Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031375.D
Acq On : 02 May 2024 17:24
Operator : MA/JU
Sample : P2329-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 02 17:59:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration

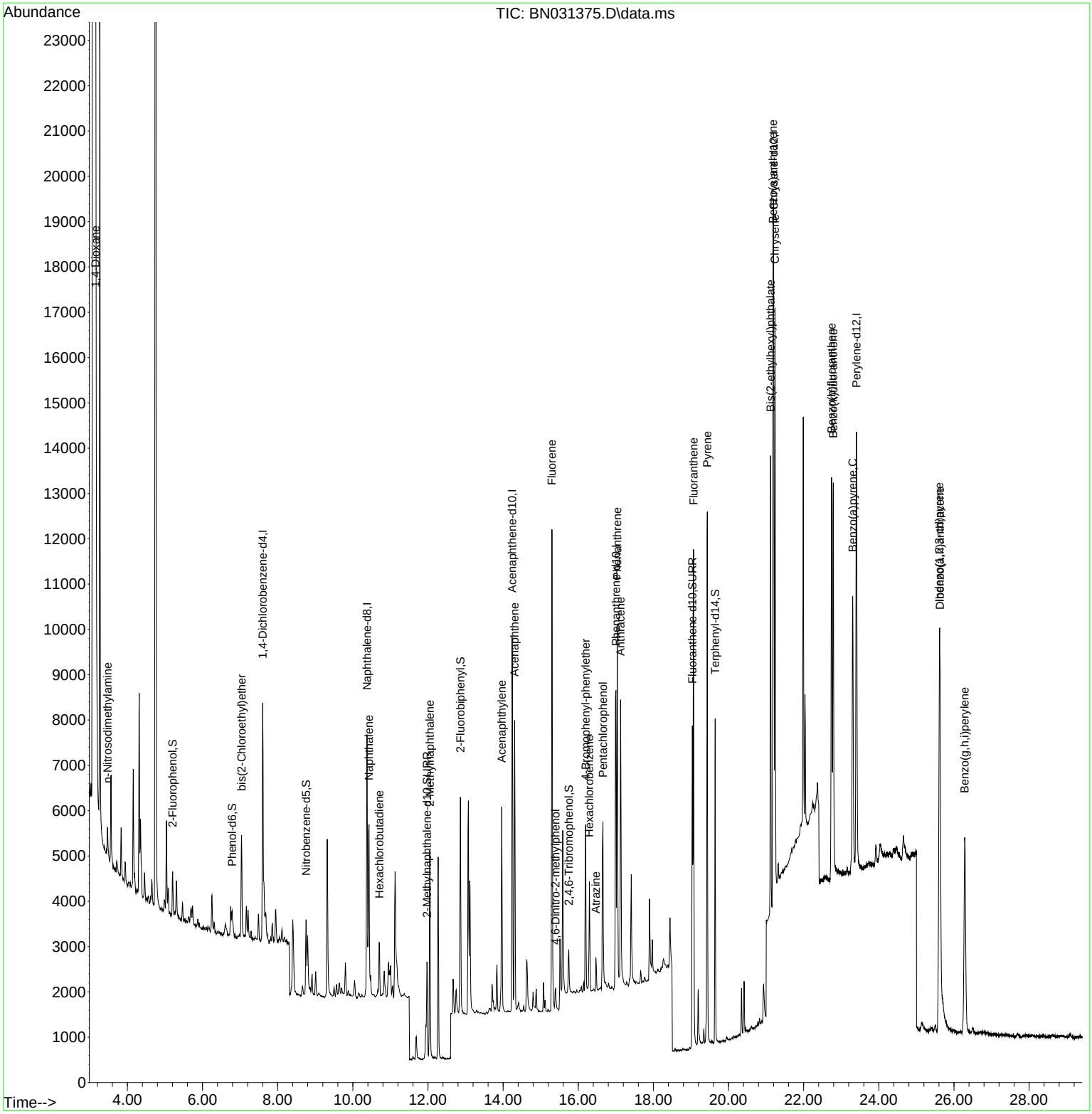
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.603	152	2616	0.400	ng		0.00
7) Naphthalene-d8	10.378	136	7914	0.400	ng		0.00
13) Acenaphthene-d10	14.242	164	4738	0.400	ng		0.00
19) Phenanthrene-d10	17.004	188	10663	0.400	ng	#	0.00
29) Chrysene-d12	21.202	240	11297	0.400	ng		0.00
35) Perylene-d12	23.405	264	12399	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	823	0.141	ng		0.00
5) Phenol-d6	6.787	99	575	0.081	ng		0.00
8) Nitrobenzene-d5	8.755	82	1471	0.269	ng		0.00
11) 2-Methylnaphthalene-d10	11.975	152	3051	0.250	ng		0.00
14) 2,4,6-Tribromophenol	15.750	330	570	0.310	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	4028	0.253	ng		0.00
27) Fluoranthene-d10	19.040	212	8208	0.286	ng		0.00
31) Terphenyl-d14	19.644	244	7001	0.267	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.154	88	12704	3.950	ng	#	93
3) n-Nitrosodimethylamine	3.472	42	424	0.141	ng	#	95
6) bis(2-Chloroethyl)ether	7.039	93	1691	0.242	ng		96
9) Naphthalene	10.432	128	5238	0.240	ng		98
10) Hexachlorobutadiene	10.709	225	1072	0.245	ng	#	100
12) 2-Methylnaphthalene	12.051	142	3329	0.229	ng	#	94
16) Acenaphthylene	13.964	152	4883	0.234	ng		98
17) Acenaphthene	14.306	154	3171	0.215	ng		98
18) Fluorene	15.301	166	4324	0.222	ng		99
20) 4,6-Dinitro-2-methylph...	15.397	198	376	0.336	ng	#	88
21) 4-Bromophenyl-phenylether	16.197	248	1487	0.235	ng	#	90
22) Hexachlorobenzene	16.296	284	1650	0.223	ng		96
23) Atrazine	16.470	200	570	0.124	ng		96
24) Pentachlorophenol	16.656	266	2011	0.802	ng		98
25) Phenanthrene	17.041	178	8069	0.256	ng		99
26) Anthracene	17.128	178	6753	0.259	ng		100
28) Fluoranthene	19.068	202	9720	0.258	ng		99
30) Pyrene	19.435	202	10175	0.232	ng		99
32) Benzo(a)anthracene	21.184	228	10193	0.259	ng		99
33) Chrysene	21.238	228	10242	0.239	ng		99
34) Bis(2-ethylhexyl)phtha...	21.121	149	8943	0.496	ng		99
36) Indeno(1,2,3-cd)pyrene	25.613	276	11491	0.199	ng		95
37) Benzo(b)fluoranthene	22.741	252	10761	0.210	ng	#	88
38) Benzo(k)fluoranthene	22.788	252	11073	0.221	ng	#	89
39) Benzo(a)pyrene	23.306	252	8607	0.202	ng	#	81
40) Dibenzo(a,h)anthracene	25.627	278	9302	0.201	ng	#	88
41) Benzo(g,h,i)perylene	26.288	276	9191	0.181	ng		96

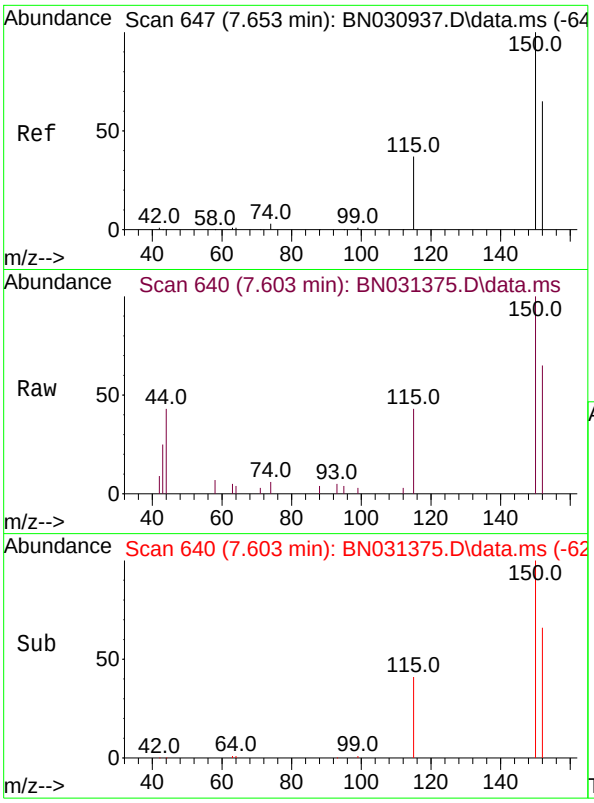
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031375.D
Acq On : 02 May 2024 17:24
Operator : MA/JU
Sample : P2329-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 02 17:59:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration



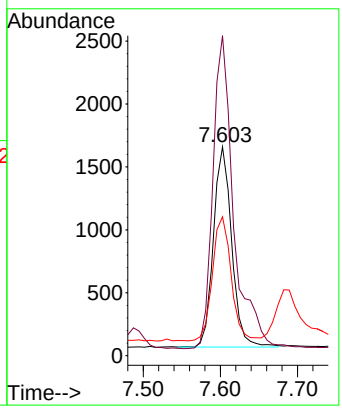


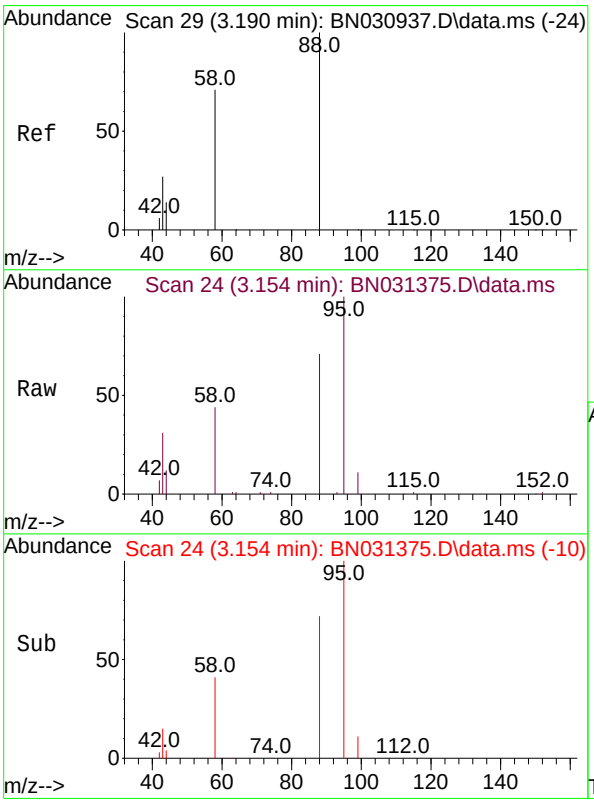
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.603 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2616

Ion	Ratio	Lower	Upper
152	100		
150	153.2	121.7	182.5
115	66.5	47.8	71.8

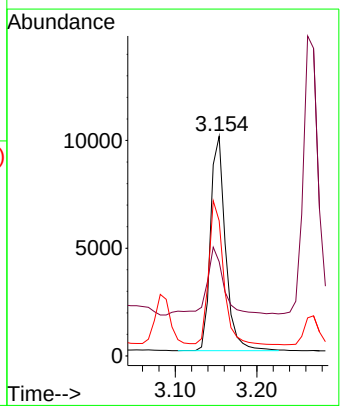


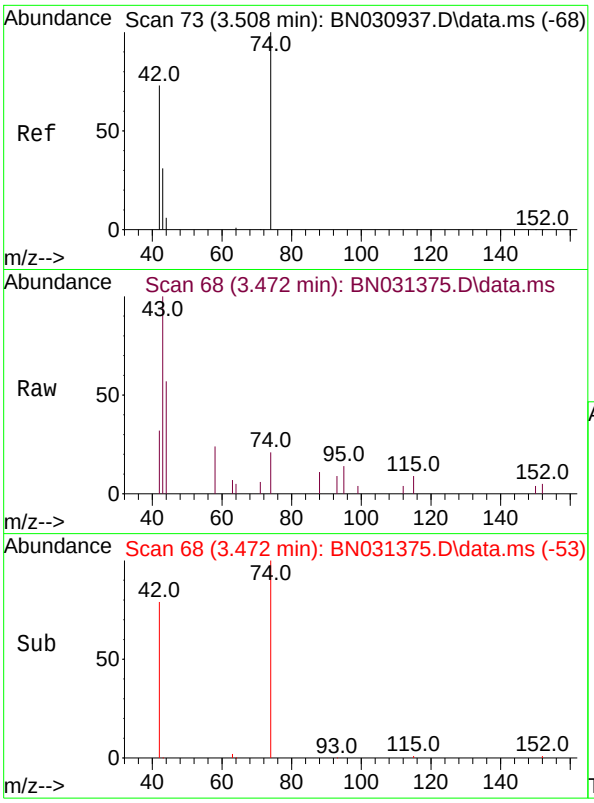


#2
1,4-Dioxane
Concen: 3.950 ng
RT: 3.154 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion: 88 Resp: 12704

