Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007212.D
Acq On : 16 Aug 2019 00:34
Operator : HP/JU
Sample : K4282-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 07:07:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7318	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	28173	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	16200	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	38116	0.40	ng		0.00
26) Chrysene-d12	21.05	240	37225	0.40	ng		-0.01
32) Perylene-d12	23.15	264	45252	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	5395	0.31	ng		0.00
4) Phenol-d6	6.61	99	7259	0.33	ng		0.00
7) Nitrobenzene-d5	8.55	82	5237	0.23	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	12219	0.23	ng		-0.01
13) 2,4,6-Tribromophenol	15.57	330	1982	0.23	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	1338	0.06	ng		0.00
24) Fluoranthene-d10	18.86	212	28695	0.21	ng		0.00
28) Terphenyl-d14	19.48	244	24337	0.24	ng		-0.01
Target Compounds							Qvalue
5) bis(2-Chloroethyl)ether	6.77	93	2035	0.106	ng	#	33
8) Naphthalene	10.23	128	24722	0.313	ng		99
11) 2-Methylnaphthalene	11.86	142	8208	0.147	ng		95
15) Acenaphthylene	13.79	152	170831	2.018	ng		100
16) Acenaphthene	14.13	154	2080	0.038	ng	#	77
17) Fluorene	15.15	166	11010	0.136	ng	#	67
22) Phenanthrene	16.86	178	256390	2.244	ng		99
23) Anthracene	16.95	178	176209	1.688	ng		100
25) Fluoranthene	18.90	202	2275192	15.570	ng		99
27) Pyrene	19.26	202	2084530	15.968	ng		97
29) Benzo(a)anthracene	21.08	228	1529005	11.232	ng		94
30) Chrysene	21.08	228	1526120	11.538	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	1101356	7.555	ng		98
33) Benzo(b)fluoranthene	22.54	252	2319136	14.946	ng		99
34) Benzo(k)fluoranthene	22.54	252	2319136	15.133	ng		99
35) Benzo(a)pyrene	23.07	252	1815671	12.907	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	342128	2.438	ng		94
37) Benzo(g,h,i)perylene	25.86	276	920710	6.377	ng		99

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

Quantitation Report (Not Reviewed)

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Data File : BN007212.D
Acq On : 16 Aug 2019 00:34
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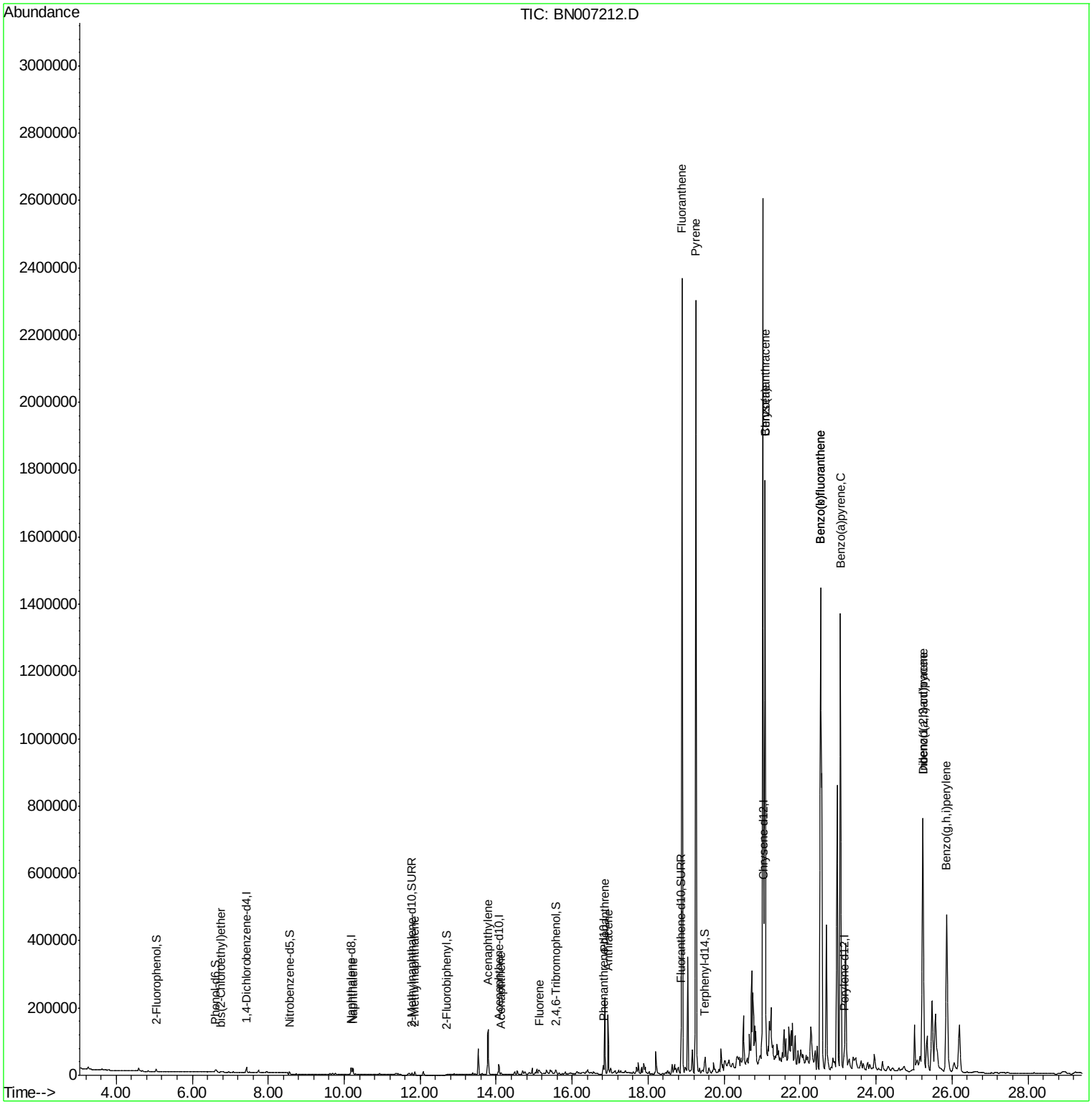
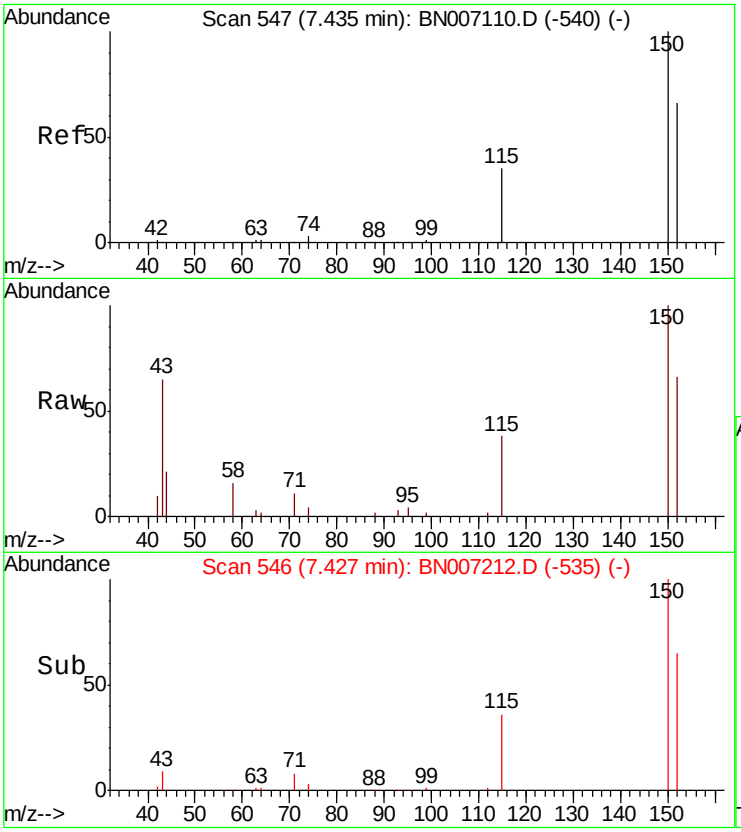
Sample : K4282-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 16 07:07:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



