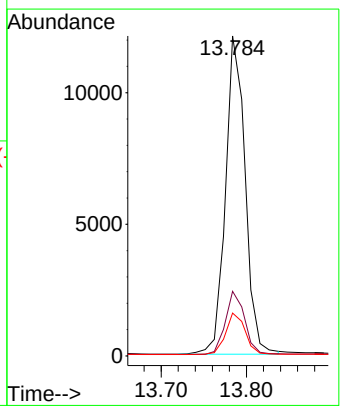


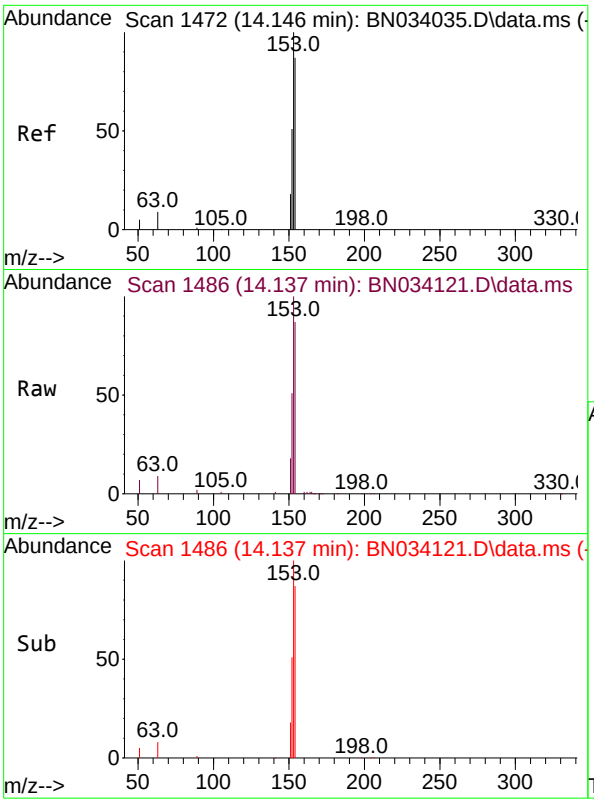


#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.784 min Scan# 1453
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:152 Resp: 19374

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.3	15.5



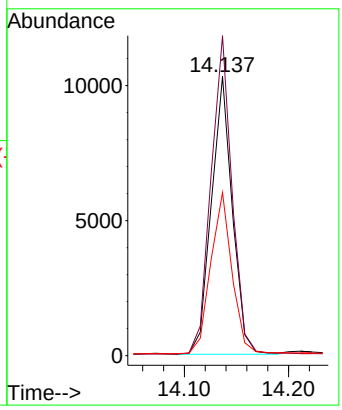


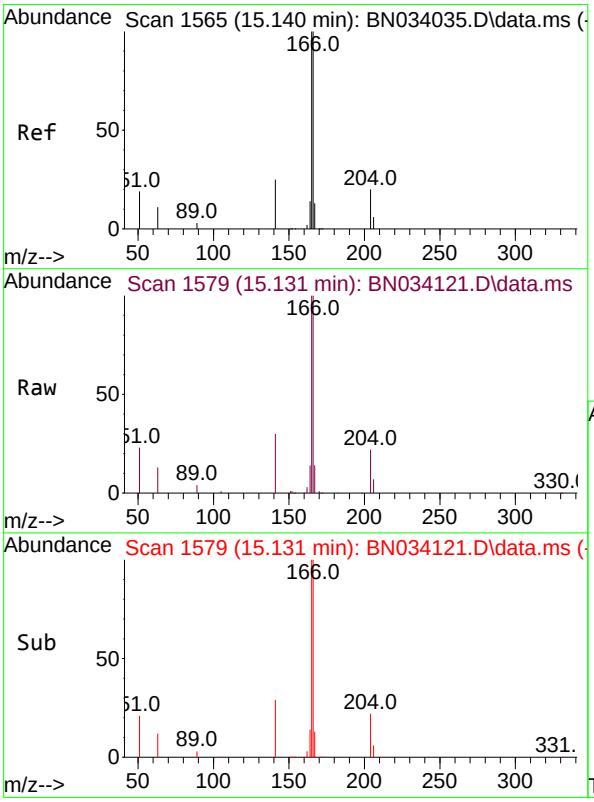
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.137 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:154 Resp: 14391

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.6	137.4
152	59.0	47.4	71.2

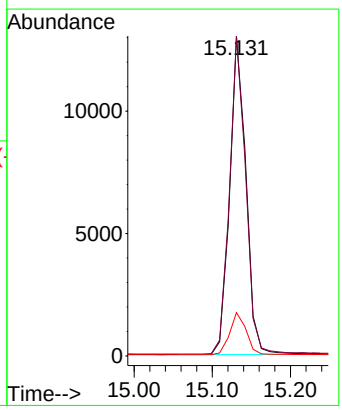


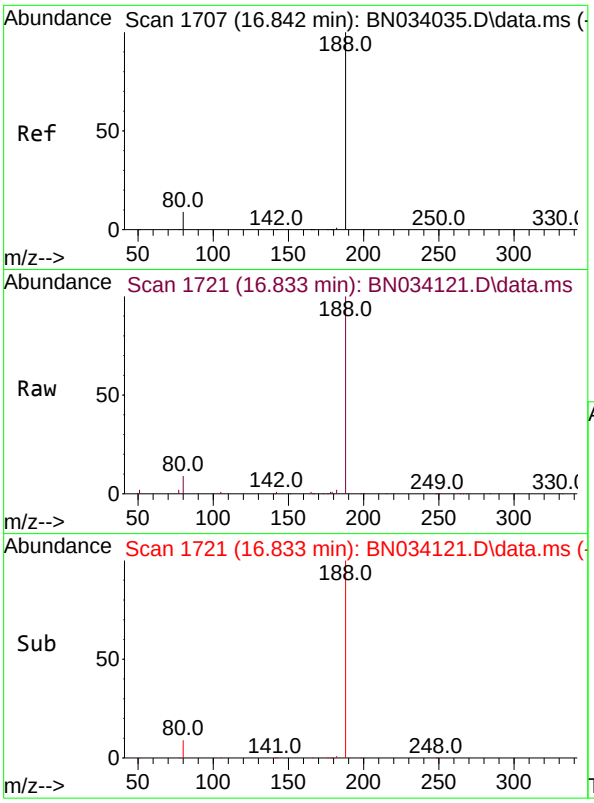


#18
Fluorene
Concen: 0.404 ng
RT: 15.131 min Scan# 1579
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:166 Resp: 18771

