Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090119\
Data File : BN007529.D
Acq On : 01 Sep 2019 17:25
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 02 08:14:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5594	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	26050	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	16032	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	38535	0.40	ng		0.00
27) Chrysene-d12	21.00	240	37634	0.40	ng		-0.01
34) Perylene-d12	23.11	264	35503	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	6203	0.31	ng		-0.02
5) Phenol-d6	6.59	99	7844	0.31	ng		0.00
8) Nitrobenzene-d5	8.53	82	7485	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	17352	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	2771	0.33	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	25356	0.39	ng		0.00
25) Fluoranthene-d10	18.83	212	47532	0.38	ng		-0.01
29) Terphenyl-d14	19.45	244	39275	0.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	3338	0.359	ng	#	86
3) n-Nitrosodimethylamine	3.33	42	1211	0.280	ng	#	78
6) bis(2-Chloroethyl)ether	6.83	93	8123	0.402	ng		97
9) Naphthalene	10.19	128	28786	0.387	ng	#	90
10) Hexachlorobutadiene	10.49	225	5368	0.352	ng	#	98
12) 2-Methylnaphthalene	11.82	142	20551	0.405	ng		96
16) Acenaphthylene	13.76	152	32427	0.342	ng		99
17) Acenaphthene	14.10	154	21995	0.396	ng		97
18) Fluorene	15.09	166	28311	0.403	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2239	0.147	ng	#	83
21) Hexachlorobenzene	16.10	284	10354	0.401	ng		96
22) Pentachlorophenol	16.45	266	2147	0.268	ng	#	64
23) Phenanthrene	16.83	178	47193	0.407	ng		99
24) Anthracene	16.92	178	42665	0.366	ng		99
26) Fluoranthene	18.86	202	58259	0.391	ng		99
28) Pyrene	19.23	202	60311	0.398	ng		99
30) Benzo(a)anthracene	20.99	228	54408	0.368	ng		100
31) Chrysene	21.05	228	57225	0.401	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	30413	0.299	ng		99
33) Indeno(1,2,3-cd)pyrene	25.16	276	53550	0.312	ng		93
35) Benzo(b)fluoranthene	22.49	252	54571	0.424	ng	#	96
36) Benzo(k)fluoranthene	22.53	252	54737	0.431	ng		97
37) Benzo(a)pyrene	23.02	252	46526	0.380	ng	#	95
38) Dibenzo(a,h)anthracene	25.18	278	42579	0.349	ng	#	74
39) Benzo(g,h,i)perylene	25.78	276	42746	0.351	ng		100

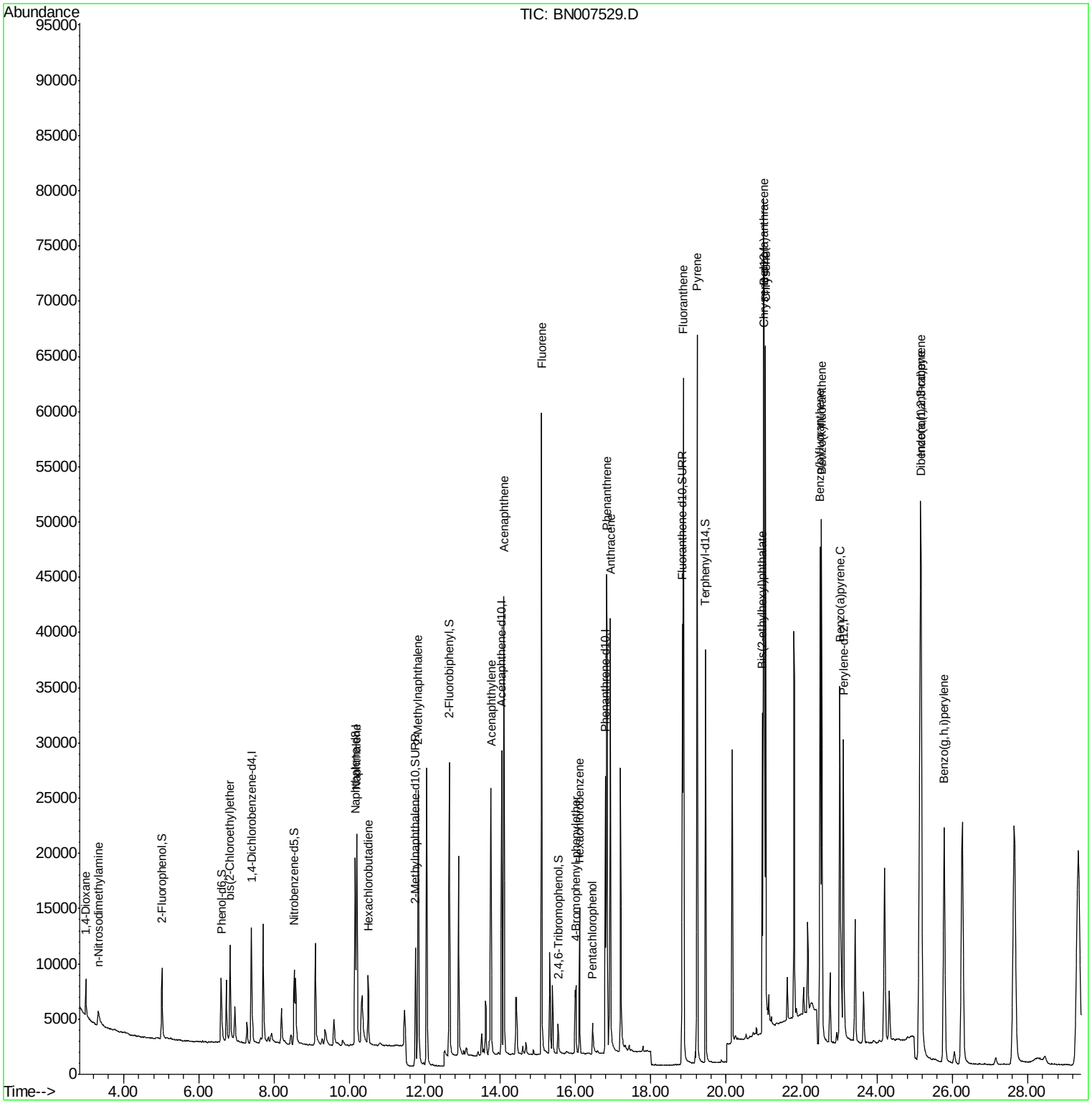
(#) = qualifier out of range (m) = manual integration (+) = signals summed

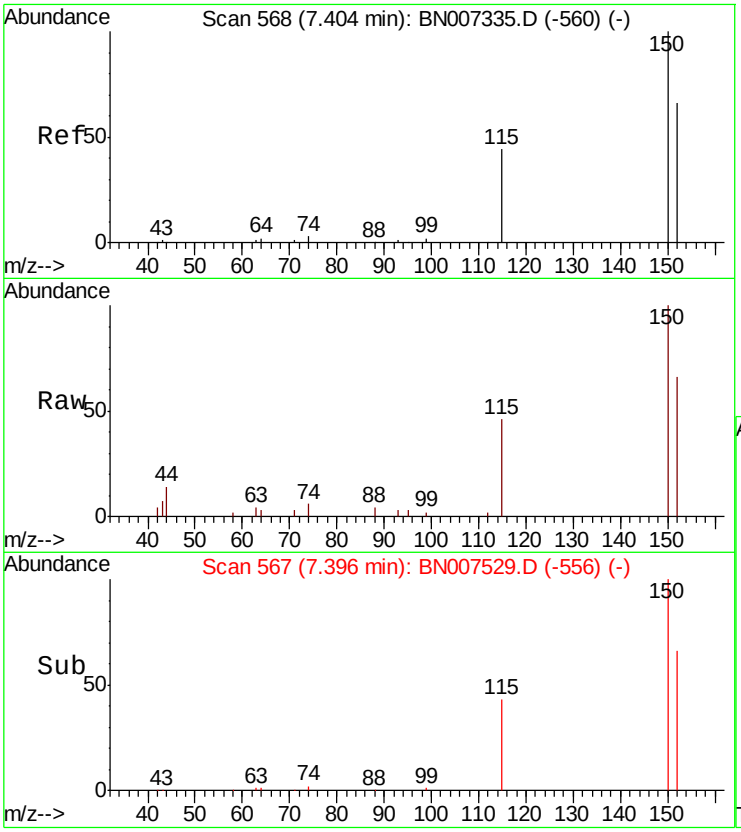
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090119\
Data File : BN007529.D
Acq On : 01 Sep 2019 17:25
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 02 08:14:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



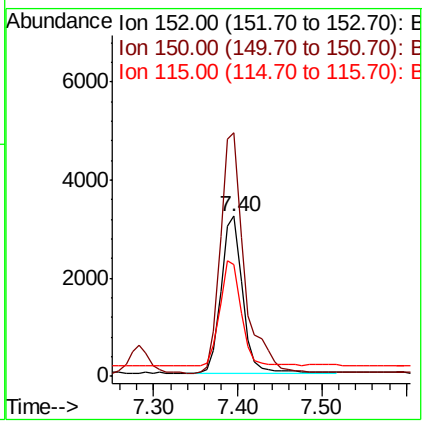


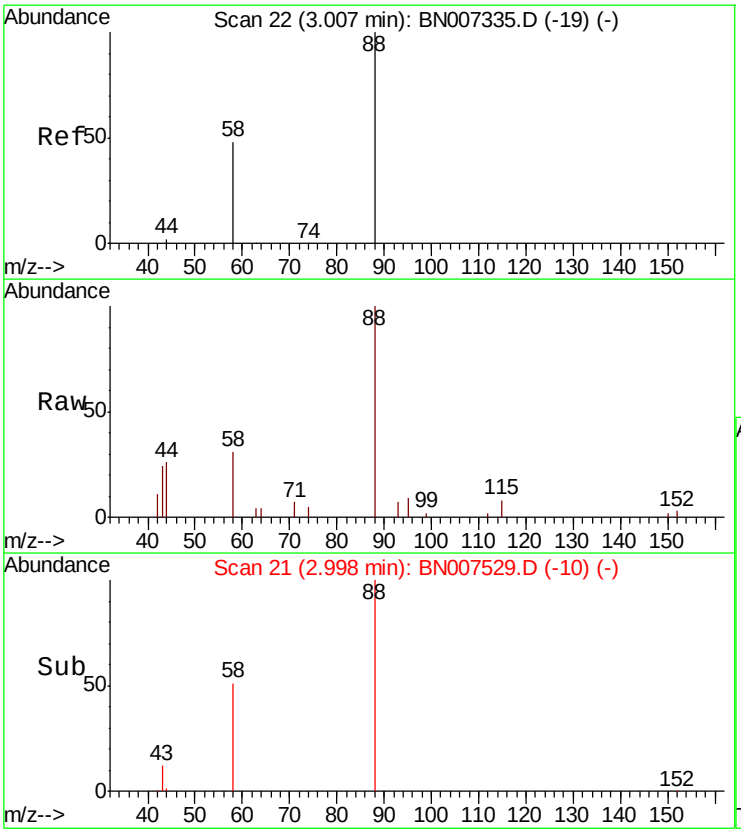
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5594

Ion	Ratio	Lower	Upper
152	100		
150	152.4	109.1	163.7
115	70.1	59.6	89.4

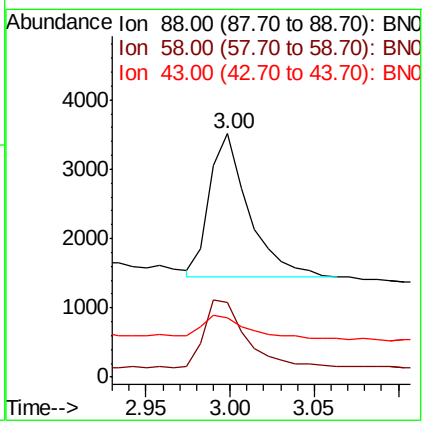


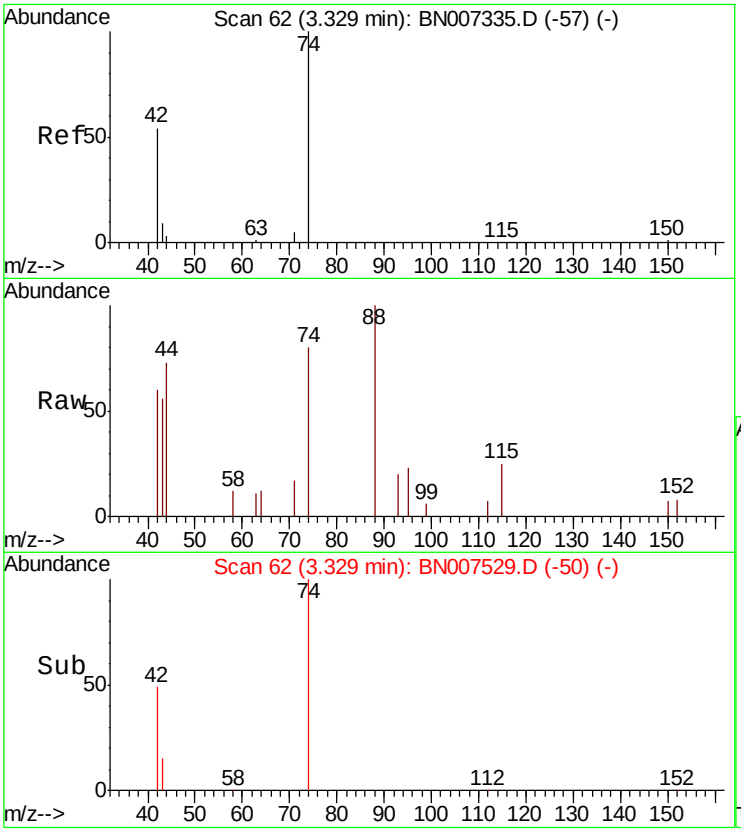


#2
1,4-Dioxane
Concen: 0.359 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion: 88 Resp: 3338