Ion	Ratio	Lower	Upper
88	100		
43	37.2	23.7	35.5#
58	65.9	55.7	83.5



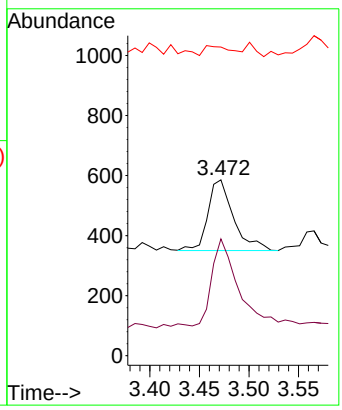


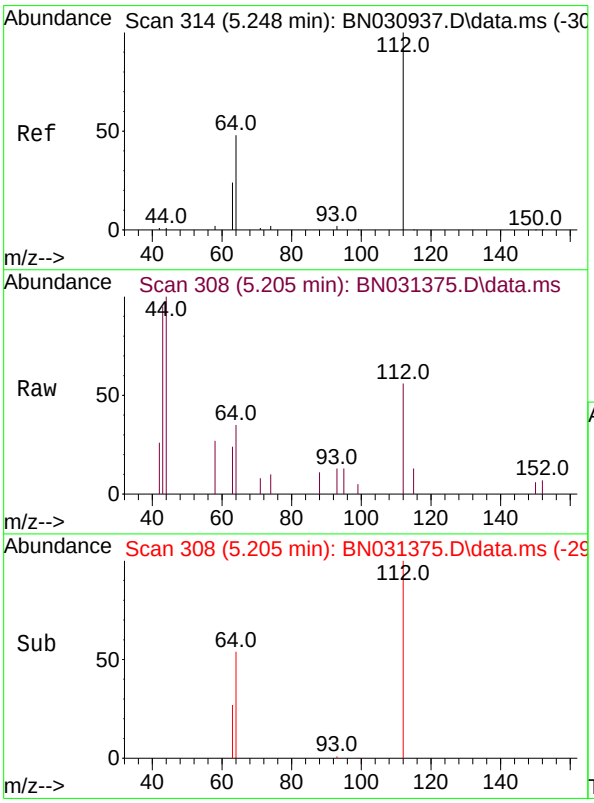
#3
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.472 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 424

Ion	Ratio	Lower	Upper
42	100		
74	124.1	103.1	154.7
44	13.9	7.0	10.6#

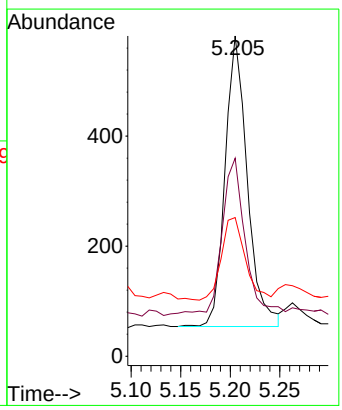


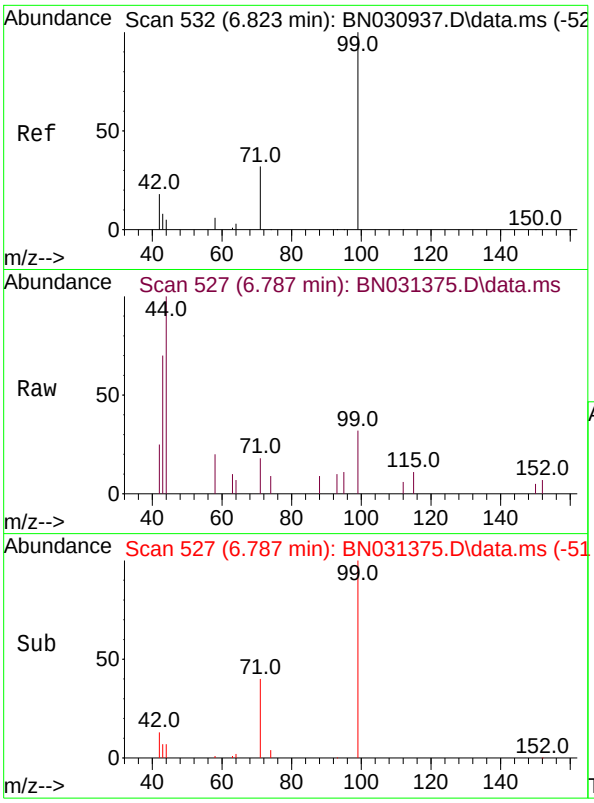


#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.205 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:112 Resp: 823

Ion	Ratio	Lower	Upper
112	100		
64	57.2	43.4	65.2
63	30.4	22.2	33.2



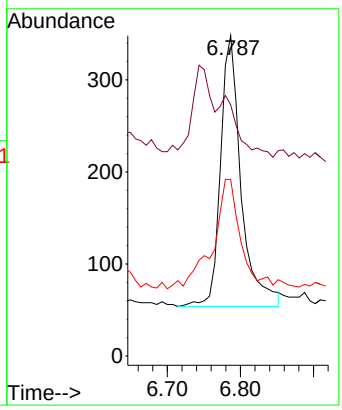


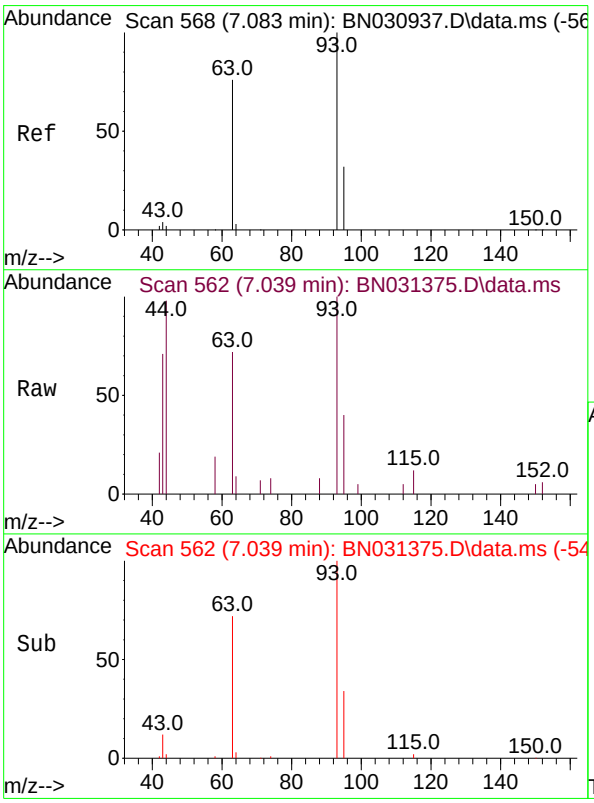
#5
Phenol-d6
Concen: 0.081 ng
RT: 6.787 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 575

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.4	24.6#
71	54.8	26.3	39.5#

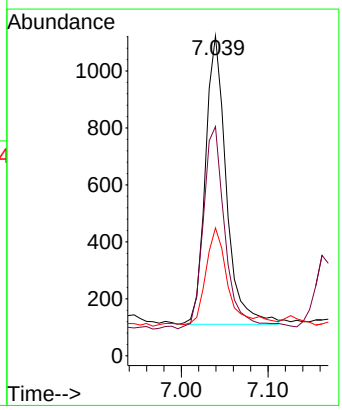


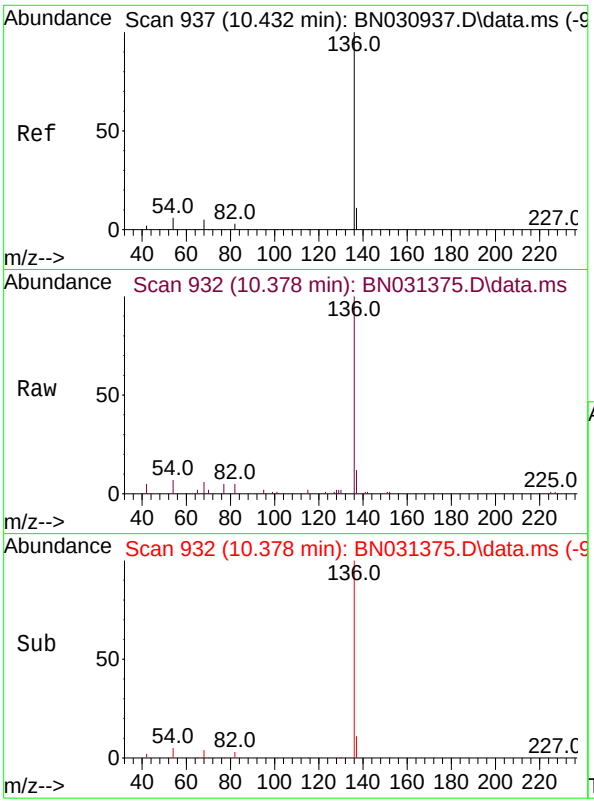


#6
bis(2-Chloroethyl)ether
Concen: 0.242 ng
RT: 7.039 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion: 93 Resp: 1691

Ion	Ratio	Lower	Upper
93	100		
63	73.2	61.8	92.8
95	35.5	27.4	41.0



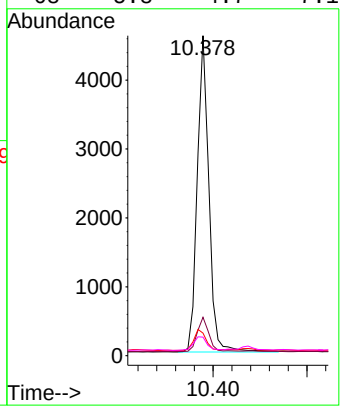


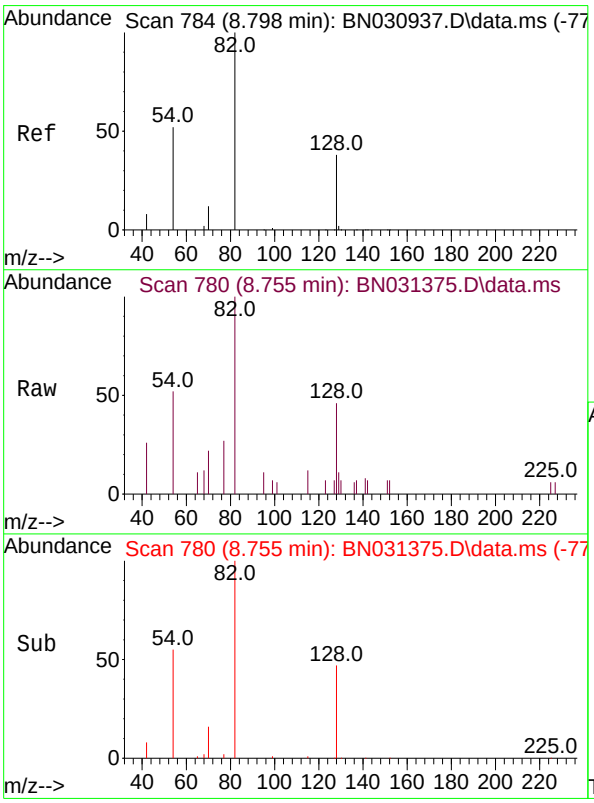
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 7914

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.0
54	7.0	5.3	7.9
68	5.8	4.7	7.1