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	13.4	10.6	15.8



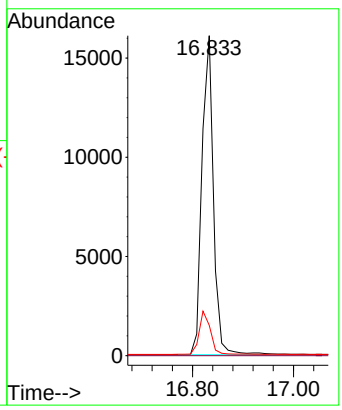


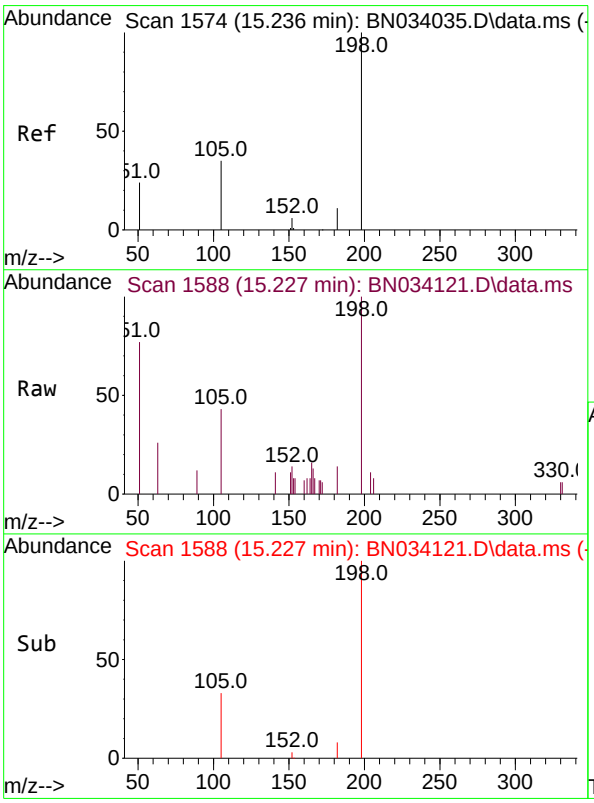
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:188 Resp: 25493

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.0

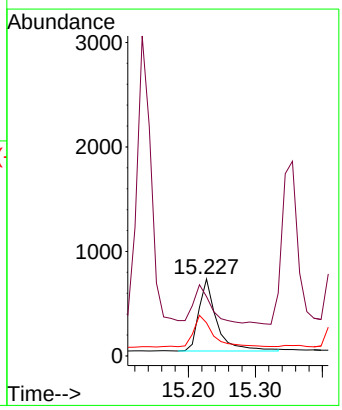


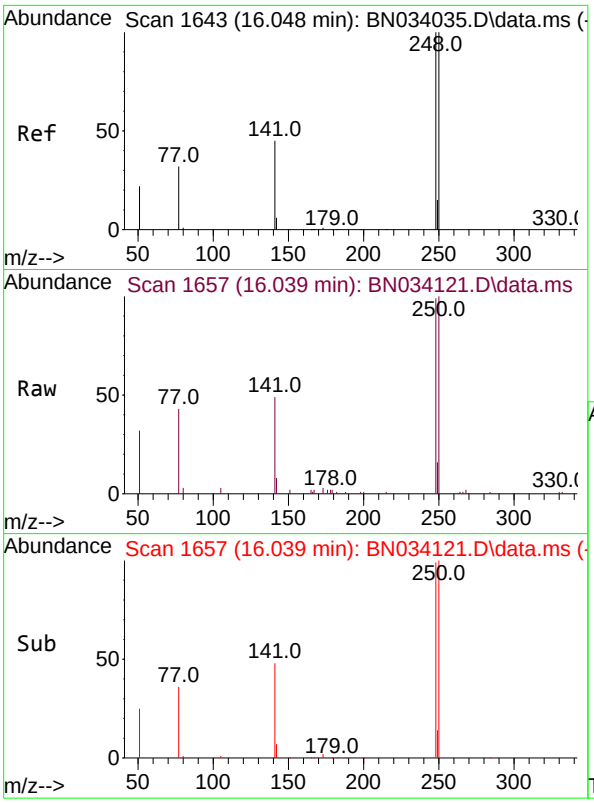


#20
4,6-Dinitro-2-methylphenol
Concen: 0.407 ng
RT: 15.227 min Scan# 1588
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:198 Resp: 1275

Ion	Ratio	Lower	Upper
198	100		
51	77.2	106.4	159.6#
105	43.1	38.5	57.7



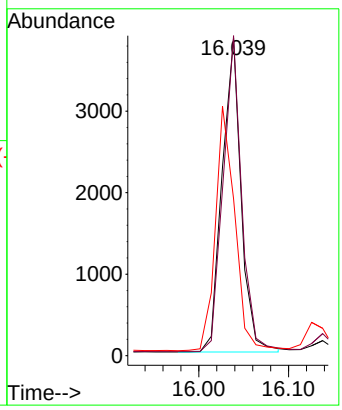


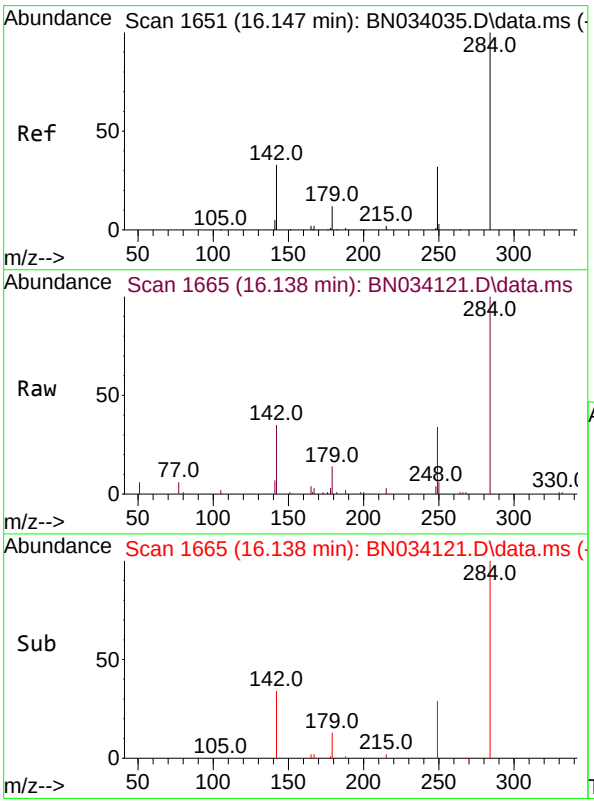
#21
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.039 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:248 Resp: 5645