Ion	Ratio	Lower	Upper
88	100		
58	52.1	50.5	75.7
43	20.3	0.0	0.0#



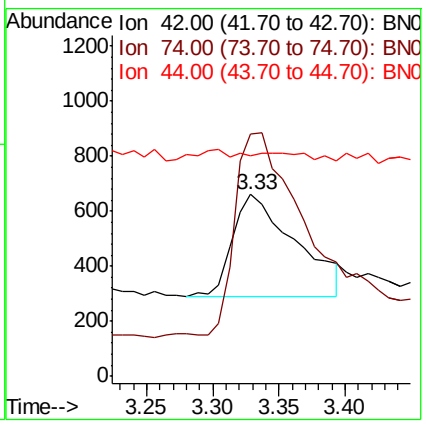


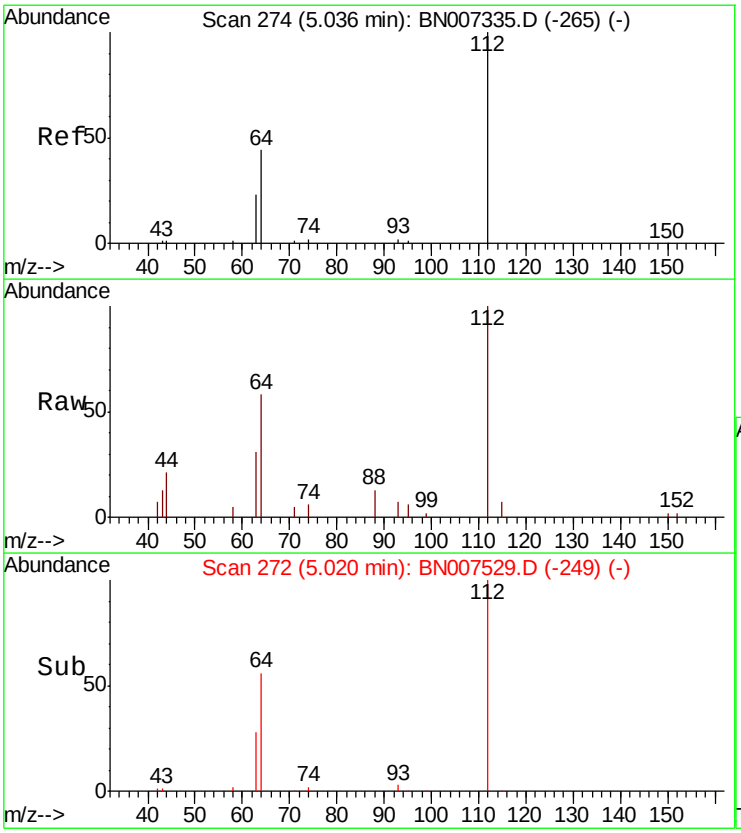
#3
n-Nitrosodimethylamine
Concen: 0.280 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1211

Ion	Ratio	Lower	Upper
42	100		
74	213.3	144.7	217.1
44	6.4	3.2	4.8#

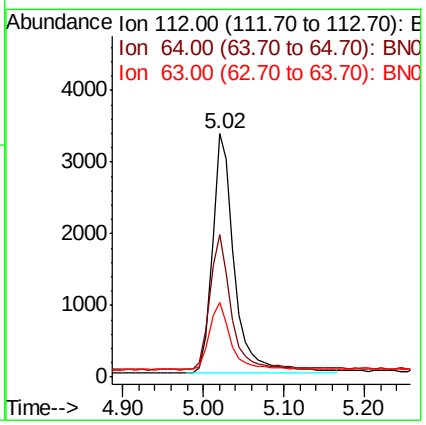


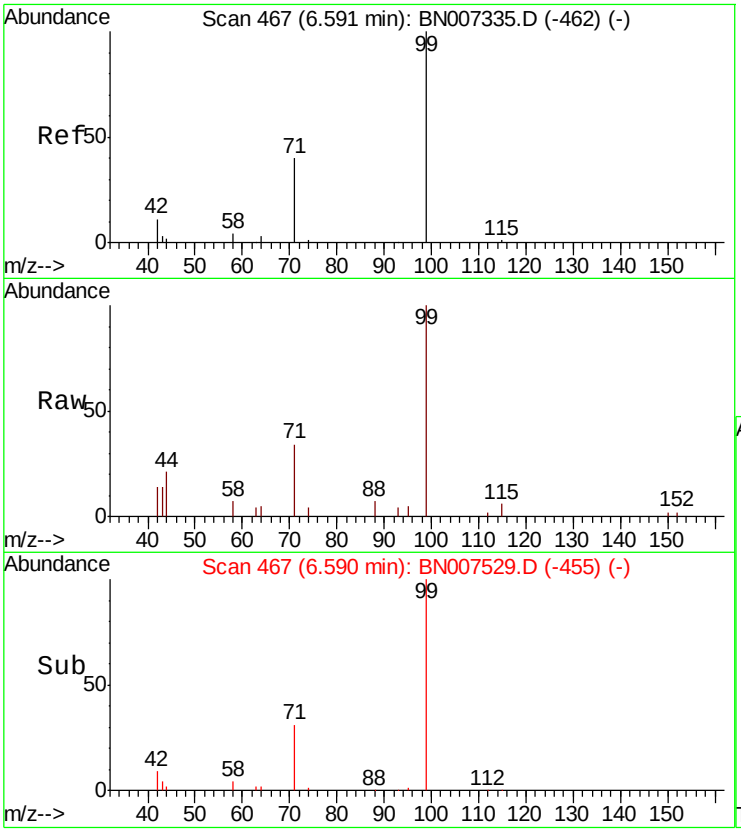


#4
2-Fluorophenol
Concen: 0.313 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:112 Resp: 6203

Ion	Ratio	Lower	Upper
112	100		
64	55.5	42.3	63.5
63	28.1	23.6	35.4



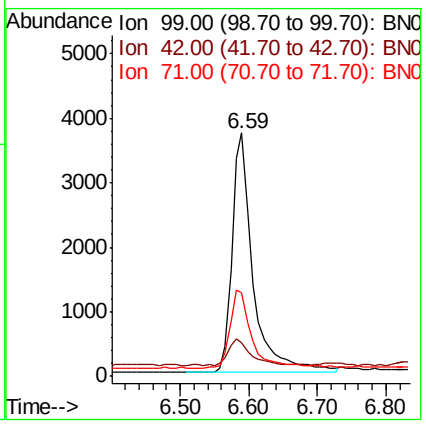


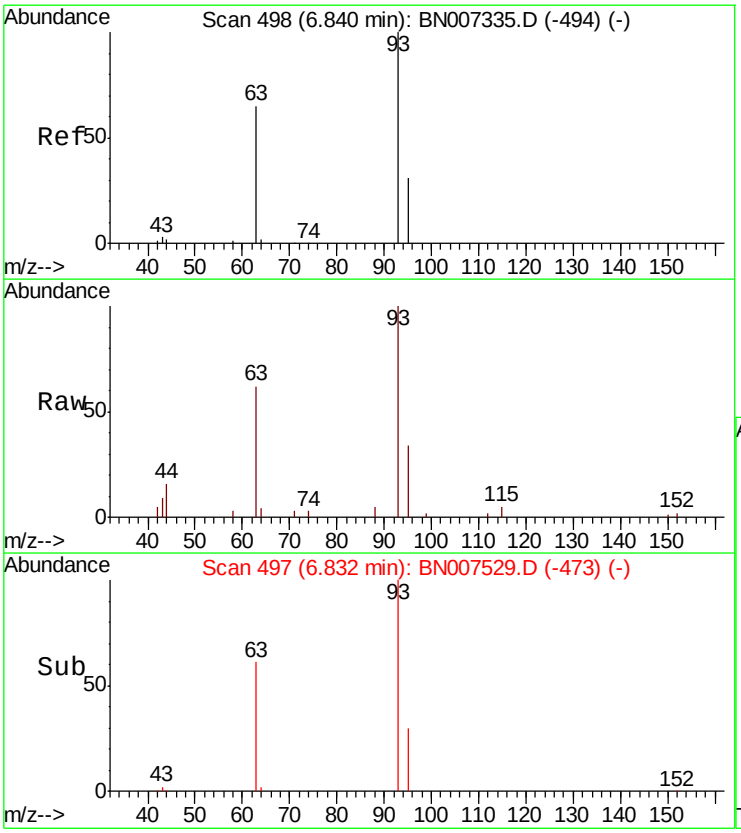
#5
Phenol-d6
Concen: 0.311 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7844

Ion	Ratio	Lower	Upper
99	100		
42	11.1	11.2	16.8#
71	33.4	31.8	47.8

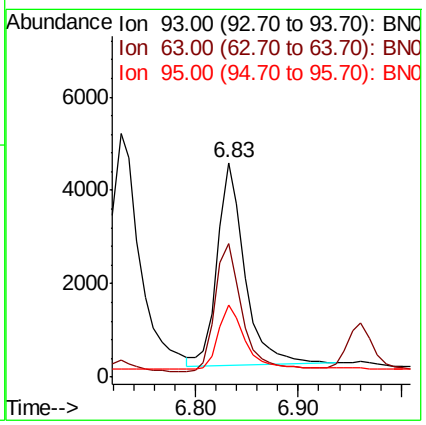


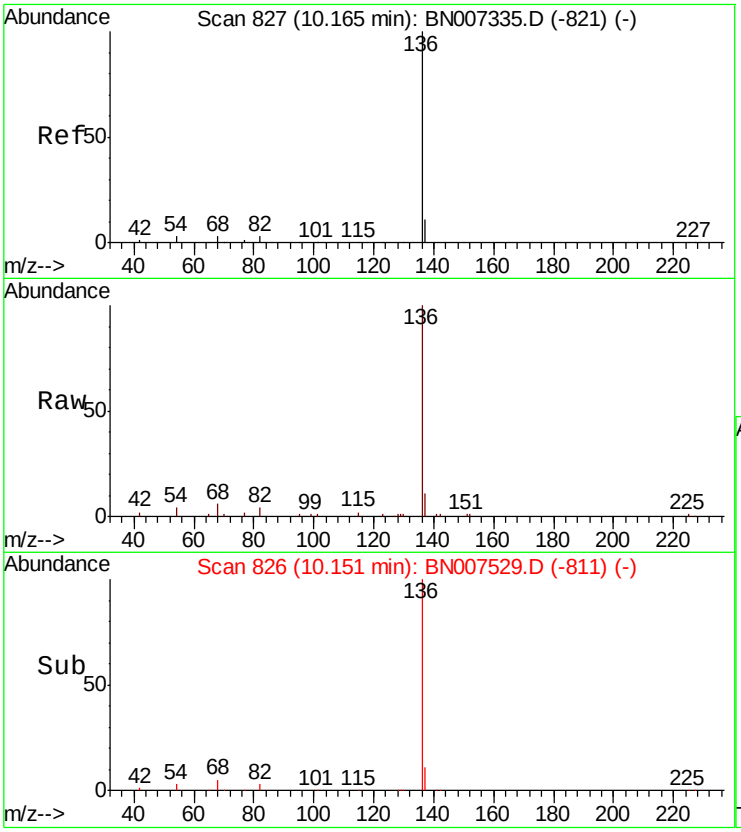


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion: 93 Resp: 8123

Ion	Ratio	Lower	Upper
93	100		
63	63.4	51.9	77.9
95	31.4	27.7	41.5



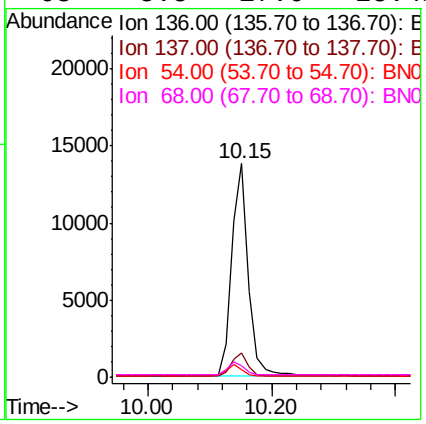


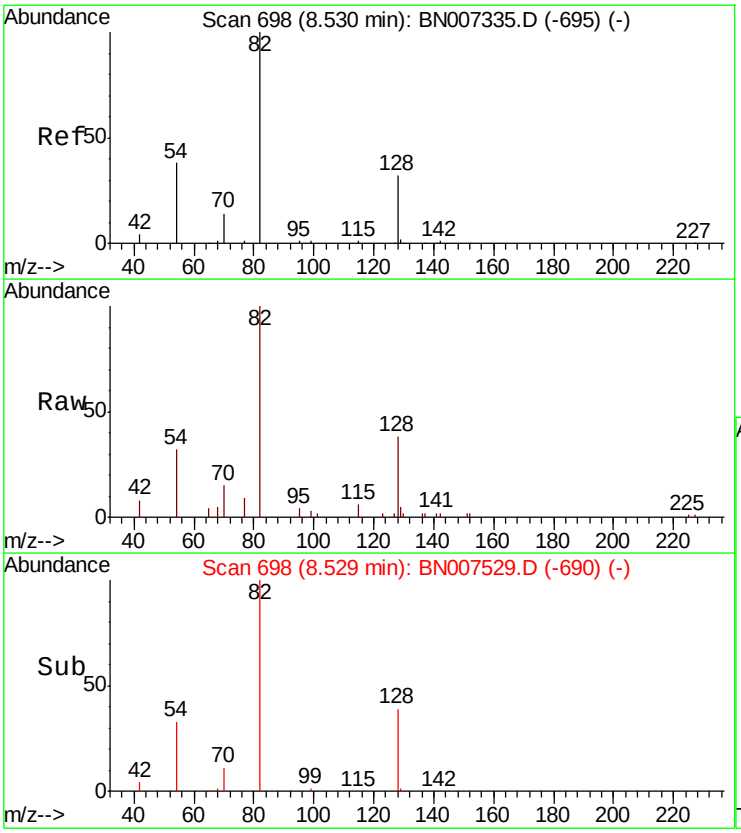
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 26050

Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	3.8	8.6	12.8#
68	5.5	17.0	25.4#