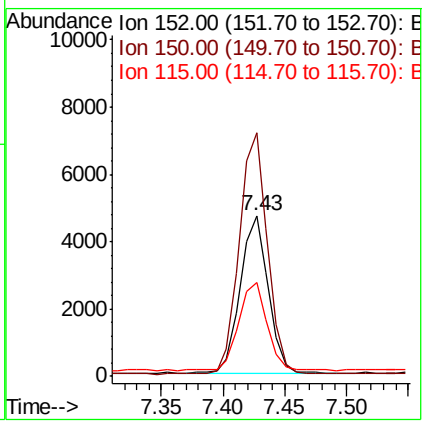


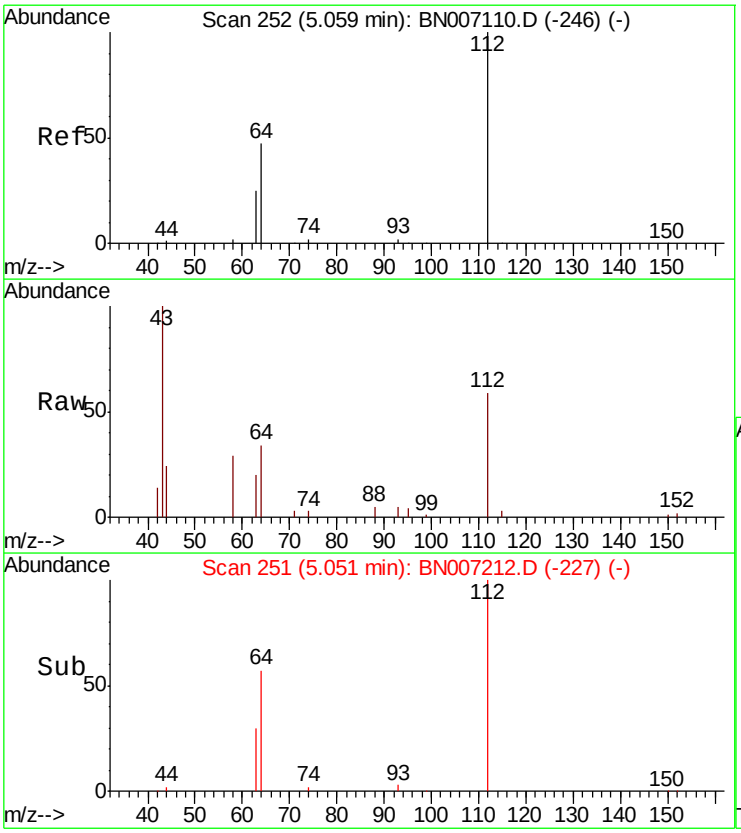
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7318

Ion	Ratio	Lower	Upper
152	100		
150	151.3	121.7	182.5
115	58.2	46.2	69.4

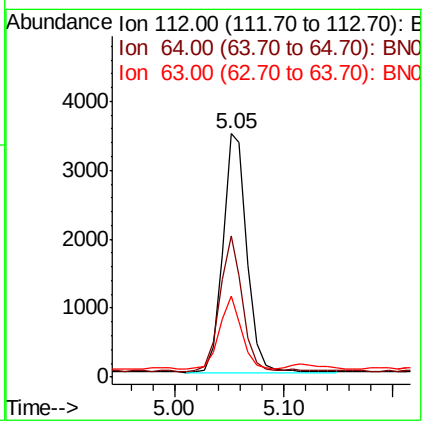


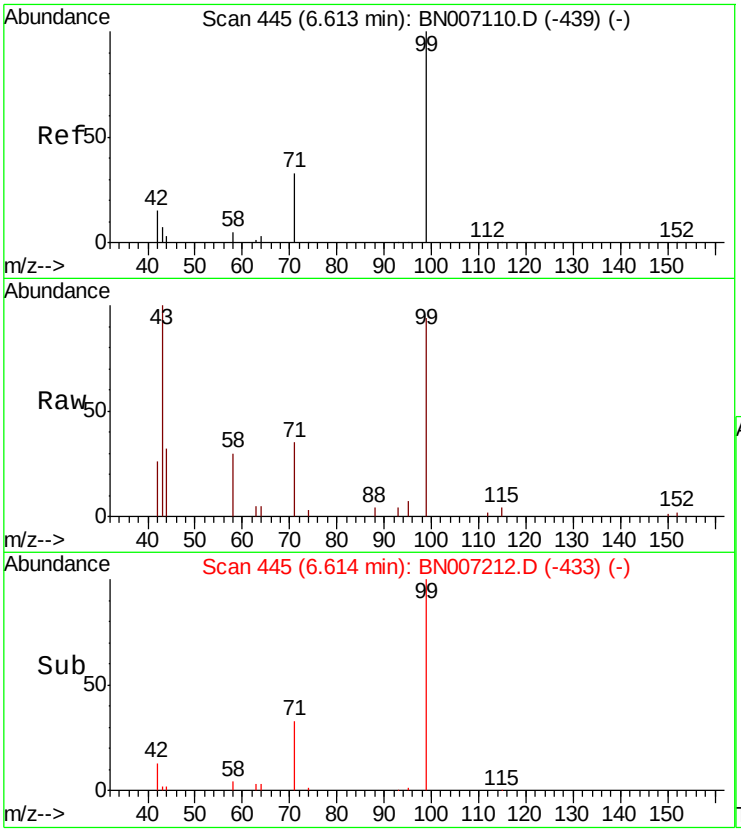


#3
2-Fluorophenol
Concen: 0.307 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:112 Resp: 5395

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.6	63.8
63	27.0	22.2	33.2



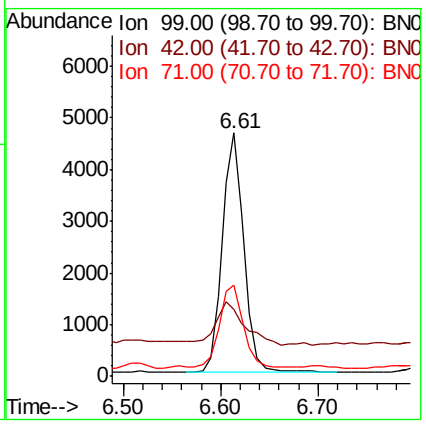


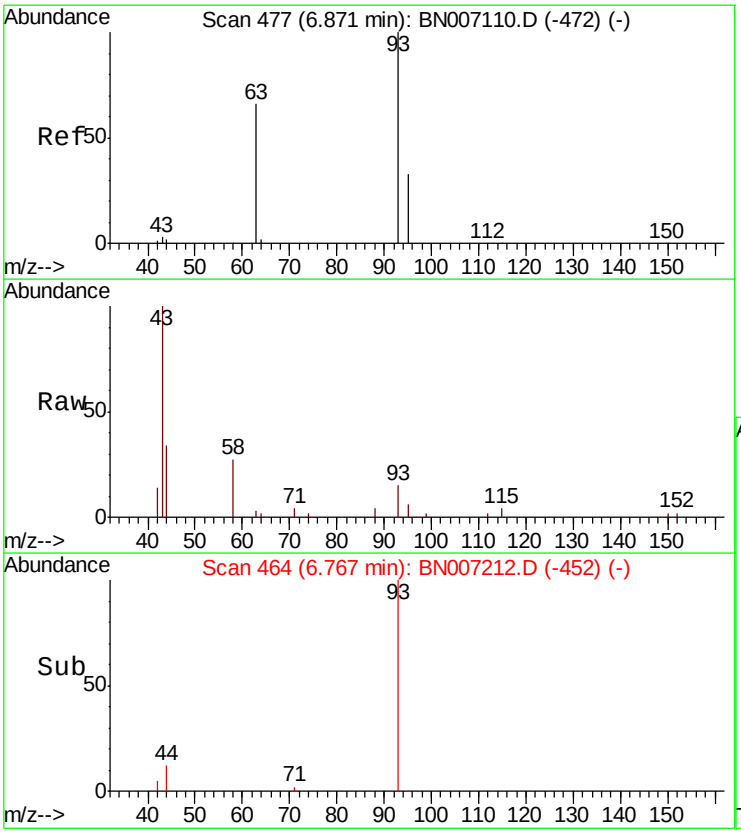
#4
Phenol-d6
Concen: 0.333 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7259