Ion	Ratio	Lower	Upper
248	100		
250	100.7	80.5	120.7
141	49.4	37.1	55.7

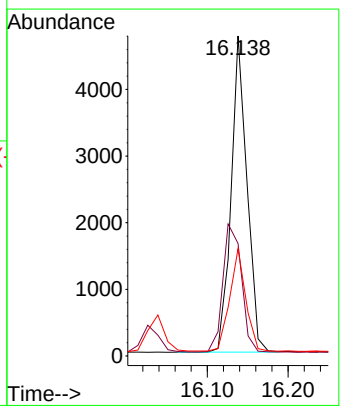


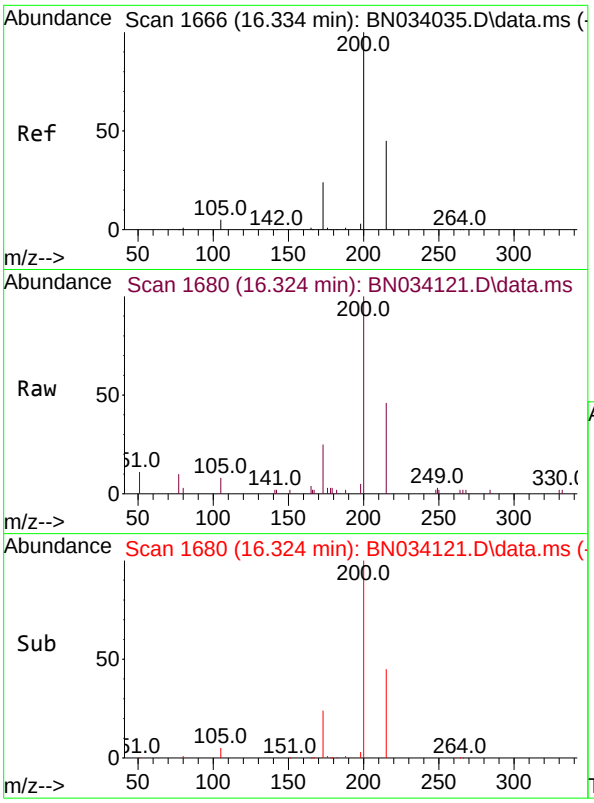


#22
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.138 min Scan# 1665
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:284 Resp: 6487

Ion	Ratio	Lower	Upper
284	100		
142	47.3	34.5	51.7
249	32.7	25.8	38.6



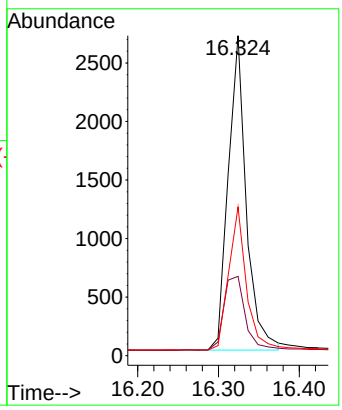


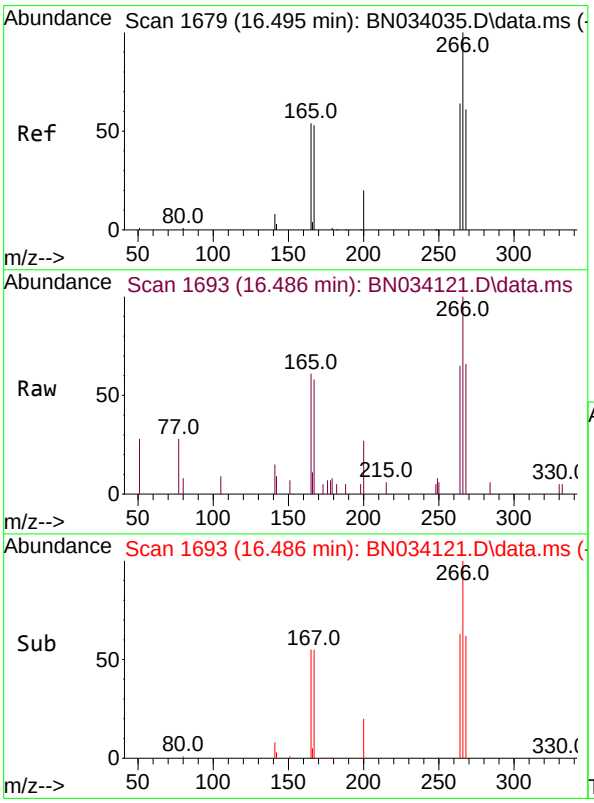
#23
Atrazine
Concen: 0.351 ng
RT: 16.324 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:200 Resp: 4170

Ion	Ratio	Lower	Upper
200	100		
173	24.8	20.1	30.1
215	46.5	37.0	55.6

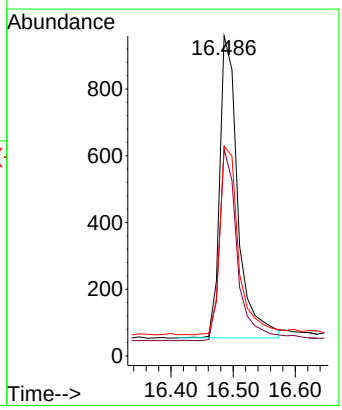


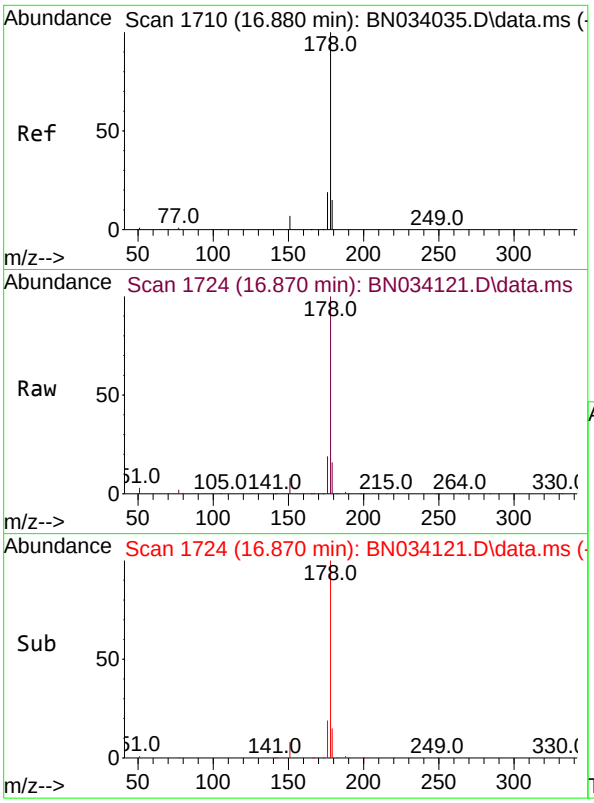


#24
Pentachlorophenol
Concen: 0.344 ng
RT: 16.486 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:266 Resp: 1830