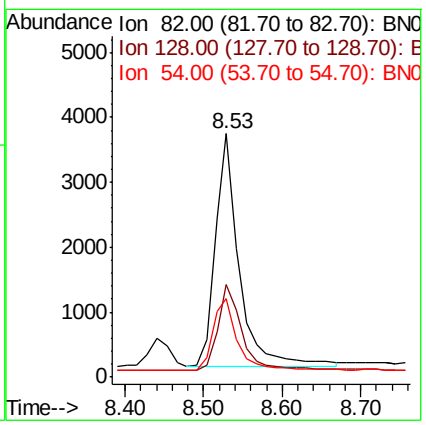


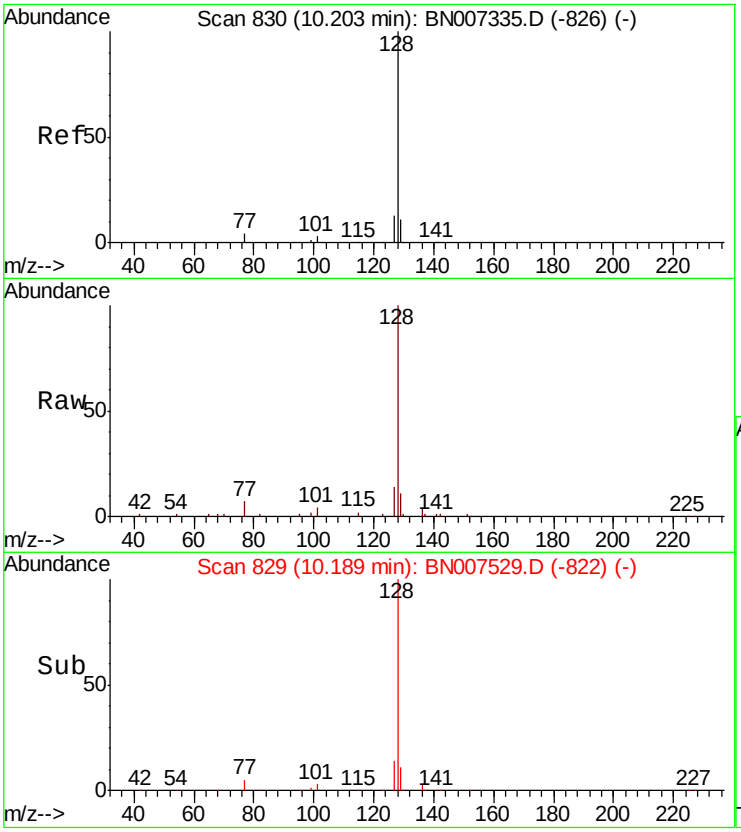


#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion: 82 Resp: 7485

Ion	Ratio	Lower	Upper
82	100		
128	38.2	19.7	29.5#
54	32.4	25.8	38.6



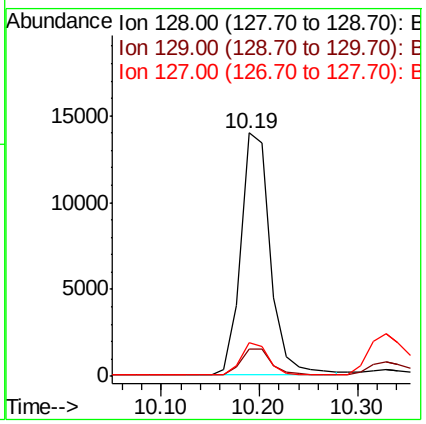


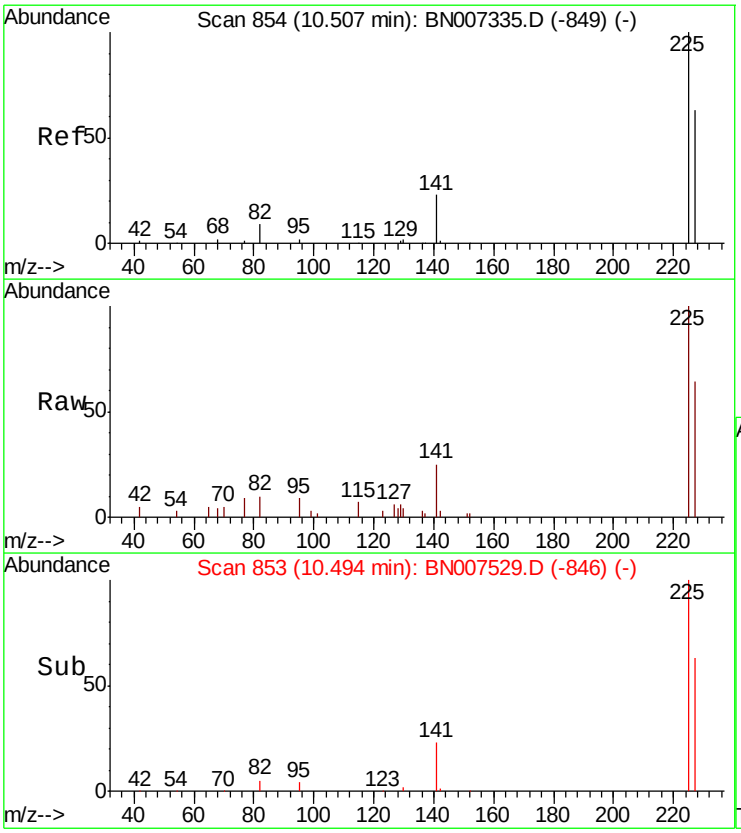
#9
Naphthalene
Concen: 0.387 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 28786

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.1	16.7
127	13.9	15.5	23.3#

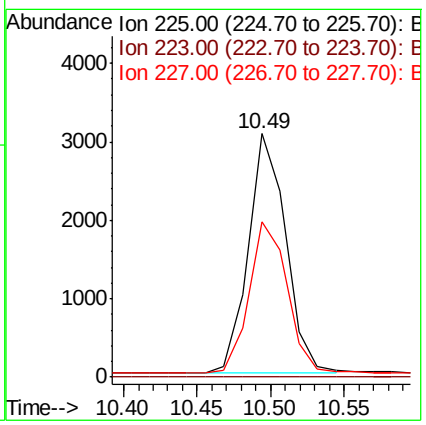


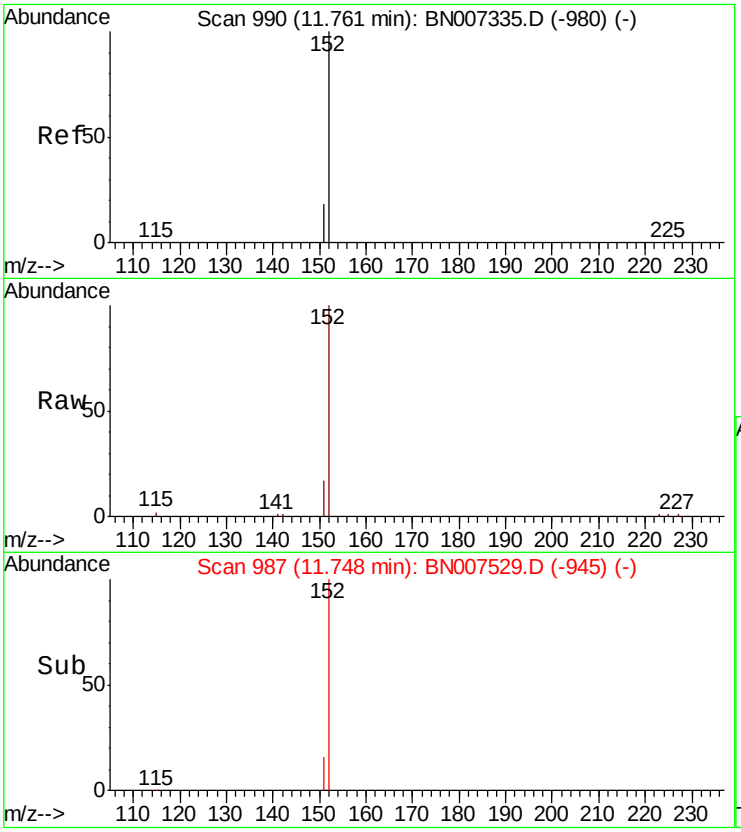


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:225 Resp: 5368

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.7	76.1



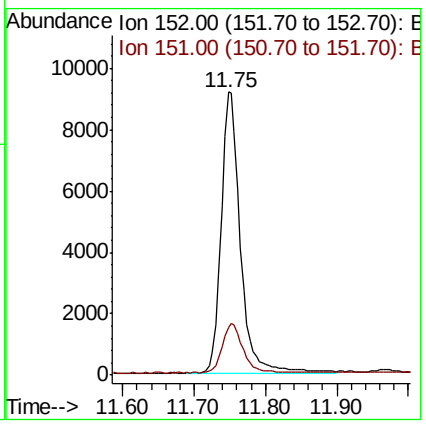


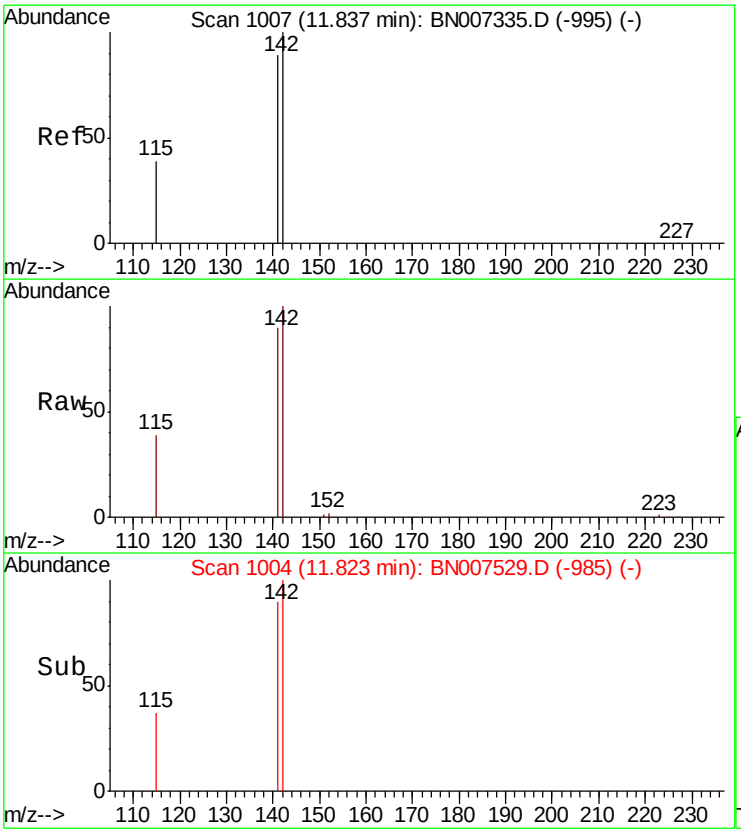
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 17352

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2

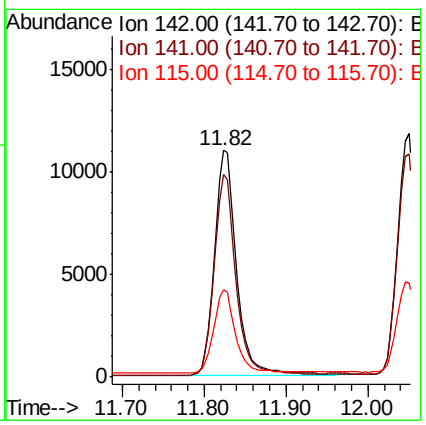


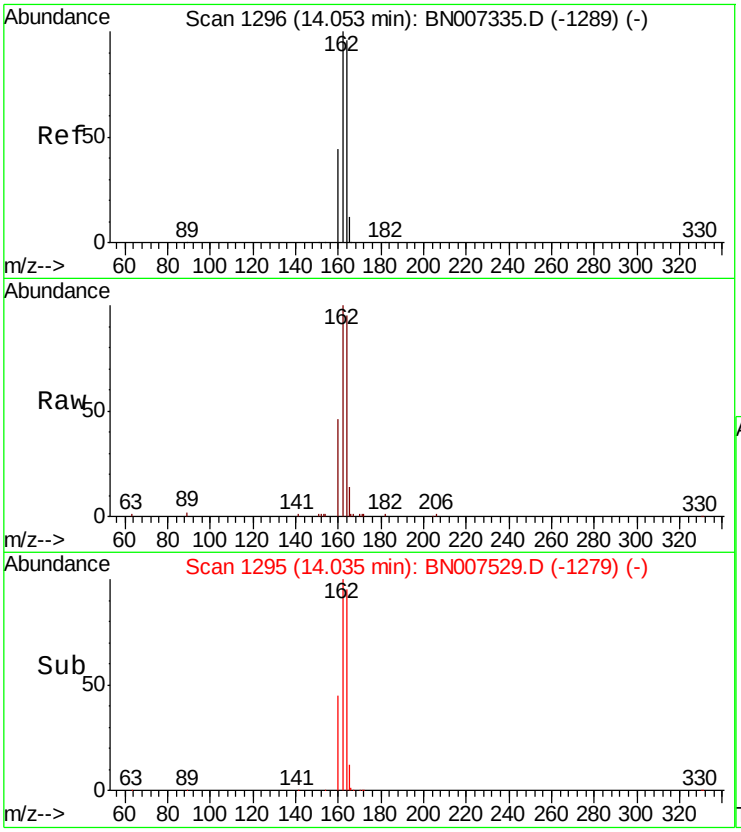


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:142 Resp: 20551

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.8	109.2
115	38.8	35.2	52.8



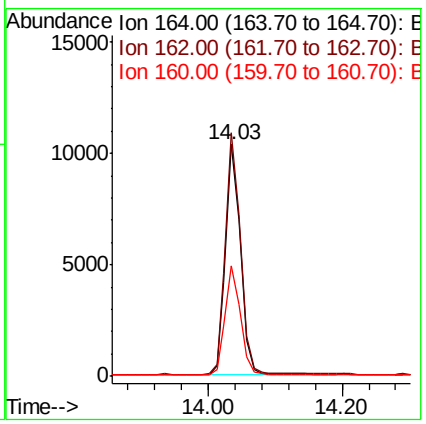


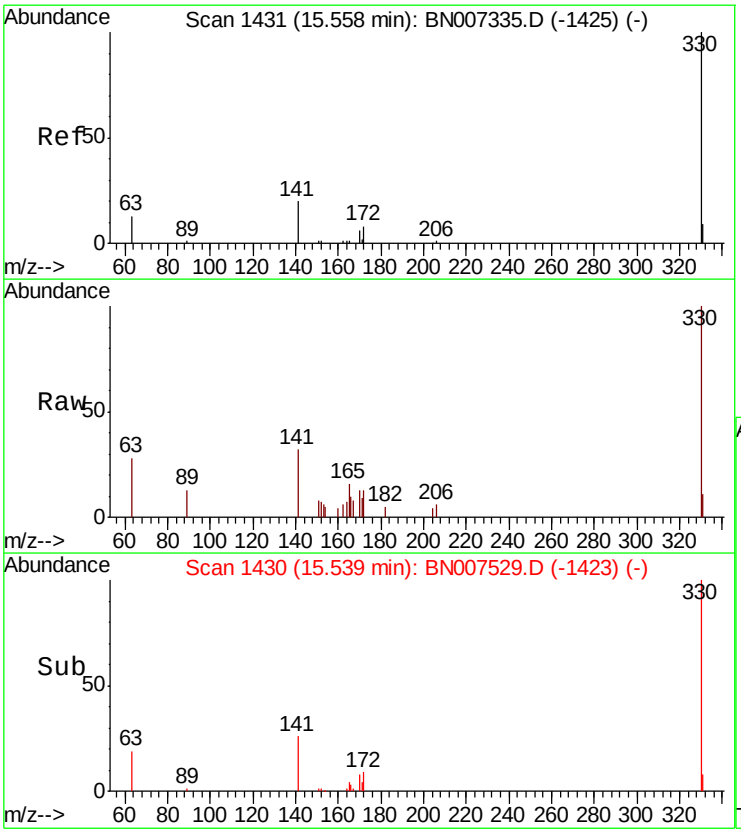
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 16032