Ion	Ratio	Lower	Upper
99	100		
42	23.4	15.8	23.6
71	38.8	27.0	40.4

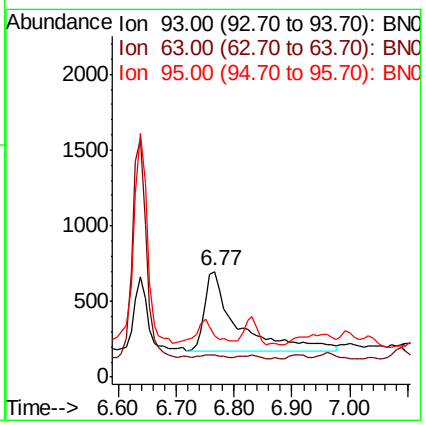


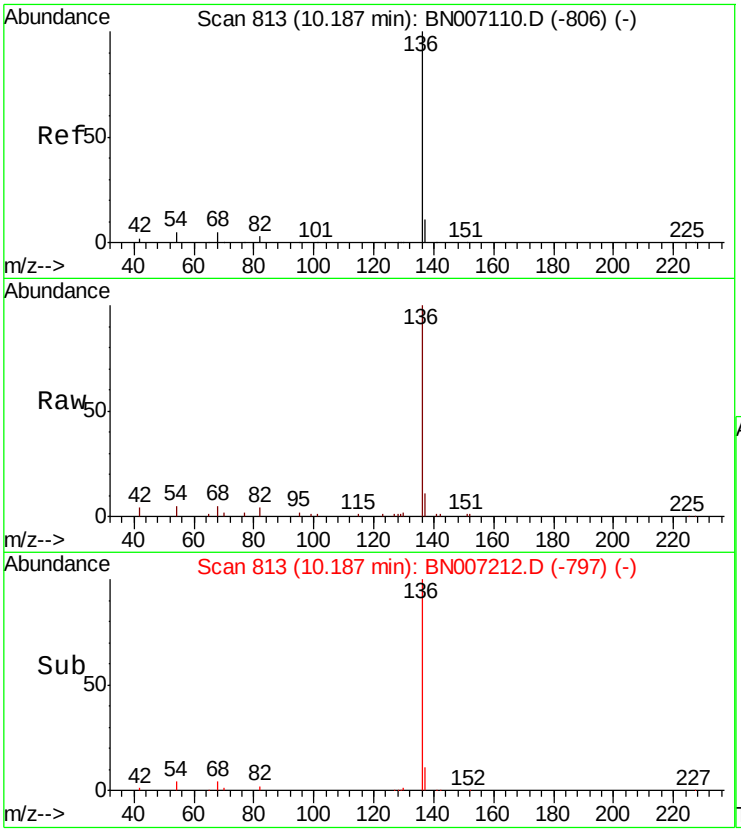


#5
bis(2-Chloroethyl)ether
Concen: 0.106 ng
RT: 6.77 min Scan# 464
Delta R.T. -0.10 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion: 93 Resp: 2035

Ion	Ratio	Lower	Upper
93	100		
63	2.0	55.6	83.4#
95	14.5	26.7	40.1#



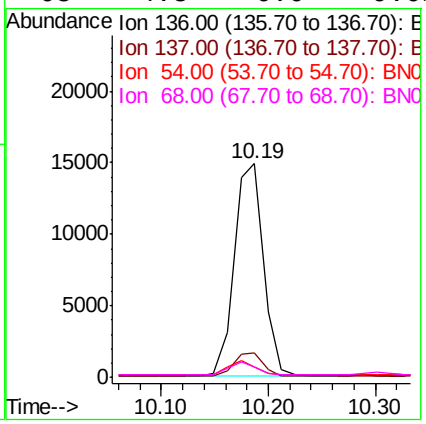


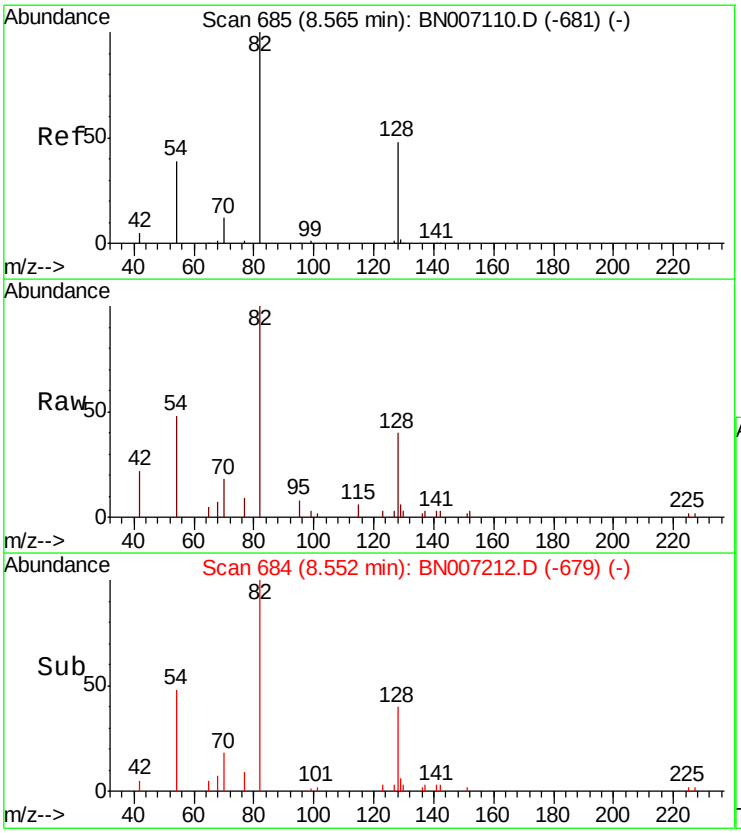
#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 28173

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	4.7	6.6	9.8#
68	4.8	6.0	9.0#

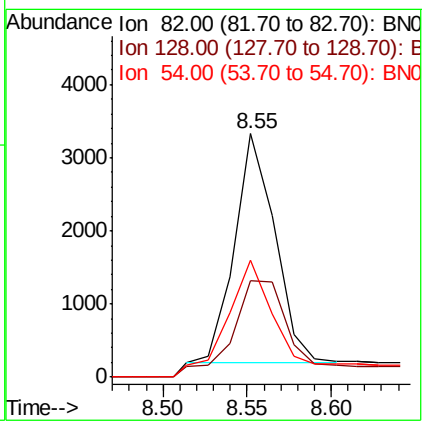


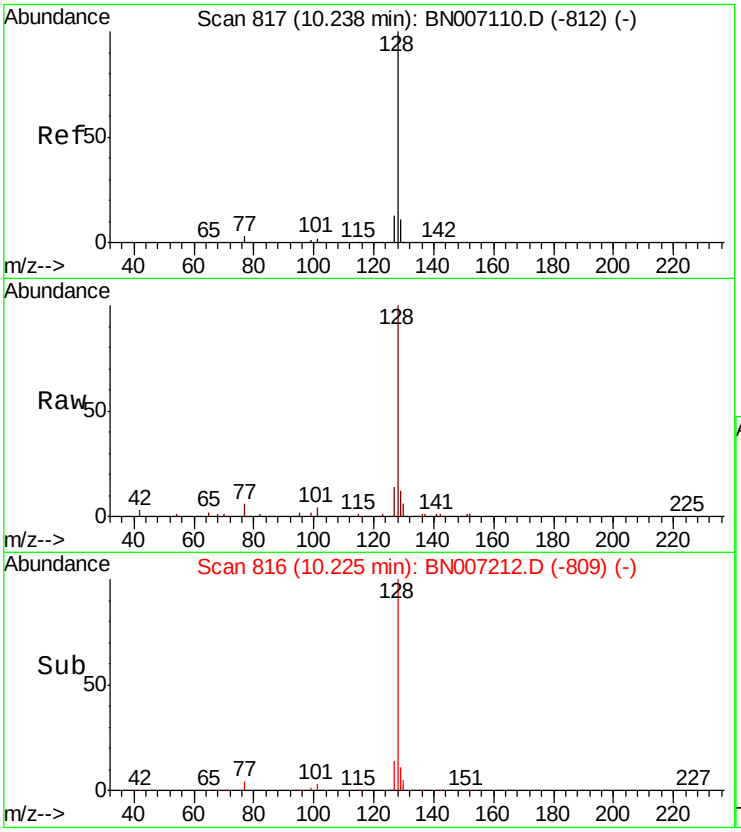


#7
Nitrobenzene-d5
Concen: 0.231 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion: 82 Resp: 5237