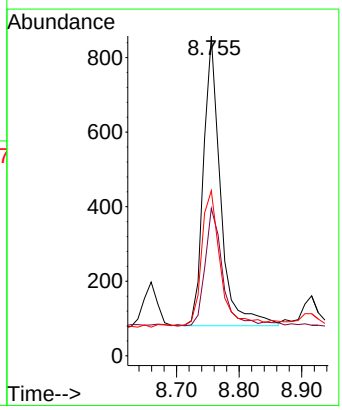


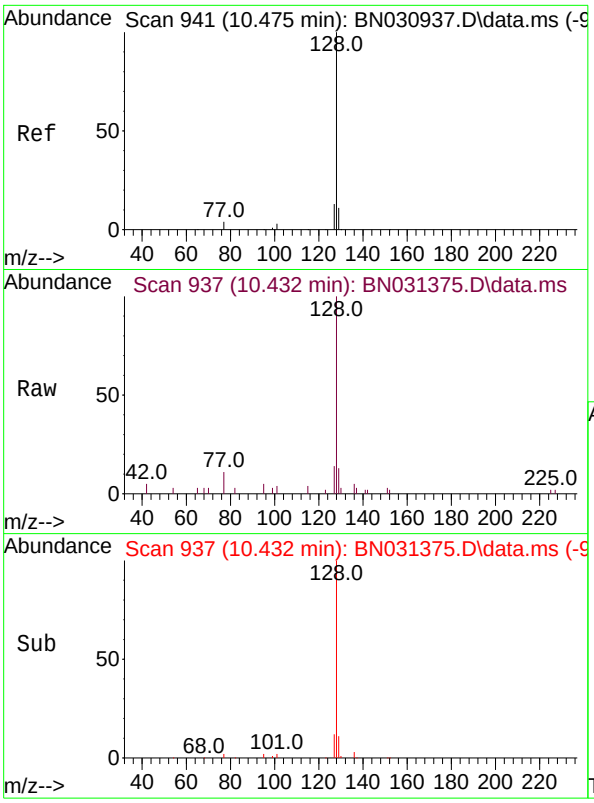


#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.755 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion: 82 Resp: 1471

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.7	50.5
54	51.6	43.7	65.5



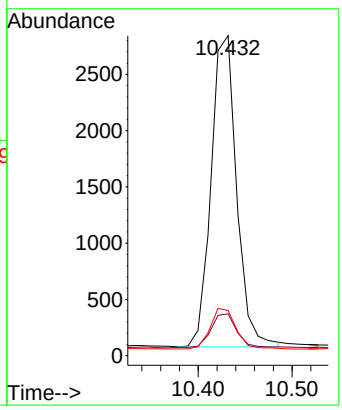


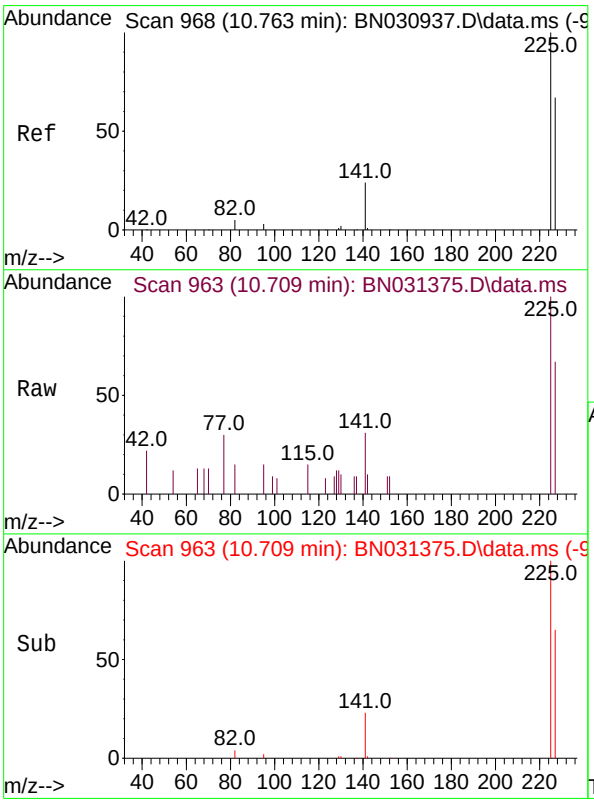
#9
Naphthalene
Concen: 0.240 ng
RT: 10.432 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5238

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.4	14.0
127	14.1	10.9	16.3

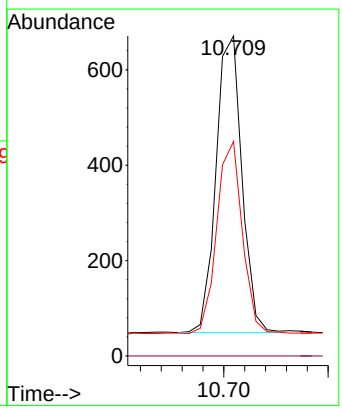


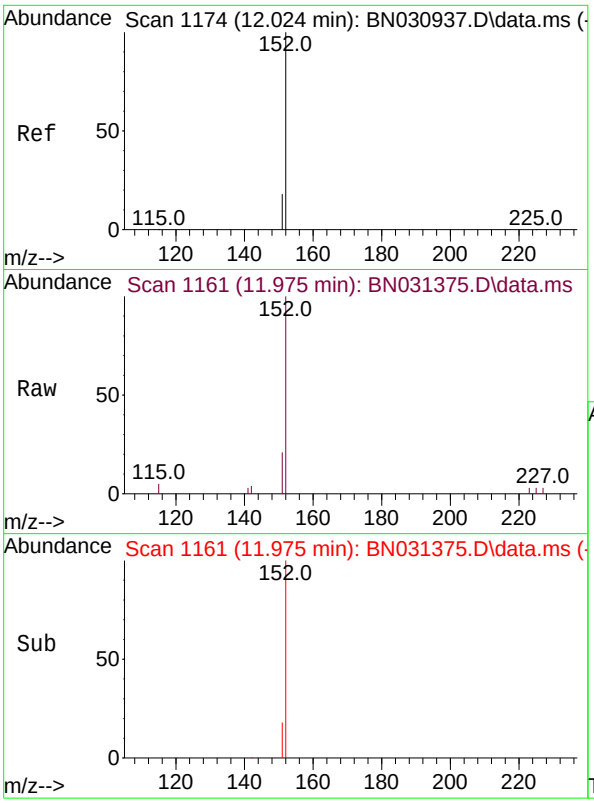


#10
Hexachlorobutadiene
Concen: 0.245 ng
RT: 10.709 min Scan# 963
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:225 Resp: 1072

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.3	76.9



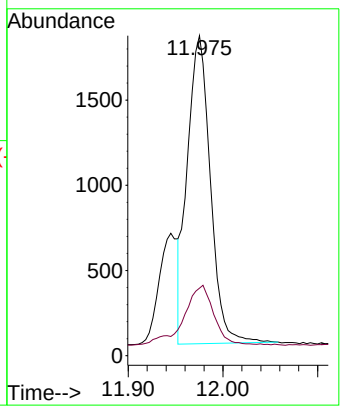


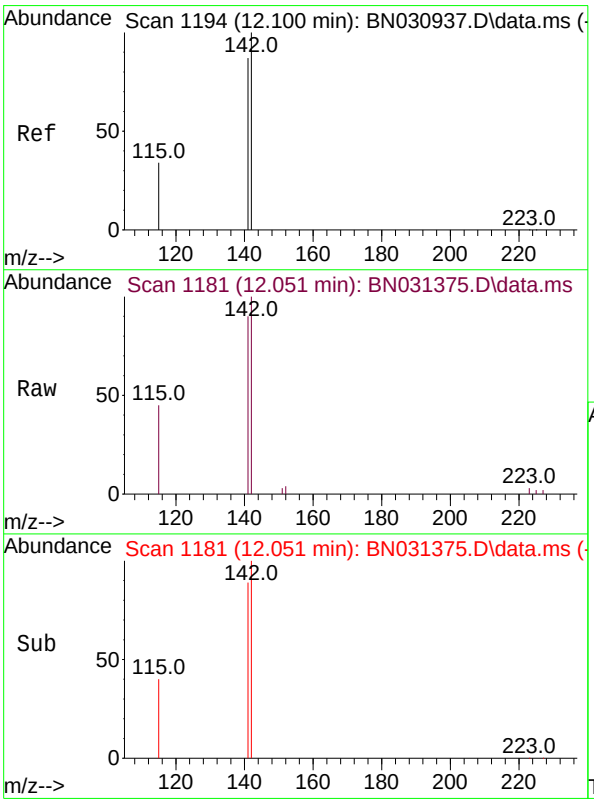
#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 11.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3051

Ion	Ratio	Lower	Upper
152	100		
151	26.1	16.7	25.1#

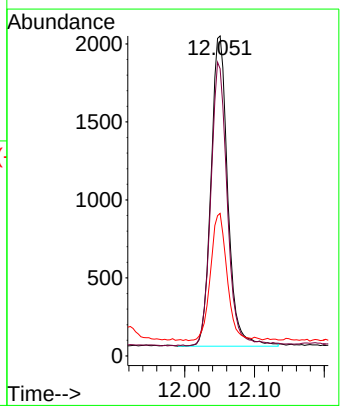


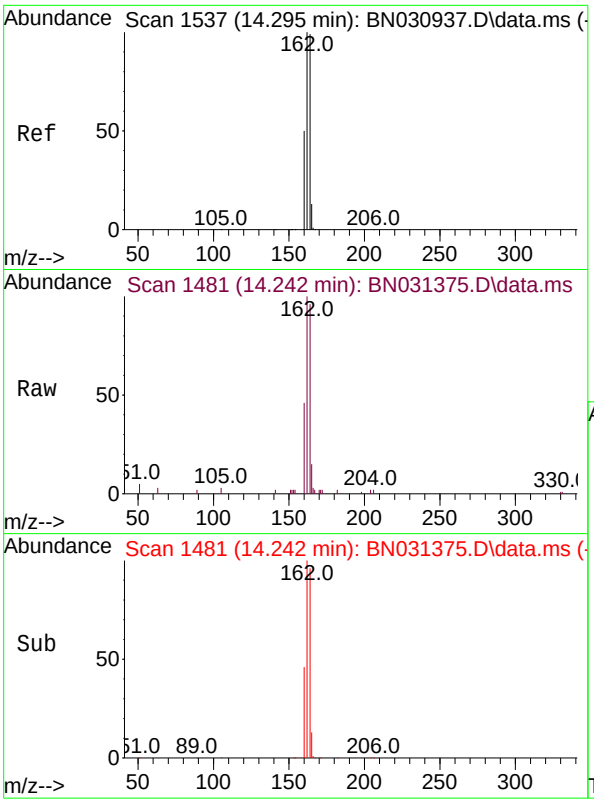


#12
2-Methylnaphthalene
Concen: 0.229 ng
RT: 12.051 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:142 Resp: 3329

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.8	104.8
115	44.5	28.3	42.5#



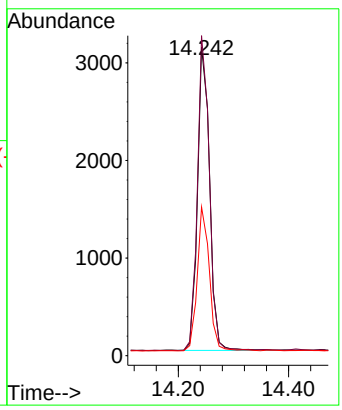


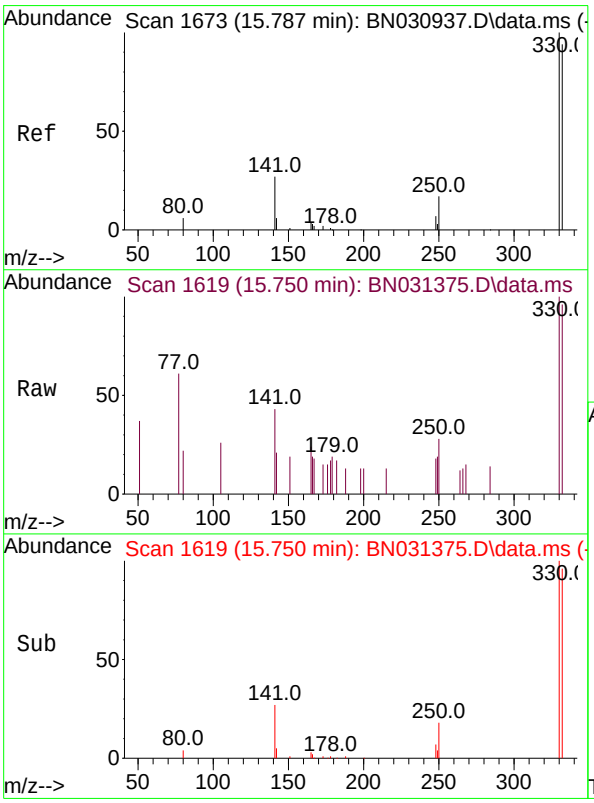
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4738