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.5	125.3
160	47.9	38.2	57.4

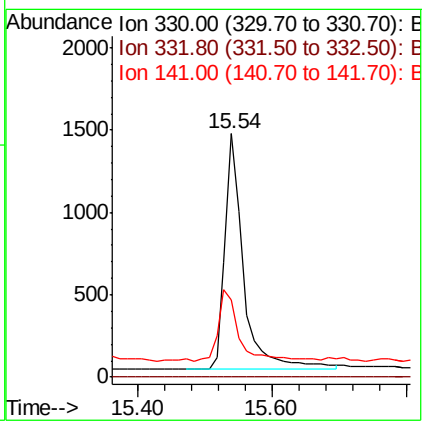


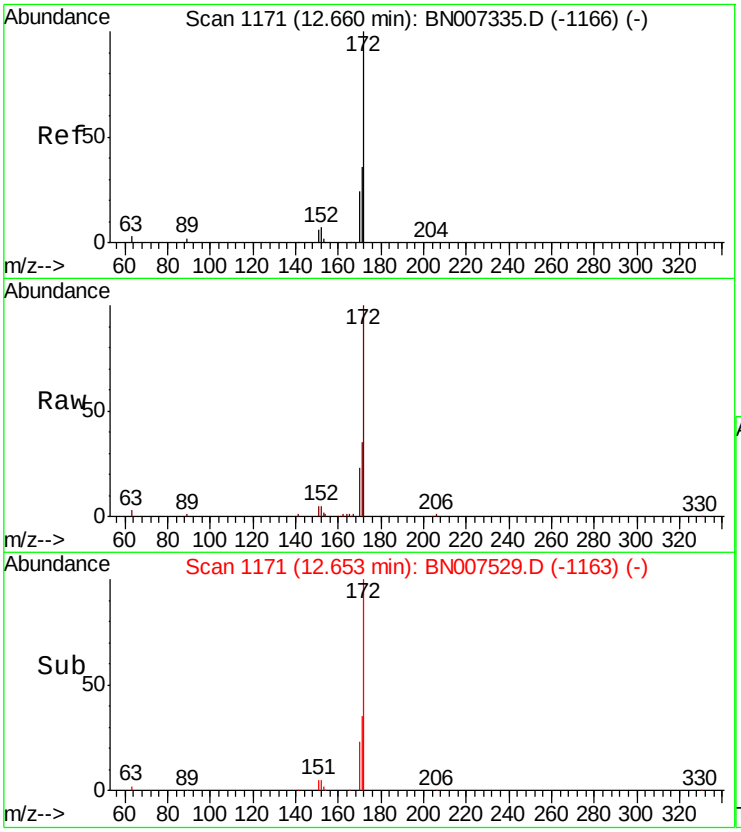


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:330 Resp: 2771

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.4	26.9	40.3



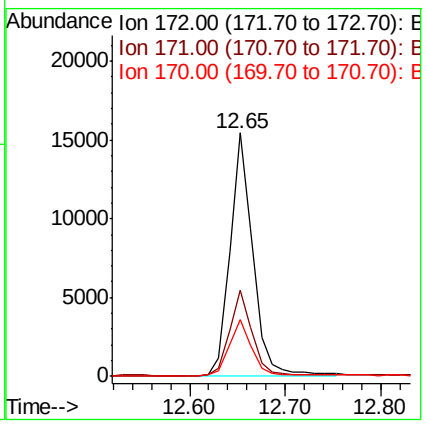


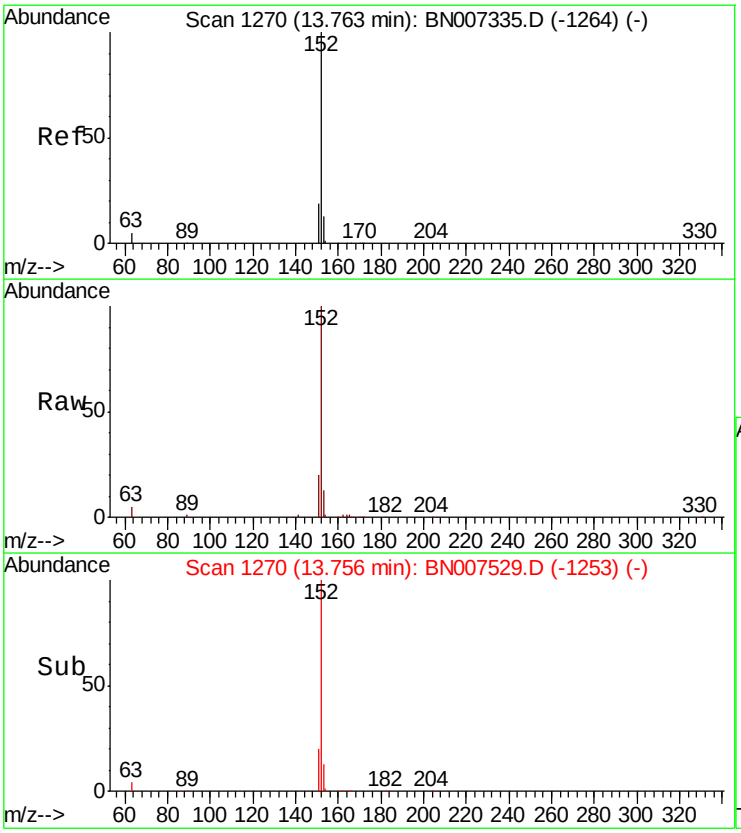
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 25356

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.3	45.5
170	23.3	20.7	31.1

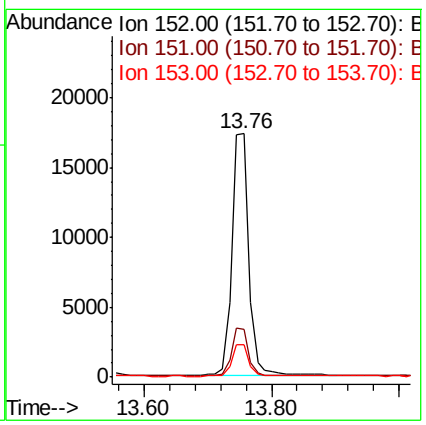


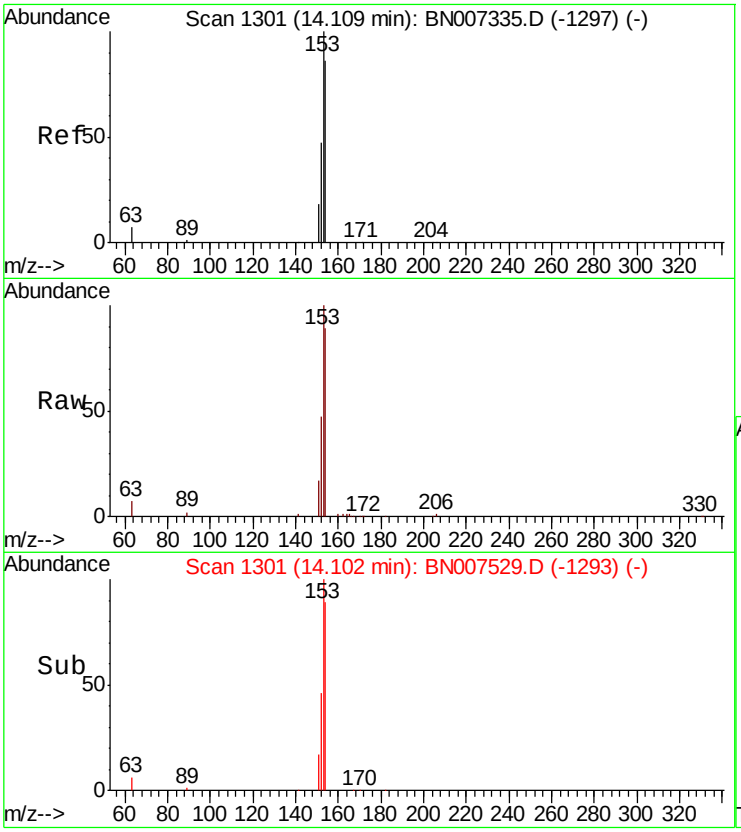


#16
Acenaphthylene
Concen: 0.342 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:152 Resp: 32427

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.6	15.8



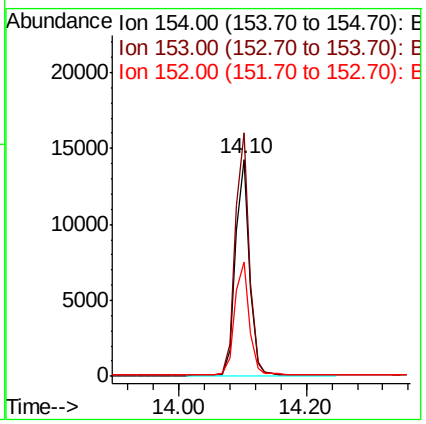


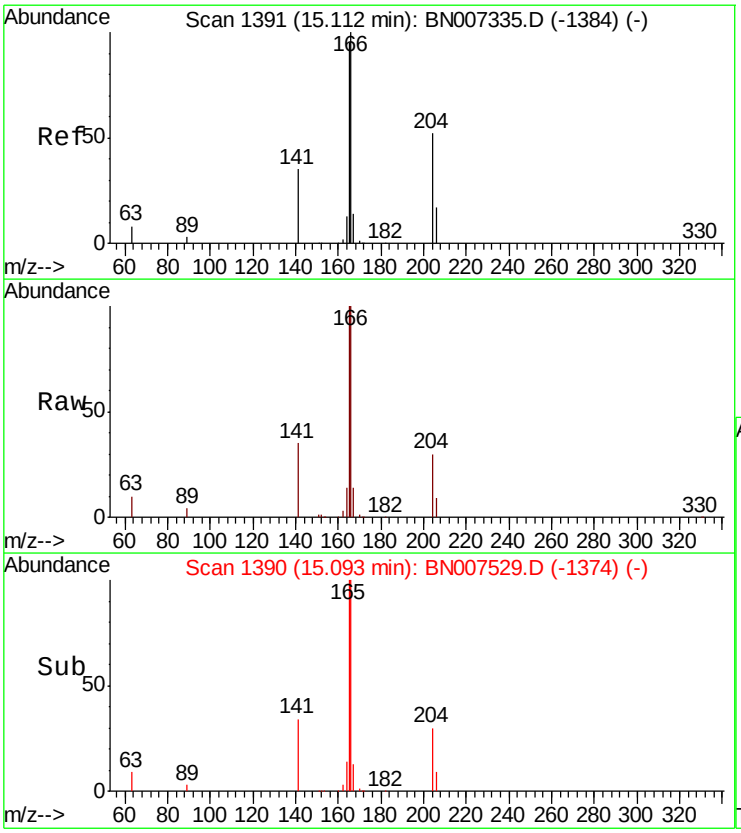
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 21995

