Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
Data File : BN031440.D
Acq On : 08 May 2024 15:15
Operator : MA/JU
Sample : PB160578BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Quant Time: May 08 16:14:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	3540	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	16298	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	9097	0.400	ng		0.00
19) Phenanthrene-d10	16.967	188	20152	0.400	ng		0.00
29) Chrysene-d12	21.166	240	17544	0.400	ng	#	0.00
35) Perylene-d12	23.355	264	18232	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	3184	0.384	ng		0.00
5) Phenol-d6	6.743	99	5166	0.525	ng		0.00
8) Nitrobenzene-d5	8.713	82	4149	0.290	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	9293	0.486	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1218	0.272	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	14289	0.425	ng		0.00
27) Fluoranthene-d10	19.003	212	19947	0.366	ng		0.00
31) Terphenyl-d14	19.611	244	15626	0.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2416	0.572	ng		98
3) n-Nitrosodimethylamine	3.421	42	1711	0.406	ng	#	91
6) bis(2-Chloroethyl)ether	7.003	93	4803	0.522	ng		98
9) Naphthalene	10.389	128	16880	0.371	ng		99
10) Hexachlorobutadiene	10.667	225	3535	0.372	ng	#	99
12) 2-Methylnaphthalene	12.013	142	10972	0.496	ng		97
16) Acenaphthylene	13.932	152	14107	0.353	ng		100
17) Acenaphthene	14.274	154	9757	0.357	ng		100
18) Fluorene	15.268	166	8357	0.236	ng		100
20) 4,6-Dinitro-2-methylph...	15.365	198	631	0.230	ng	#	79
21) 4-Bromophenyl-phenylether	16.160	248	4349	0.374	ng		98
22) Hexachlorobenzene	16.271	284	5046	0.379	ng		98
23) Atrazine	16.445	200	3098	0.340	ng		98
24) Pentachlorophenol	16.619	266	1546	0.362	ng		100
25) Phenanthrene	17.004	178	21756	0.376	ng		100
26) Anthracene	17.103	178	17074	0.351	ng		100
28) Fluoranthene	19.035	202	25644	0.363	ng		100
30) Pyrene	19.402	202	26006	0.429	ng		100
32) Benzo(a)anthracene	21.157	228	21804	0.360	ng		99
33) Chrysene	21.202	228	24305	0.385	ng		98
34) Bis(2-ethylhexyl)phtha...	21.095	149	11382	0.356	ng	#	93
36) Indeno(1,2,3-cd)pyrene	25.539	276	29145	0.396	ng		99
37) Benzo(b)fluoranthene	22.701	252	26786	0.375	ng		98
38) Benzo(k)fluoranthene	22.741	252	26965	0.384	ng		99
39) Benzo(a)pyrene	23.259	252	23203	0.387	ng		96
40) Dibenzo(a,h)anthracene	25.557	278	23213	0.400	ng		98
41) Benzo(g,h,i)perylene	26.206	276	17279	0.293	ng		98

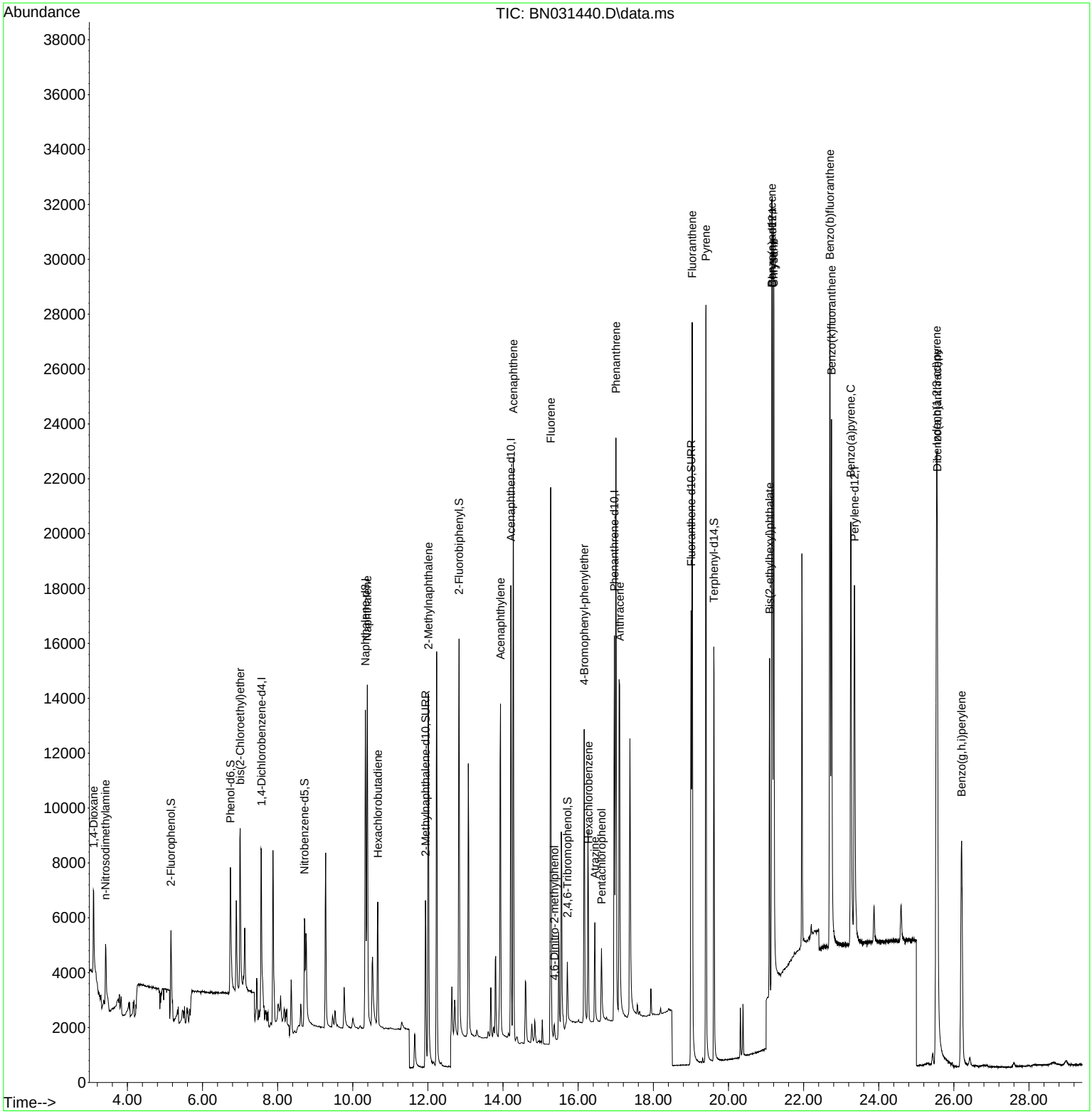
(#) = qualifier out of range (m) = manual integration (+) = signals summed

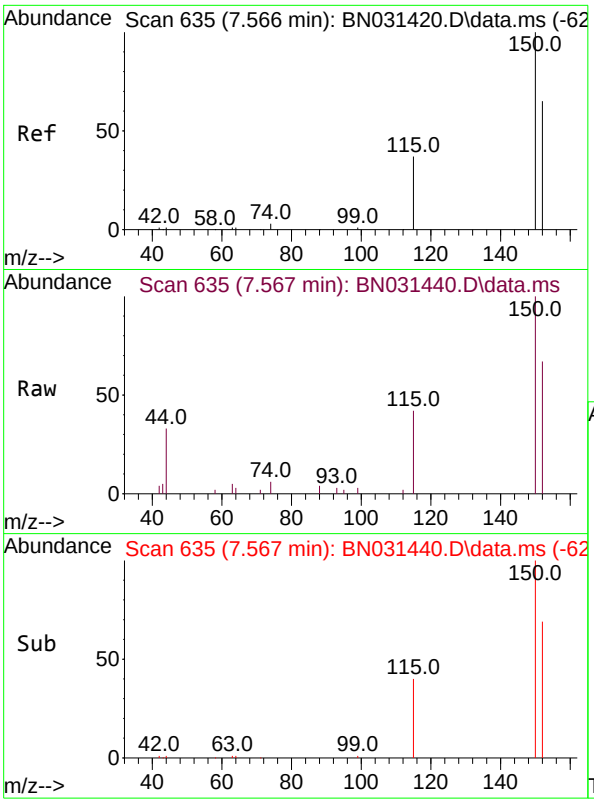
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
Data File : BN031440.D
Acq On : 08 May 2024 15:15
Operator : MA/JU
Sample : PB160578BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Quant Time: May 08 16:14:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration



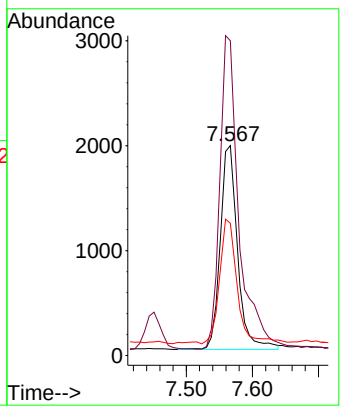


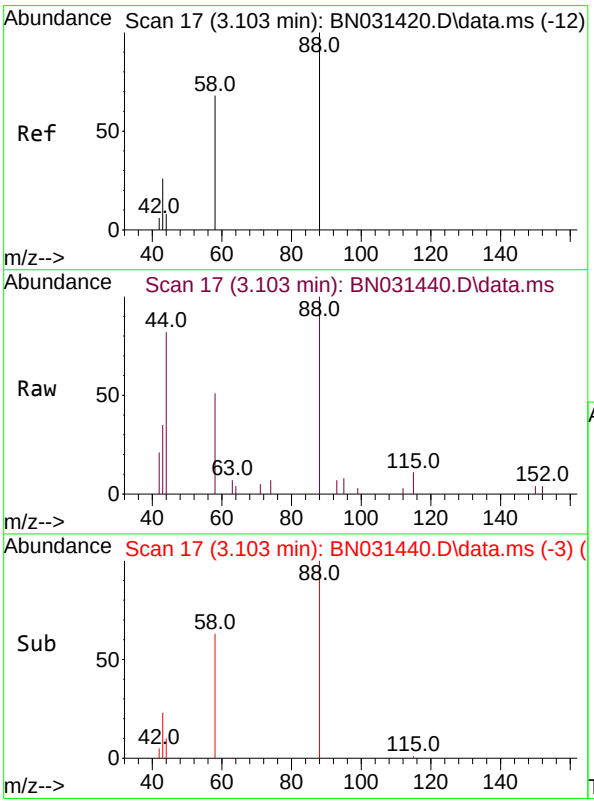
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.567 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:152 Resp: 3540

Ion	Ratio	Lower	Upper
152	100		
150	150.0	122.2	183.2
115	63.1	47.8	71.6

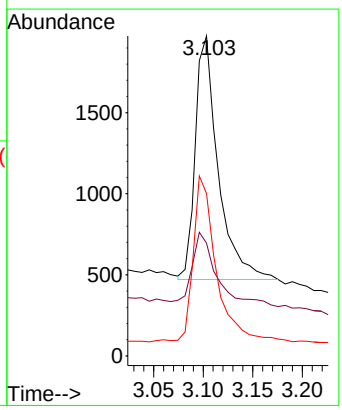


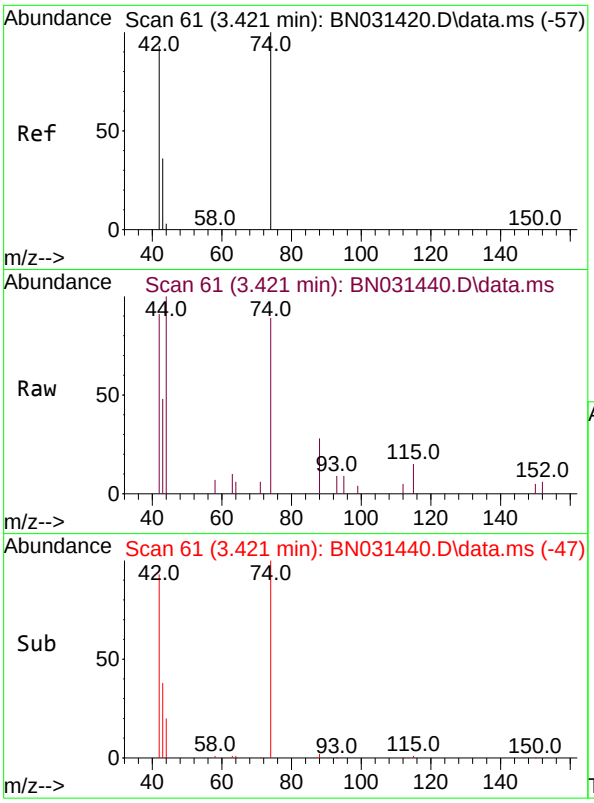


#2
1,4-Dioxane
Concen: 0.572 ng
RT: 3.103 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion: 88 Resp: 2416