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	51.8
54	48.1	36.2	54.4



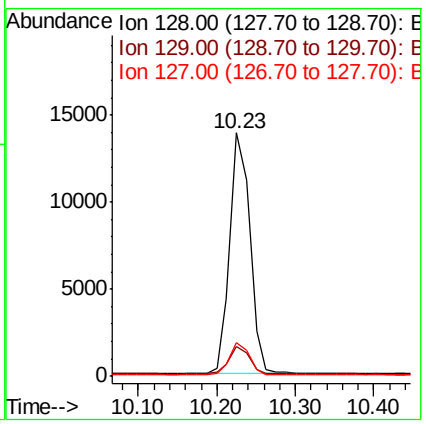


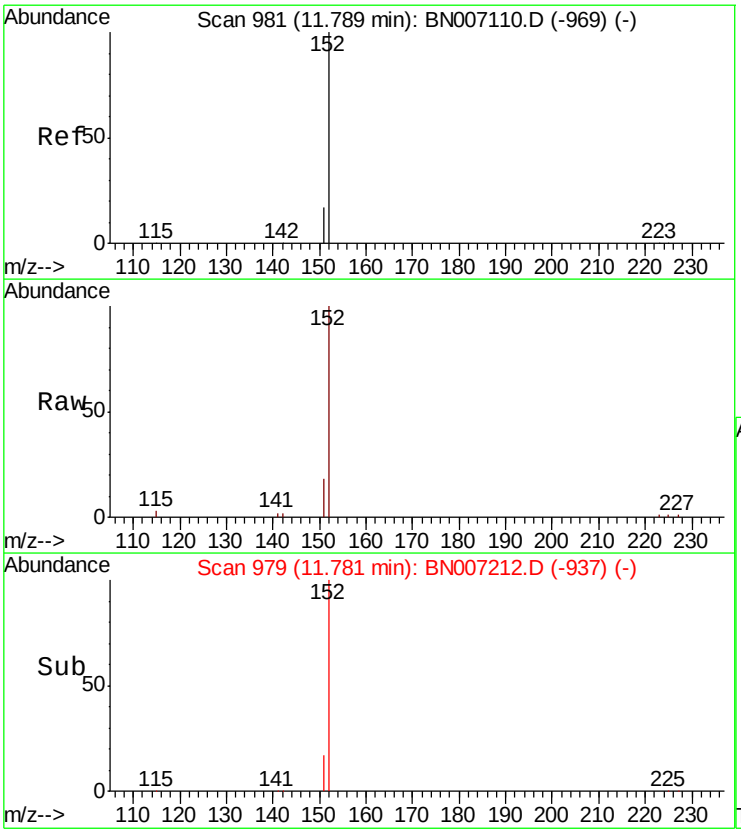
#8
Naphthalene
Concen: 0.313 ng
RT: 10.23 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 24722