Ion	Ratio	Lower	Upper
154	100		
153	111.9	92.8	139.2
152	53.2	43.8	65.8

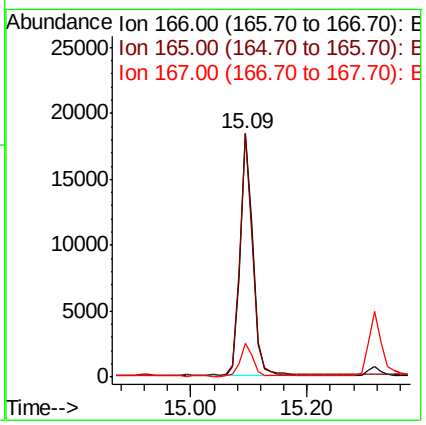


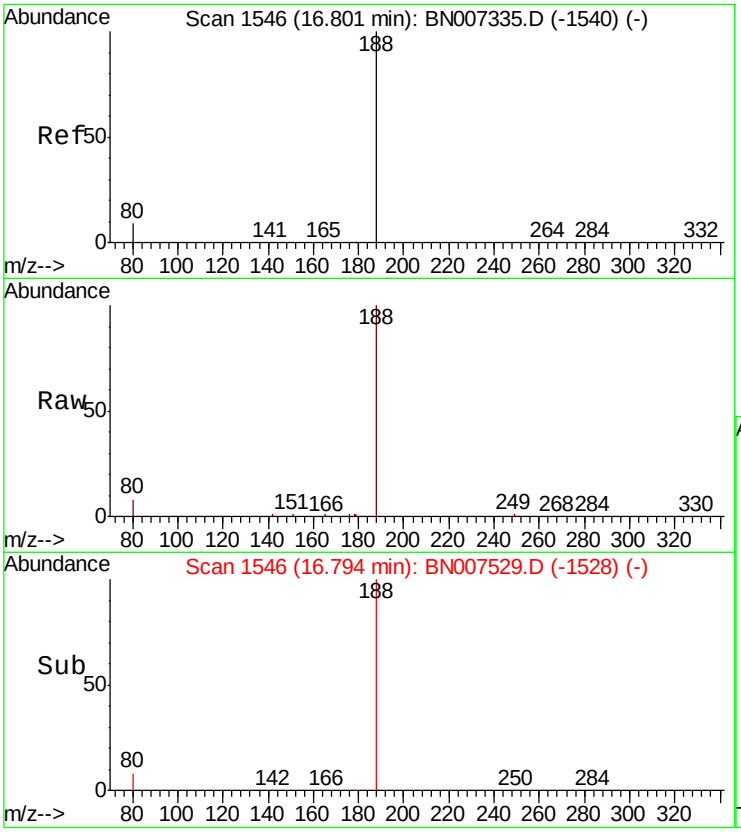


#18
Fluorene
Concen: 0.403 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:166 Resp: 28311

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	13.4	10.6	15.8



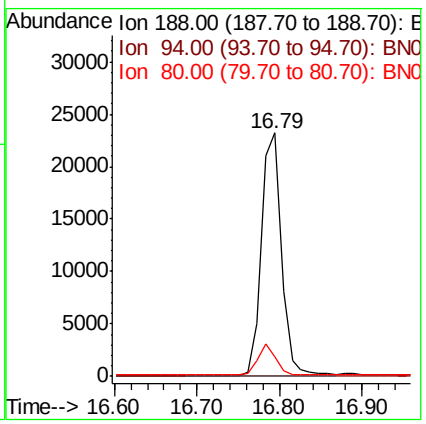


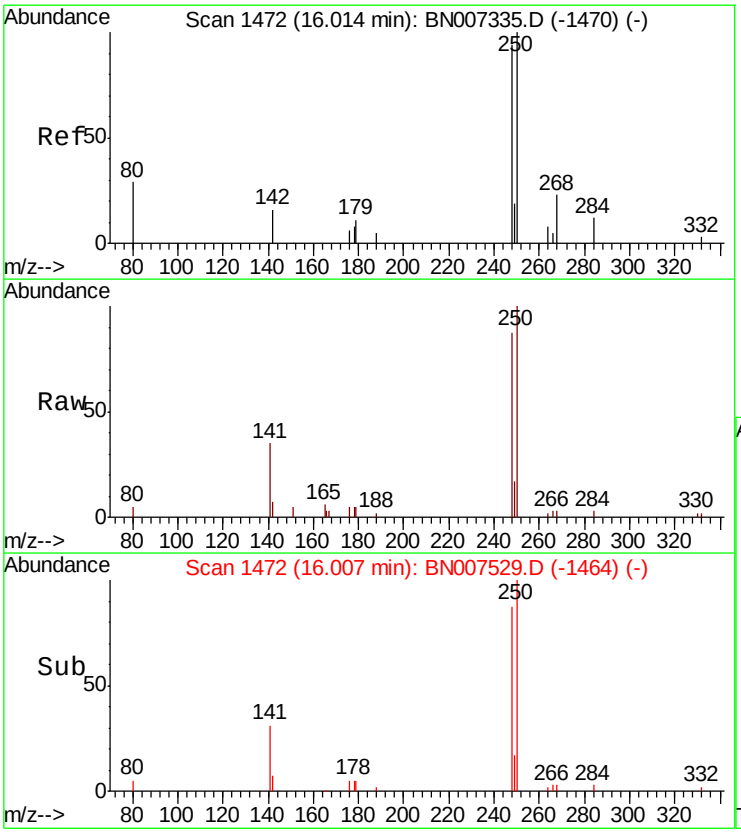
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 38535

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	11.8	17.8#

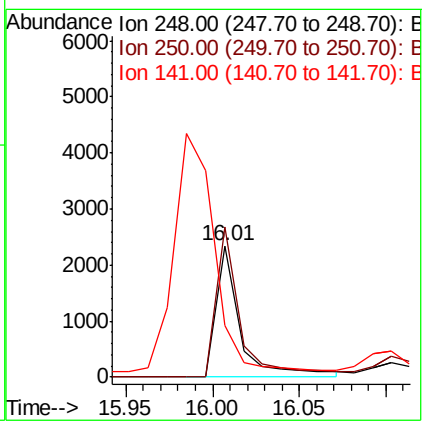


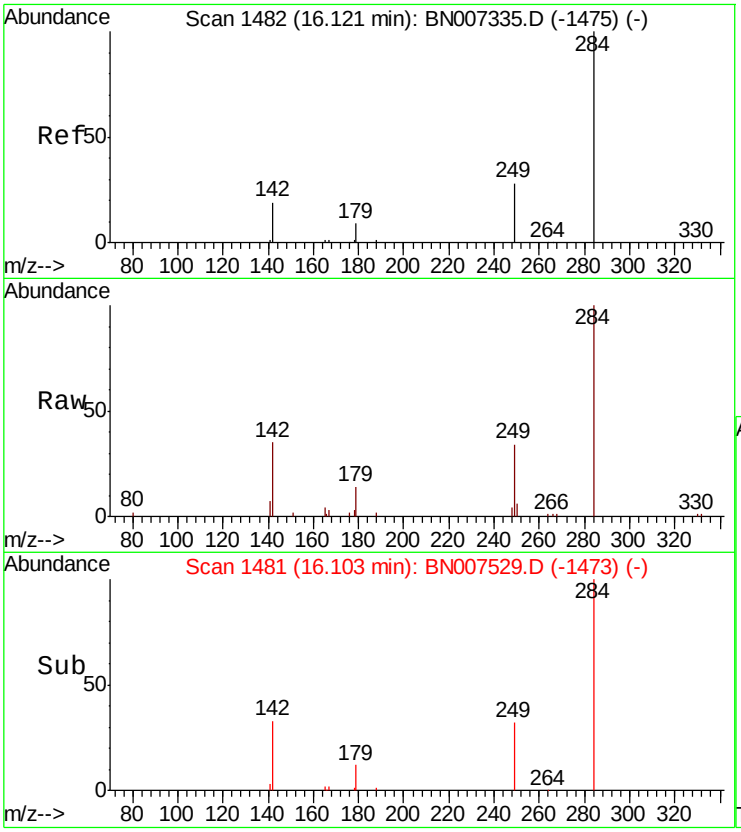


#20
4-Bromophenyl-phenylether
Concen: 0.147 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:248 Resp: 2239

Ion	Ratio	Lower	Upper
248	100		
250	114.5	85.0	127.6
141	39.5	51.7	77.5#



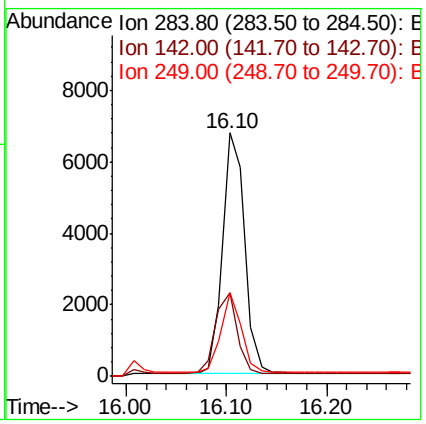


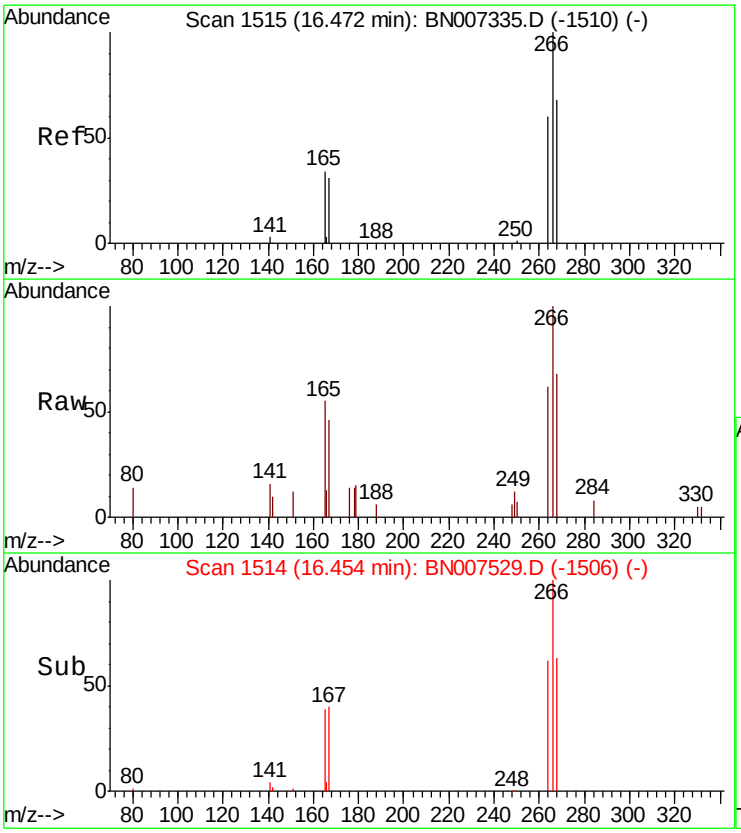
#21
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 10354

Ion	Ratio	Lower	Upper
284	100		
142	32.9	29.0	43.6
249	30.2	24.9	37.3

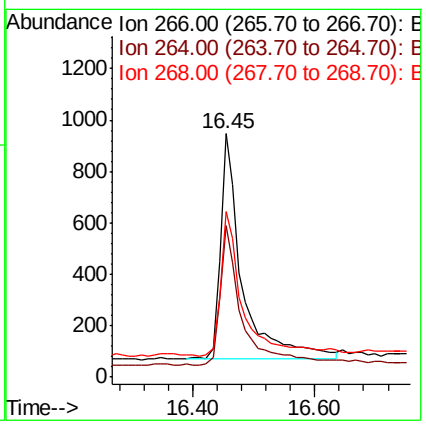


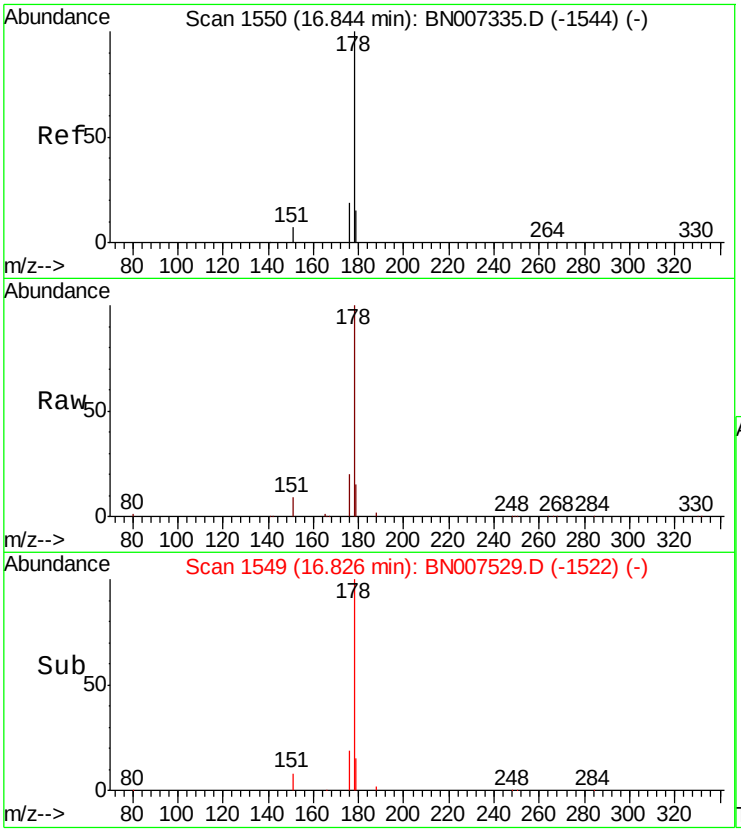


#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.45 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:266 Resp: 2147

Ion	Ratio	Lower	Upper
266	100		
264	62.2	57.8	86.8
268	67.8	99.7	149.5#



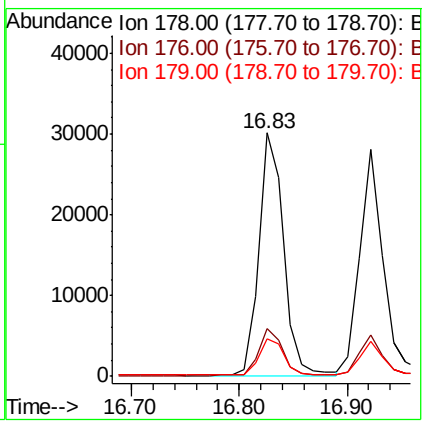


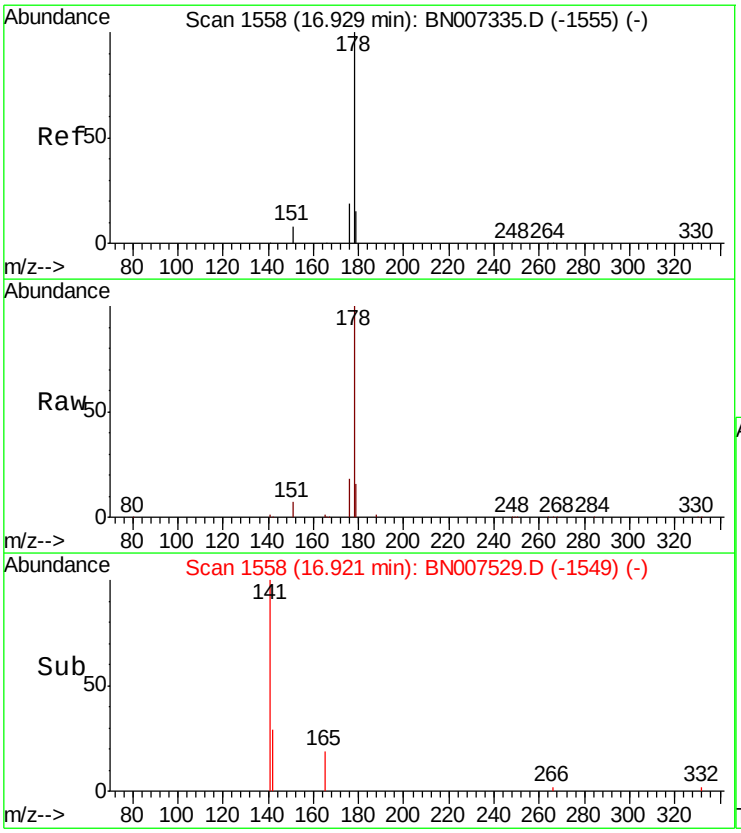
#23
Phenanthrene
Concen: 0.407 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 47193