Ion	Ratio	Lower	Upper
88	100		
43	33.6	23.8	35.8
58	68.2	54.6	81.8



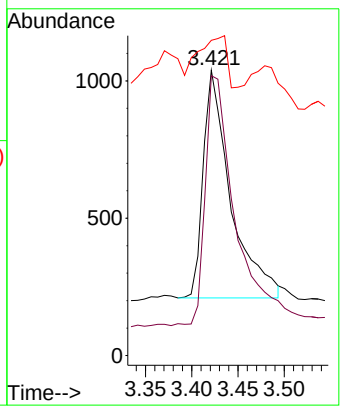


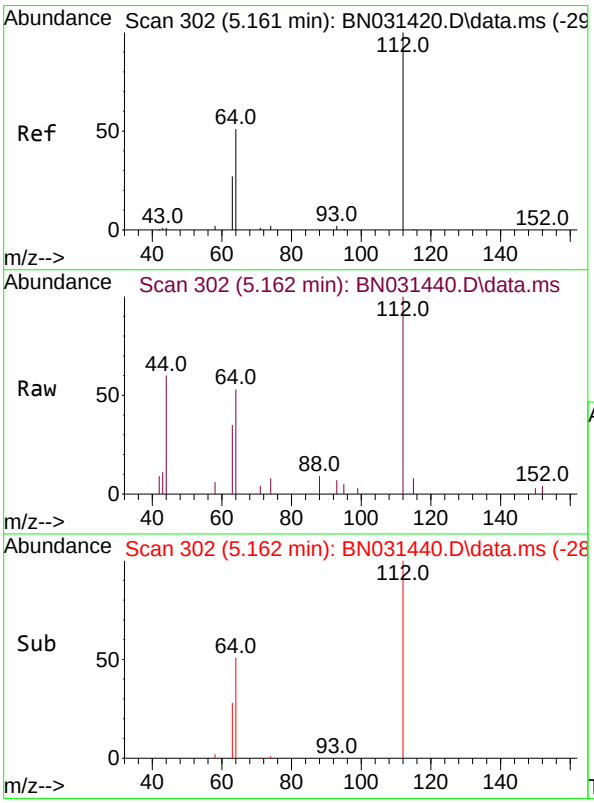
#3
n-Nitrosodimethylamine
Concen: 0.406 ng
RT: 3.421 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion: 42 Resp: 1711

Ion	Ratio	Lower	Upper
42	100		
74	119.0	101.7	152.5
44	23.1	5.3	7.9#

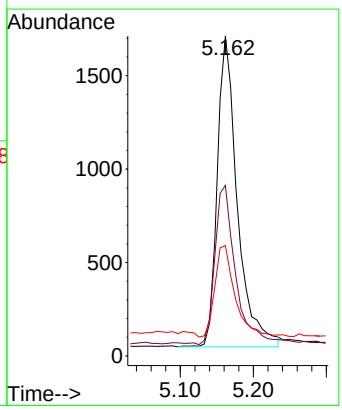


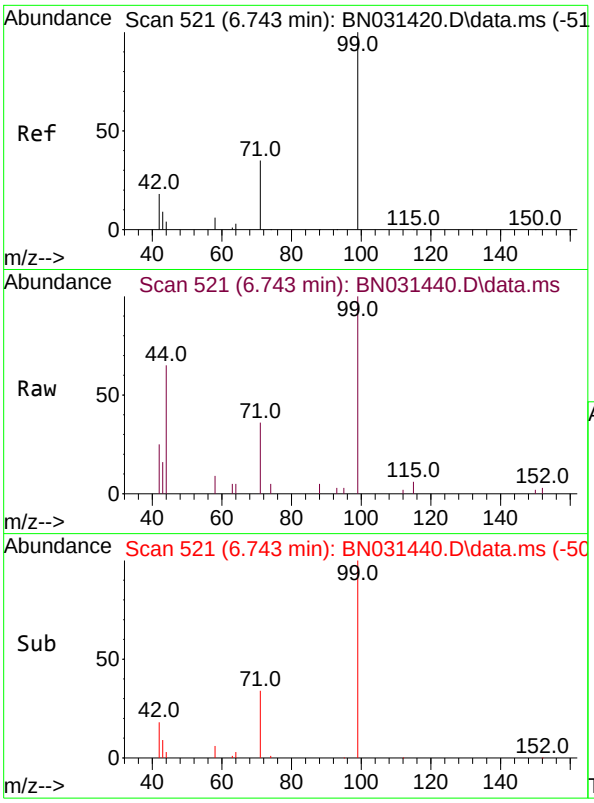


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.162 min Scan# 302
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:112 Resp: 3184

Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.4	63.6
63	29.6	22.6	34.0



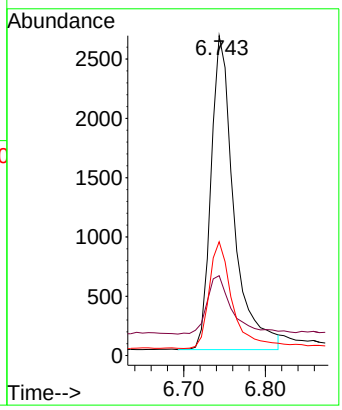


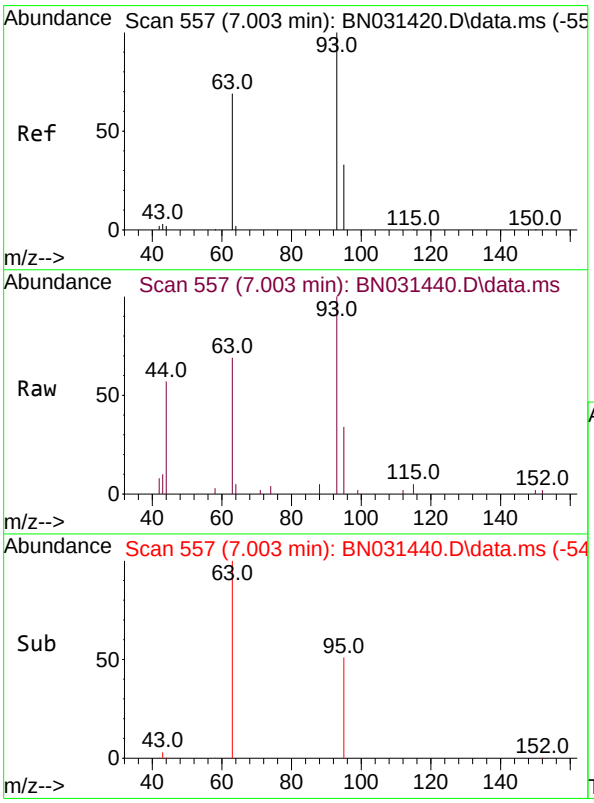
#5
Phenol-d6
Concen: 0.525 ng
RT: 6.743 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion: 99 Resp: 5166

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.8
71	34.5	27.8	41.6

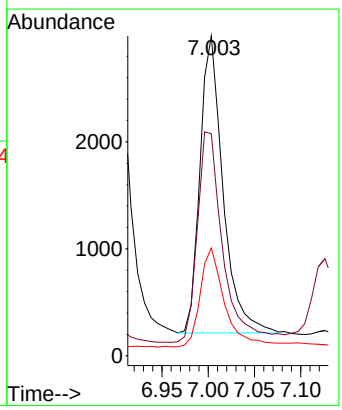


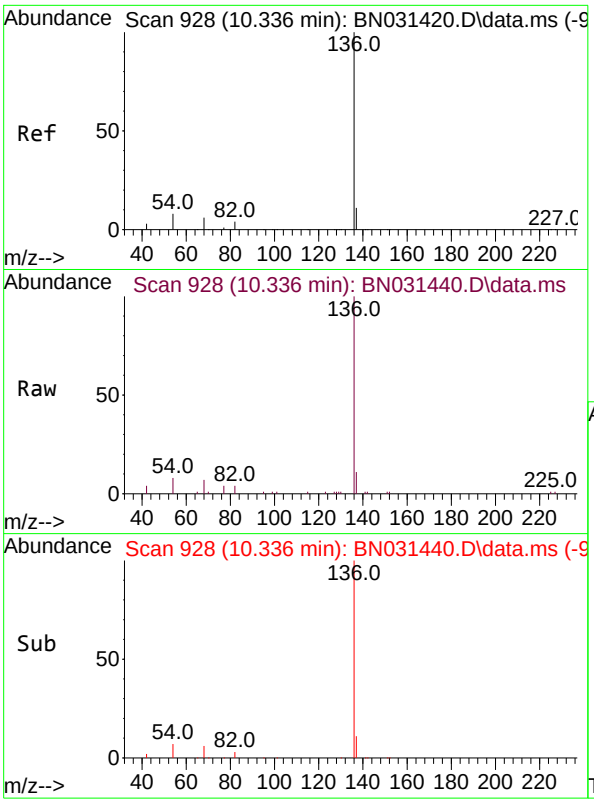


#6
bis(2-Chloroethyl)ether
Concen: 0.522 ng
RT: 7.003 min Scan# 557
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion: 93 Resp: 4803

Ion	Ratio	Lower	Upper
93	100		
63	78.0	60.7	91.1
95	35.4	28.0	42.0



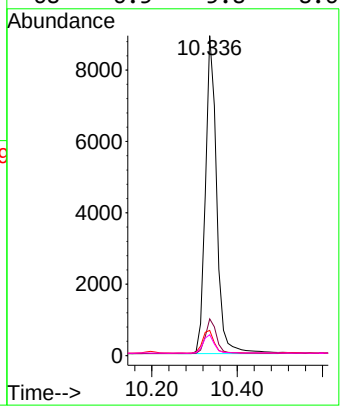


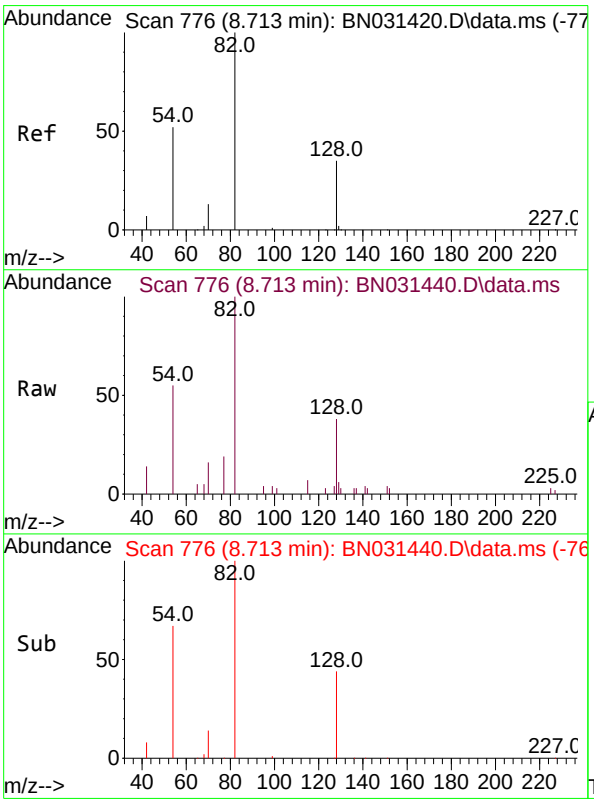
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:136 Resp: 16298