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.2	75.2
268	65.2	51.0	76.4



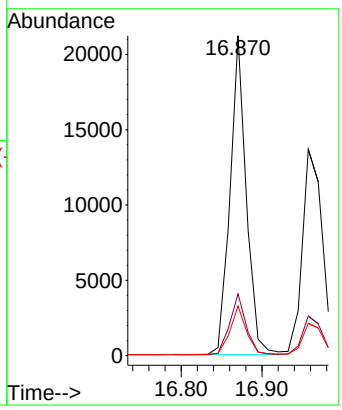


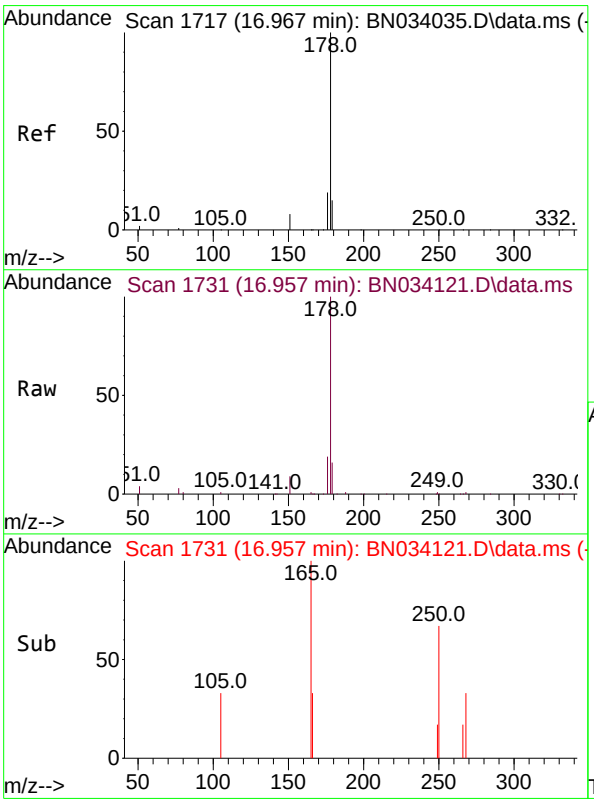
#25
Phenanthrene
Concen: 0.404 ng
RT: 16.870 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:178 Resp: 29571

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.1	18.1

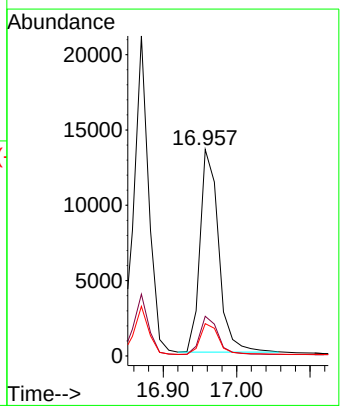


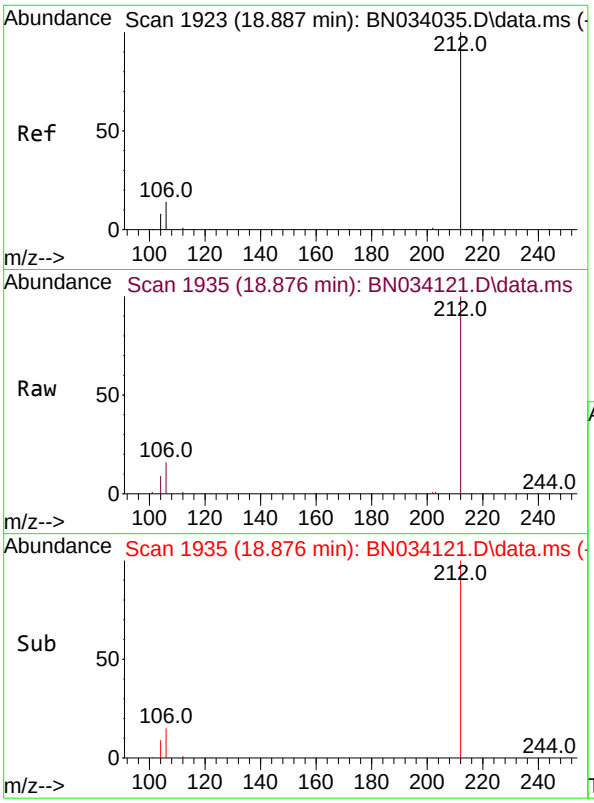


#26
Anthracene
Concen: 0.397 ng
RT: 16.957 min Scan# 1731
Delta R.T. -0.009 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:178 Resp: 23738

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.2	12.2	18.4



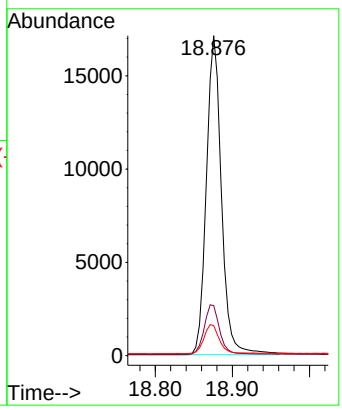


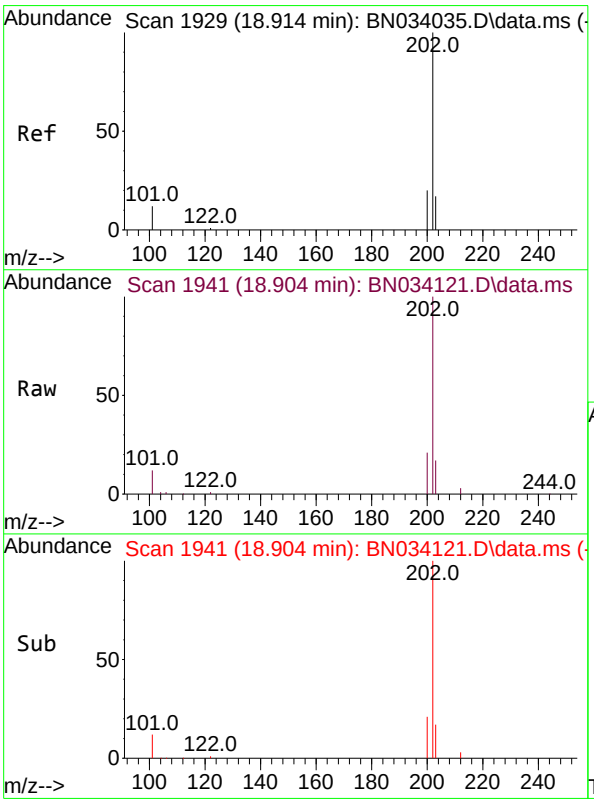
#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 18.876 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:212 Resp: 23278

Ion	Ratio	Lower	Upper
212	100		
106	16.2	13.4	20.2
104	9.3	7.8	11.6

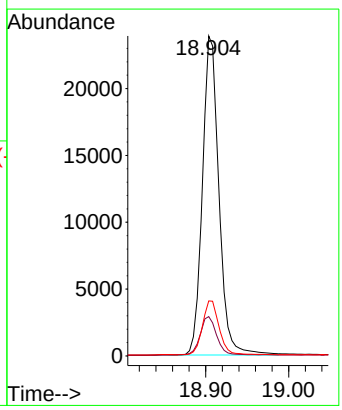


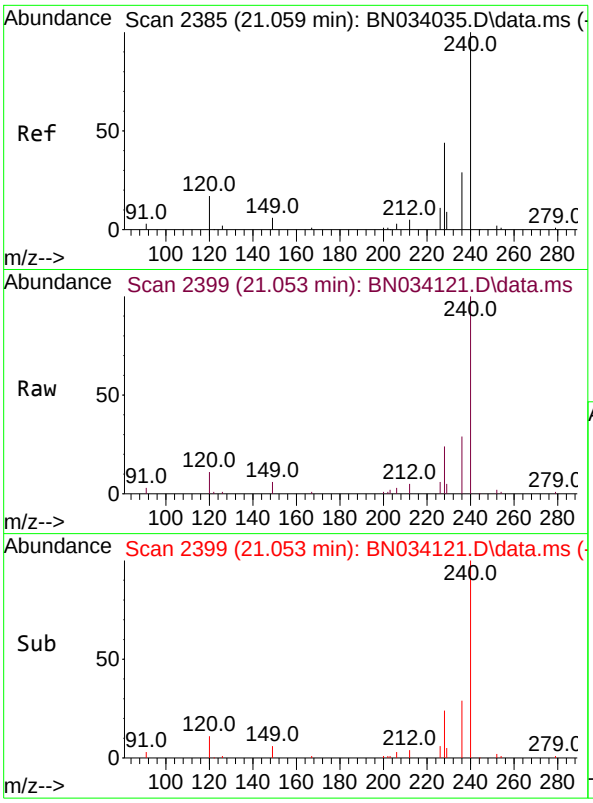


#28
Fluoranthene
Concen: 0.391 ng
RT: 18.904 min Scan# 1941
Delta R.T. -0.011 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:202 Resp: 33124