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.5	12.6	19.0

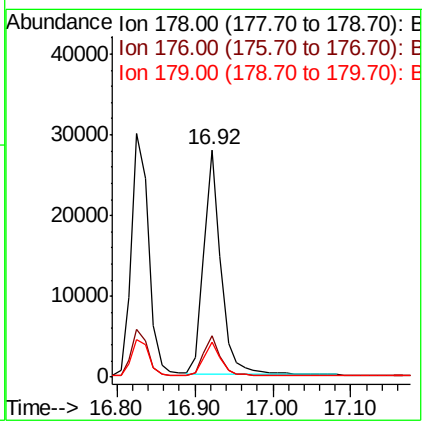


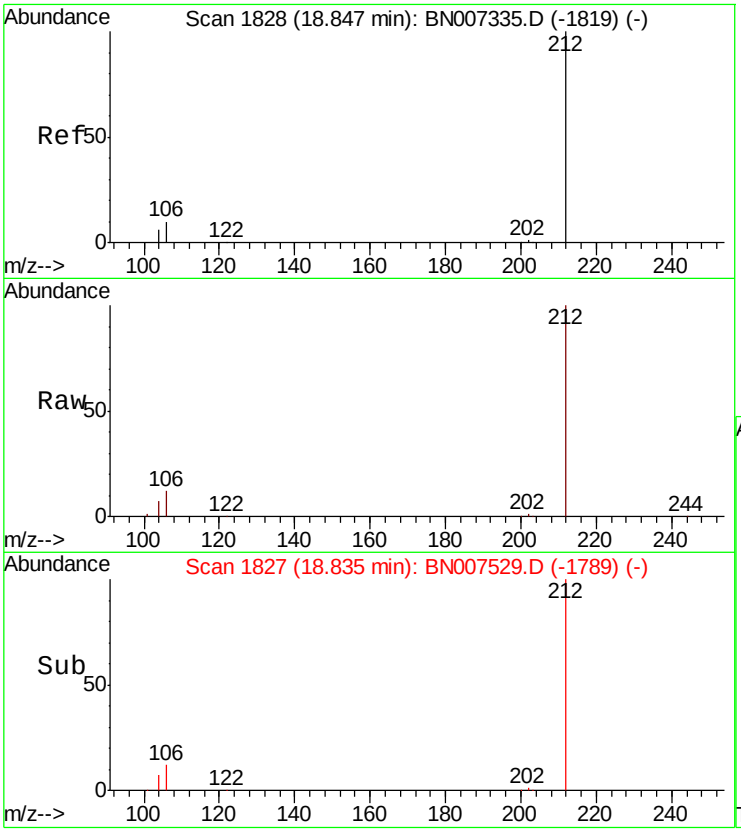


#24
Anthracene
Concen: 0.366 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:178 Resp: 42665

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	15.4	12.4	18.6



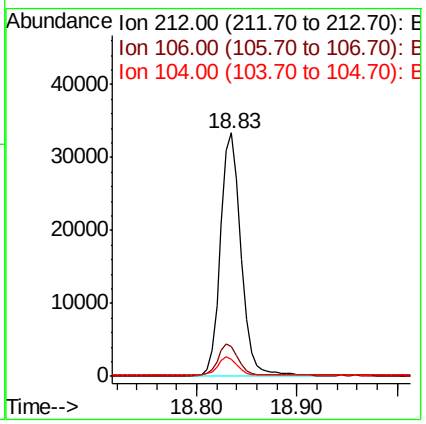


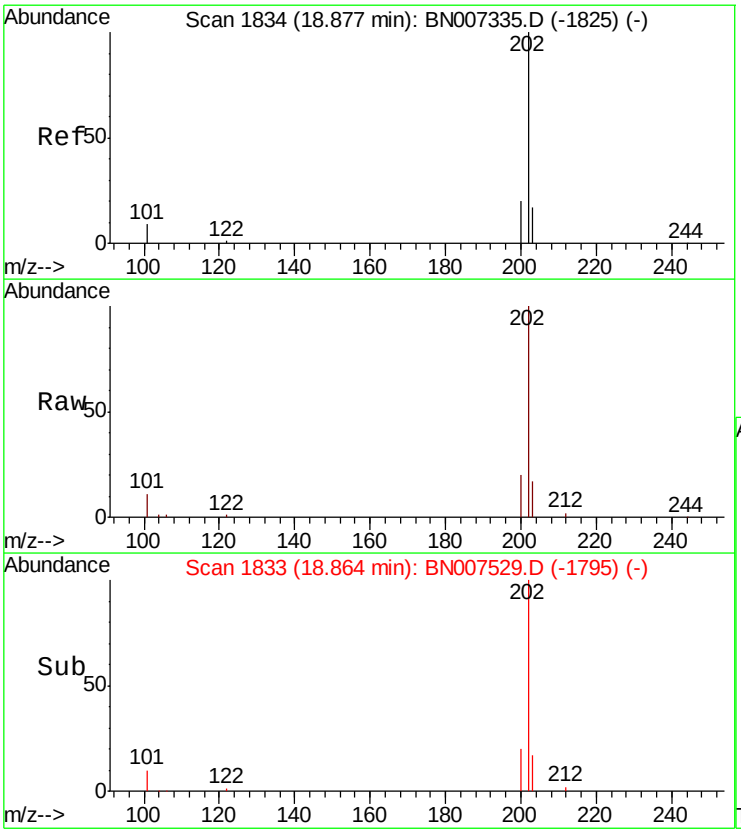
#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 18.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 47532

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.0	13.4
104	7.4	5.4	8.2

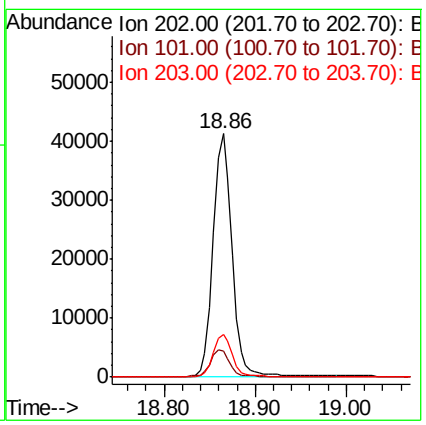


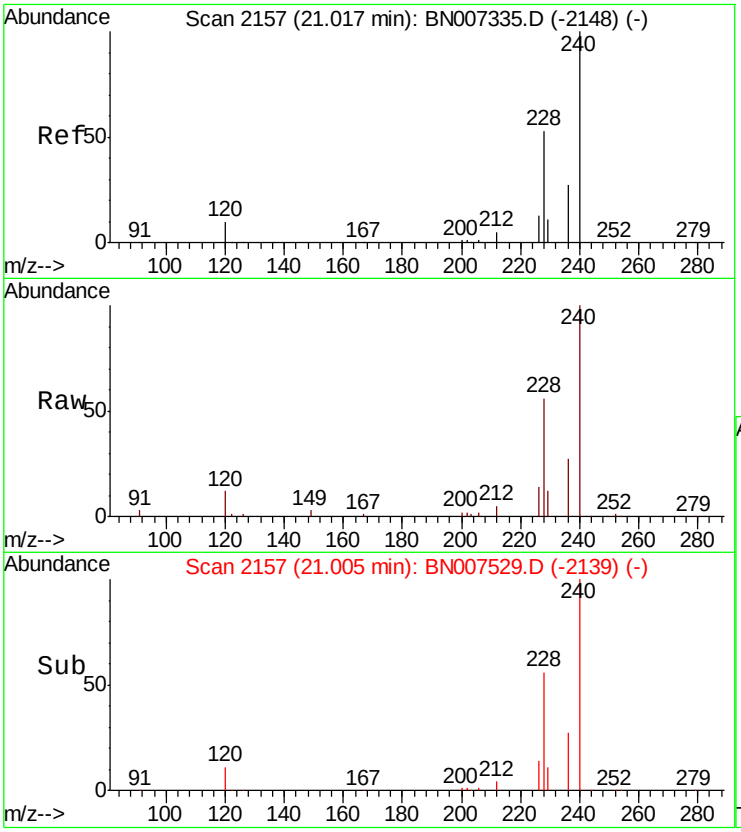


#26
Fluoranthene
Concen: 0.391 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:202 Resp: 58259

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.7	11.5
203	17.0	13.7	20.5



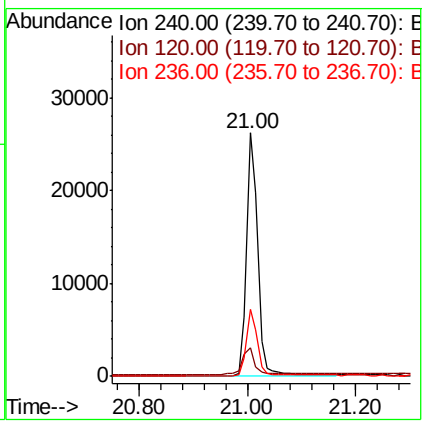


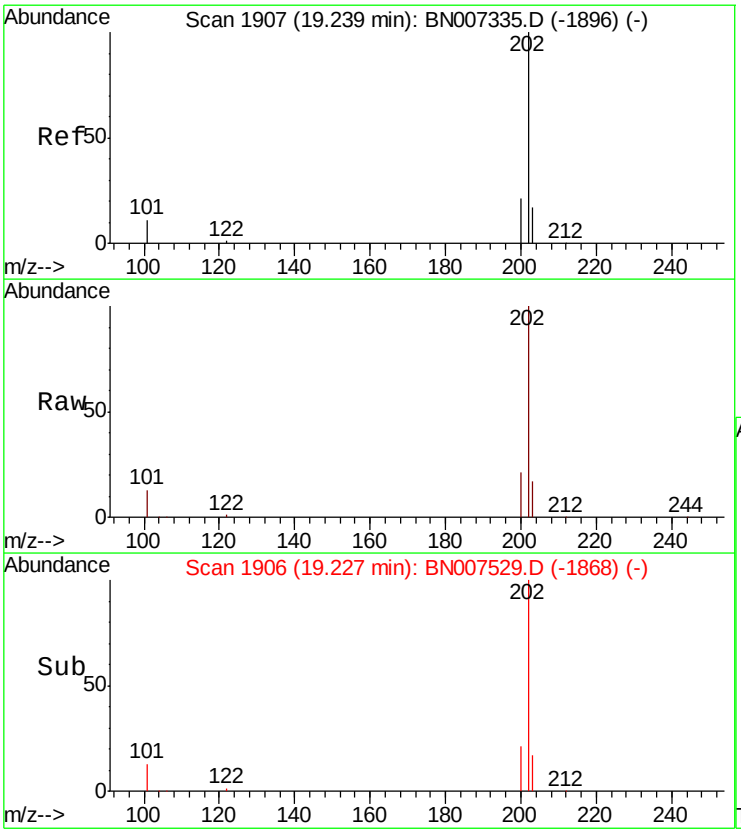
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 37634

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	27.3	22.2	33.2

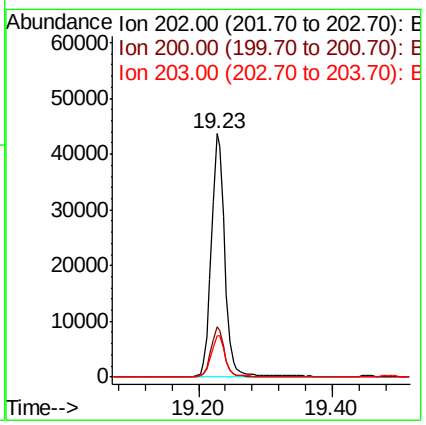


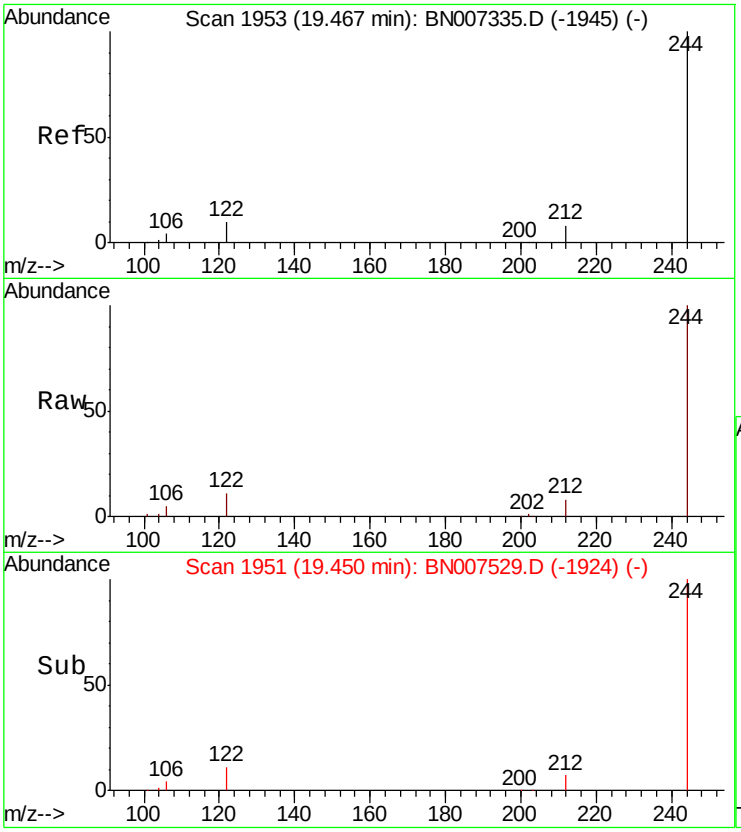


#28
Pyrene
Concen: 0.398 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:202 Resp: 60311