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	7.9	7.2	10.8
68	6.5	5.8	8.6

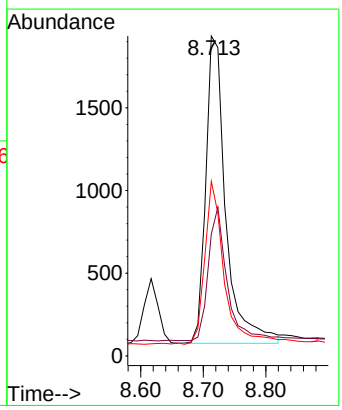


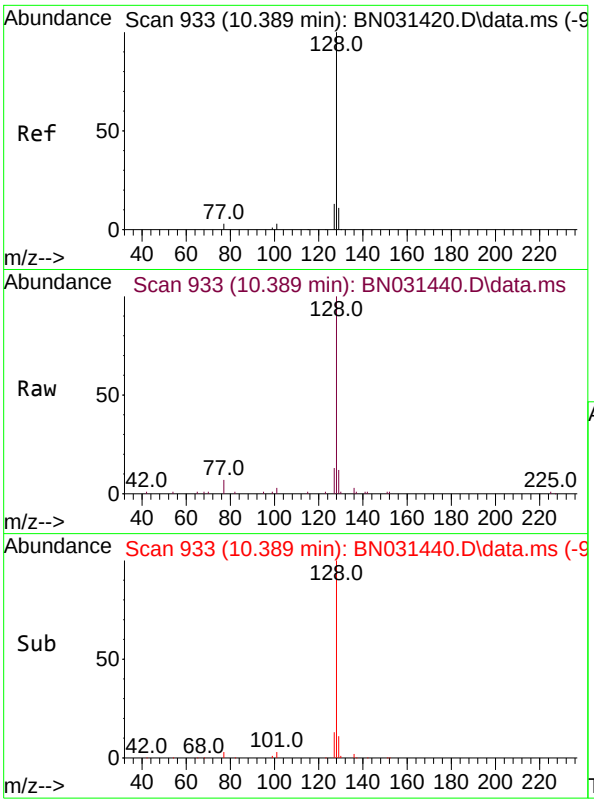


#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.713 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion: 82 Resp: 4149

Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.0	45.0
54	54.5	43.4	65.0



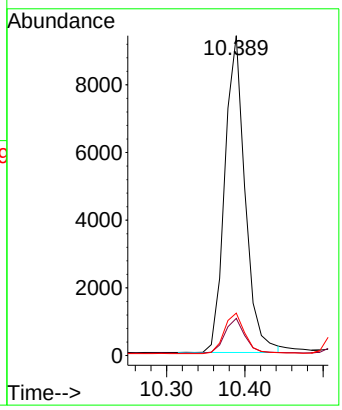


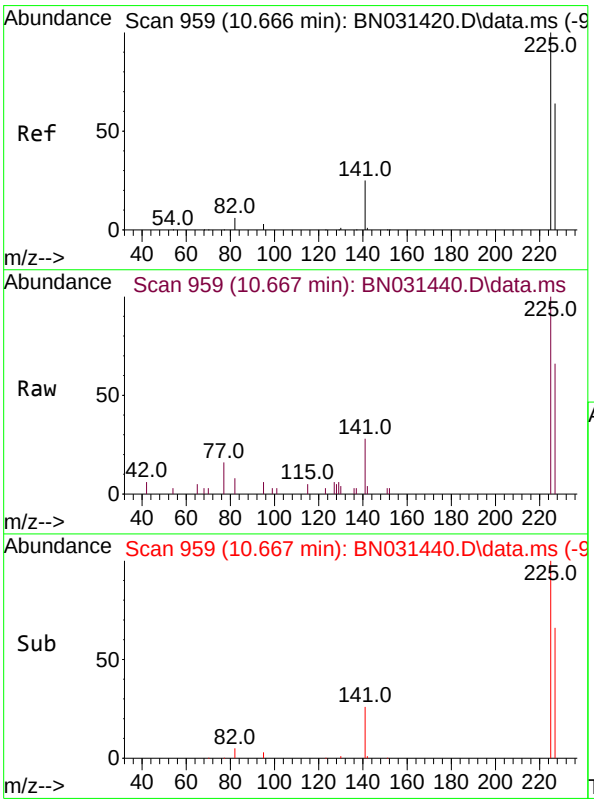
#9
Naphthalene
Concen: 0.371 ng
RT: 10.389 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:128 Resp: 16880

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.3	11.1	16.7

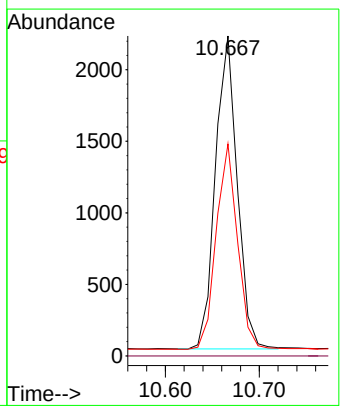


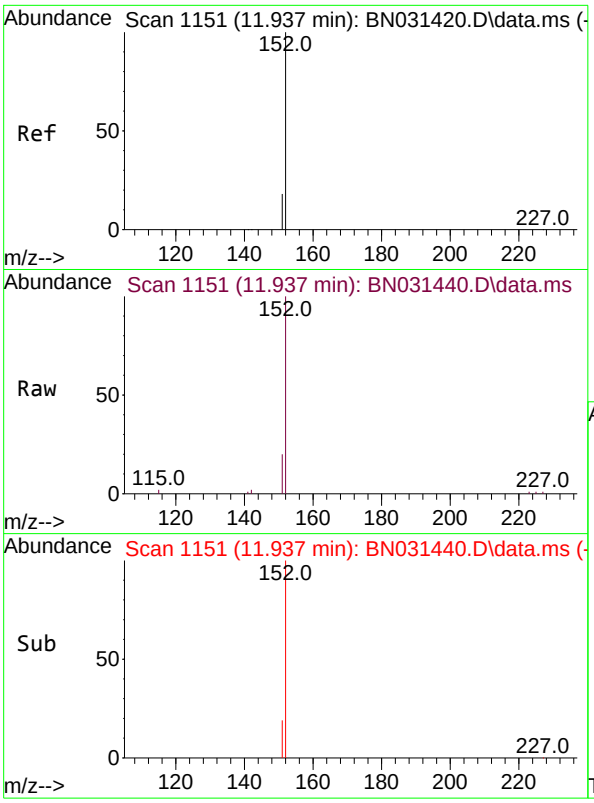


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 10.667 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:225 Resp: 3535

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.8	76.2



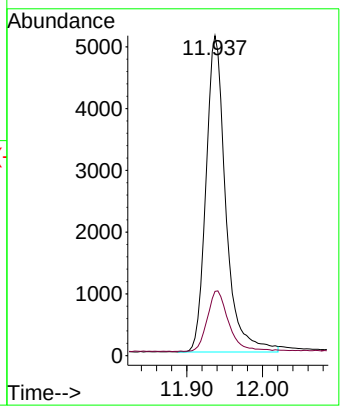


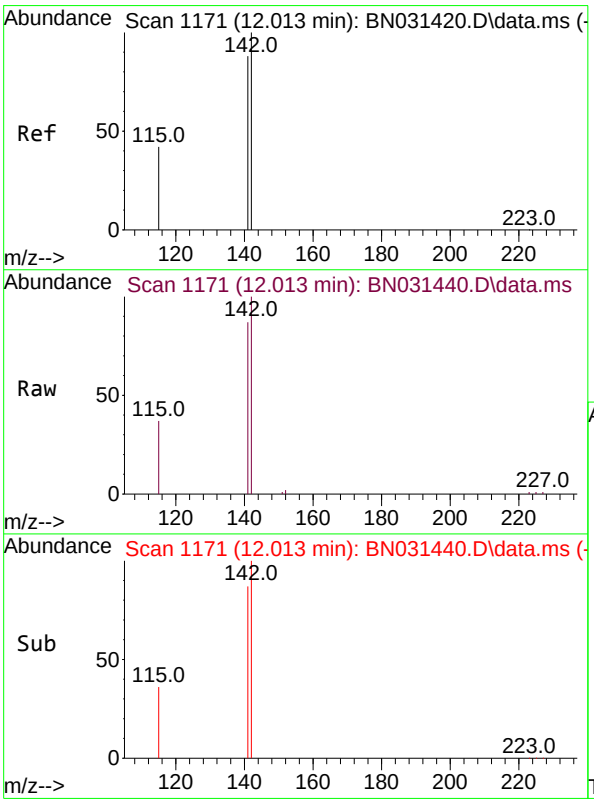
#11
2-Methylnaphthalene-d10
Concen: 0.486 ng
RT: 11.937 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:152 Resp: 9293

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1

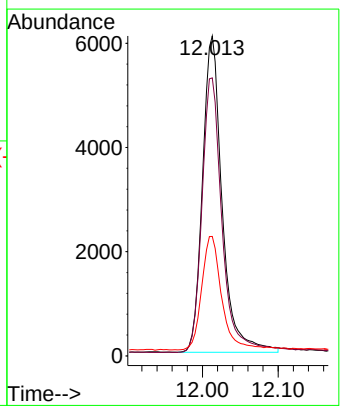


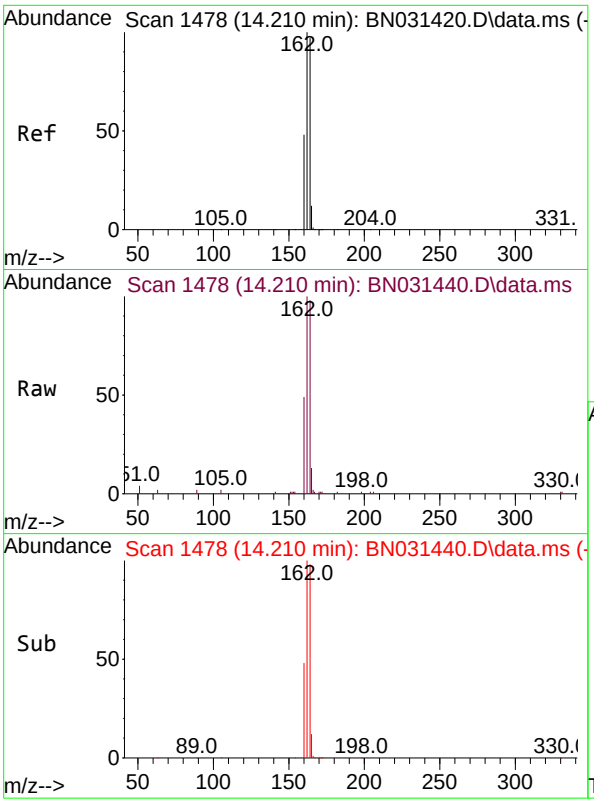


#12
2-Methylnaphthalene
Concen: 0.496 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:142 Resp: 10972

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.2	105.2
115	37.3	34.2	51.4



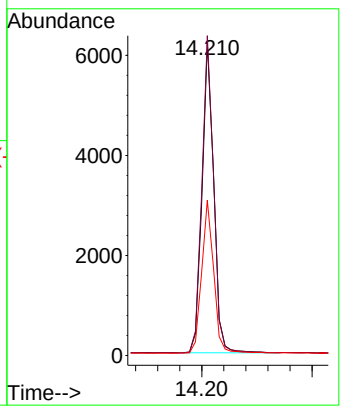


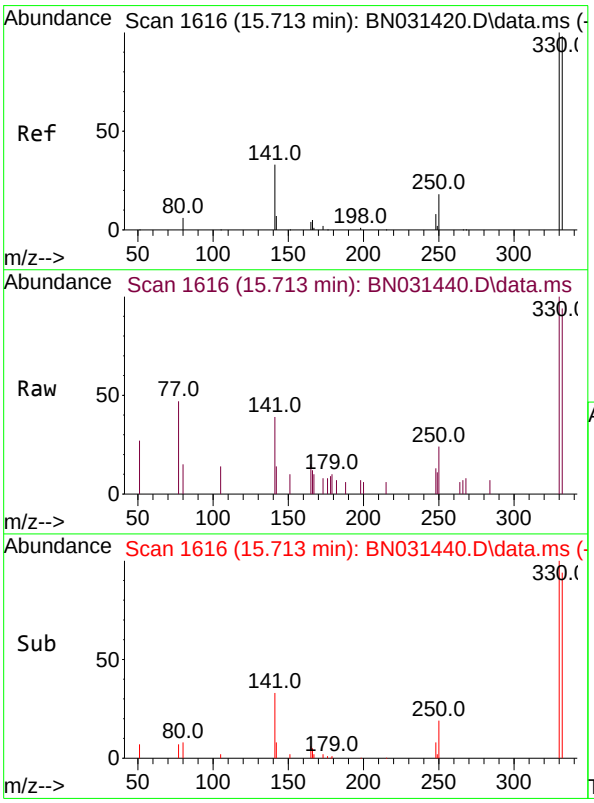
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:164 Resp: 9097