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.1	15.1
203	17.0	13.6	20.4



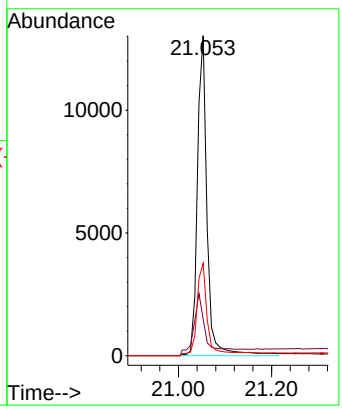


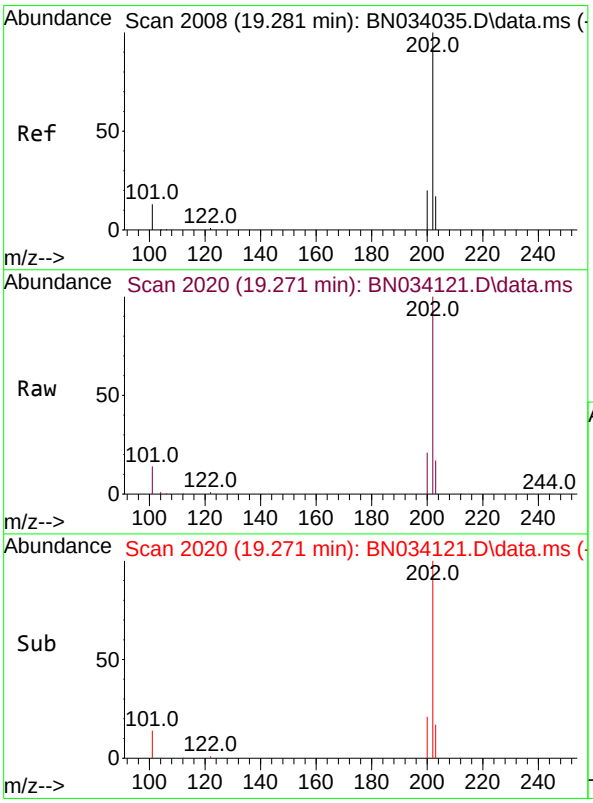
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:240 Resp: 18105

Ion	Ratio	Lower	Upper
240	100		
120	11.4	13.5	20.3#
236	28.8	23.4	35.0

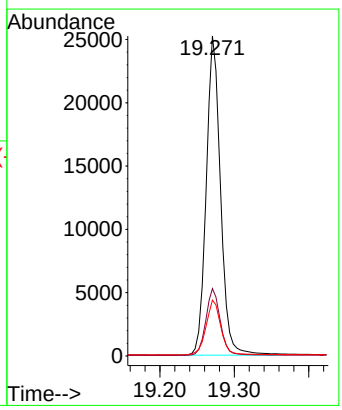


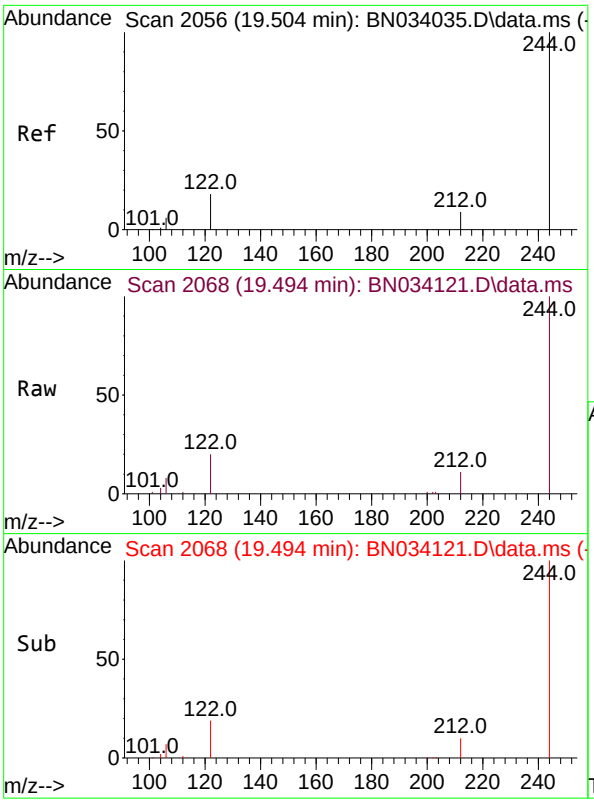


#30
Pyrene
Concen: 0.440 ng
RT: 19.271 min Scan# 2020
Delta R.T. -0.011 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:202 Resp: 33658

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.7	14.3	21.5



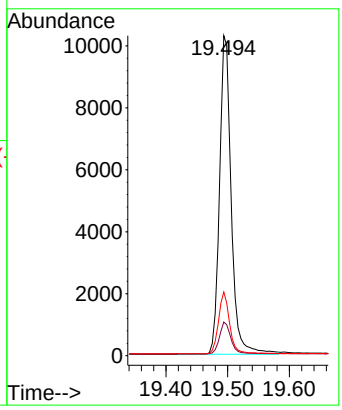


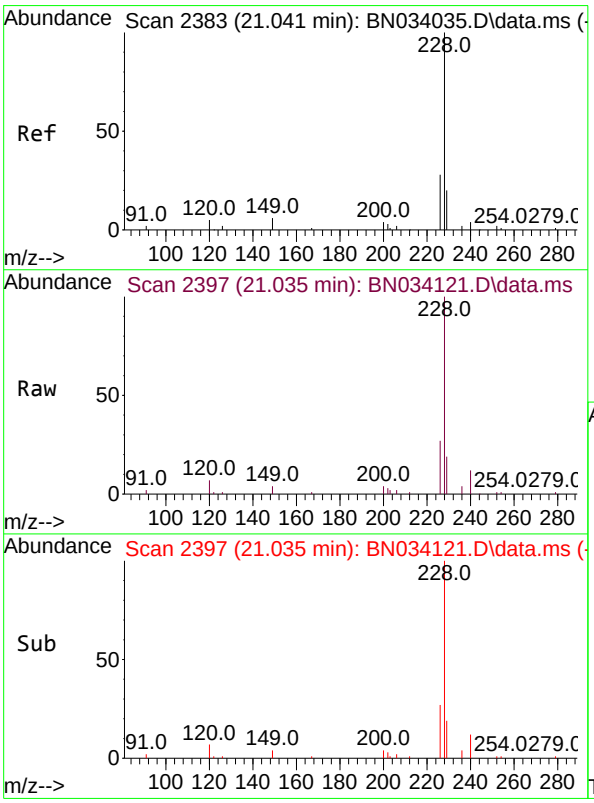
#31
Terphenyl-d14
Concen: 0.375 ng
RT: 19.494 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:244 Resp: 13574