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	14.0	11.0	16.6

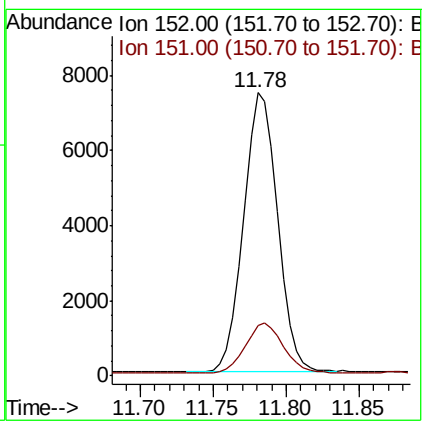


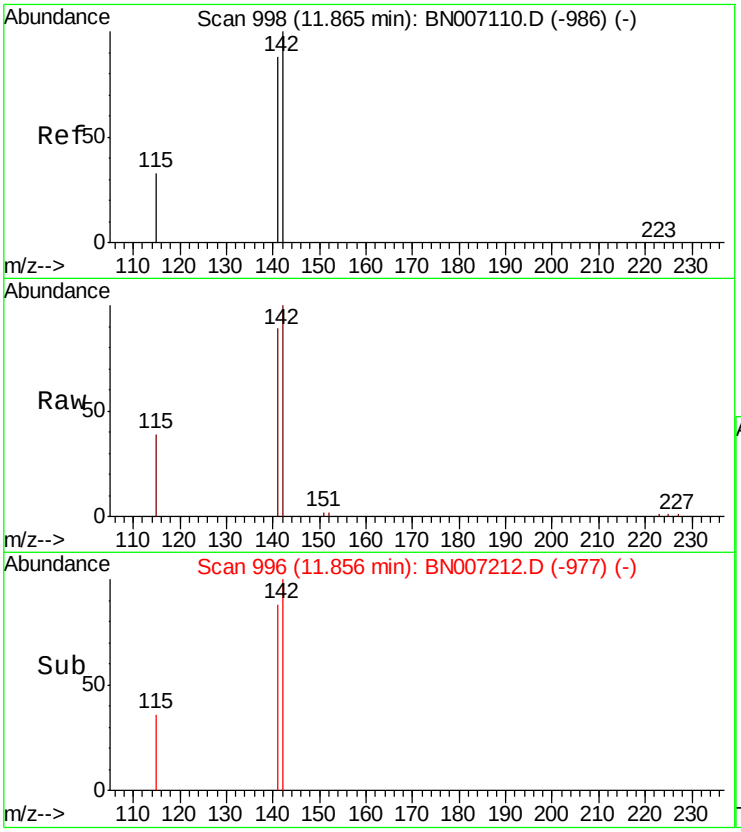


#10
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:152 Resp: 12219

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



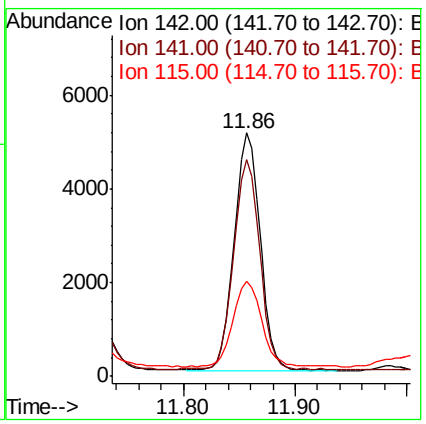


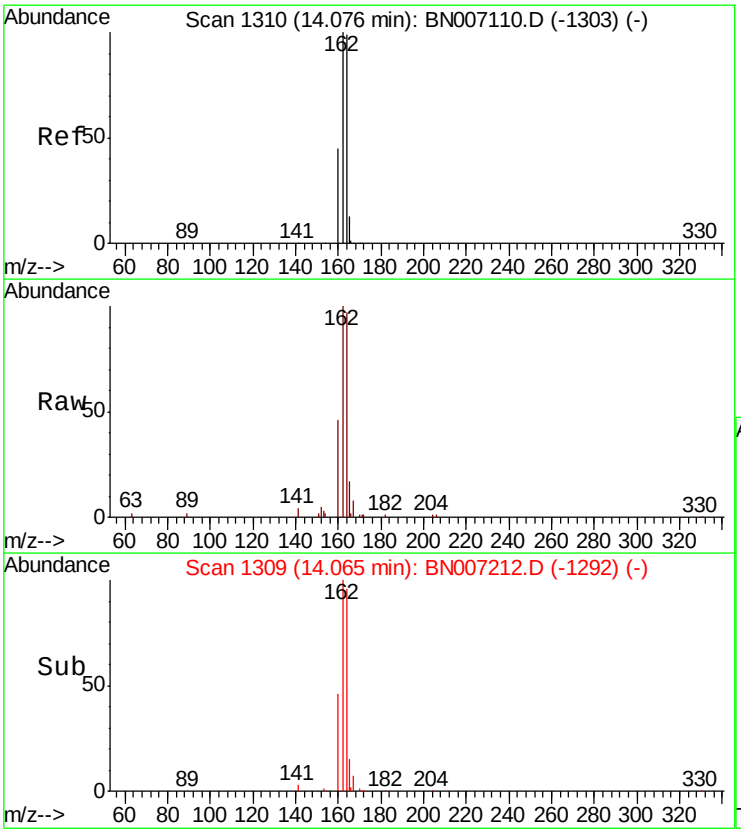
#11
2-Methylnaphthalene
Concen: 0.147 ng
RT: 11.86 min Scan# 996
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 8208

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.0	103.6
115	39.3	27.1	40.7

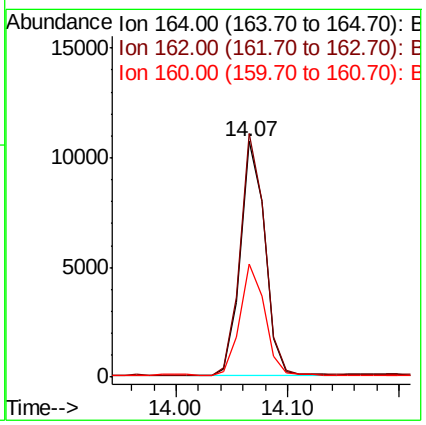


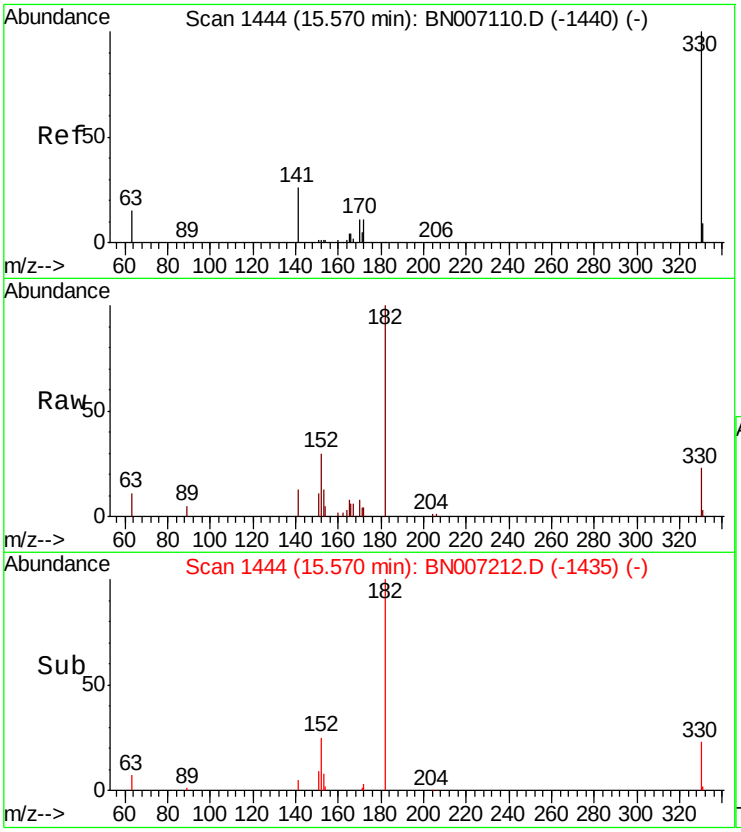


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:164 Resp: 16200

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.4
160	48.0	38.3	57.5



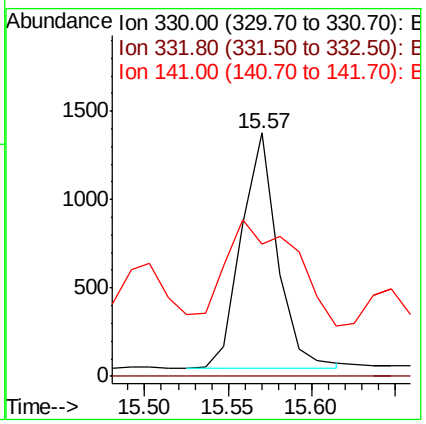


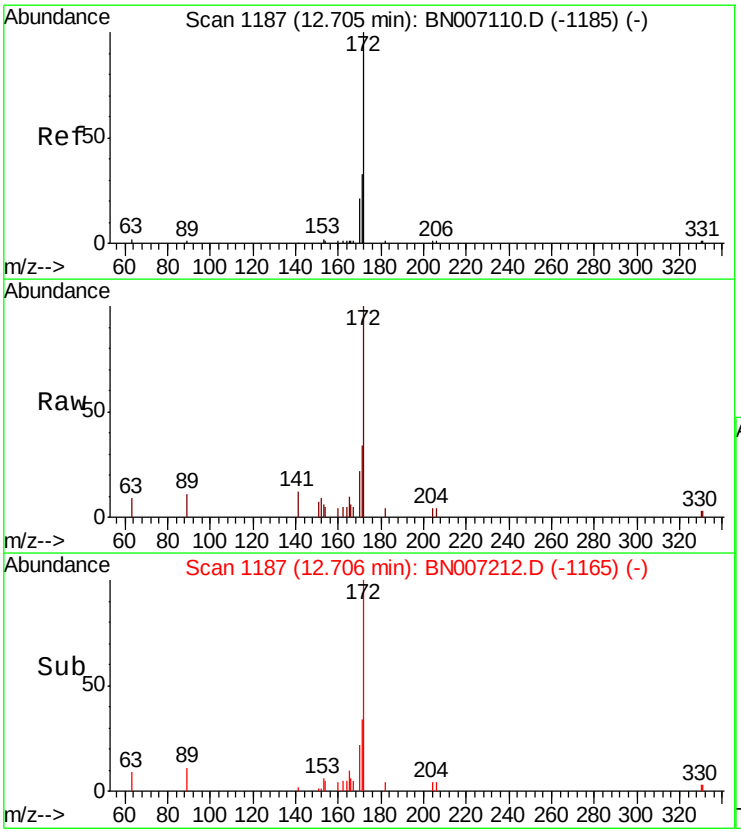
#13
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1982