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	17.4	14.2	21.4



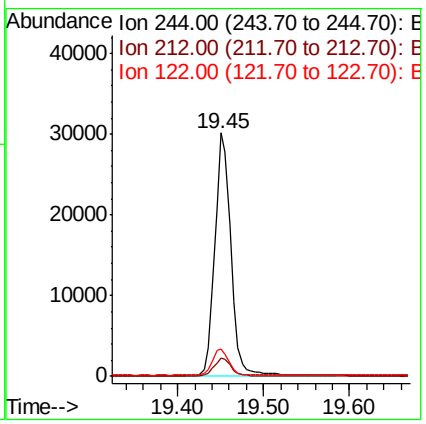


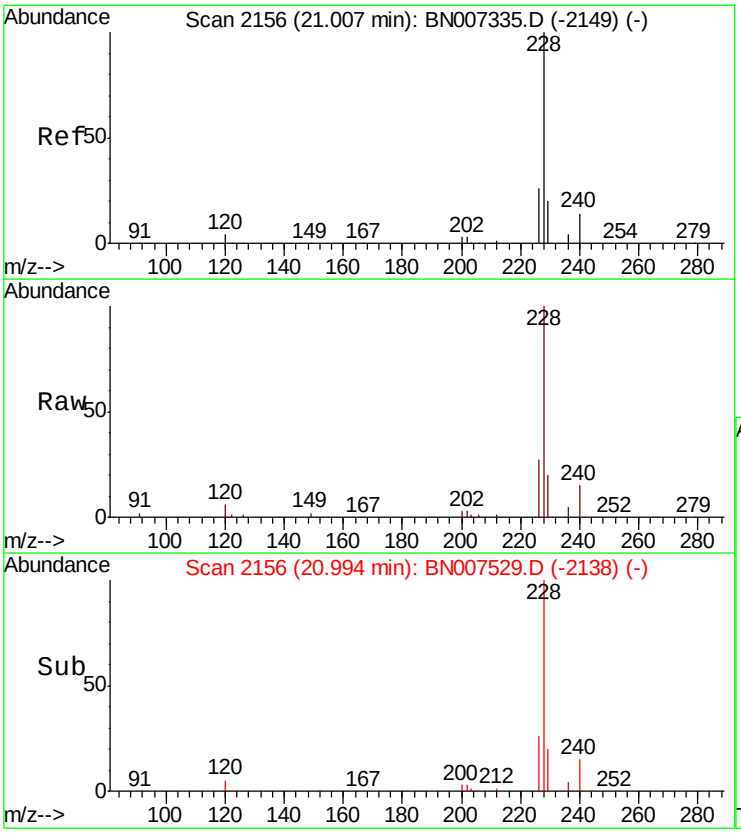
#29
Terphenyl-d14
Concen: 0.399 ng
RT: 19.45 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 39275

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	11.4	9.6	14.4

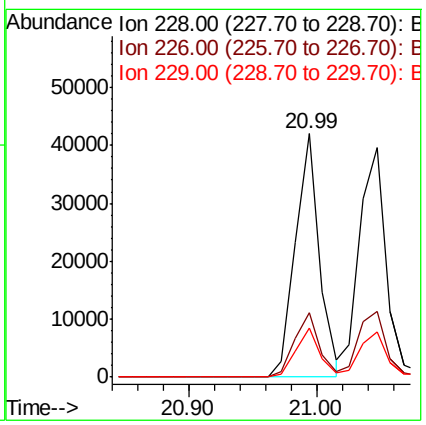


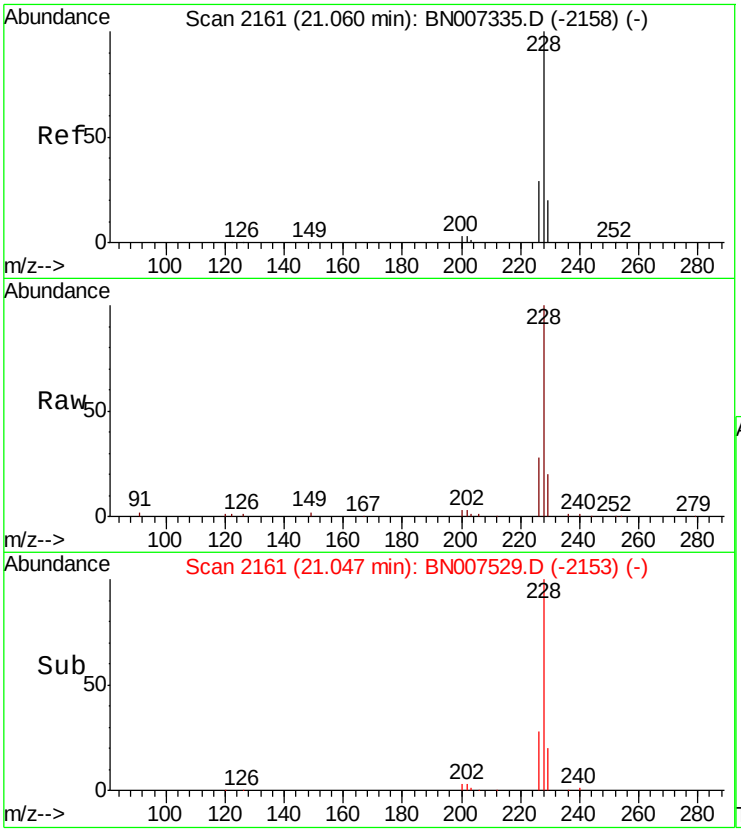


#30
Benzo(a)anthracene
Concen: 0.368 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:228 Resp: 54408

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	20.0	16.1	24.1



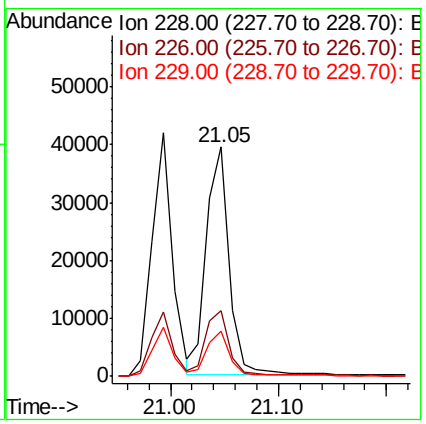


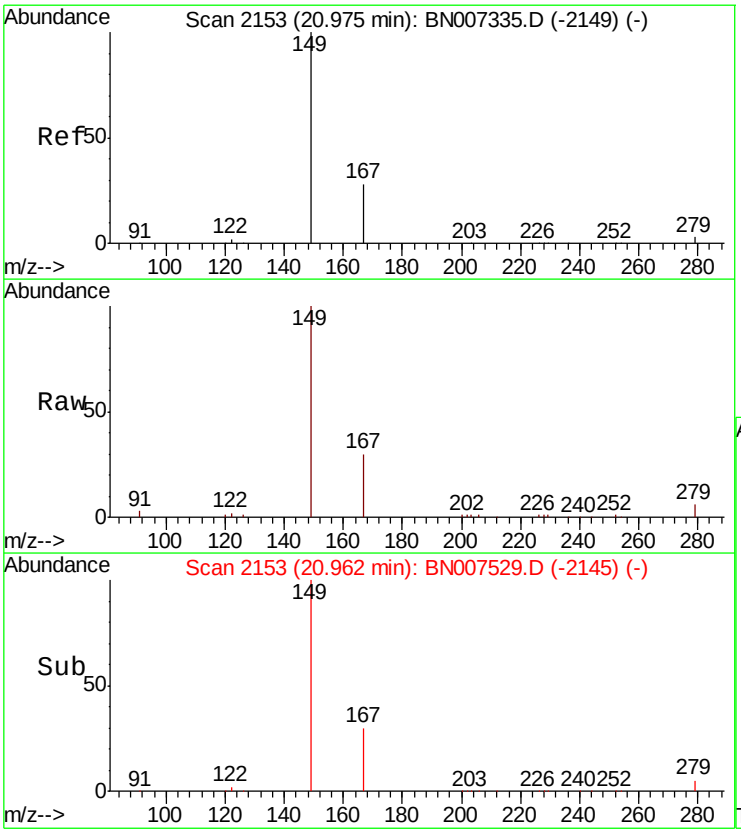
#31
Chrysene
Concen: 0.401 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 57225

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	20.0	16.6	24.8

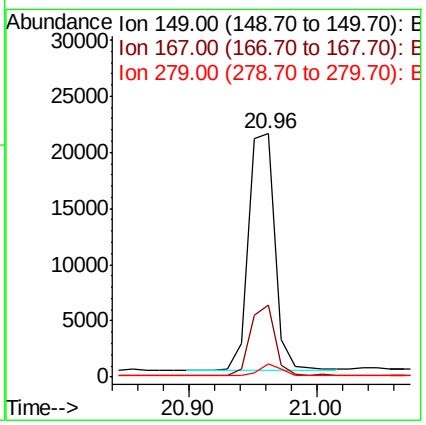


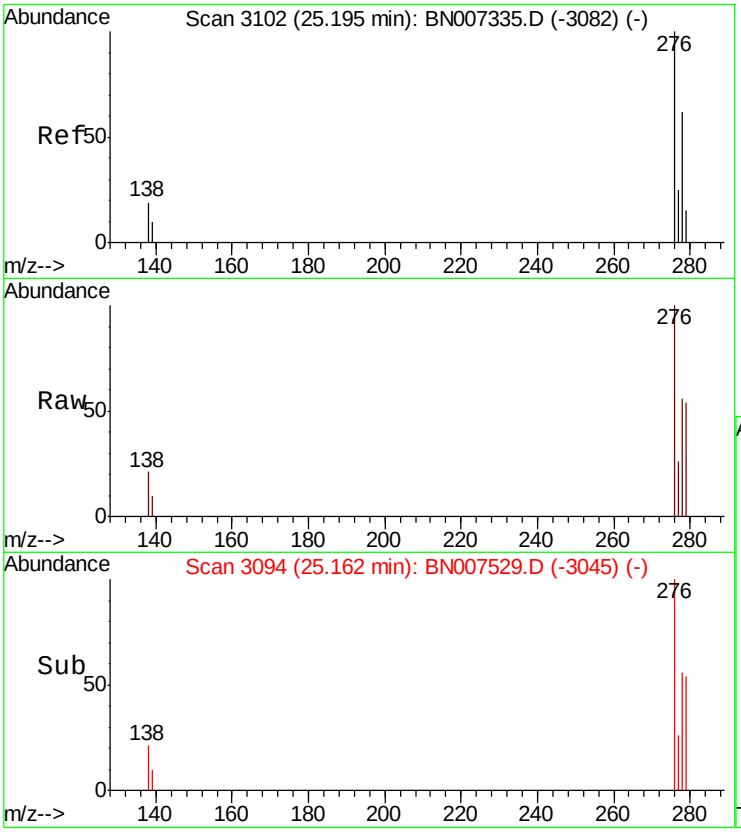


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.299 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:149 Resp: 30413

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.3	3.5	5.3



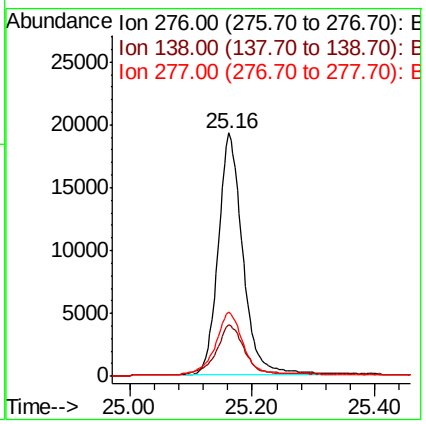


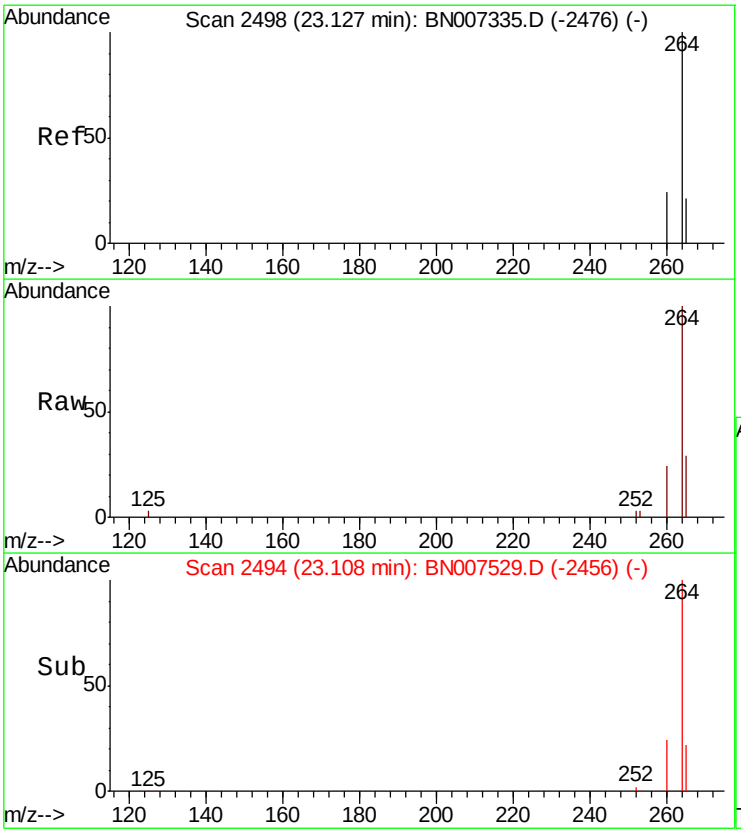
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.312 ng
RT: 25.16 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 53550