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.8	11.6
122	19.9	14.8	22.2

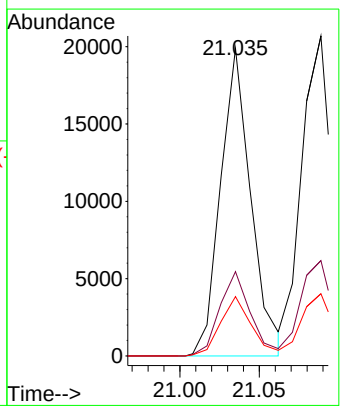


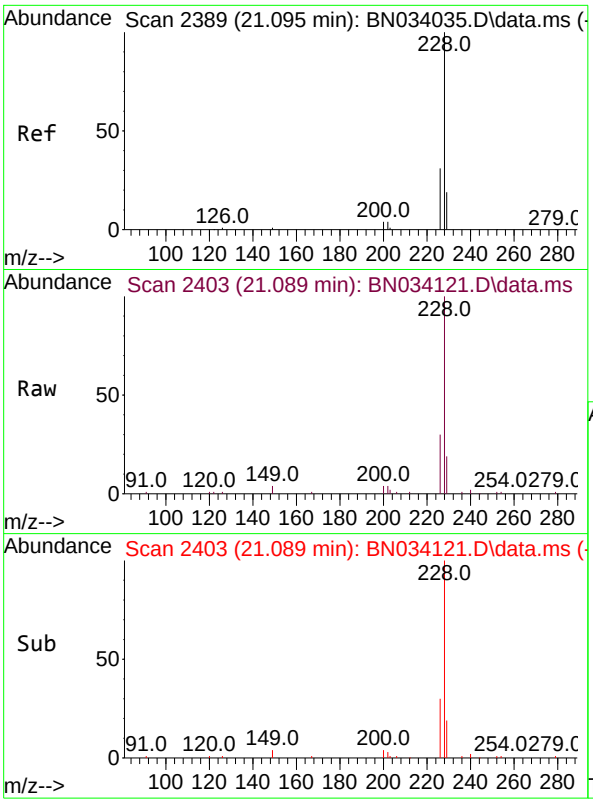


#32
Benzo(a)anthracene
Concen: 0.407 ng
RT: 21.035 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:228 Resp: 23332

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.3	15.7	23.5



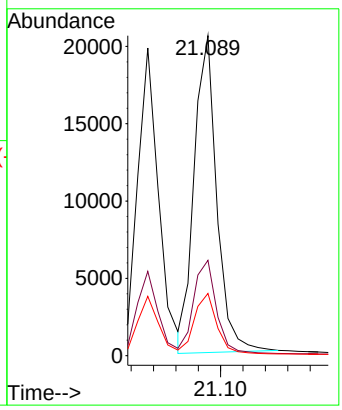


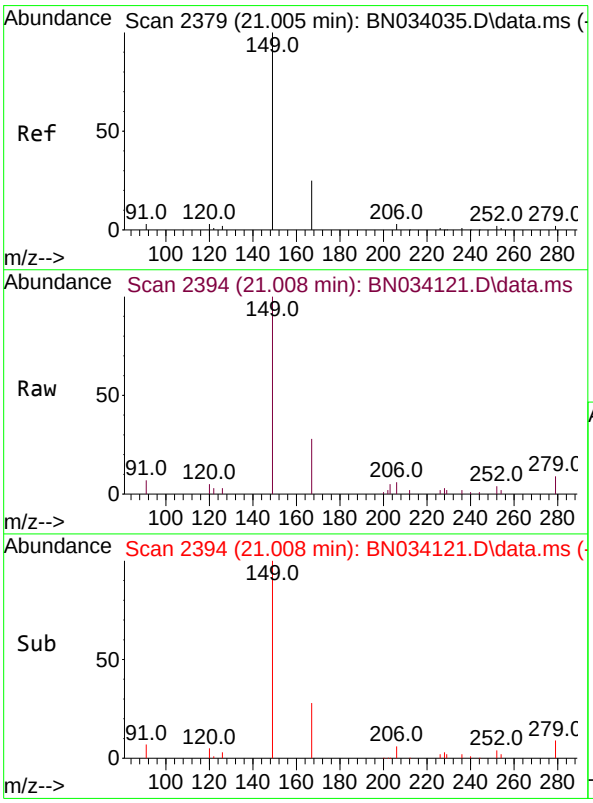
#33
Chrysene
Concen: 0.420 ng
RT: 21.089 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:228 Resp: 28714