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	121.0
160	48.2	40.7	61.1

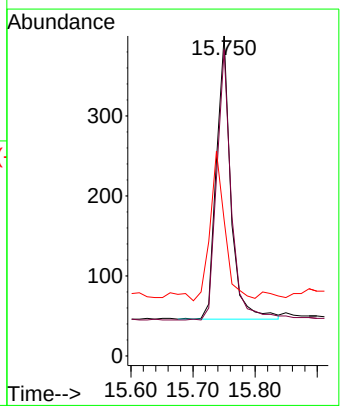


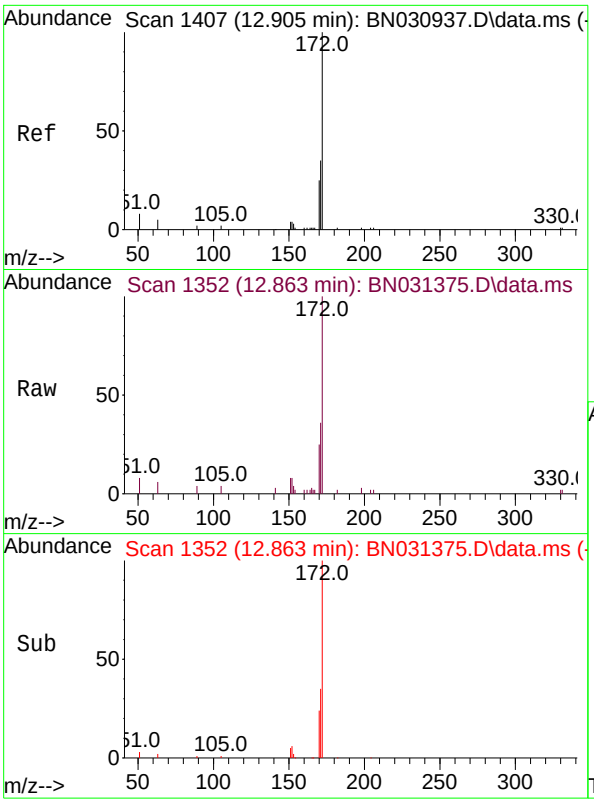


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.750 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:330 Resp: 570

Ion	Ratio	Lower	Upper
330	100		
332	96.3	74.2	111.2
141	54.4	37.2	55.8



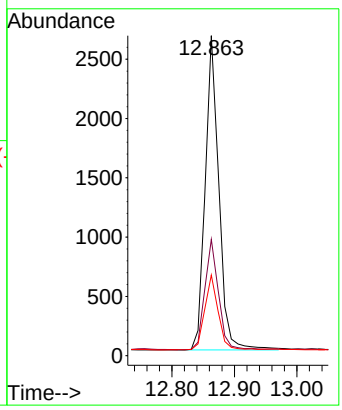


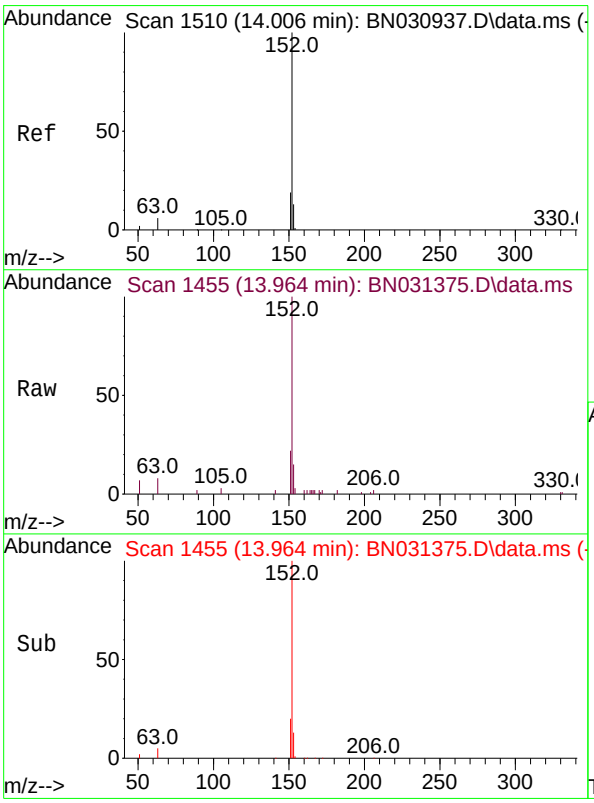
#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4028

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.3	42.5
170	25.2	19.8	29.8

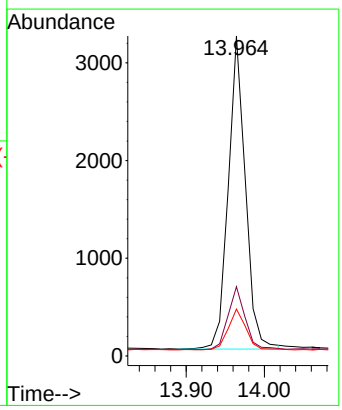


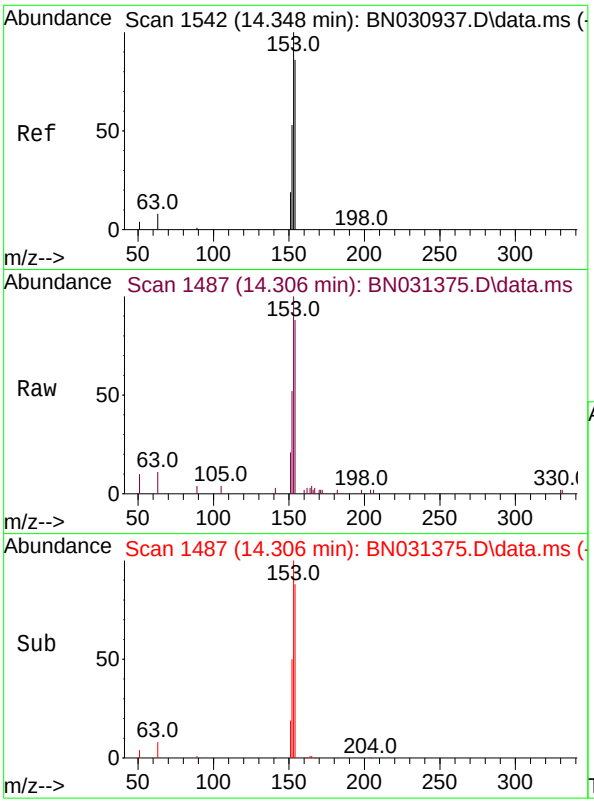


#16
Acenaphthylene
Concen: 0.234 ng
RT: 13.964 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:152 Resp: 4883

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.3	22.9
153	13.6	10.4	15.6



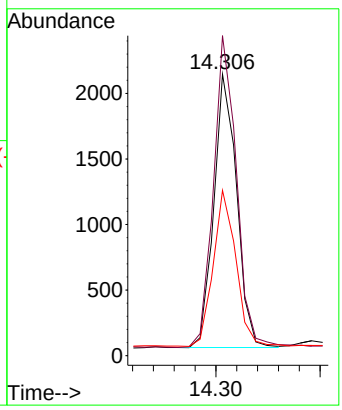


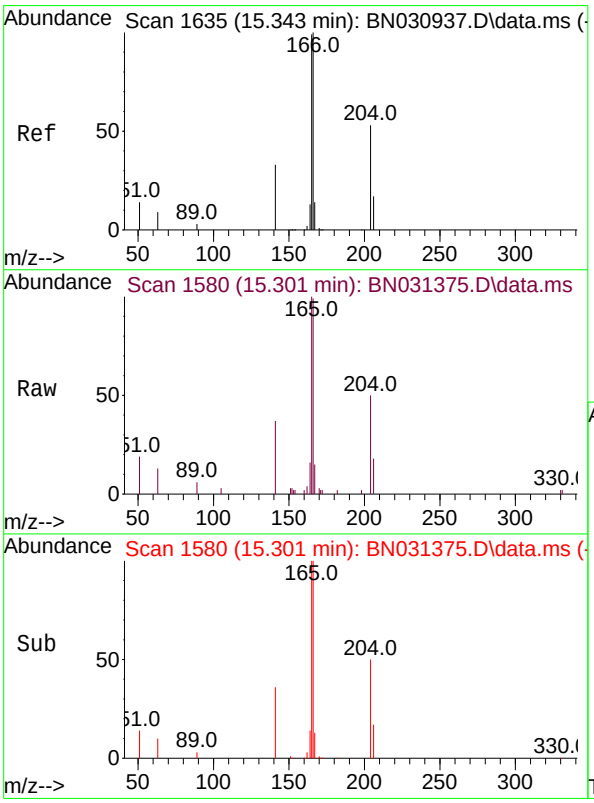
#17
Acenaphthene
Concen: 0.215 ng
RT: 14.306 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3171

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.1	136.7
152	56.4	47.6	71.4

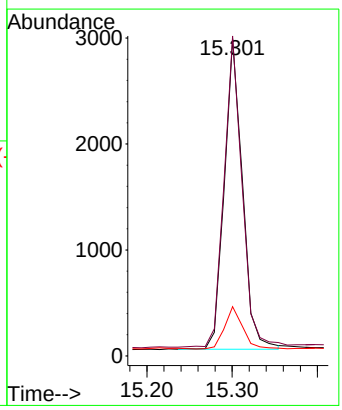


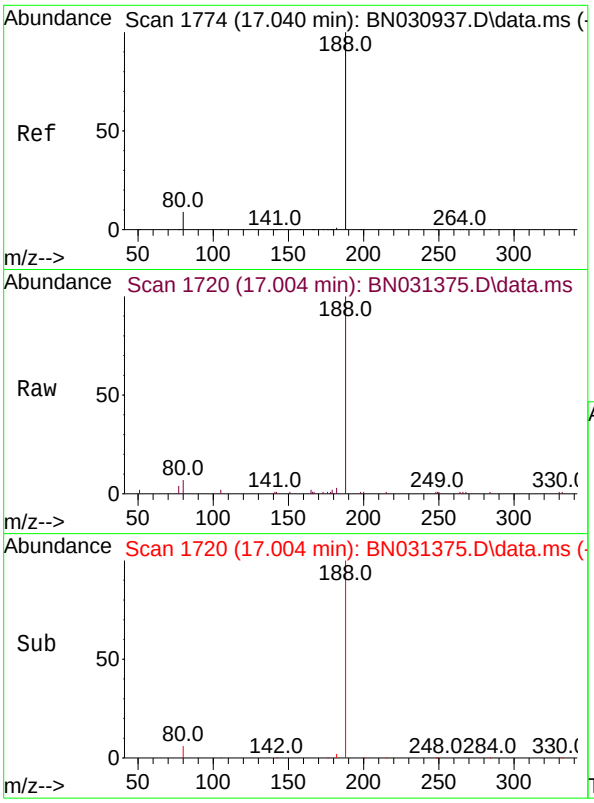


#18
Fluorene
Concen: 0.222 ng
RT: 15.301 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:166 Resp: 4324