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	86.6	33.6	50.4#

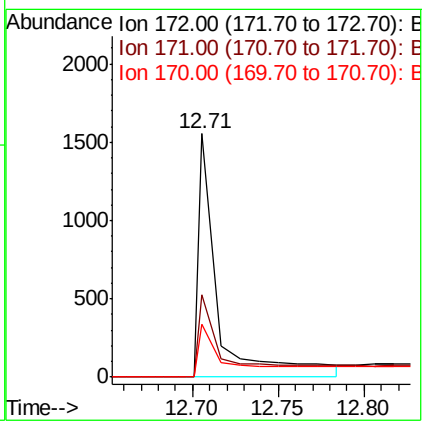


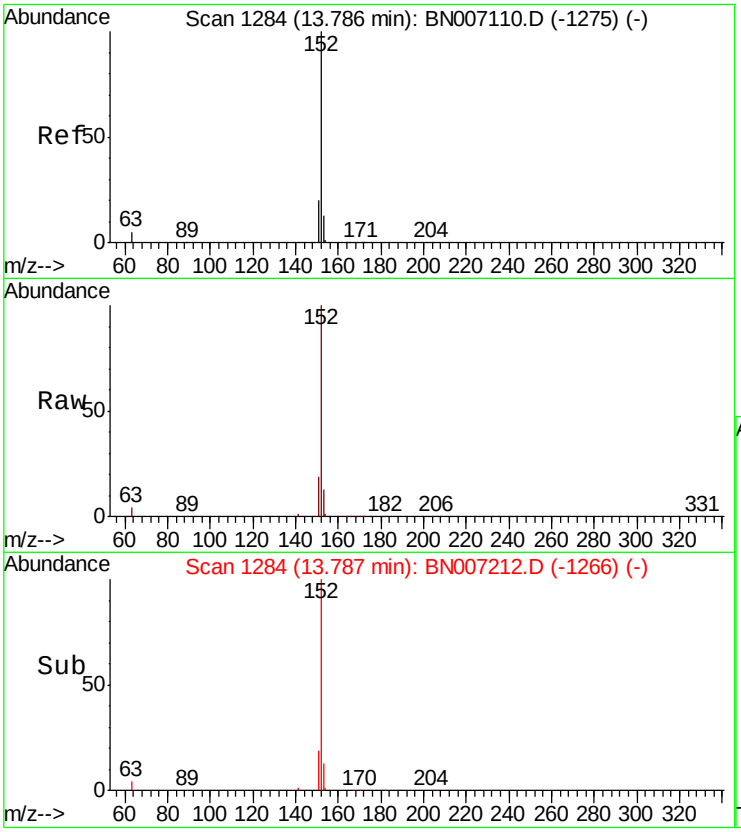


#14
2-Fluorobiphenyl
Concen: 0.057 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:172 Resp: 1338

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.3	39.5
170	21.9	17.0	25.4



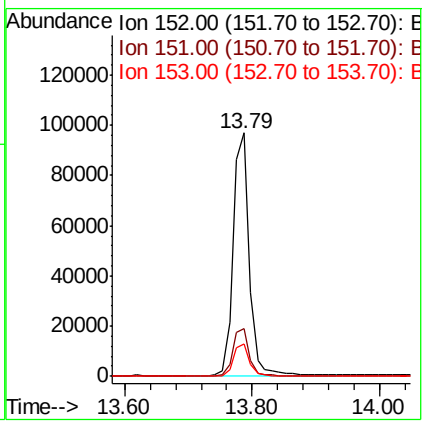


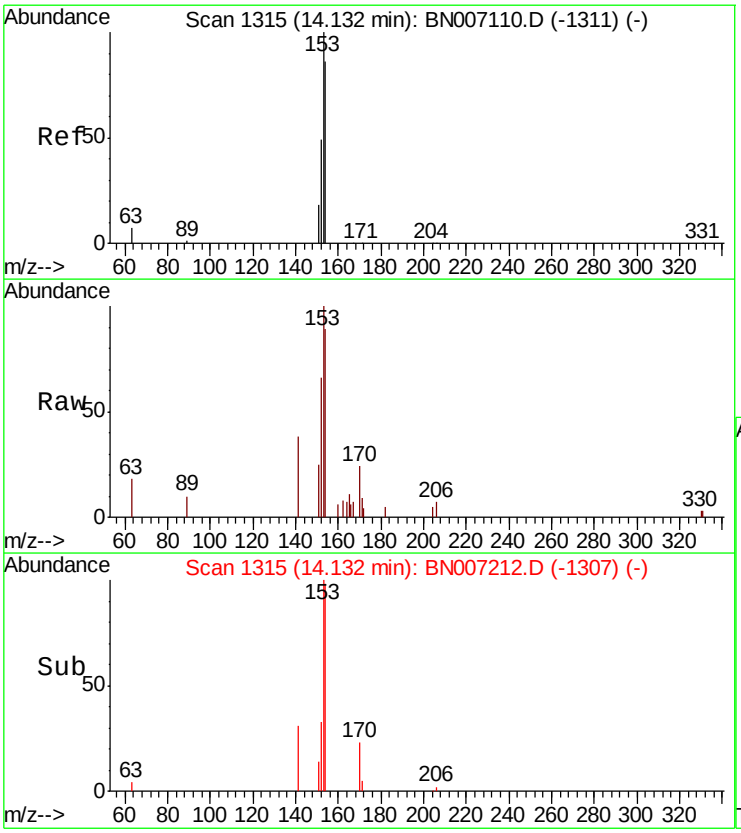
#15
Acenaphthylene
Concen: 2.018 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 170831

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.2	10.4	15.6

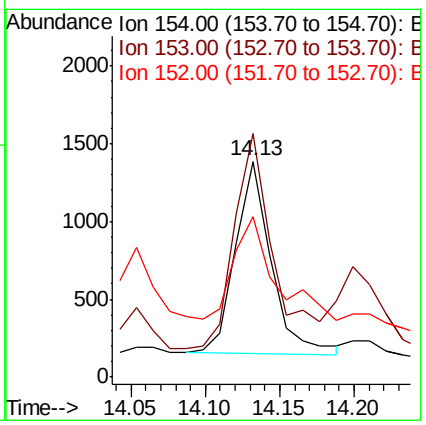


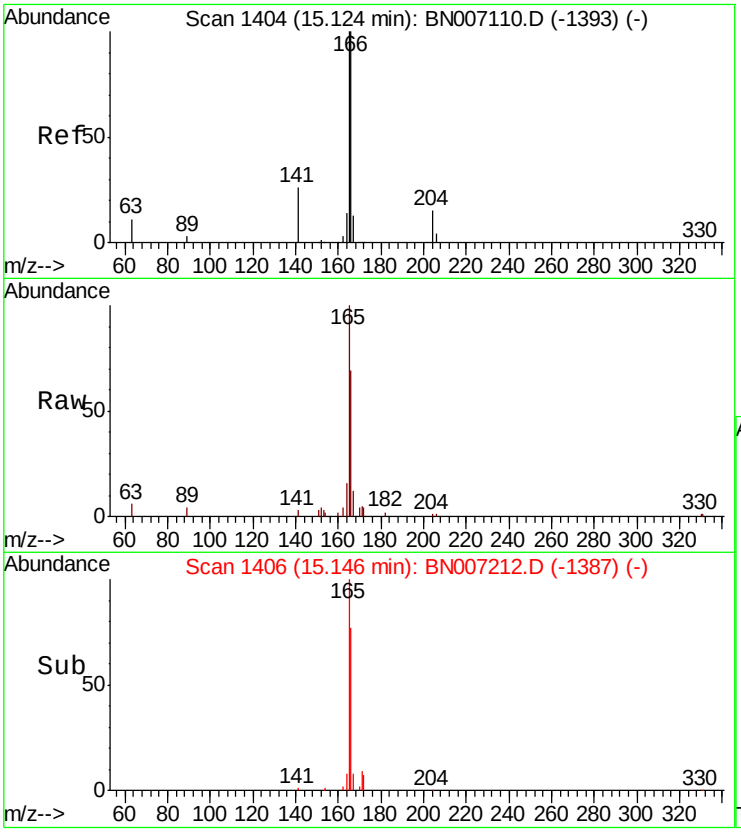


#16
Acenaphthene
Concen: 0.038 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:154 Resp: 2080