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	19.5	15.5	23.3

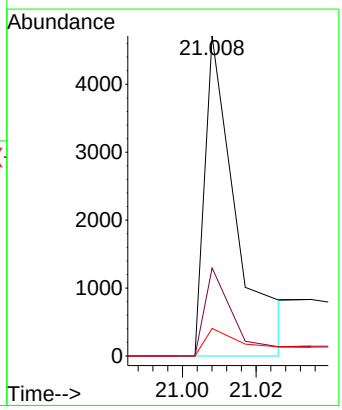


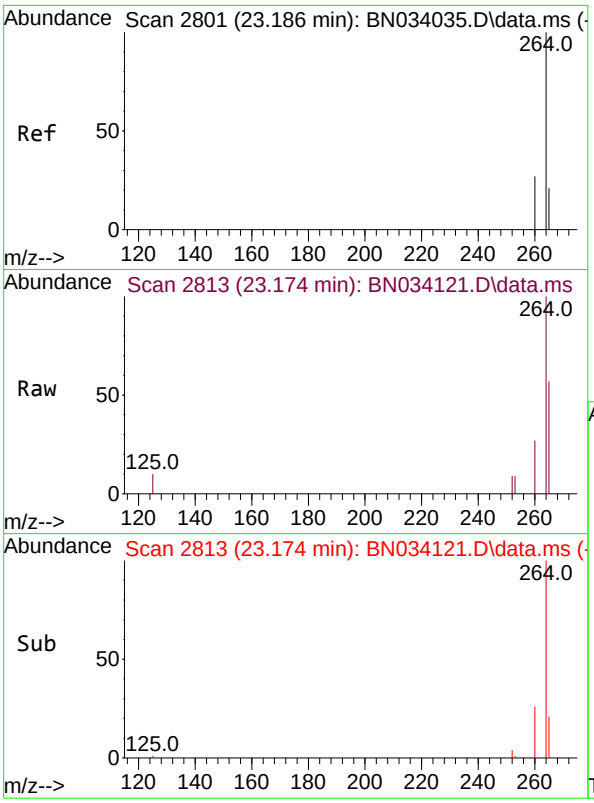


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:149 Resp: 2672

Ion	Ratio	Lower	Upper
149	100		
167	25.2	19.9	29.9
279	13.7	4.6	6.8#



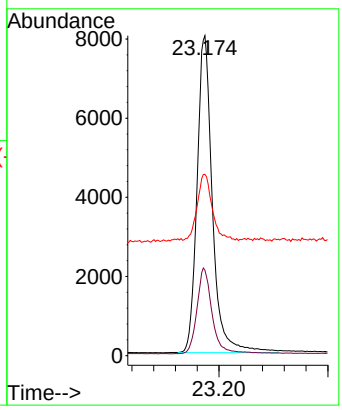


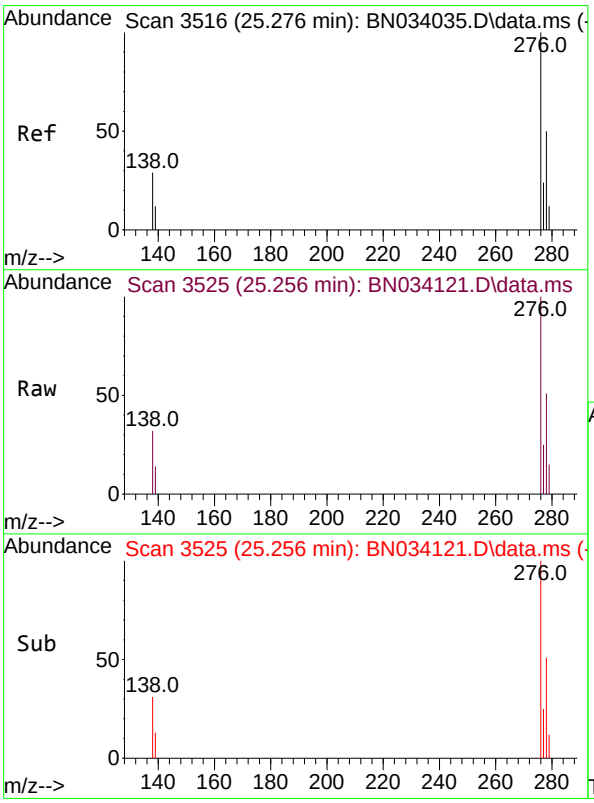
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.174 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:264 Resp: 15734

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.7	32.5
265	56.6	52.1	78.1

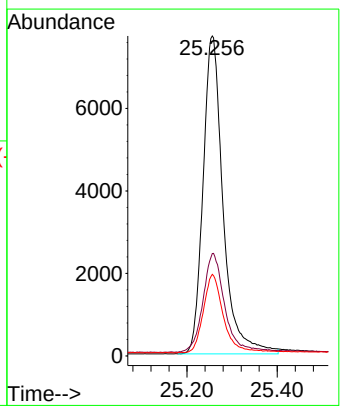


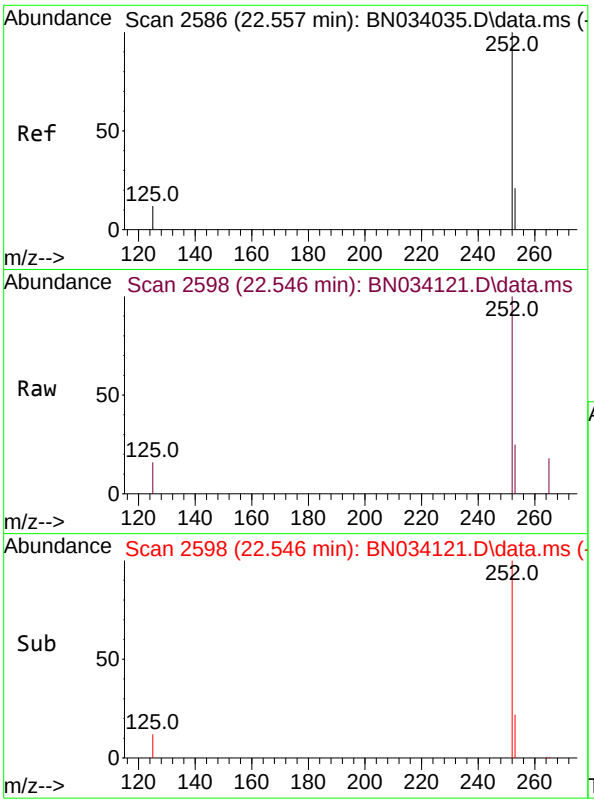


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng
RT: 25.256 min Scan# 3525
Delta R.T. -0.020 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:276 Resp: 23775

Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.9	38.9
277	24.3	19.7	29.5



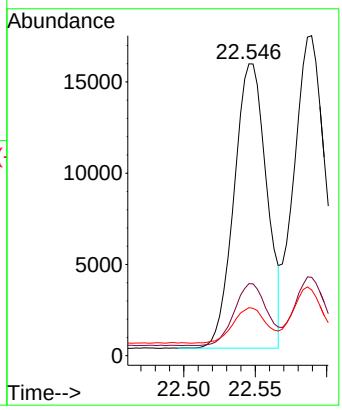


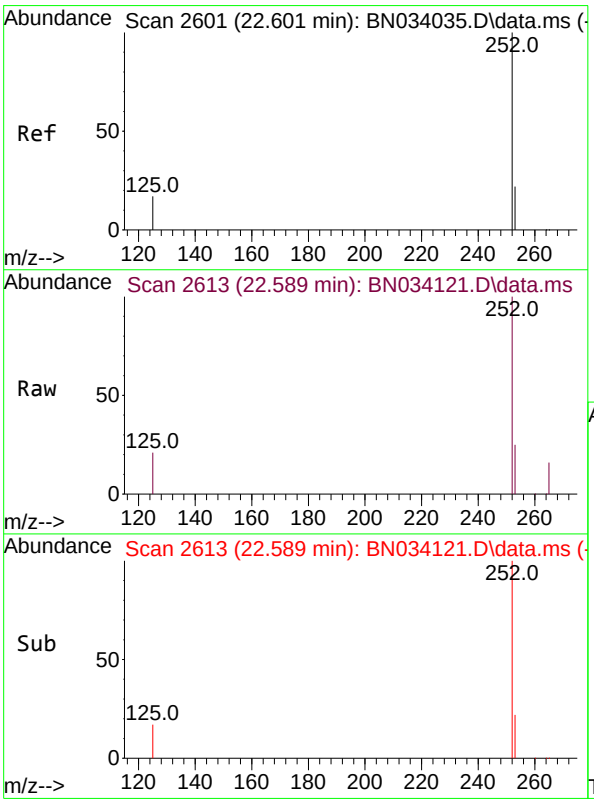
#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.546 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:252 Resp: 24731