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.3	123.5
160	49.8	40.2	60.2

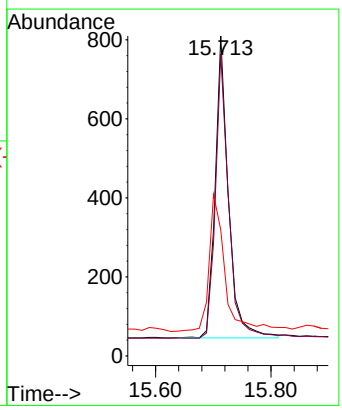


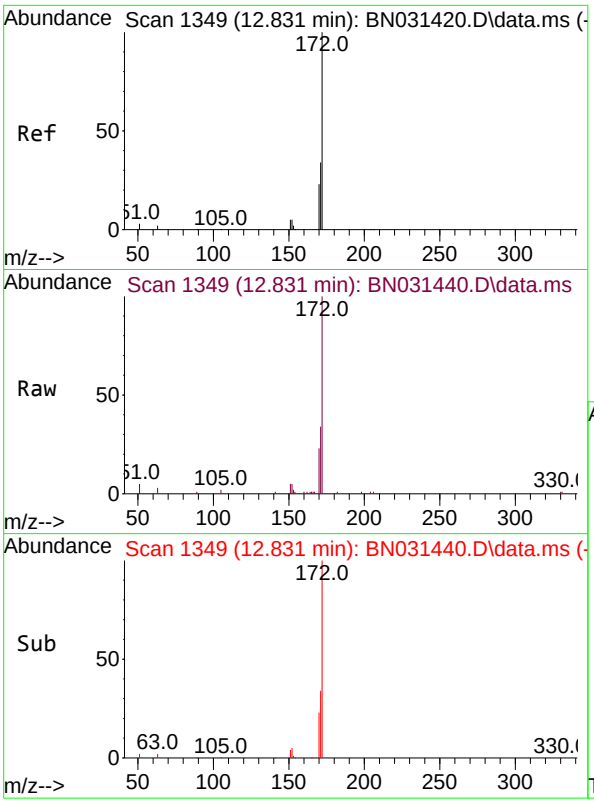


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:330 Resp: 1218

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.5	116.3
141	53.4	39.3	58.9



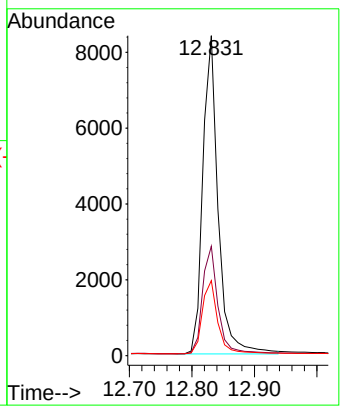


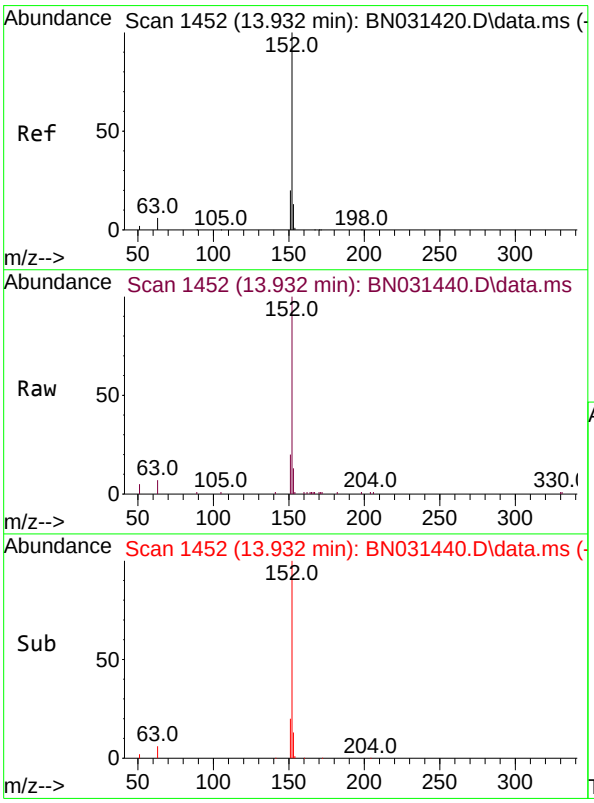
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:172 Resp: 14289

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.0	42.0
170	23.4	18.9	28.3

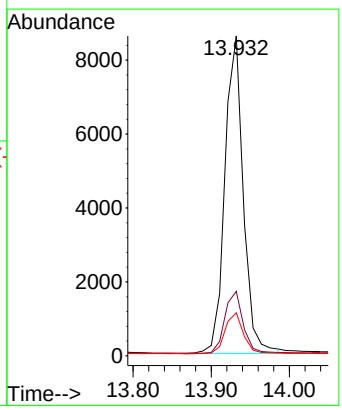


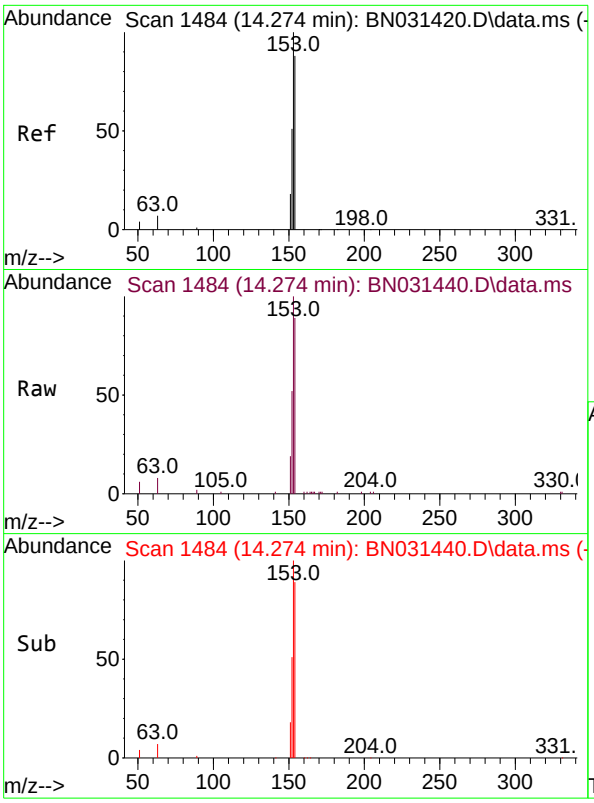


#16
Acenaphthylene
Concen: 0.353 ng
RT: 13.932 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:152 Resp: 14107

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.0	10.5	15.7



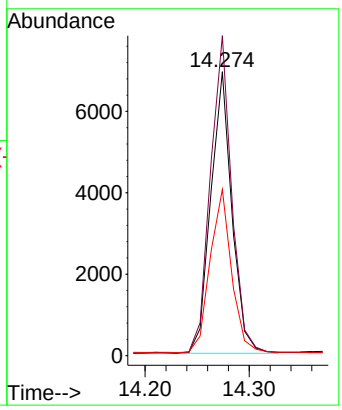


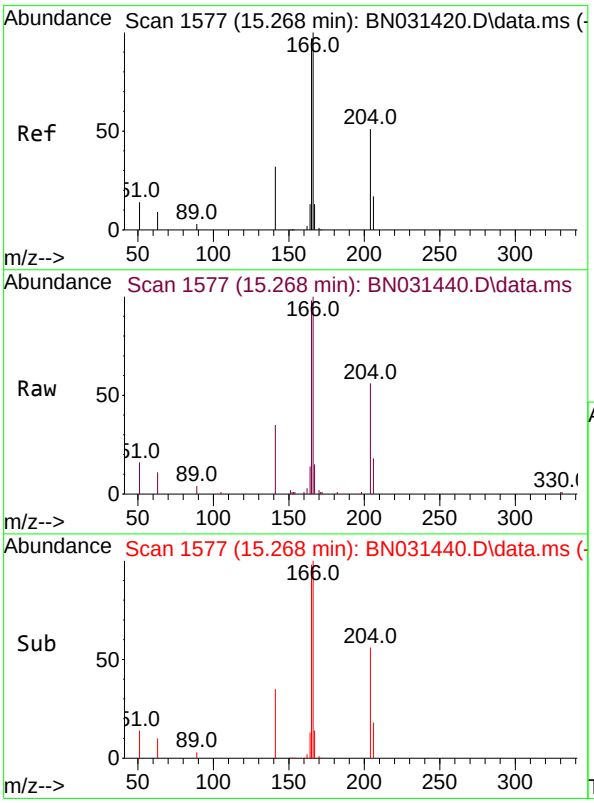
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:154 Resp: 9757

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.4	135.6
152	58.3	46.4	69.6

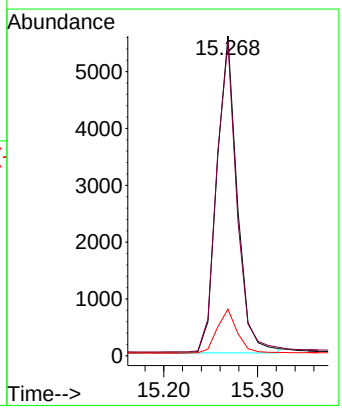


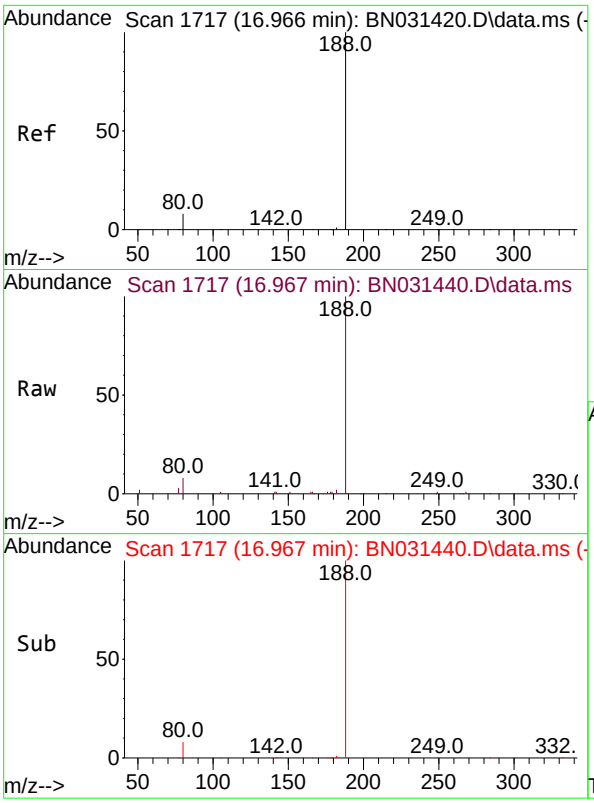


#18
Fluorene
Concen: 0.236 ng
RT: 15.268 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:166 Resp: 8357

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.8	10.8	16.2





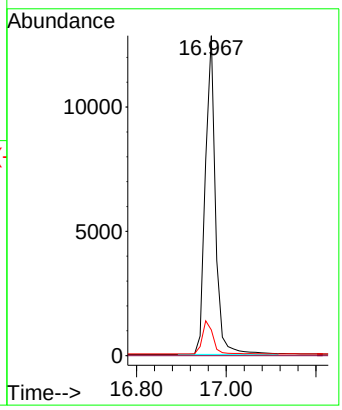
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.967 min Scan# 1