Ion	Ratio	Lower	Upper
154	100		
153	121.1	89.5	134.3
152	93.8	44.8	67.2#



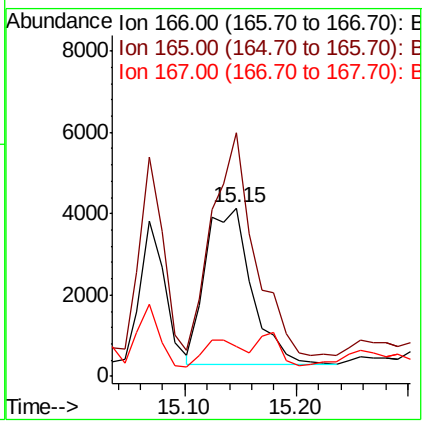


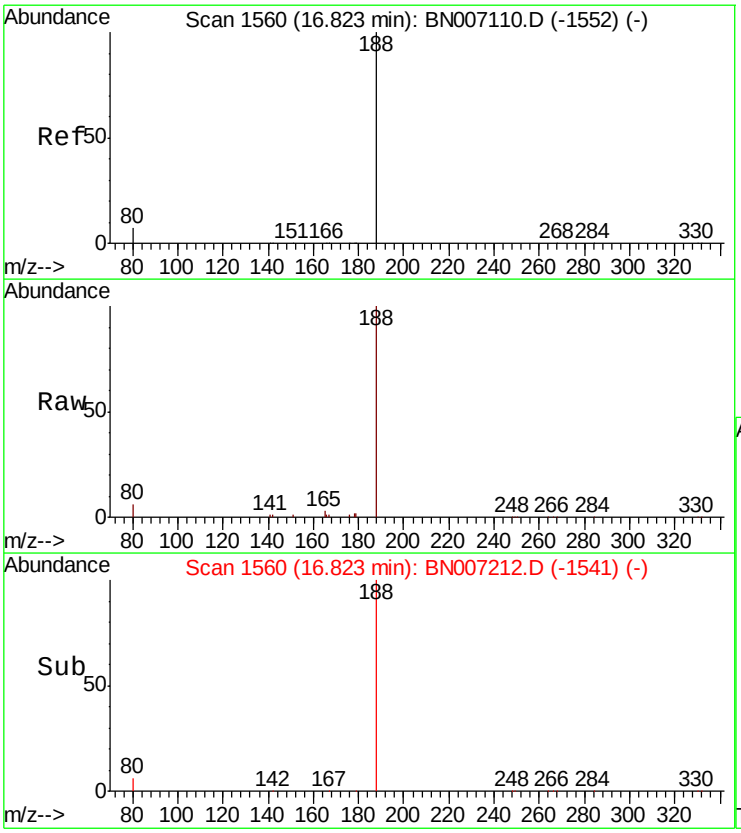
#17
Fluorene
Concen: 0.136 ng
RT: 15.15 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 11010

Ion	Ratio	Lower	Upper
166	100		
165	130.3	77.9	116.9#
167	0.0	10.9	16.3#

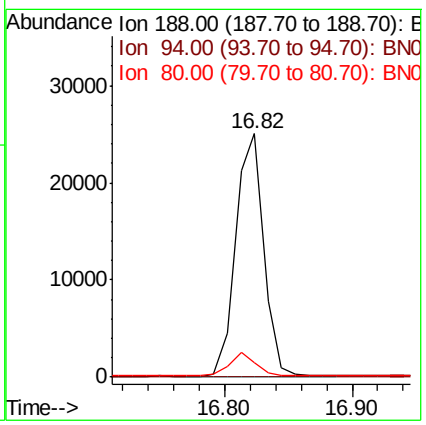


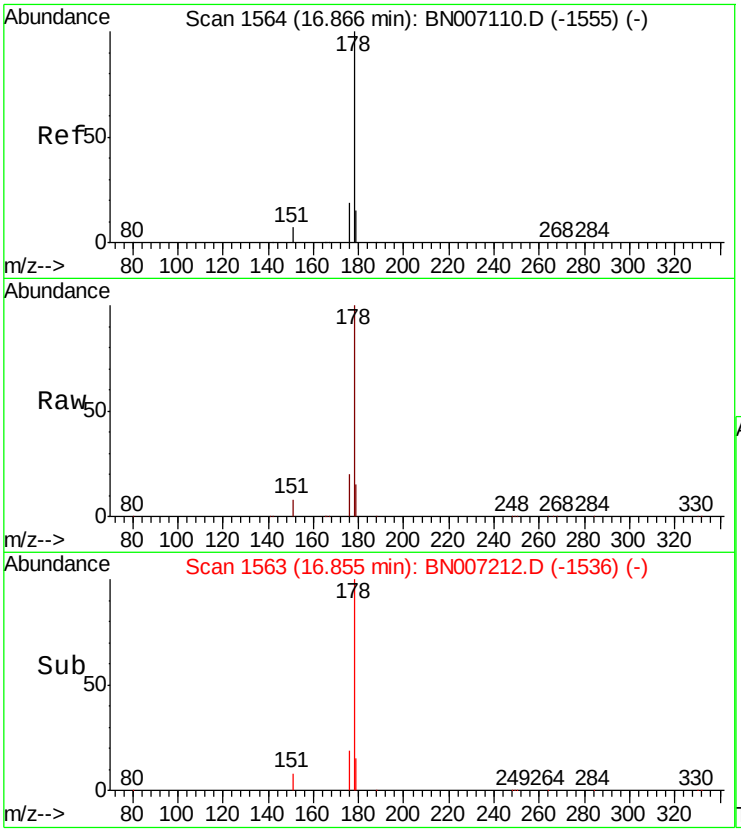


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:188 Resp: 38116

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	7.8	11.6#



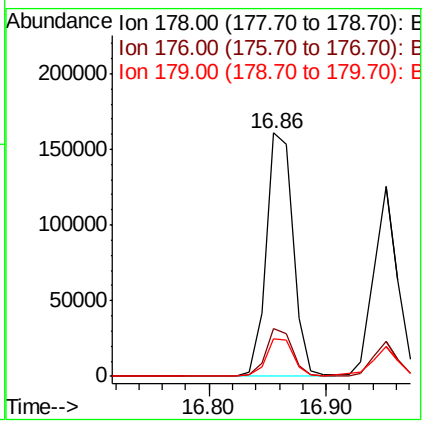


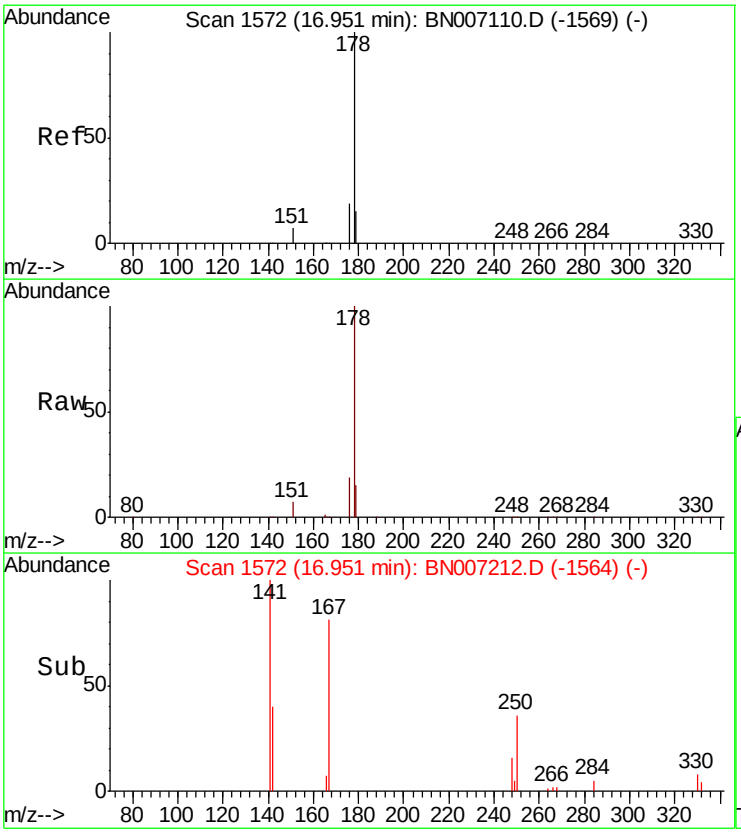
#22
Phenanthrene
Concen: 2.244 ng
RT: 16.86 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 256390