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.3	117.5
167	13.8	11.1	16.7



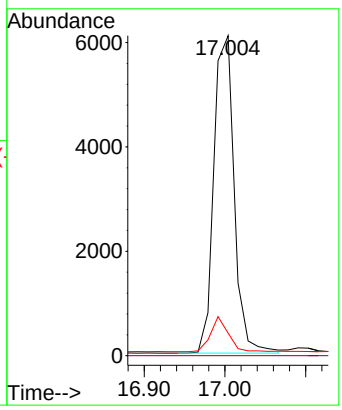


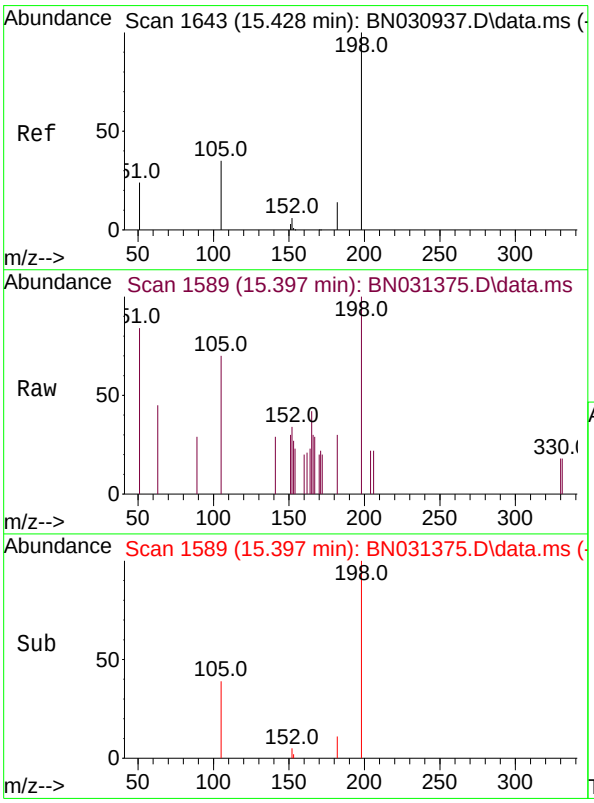
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10663

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	7.4	11.2#

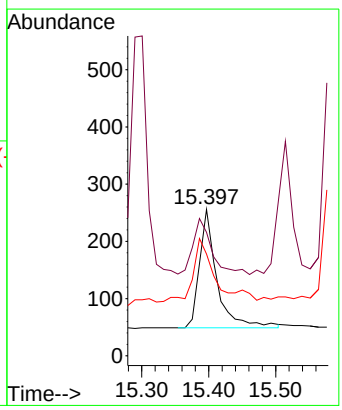


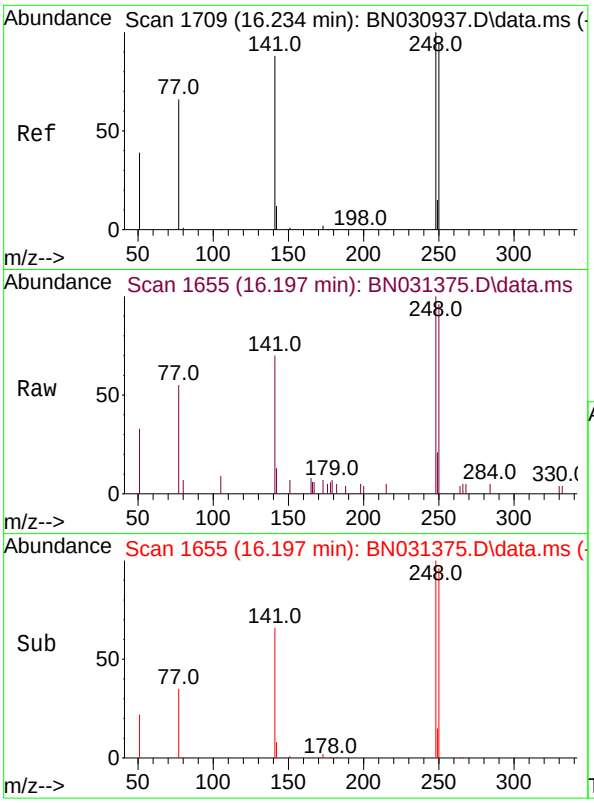


#20
4,6-Dinitro-2-methylphenol
Concen: 0.336 ng
RT: 15.397 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:198 Resp: 376

Ion	Ratio	Lower	Upper
198	100		
51	84.4	65.2	97.8
105	69.5	41.0	61.4#



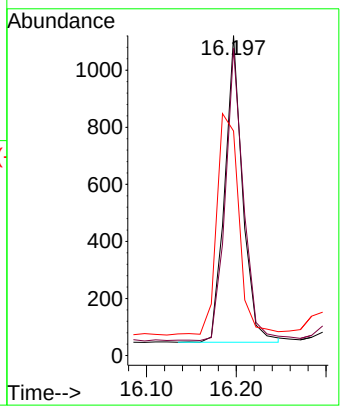


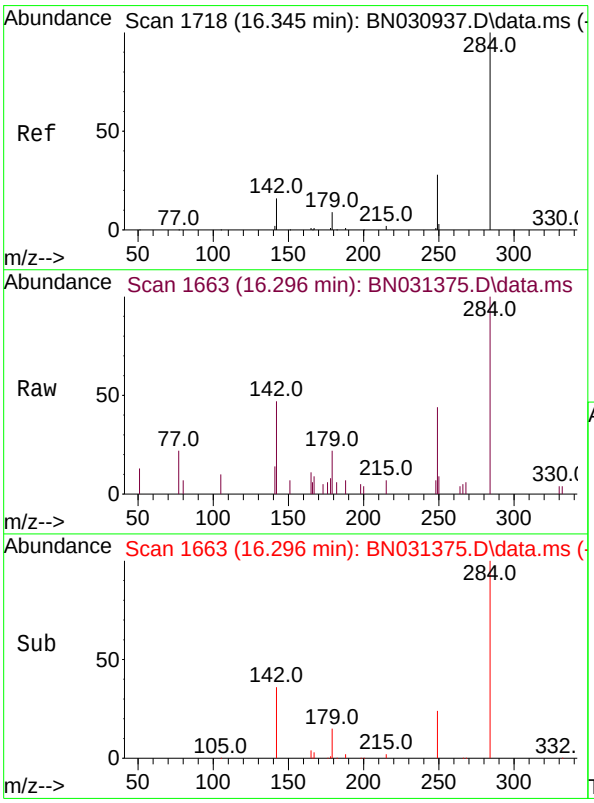
#21
4-Bromophenyl-phenylether
Concen: 0.235 ng
RT: 16.197 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1487

Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.1	114.1
141	70.2	71.1	106.7#

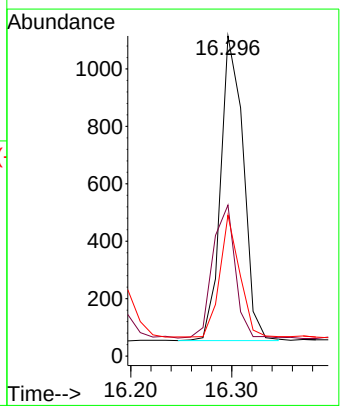


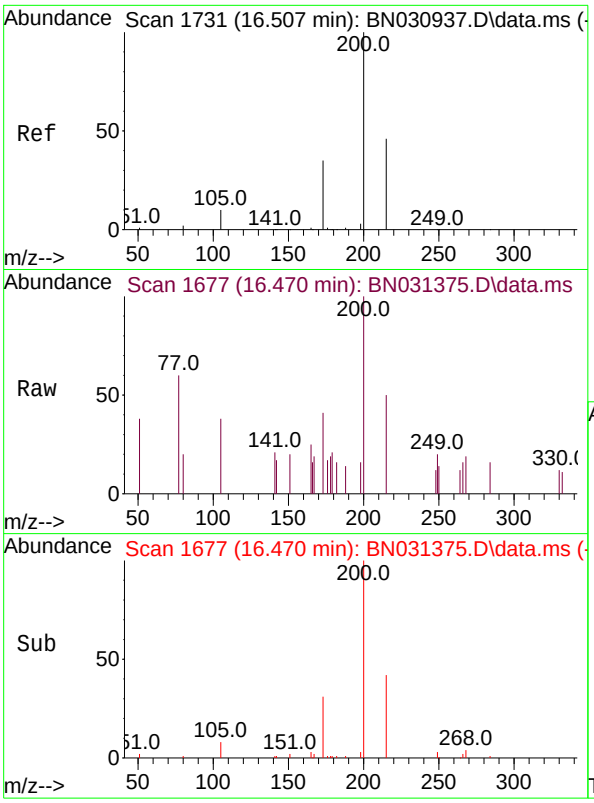


#22
Hexachlorobenzene
Concen: 0.223 ng
RT: 16.296 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:284 Resp: 1650

Ion	Ratio	Lower	Upper
284	100		
142	43.4	33.0	49.4
249	35.0	25.5	38.3



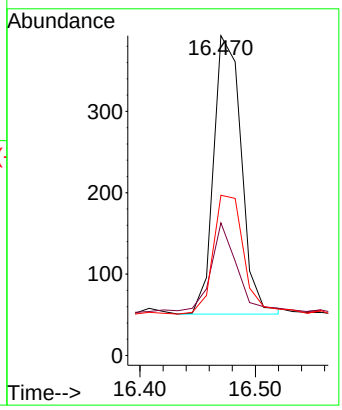


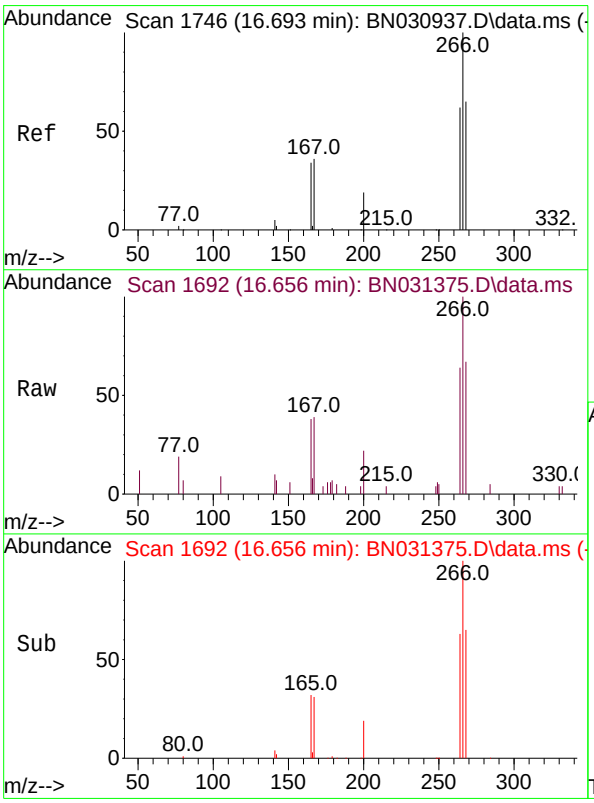
#23
Atrazine
Concen: 0.124 ng
RT: 16.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 570

Ion	Ratio	Lower	Upper
200	100		
173	41.5	29.9	44.9
215	50.1	38.7	58.1

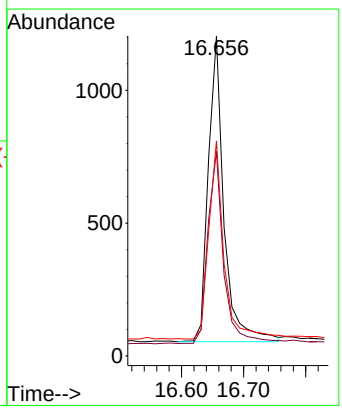


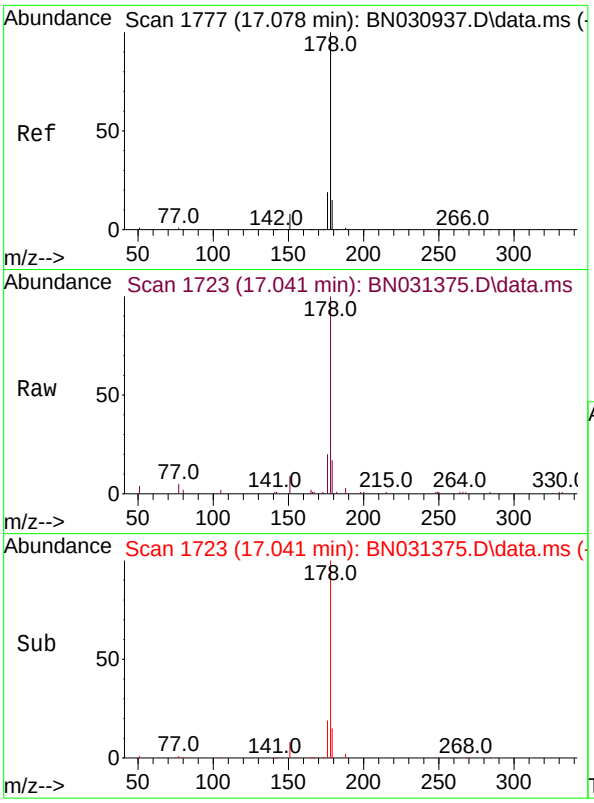


#24
Pentachlorophenol
Concen: 0.802 ng
RT: 16.656 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:266 Resp: 2011