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.6	29.4
125	16.5	13.8	20.8

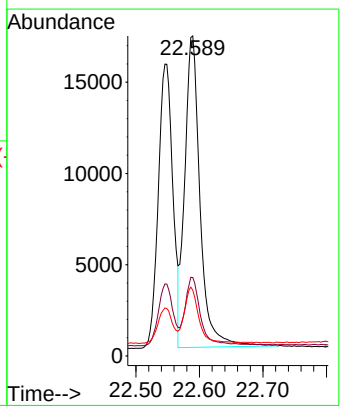


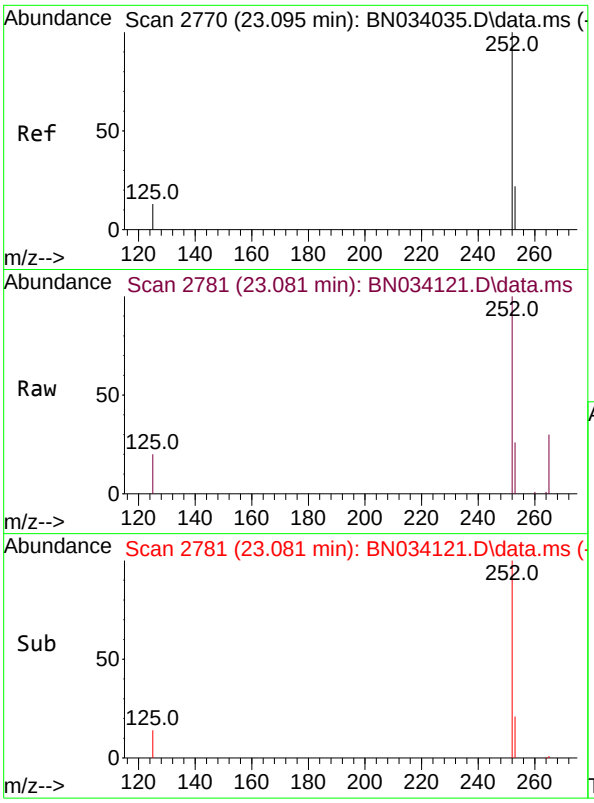


#38
Benzo(k)fluoranthene
Concen: 0.443 ng
RT: 22.589 min Scan# 2613
Delta R.T. -0.012 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:252 Resp: 28671

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.1	30.1
125	20.6	16.8	25.2



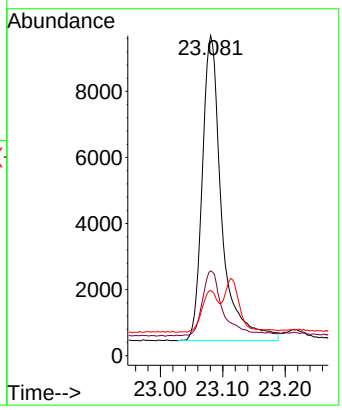


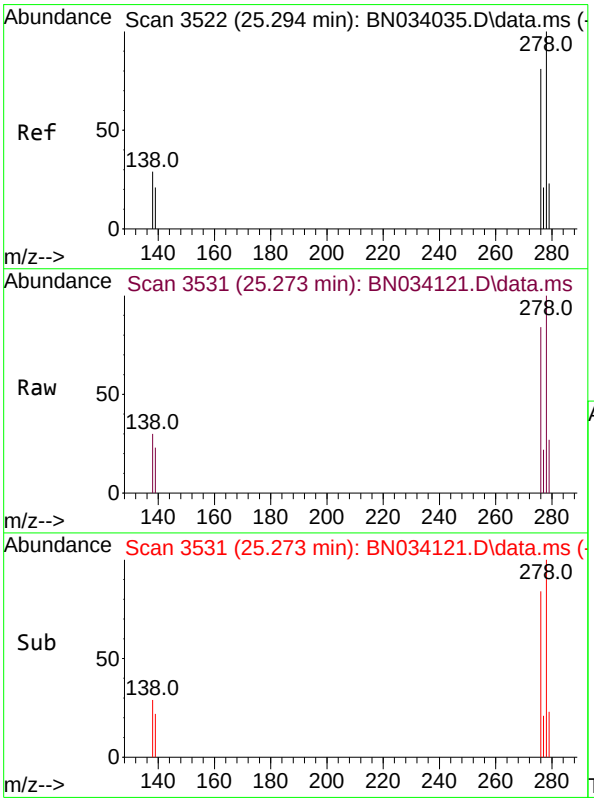
#39
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.081 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:252 Resp: 20047

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.8	32.8
125	20.4	17.5	26.3

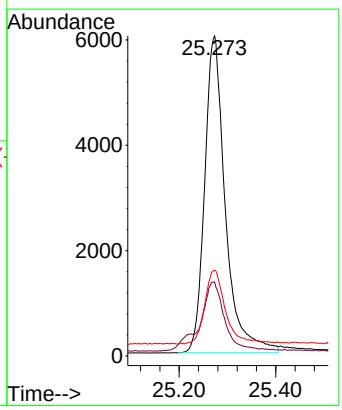


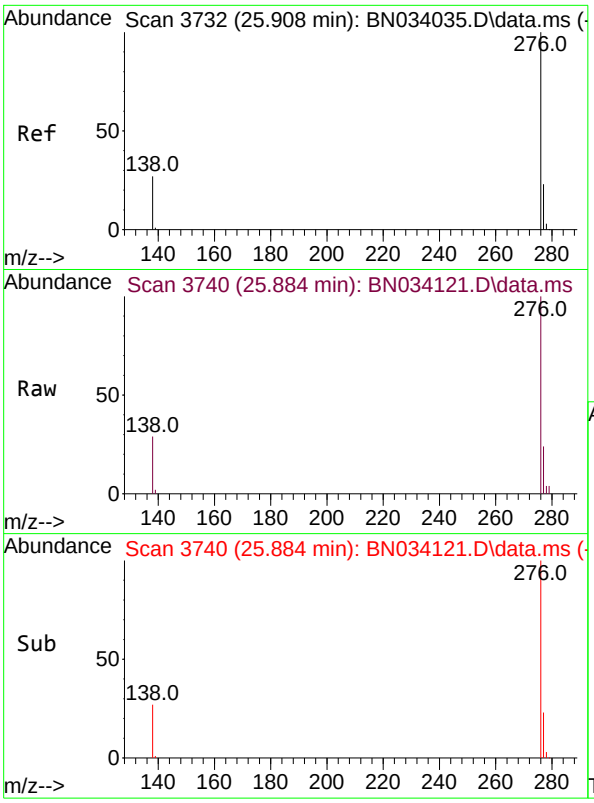


#40
Dibenzo(a,h)anthracene
Concen: 0.342 ng
RT: 25.273 min Scan# 3531
Delta R.T. -0.020 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Tgt Ion:278 Resp: 17933

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





#41
Benzo(g,h,i)perylene
Concen: 0.332 ng
RT: 25.884 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN034121.D
Acq: 21 Sep 2024 13:02

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Tgt Ion:276 Resp: 19531

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	28.7	22.6	34.0