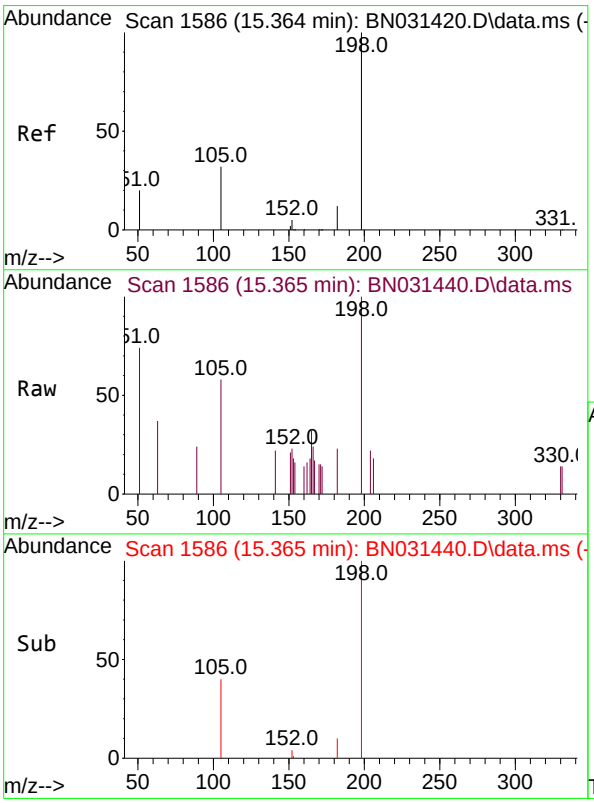
Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:188 Resp: 20152

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.8	10.2

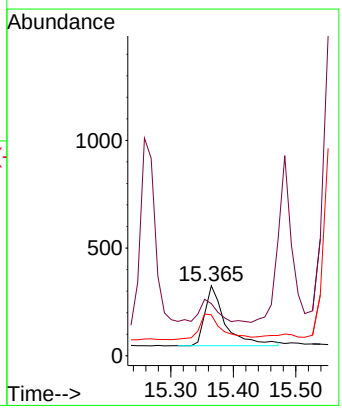


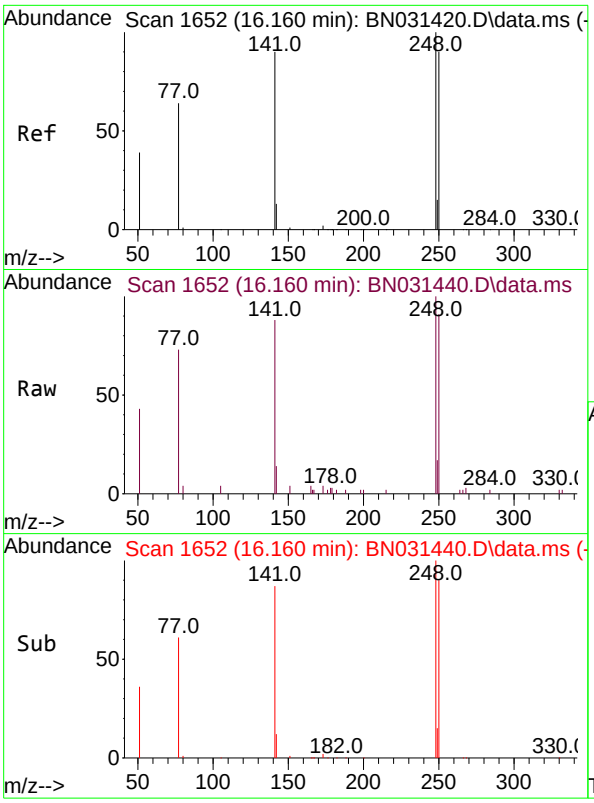


#20
4,6-Dinitro-2-methylphenol
Concen: 0.230 ng
RT: 15.365 min Scan# 1586
Delta R.T. 0.001 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:198 Resp: 631

Ion	Ratio	Lower	Upper
198	100		
51	74.5	47.4	71.2#
105	58.5	35.7	53.5#



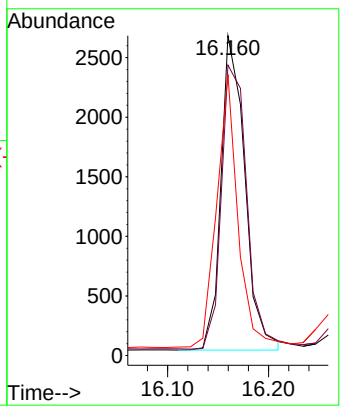


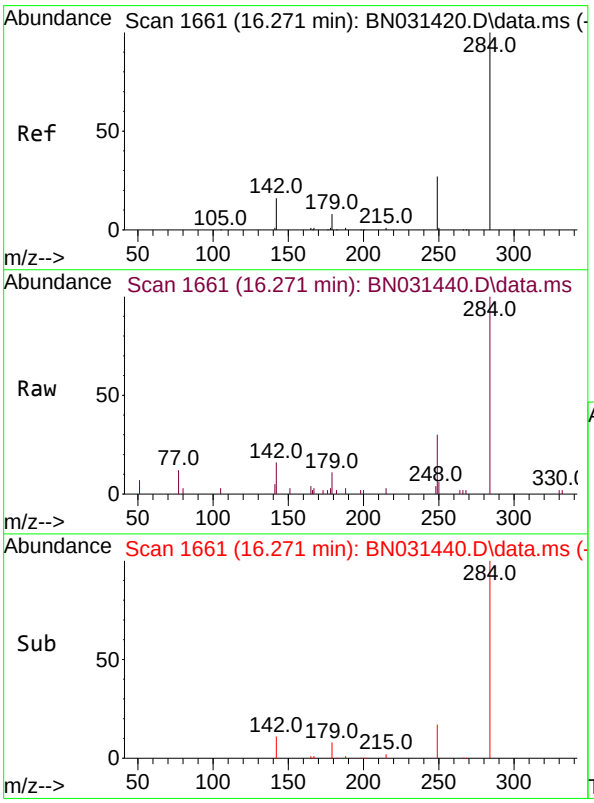
#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:248 Resp: 4349

Ion	Ratio	Lower	Upper
248	100		
250	90.8	72.3	108.5
141	87.9	72.9	109.3

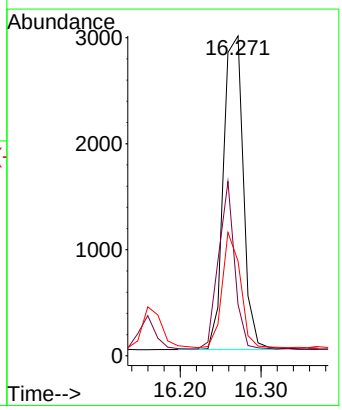


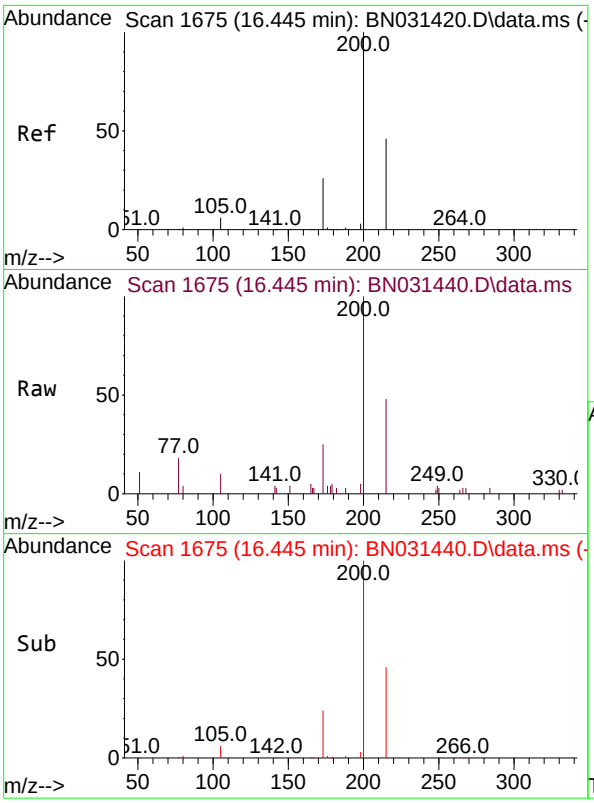


#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.271 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:284 Resp: 5046

Ion	Ratio	Lower	Upper
284	100		
142	43.5	33.8	50.8
249	33.4	25.8	38.8



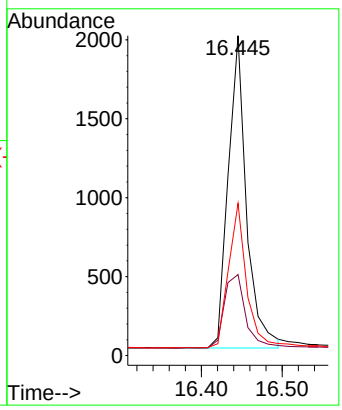


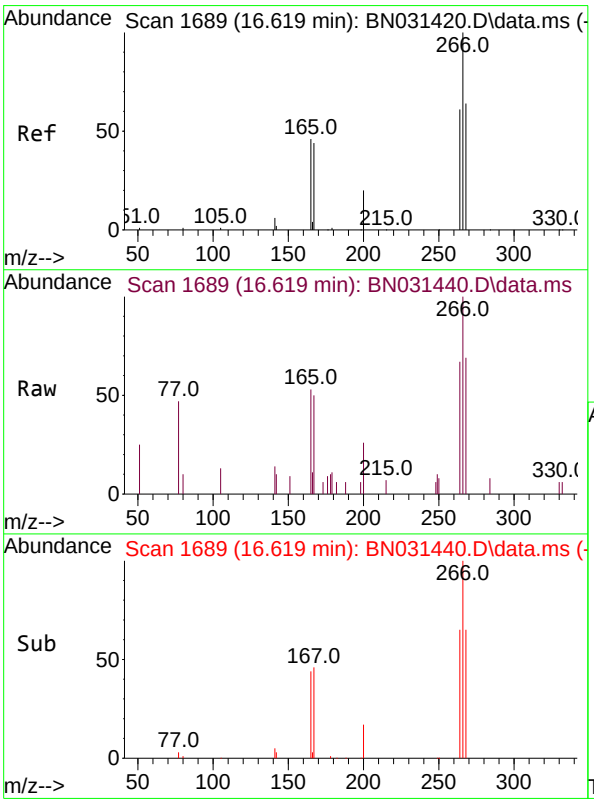
#23
Atrazine
Concen: 0.340 ng
RT: 16.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:200 Resp: 3098

Ion	Ratio	Lower	Upper
200	100		
173	25.3	21.8	32.6
215	47.6	37.5	56.3

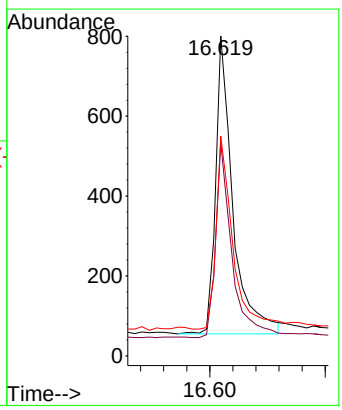


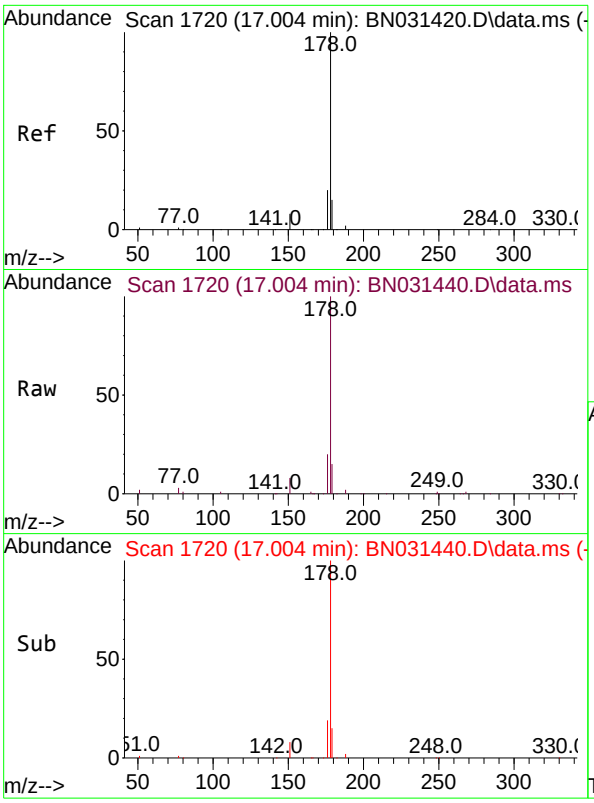


#24
Pentachlorophenol
Concen: 0.362 ng
RT: 16.619 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:266 Resp: 1546

Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.0	73.4
268	63.5	51.0	76.4



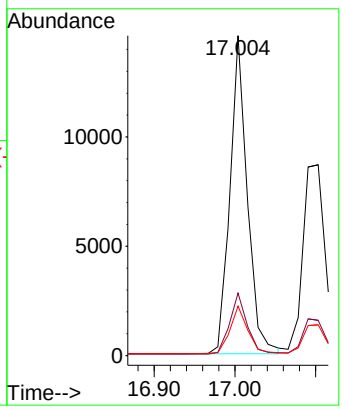


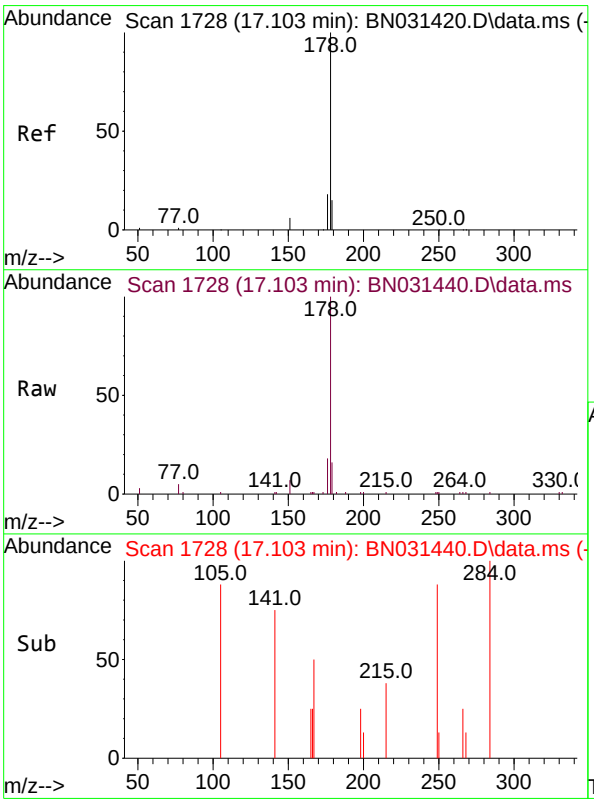
#25
Phenanthrene
Concen: 0.376 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:178 Resp: 21756

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.3	18.5

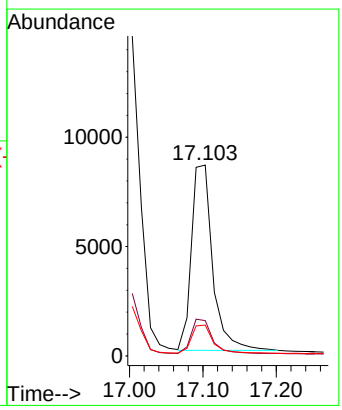


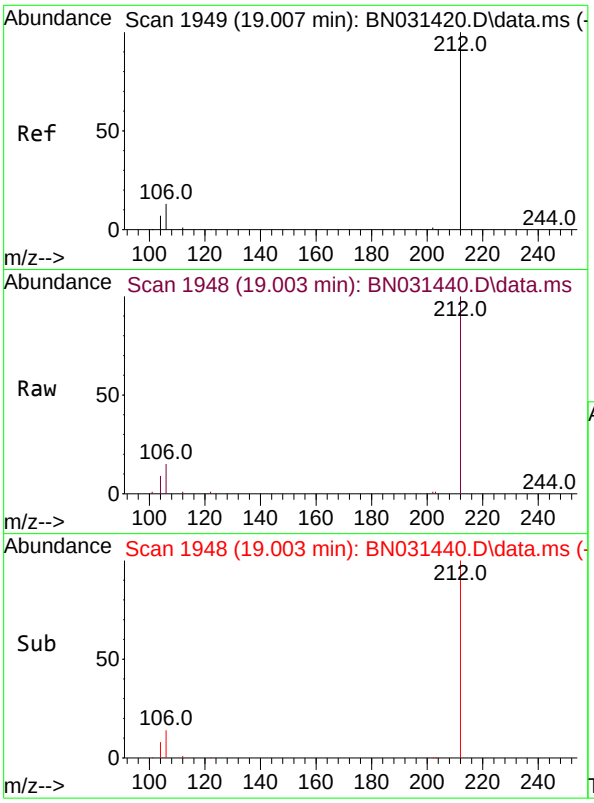


#26
Anthracene
Concen: 0.351 ng
RT: 17.103 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:178 Resp: 17074

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.2	12.1	18.1



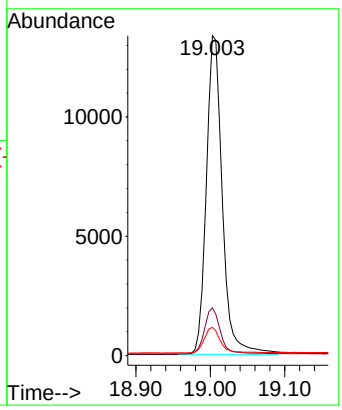


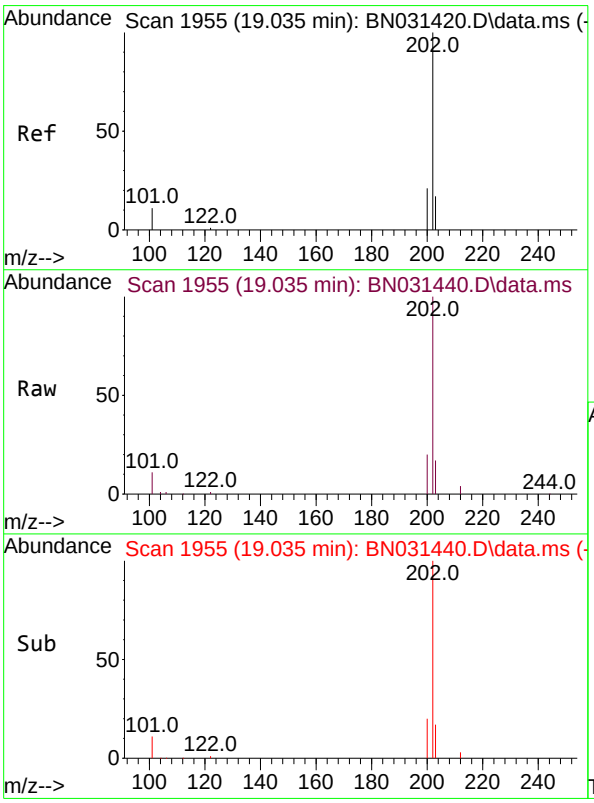
#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.003 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:212 Resp: 19947

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.5	17.3
104	8.0	6.4	9.6

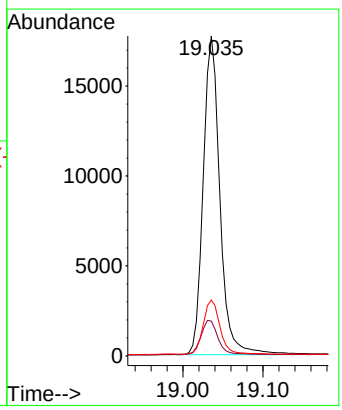


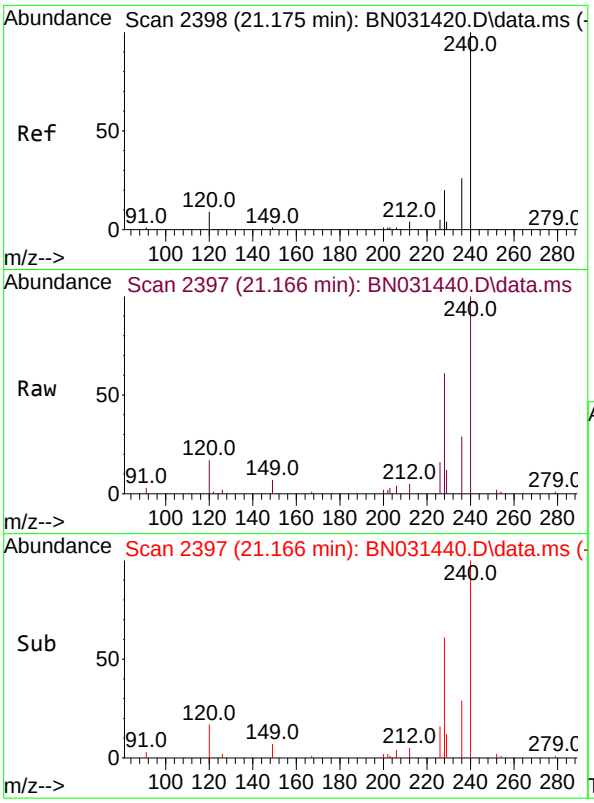


#28
Fluoranthene
Concen: 0.363 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:202 Resp: 25644

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.2	13.8
203	17.1	13.7	20.5



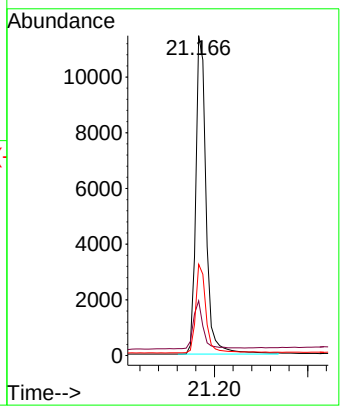


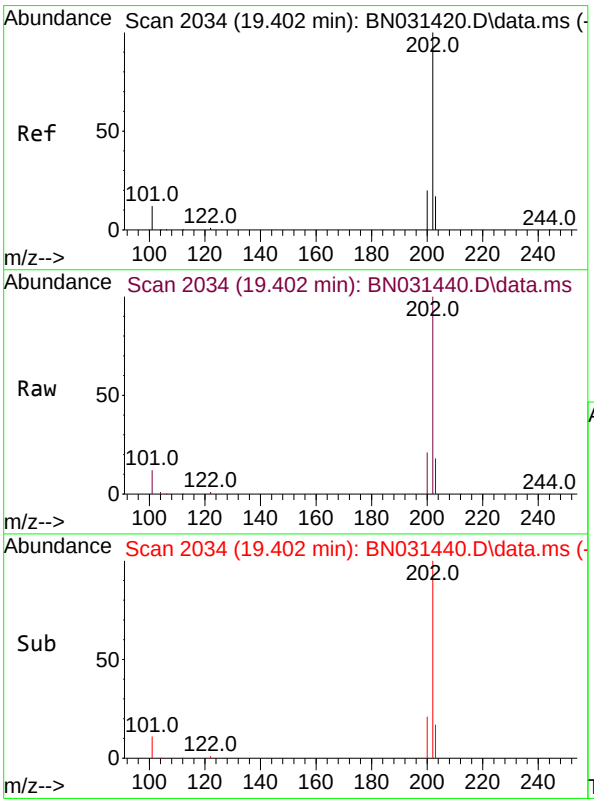
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:240 Resp: 17544