Ion	Ratio	Lower	Upper
276	100		
138	22.3	15.1	22.7
277	27.9	19.7	29.5

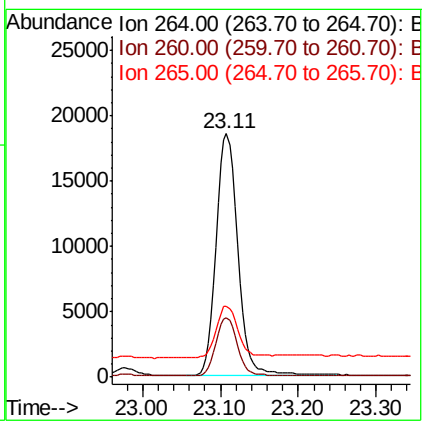


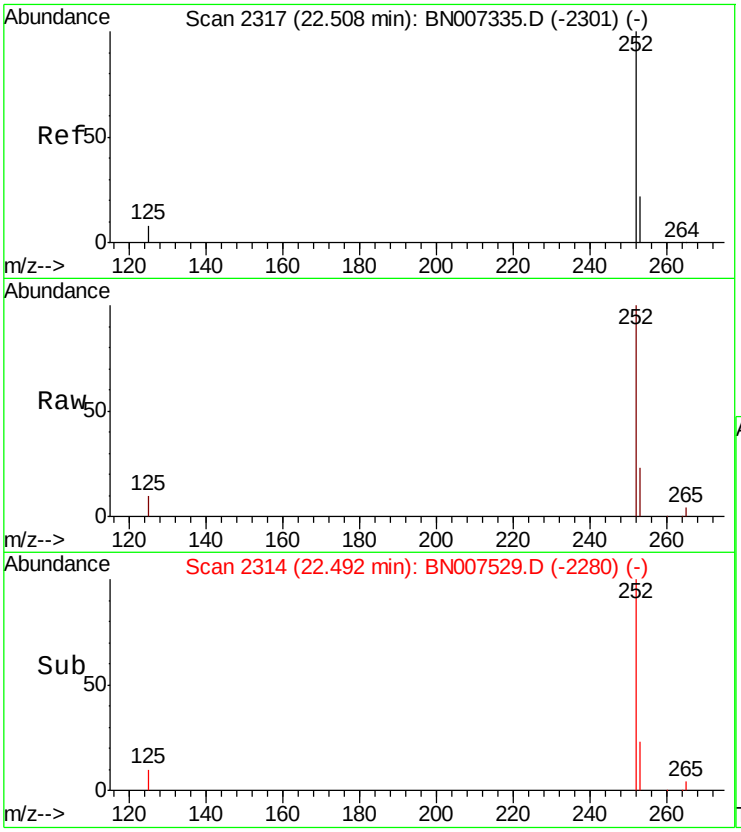


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:264 Resp: 35503

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	29.2	29.9	44.9#



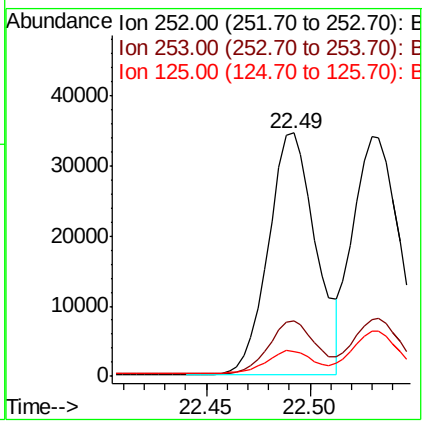


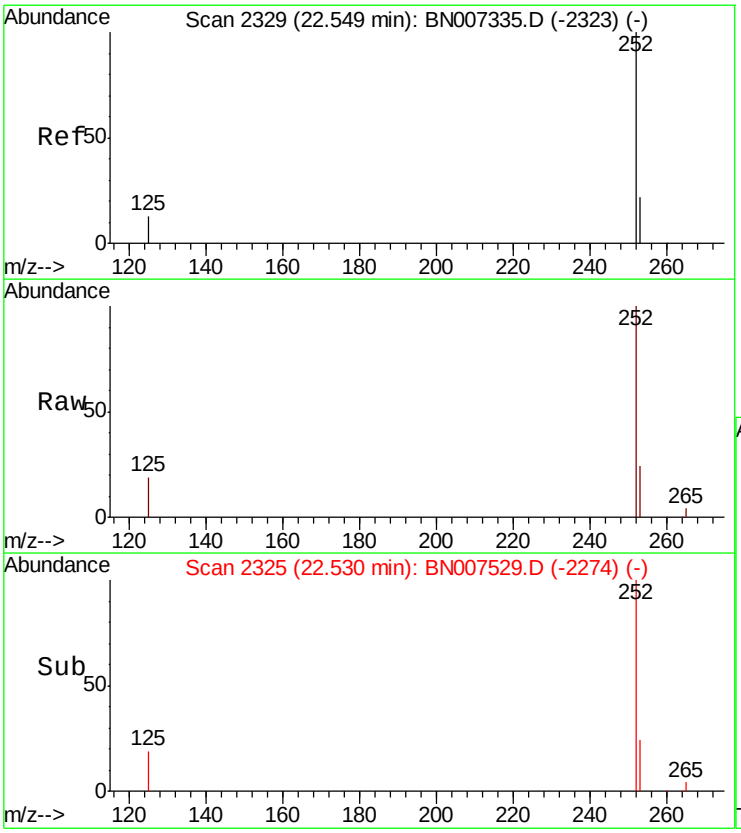
#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 54571

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	10.3	10.6	16.0#

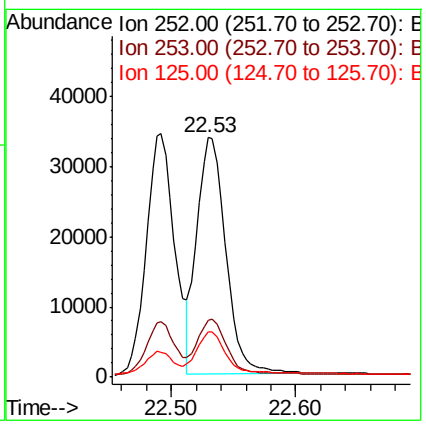


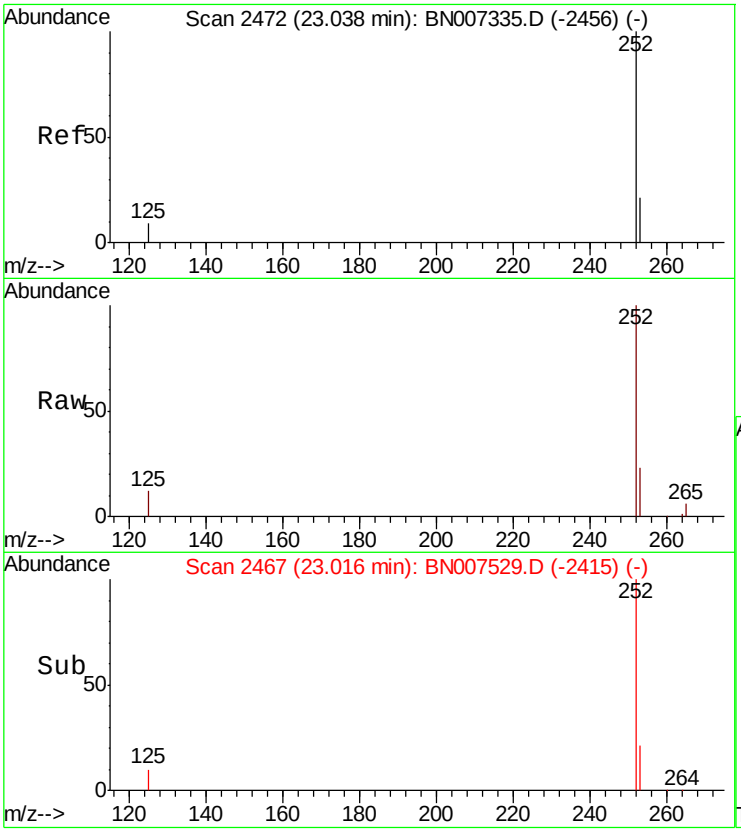


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 22.53 min Scan# 2325
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:252 Resp: 54737

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	18.8	13.1	19.7



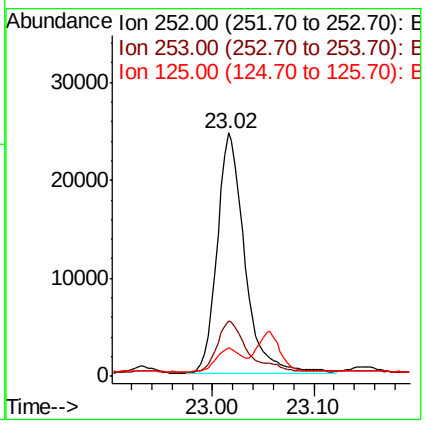


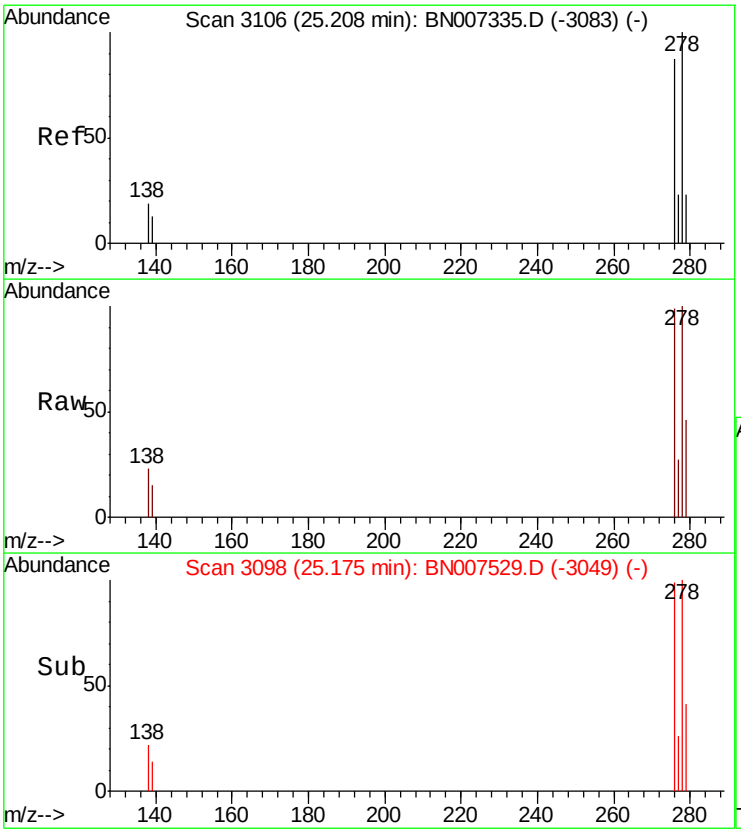
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.02 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 46526

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.5	29.3
125	11.7	12.1	18.1#

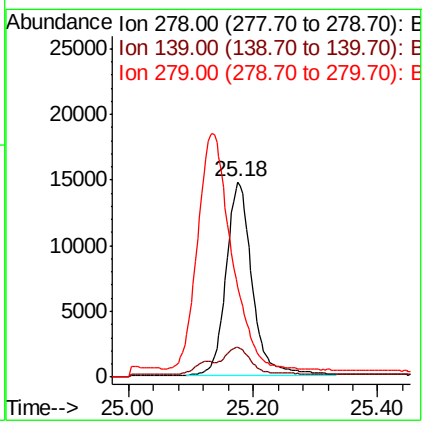


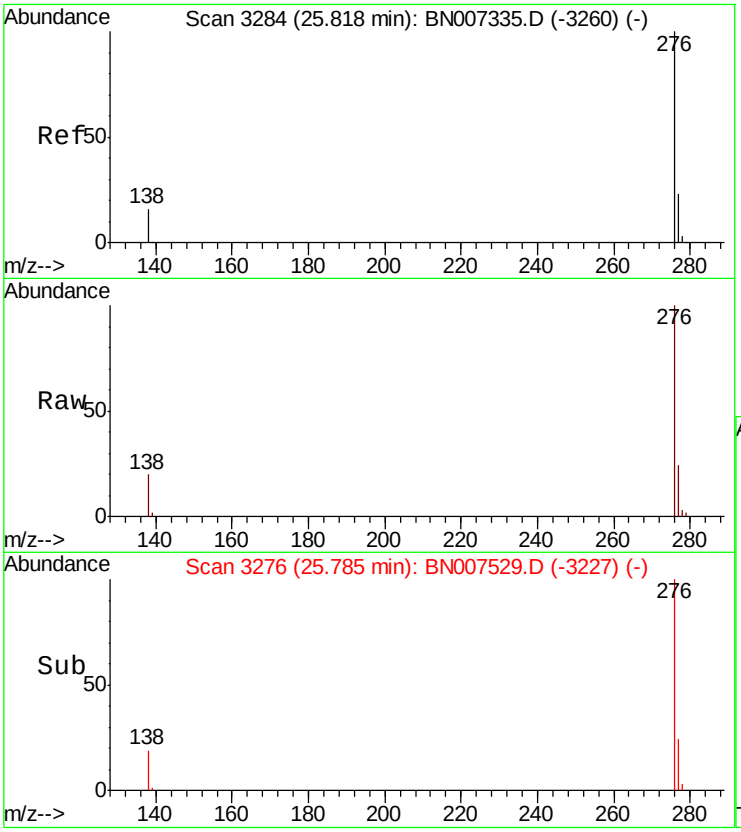


#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 25.18 min Scan# 3098
Delta R.T. -0.03 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:278 Resp: 42579

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.7	20.5
279	46.0	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.351 ng
RT: 25.78 min Scan# 3276
Delta R.T. -0.03 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 42746

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	20.1	16.3	24.5