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.2	75.2
268	63.3	52.3	78.5



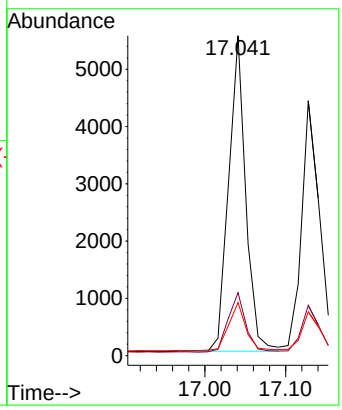


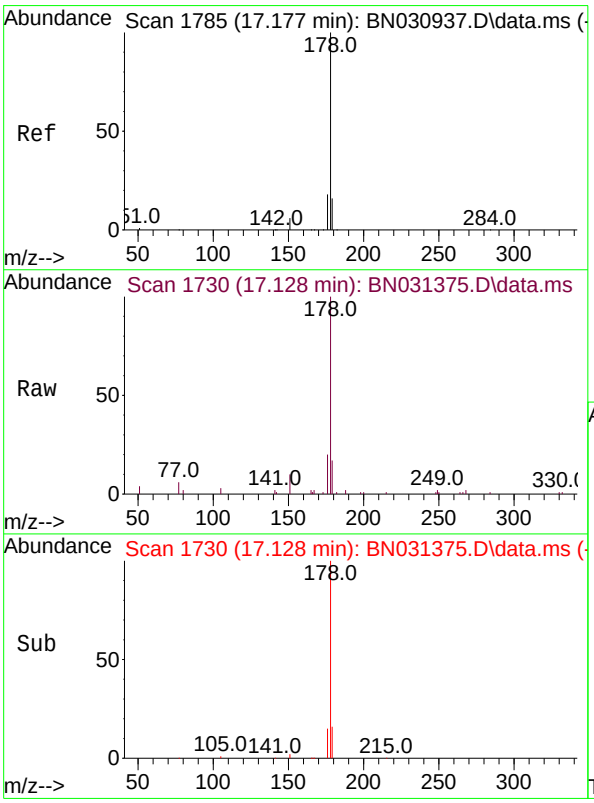
#25
Phenanthrene
Concen: 0.256 ng
RT: 17.041 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8069

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.4	12.2	18.2

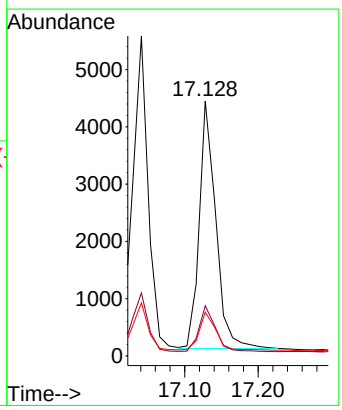


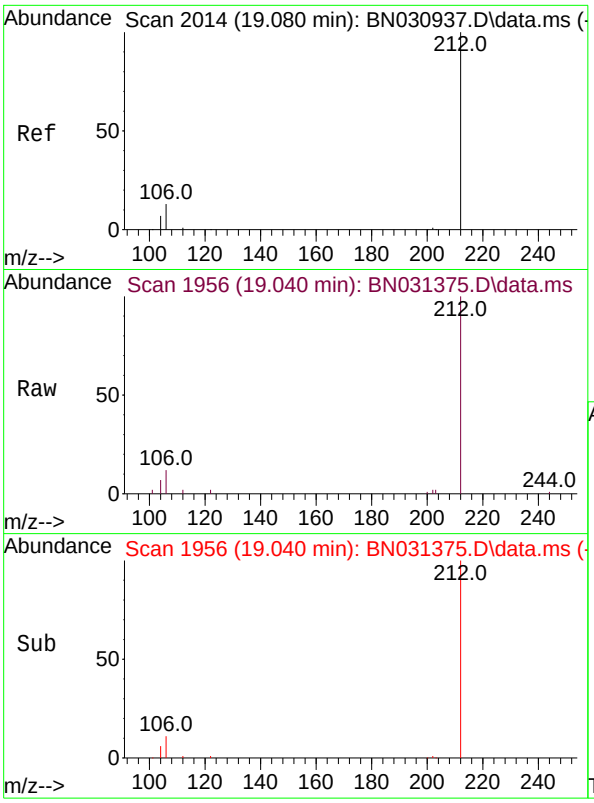


#26
Anthracene
Concen: 0.259 ng
RT: 17.128 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:178 Resp: 6753

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.2	12.3	18.5



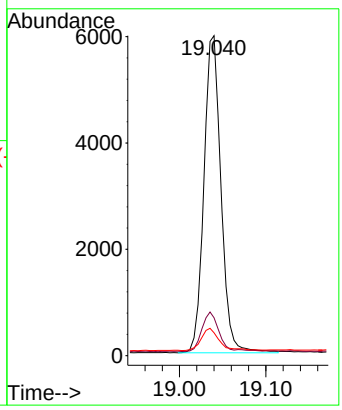


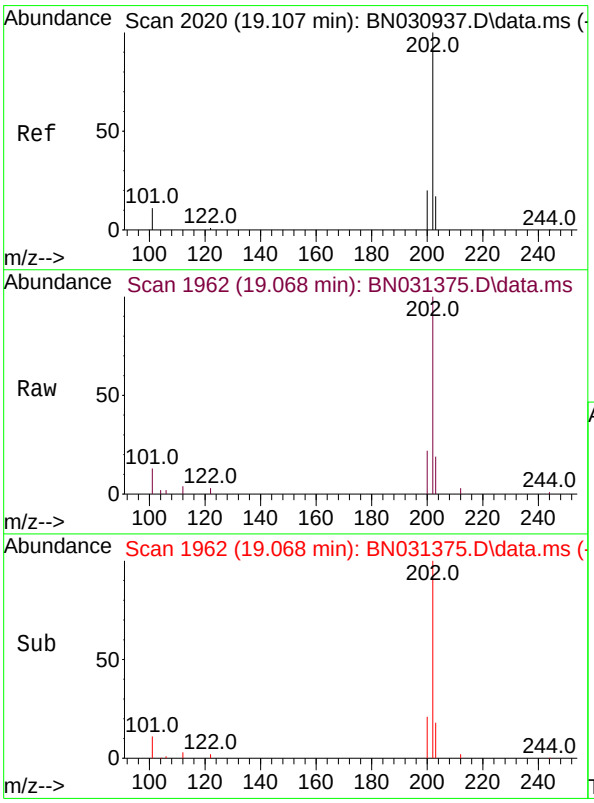
#27
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.040 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 8208

Ion	Ratio	Lower	Upper
212	100		
106	12.6	12.0	18.0
104	7.4	6.7	10.1

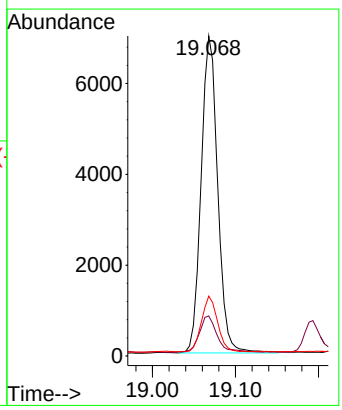


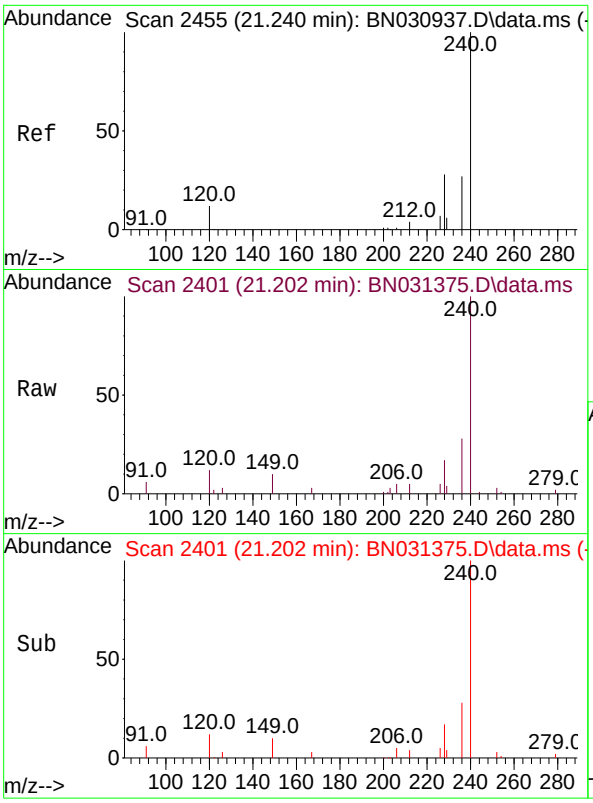


#28
Fluoranthene
Concen: 0.258 ng
RT: 19.068 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:202 Resp: 9720

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.4	14.2
203	17.0	13.8	20.8



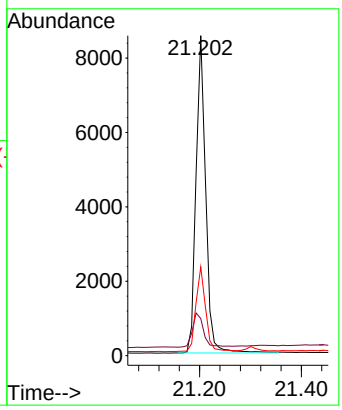


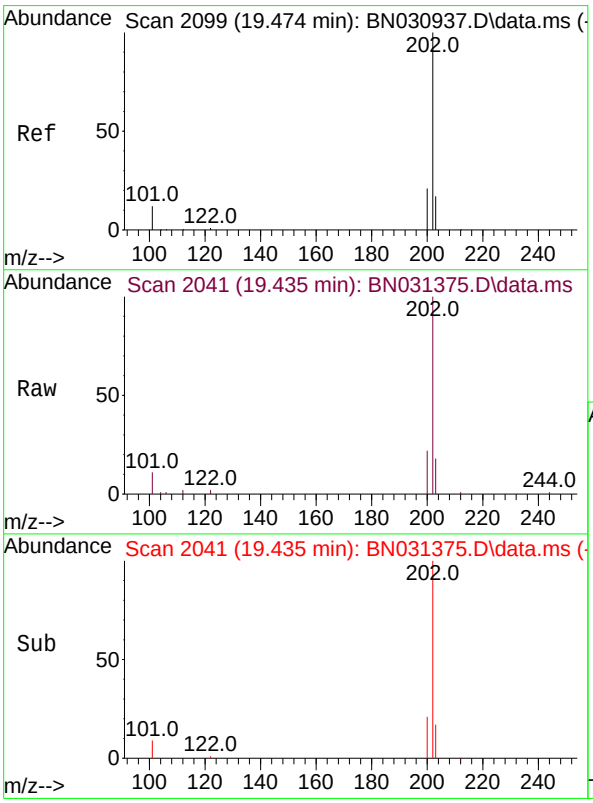
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11297

Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.0	16.4
236	27.7	22.3	33.5

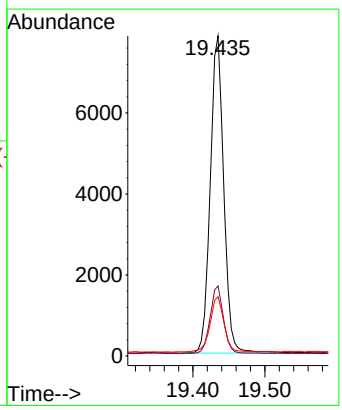


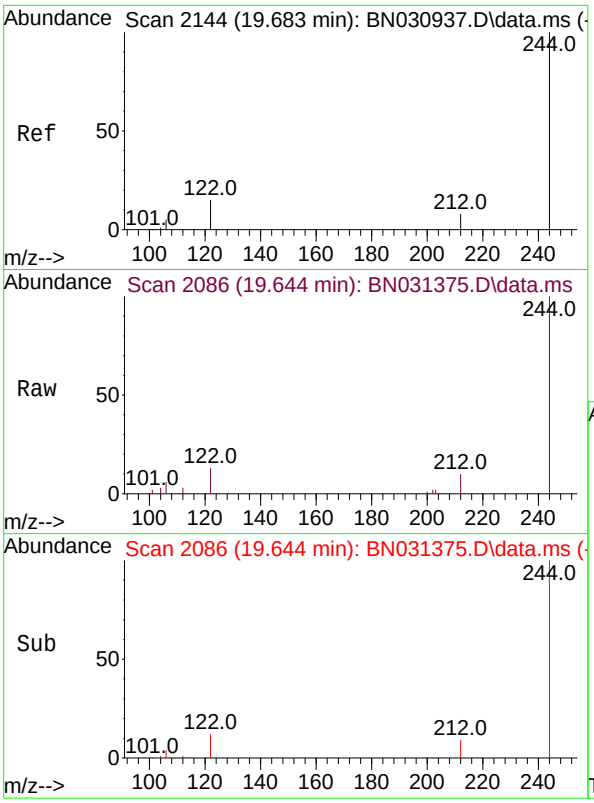


#30
Pyrene
Concen: 0.232 ng
RT: 19.435 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:202 Resp: 10175

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.4	14.3	21.5



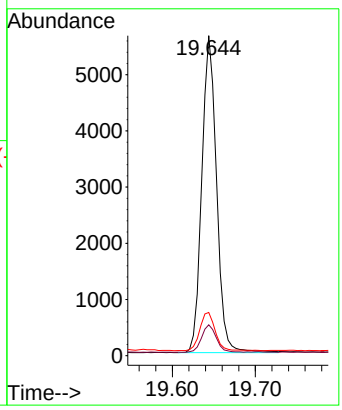


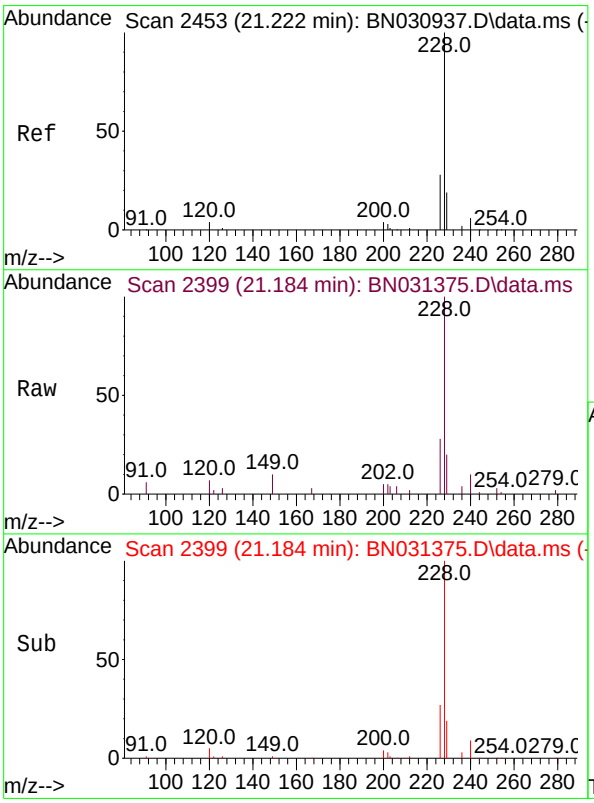
#31
Terphenyl-d14
Concen: 0.267 ng
RT: 19.644 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7001

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.2	10.8
122	13.5	12.7	19.1

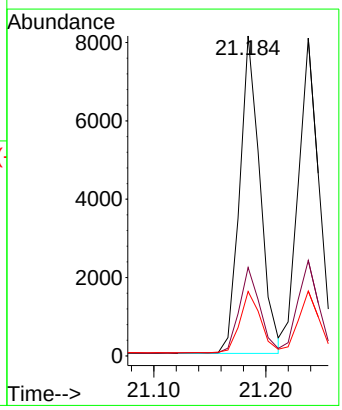


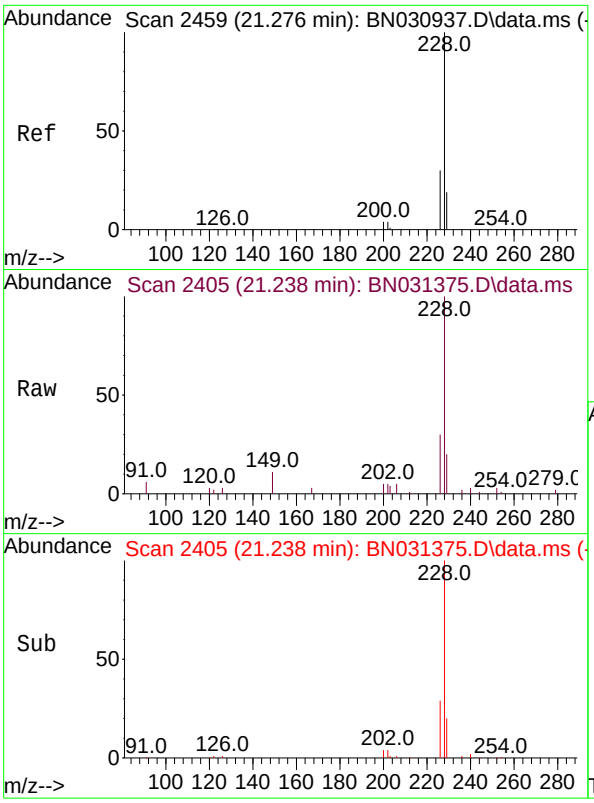


#32
Benzo(a)anthracene
Concen: 0.259 ng
RT: 21.184 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:228 Resp: 10193

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.4	33.6
229	20.2	15.7	23.5



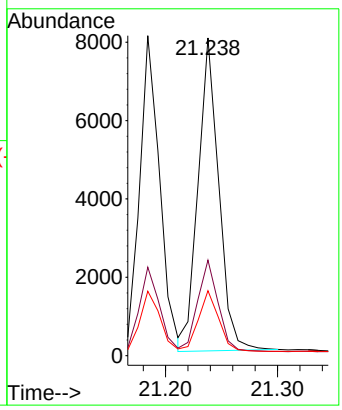


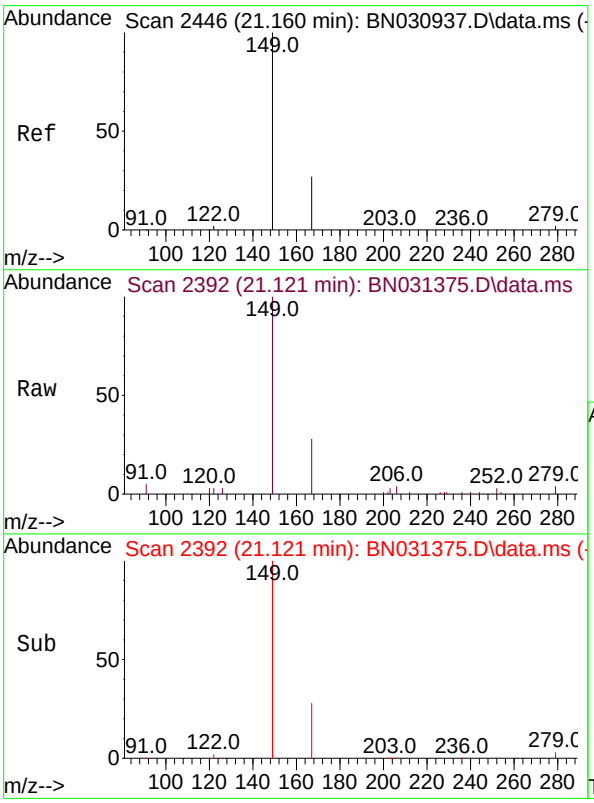
#33
Chrysene
Concen: 0.239 ng
RT: 21.238 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10242

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.4	15.8	23.6

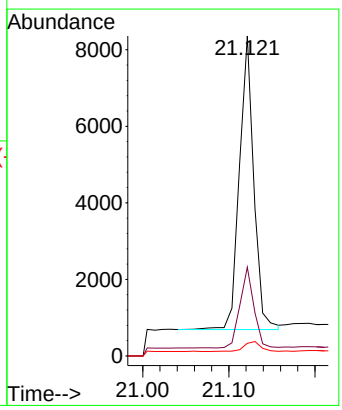


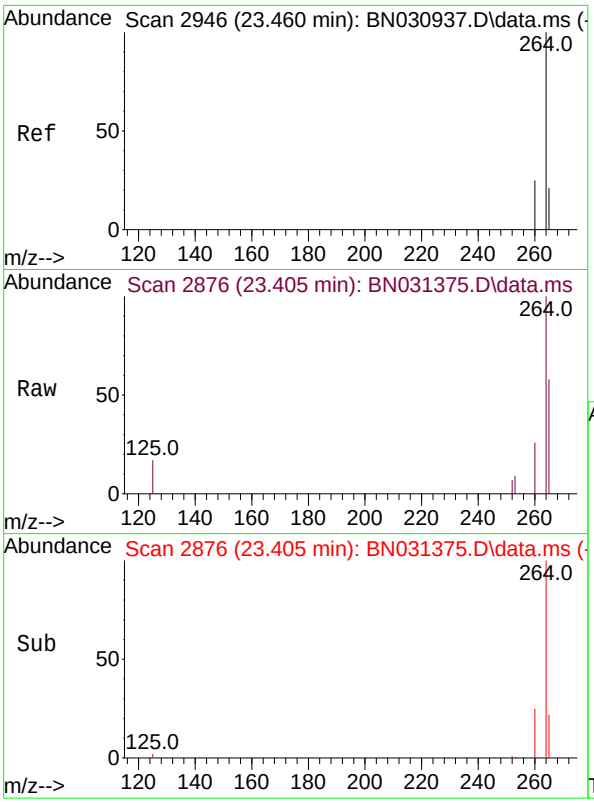


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.496 ng
RT: 21.121 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:149 Resp: 8943

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	4.1	2.9	4.3



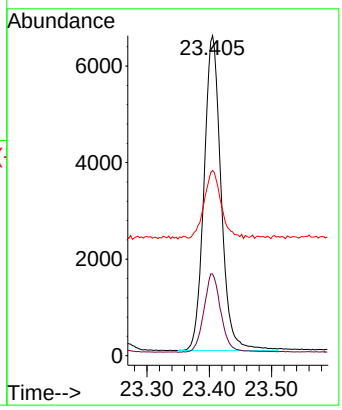


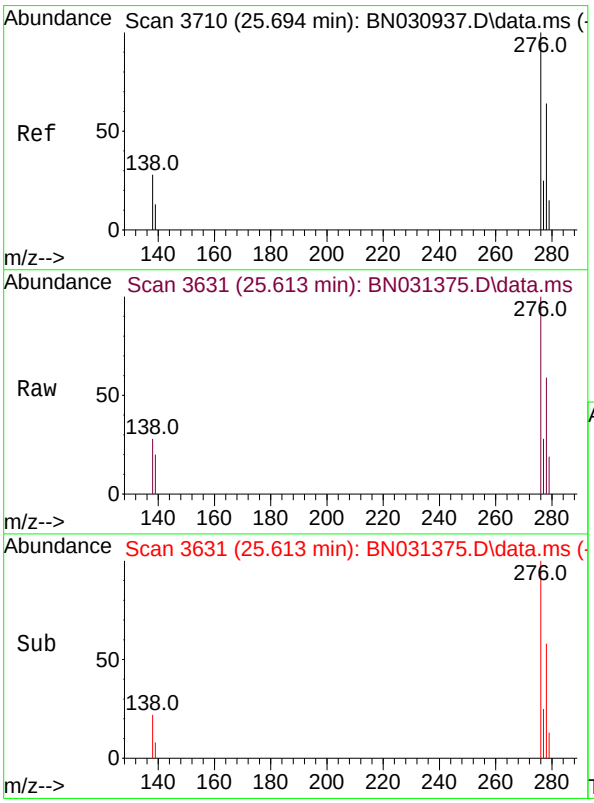
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.405 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 12399