Ion	Ratio	Lower	Upper
240	100		
120	17.1	7.9	11.9#
236	28.5	21.4	32.2

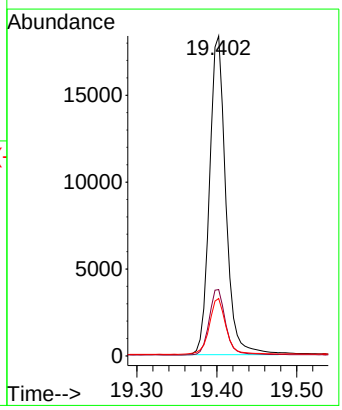


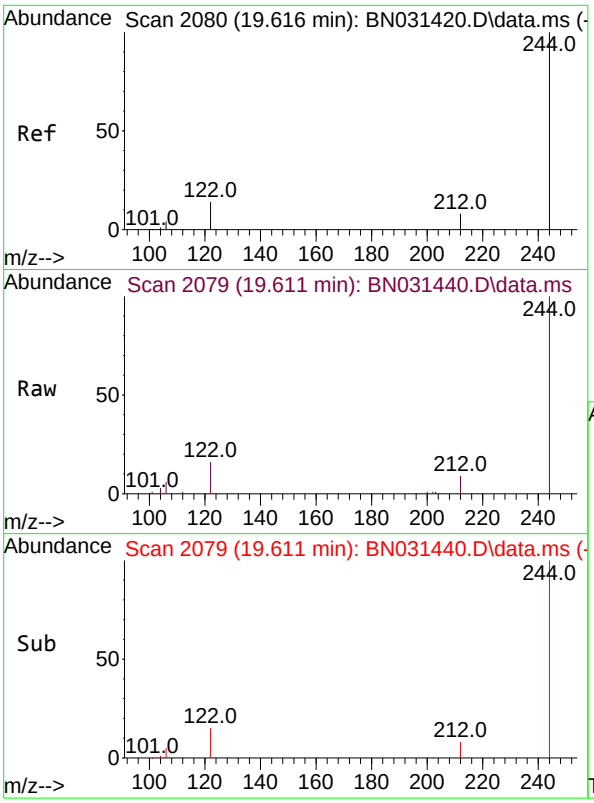


#30
Pyrene
Concen: 0.429 ng
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:202 Resp: 26006

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.1	14.3	21.5



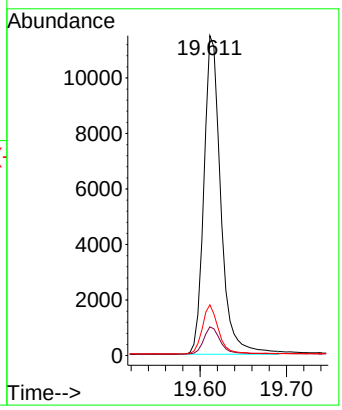


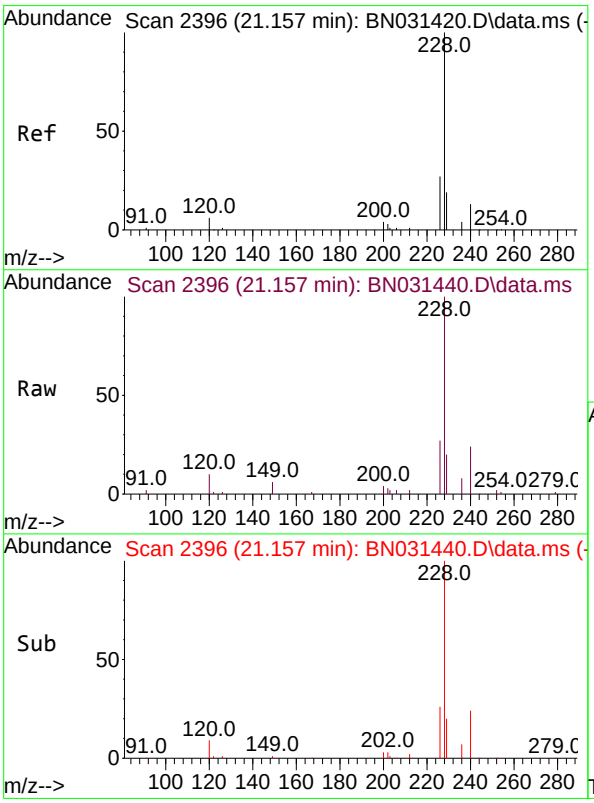
#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.611 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:244 Resp: 15626

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	15.9	11.4	17.2

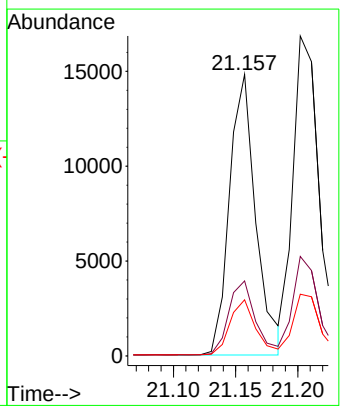


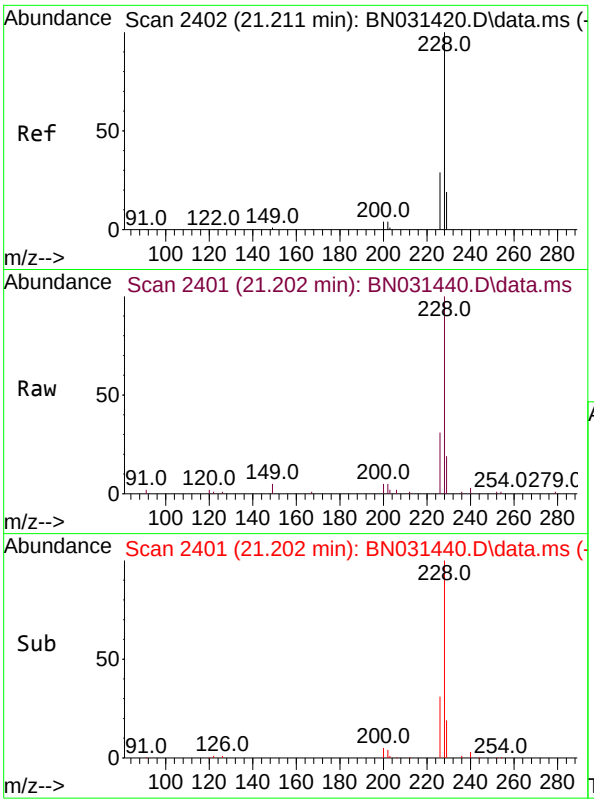


#32
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:228 Resp: 21804

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	19.9	15.6	23.4



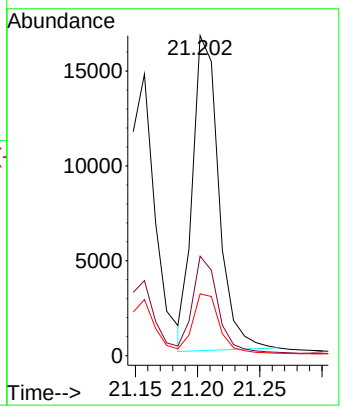


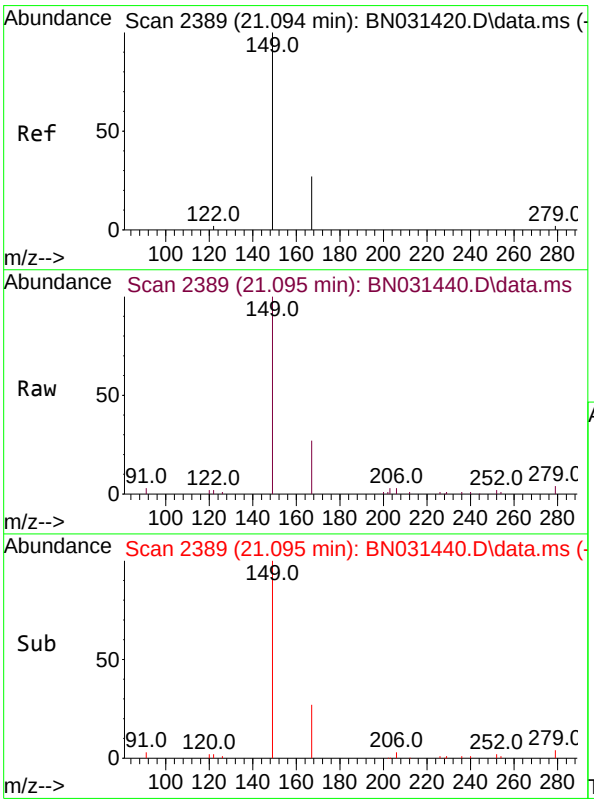
#33
Chrysene
Concen: 0.385 ng
RT: 21.202 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:228 Resp: 24305

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.6	35.4
229	19.3	15.8	23.8

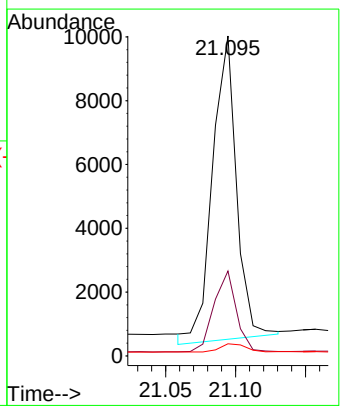


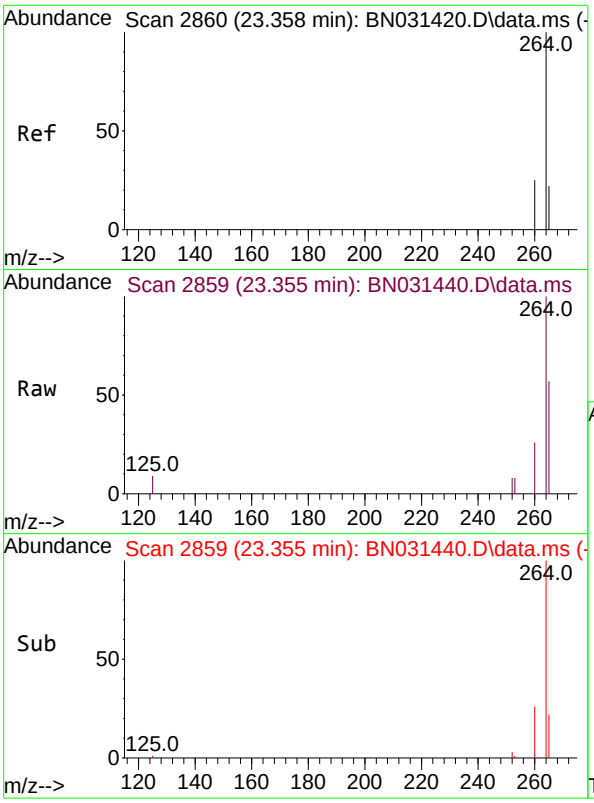


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.095 min Scan# 2389
Delta R.T. 0.001 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:149 Resp: 11382

Ion	Ratio	Lower	Upper
149	100		
167	26.4	23.0	34.4
279	11.1	3.2	4.8#



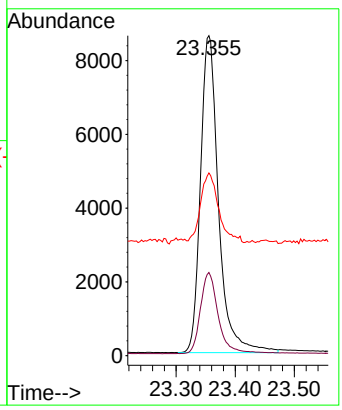


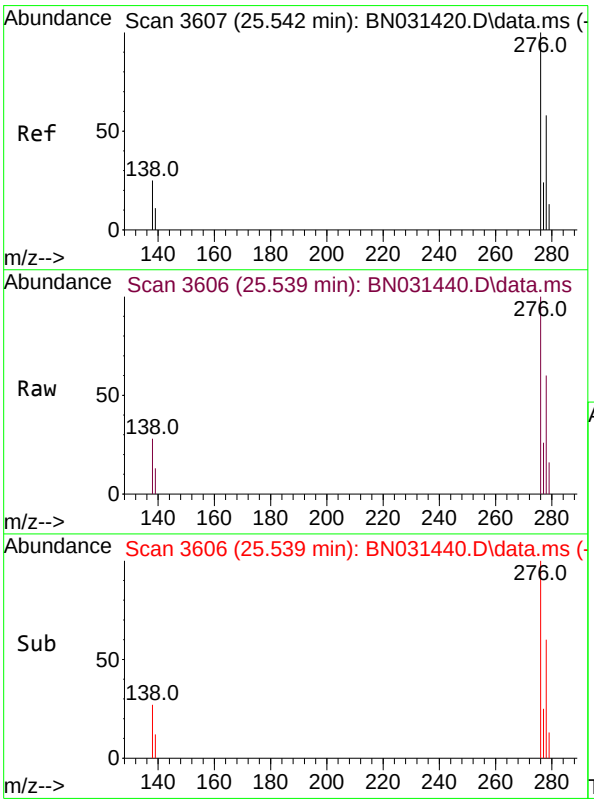
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.355 min Scan# 28
Delta R.T. -0.003 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:264 Resp: 18232

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.4
265	57.1	43.4	65.2

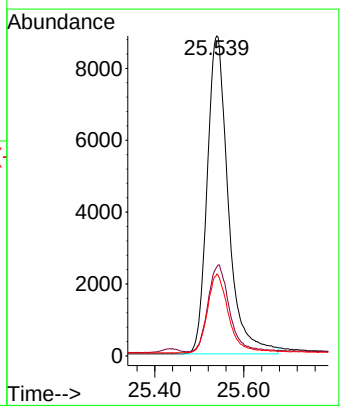


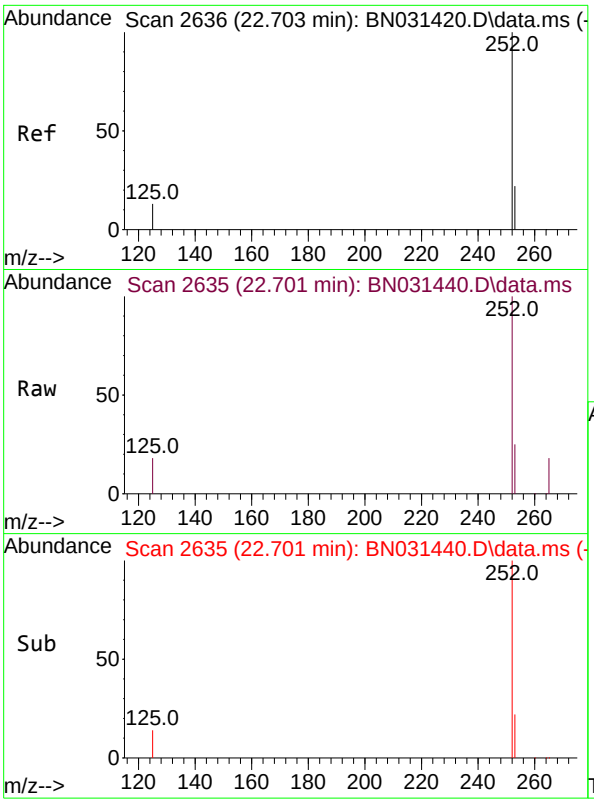


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 25.539 min Scan# 3606
Delta R.T. -0.003 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:276 Resp: 29145

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.5	32.3
277	24.6	19.8	29.8



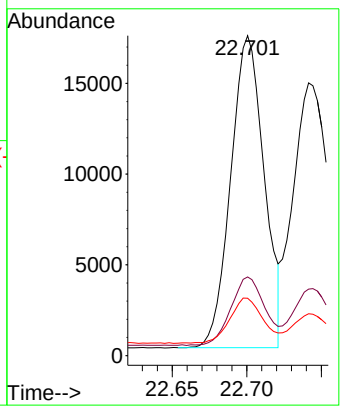


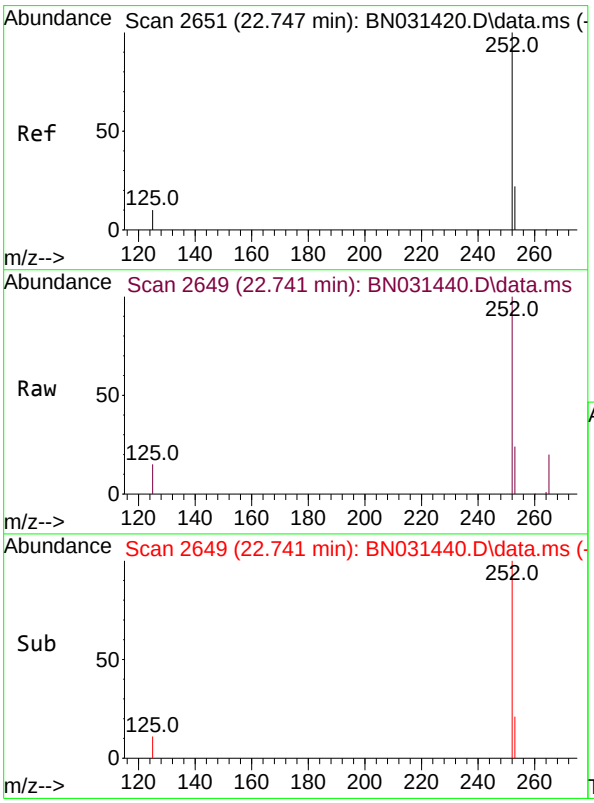
#37
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.701 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:252 Resp: 26786

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.5	29.3
125	17.9	12.9	19.3

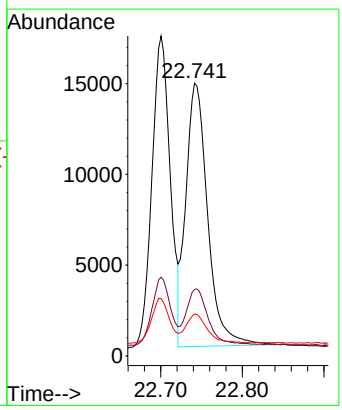


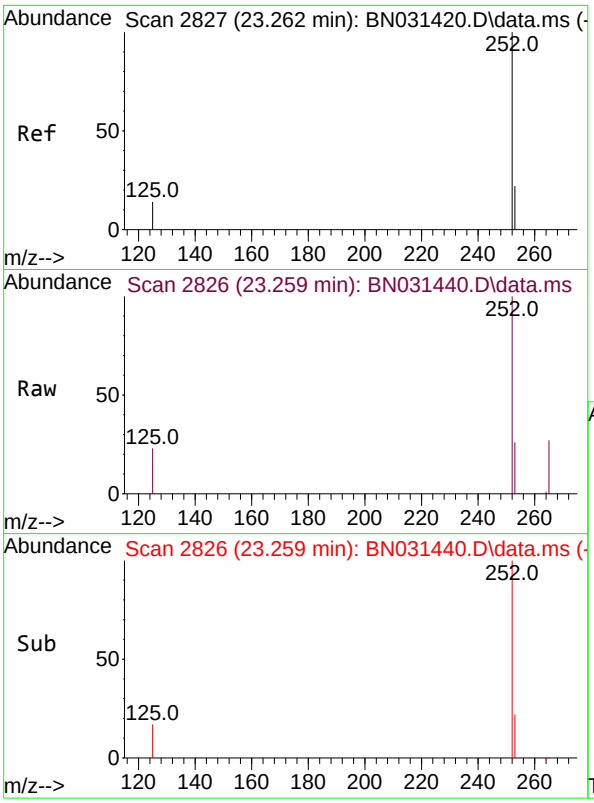


#38
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 22.741 min Scan# 2649
Delta R.T. -0.006 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:252 Resp: 26965

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	15.3	11.5	17.3



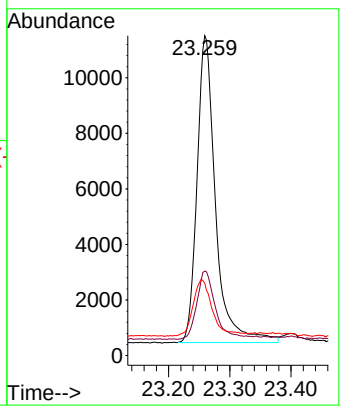


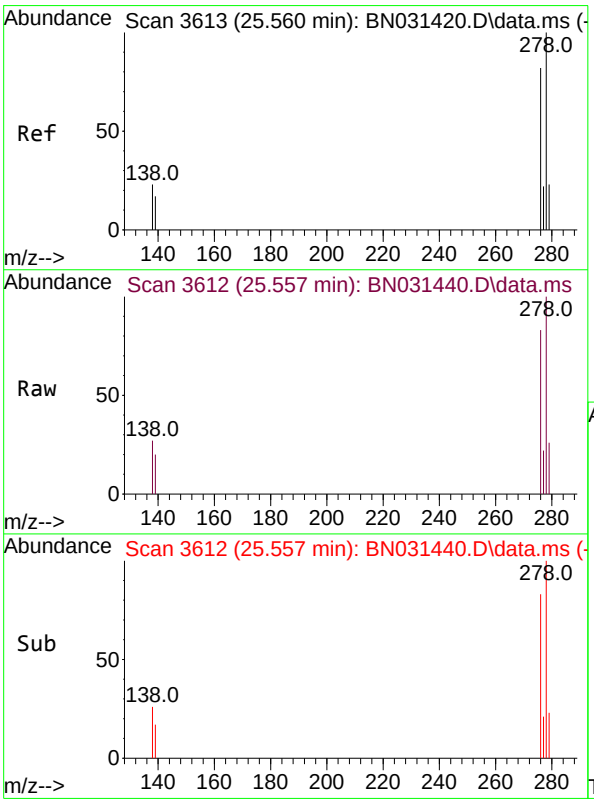
#39
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.259 min Scan# 28
Delta R.T. -0.003 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:252 Resp: 23203

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.8	31.2
125	22.6	15.2	22.8

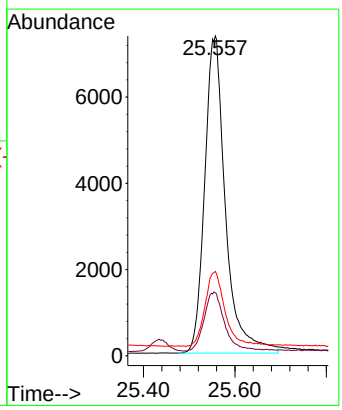


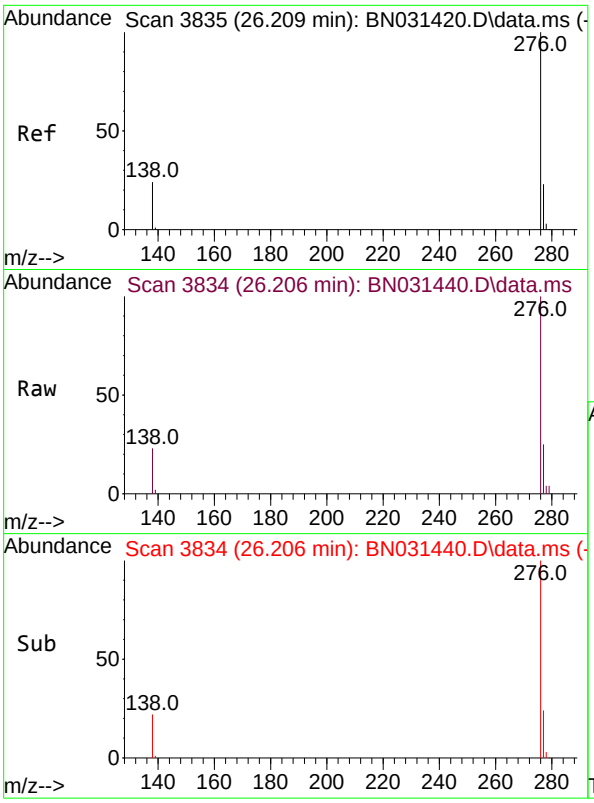


#40
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.557 min Scan# 3612
Delta R.T. -0.003 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Tgt Ion:278 Resp: 23213

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.7	22.1
279	26.4	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.293 ng
RT: 26.206 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN031440.D
Acq: 08 May 2024 15:15

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Tgt Ion:276 Resp: 17279

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	23.2	19.7	29.5