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	31.0
265	57.8	53.3	79.9

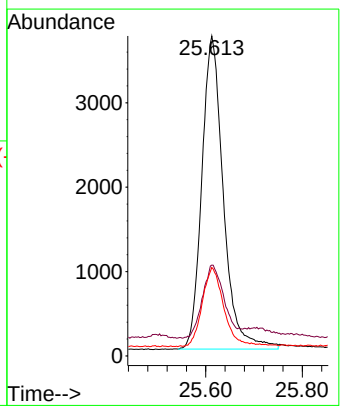


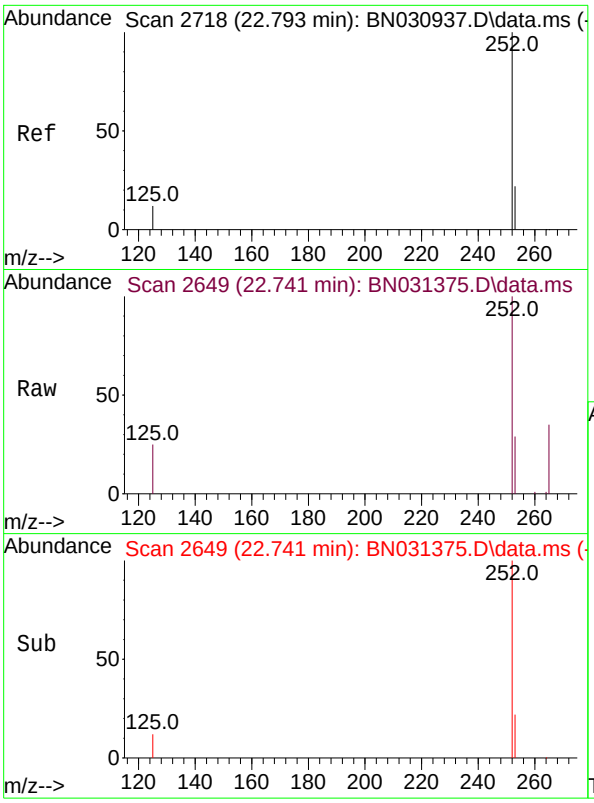


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng
RT: 25.613 min Scan# 3631
Delta R.T. -0.006 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:276 Resp: 11491

Ion	Ratio	Lower	Upper
276	100		
138	23.8	23.1	34.7
277	24.7	19.9	29.9



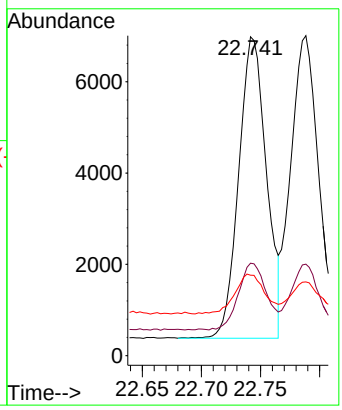


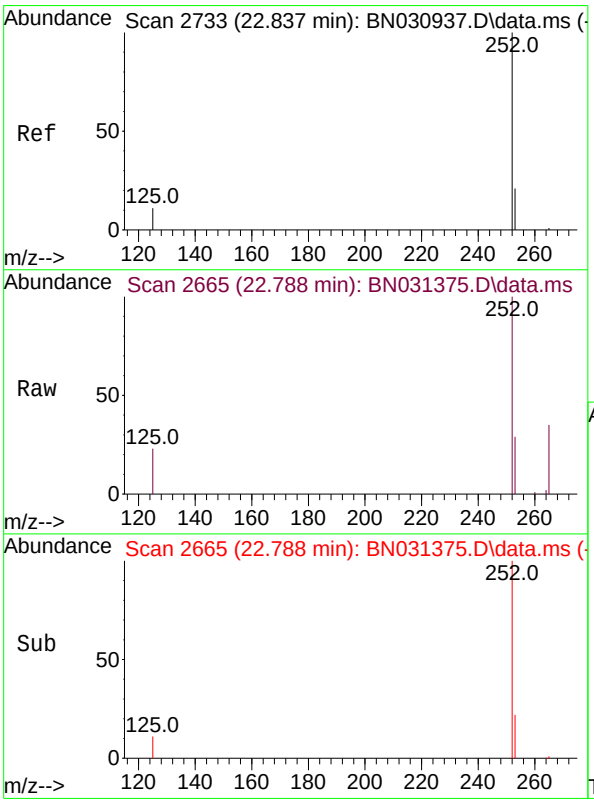
#37
Benzo(b)fluoranthene
Concen: 0.210 ng
RT: 22.741 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10761

Ion	Ratio	Lower	Upper
252	100		
253	29.0	20.2	30.2
125	25.3	13.4	20.2#

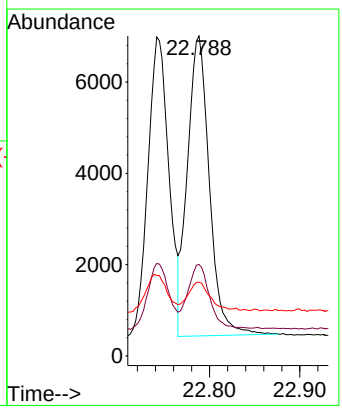


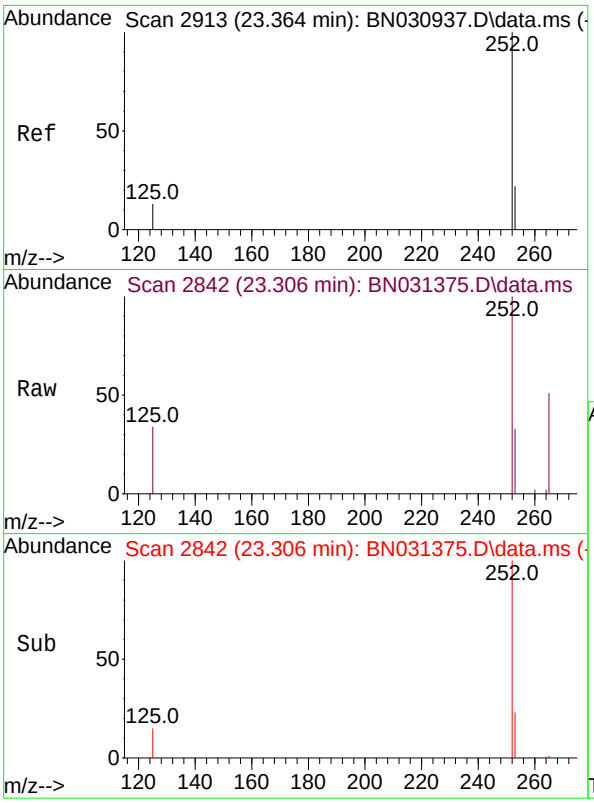


#38
Benzo(k)fluoranthene
Concen: 0.221 ng
RT: 22.788 min Scan# 2665
Delta R.T. -0.003 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:252 Resp: 11073

Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.9	29.9
125	23.1	13.2	19.8#



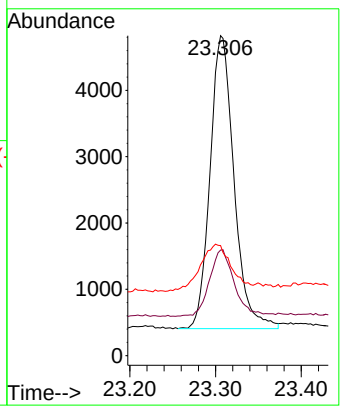


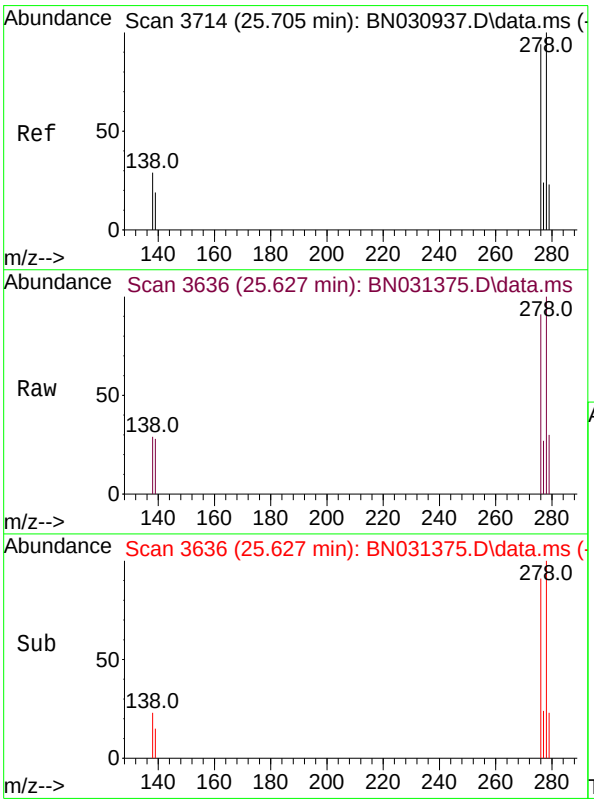
#39
Benzo(a)pyrene
Concen: 0.202 ng
RT: 23.306 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8607

Ion	Ratio	Lower	Upper
252	100		
253	33.0	21.4	32.2#
125	34.4	16.6	25.0#

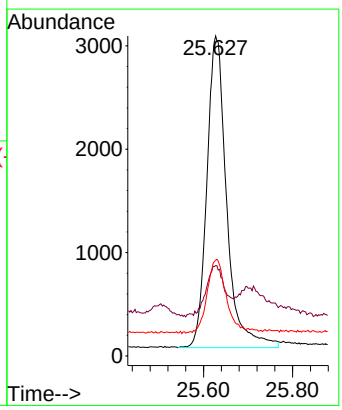


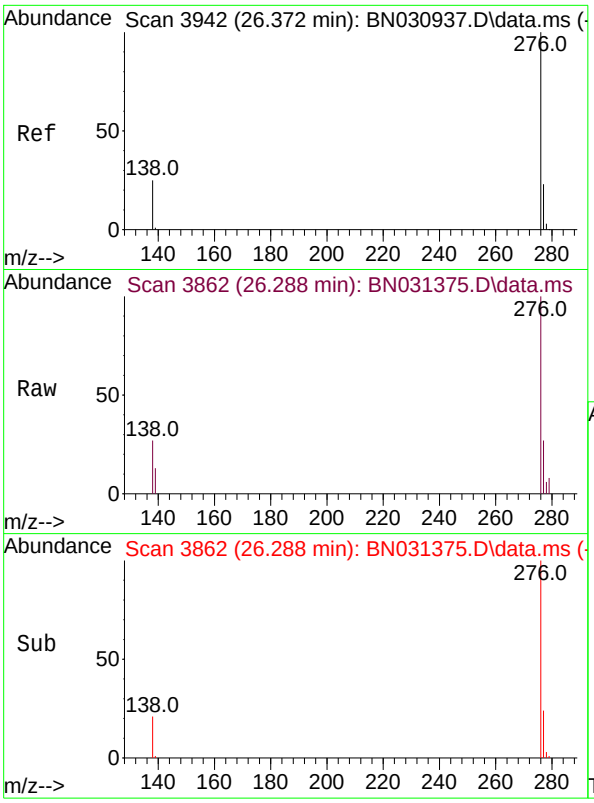


#40
Dibenzo(a,h)anthracene
Concen: 0.201 ng
RT: 25.627 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Tgt Ion:278 Resp: 9302

Ion	Ratio	Lower	Upper
278	100		
139	28.2	16.3	24.5#
279	29.9	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.181 ng
RT: 26.288 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN031375.D
Acq: 02 May 2024 17:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9191

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.4	29.2
138	27.2	21.0	31.4