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.7	12.3	18.5

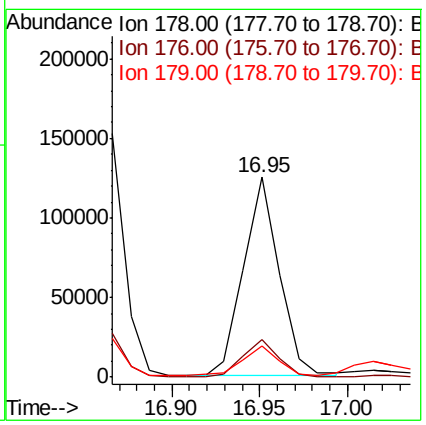


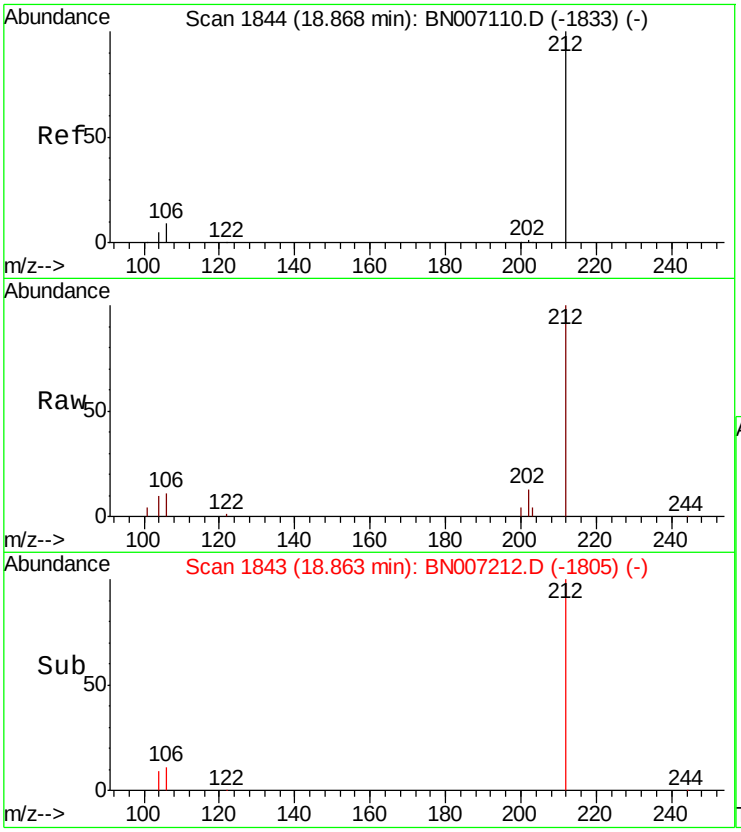


#23
Anthracene
Concen: 1.688 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:178 Resp: 176209

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.7	12.5	18.7



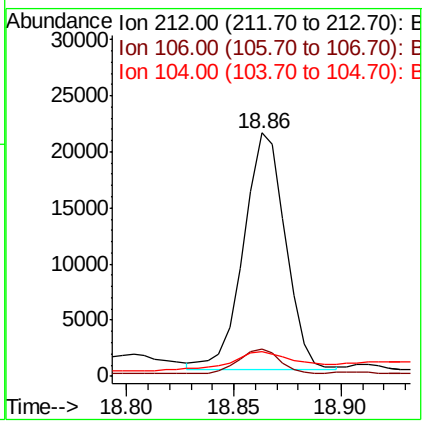


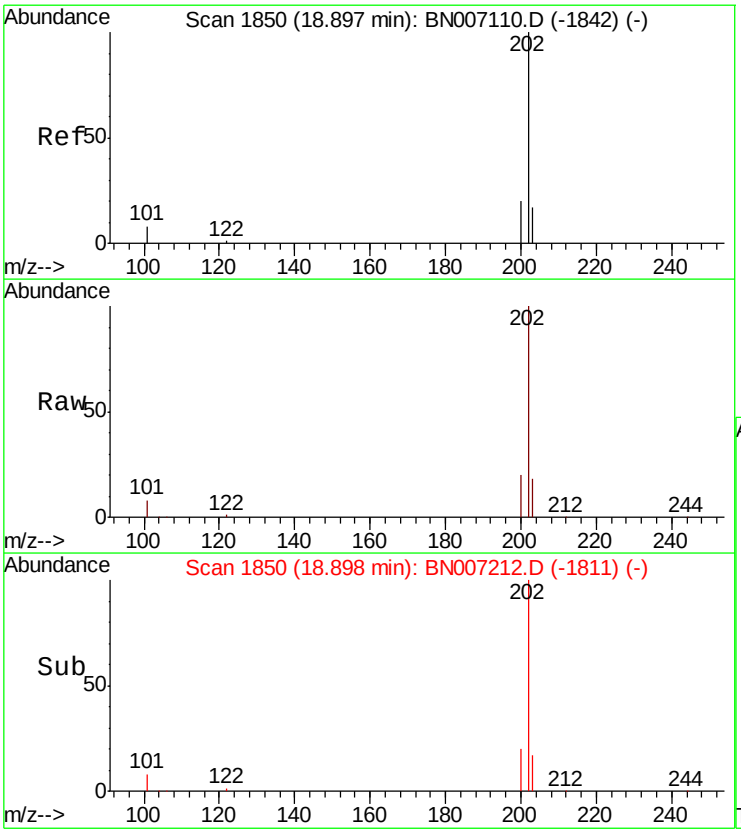
#24
Fluoranthene-d10
Concen: 0.212 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 28695

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.2	12.2
104	15.0	4.5	6.7#

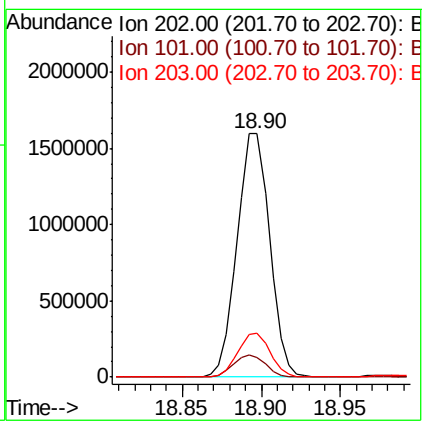


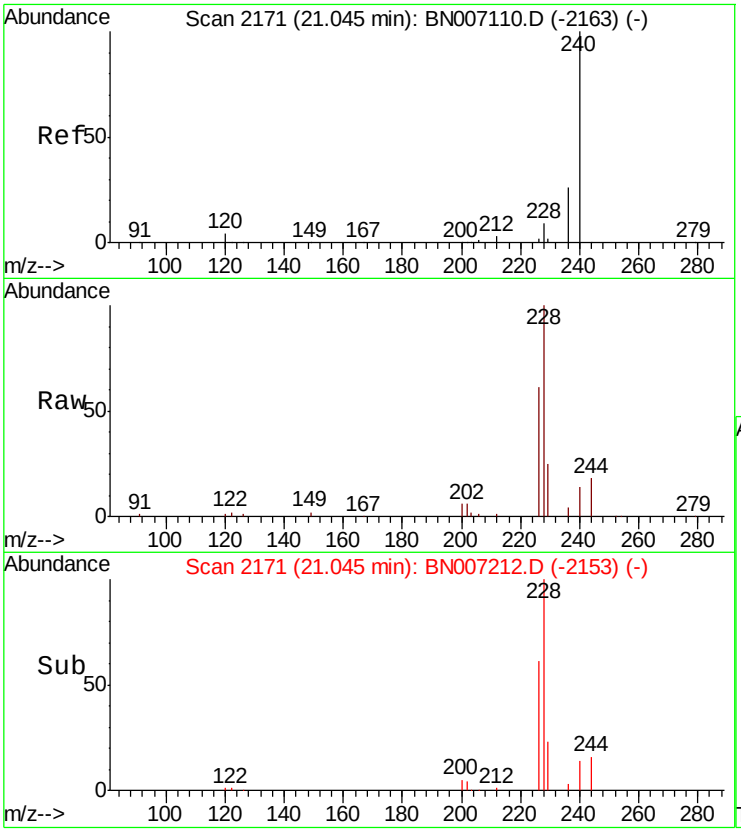


#25
Fluoranthene
Concen: 15.570 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:202 Resp: 2275192

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	17.9	13.8	20.8



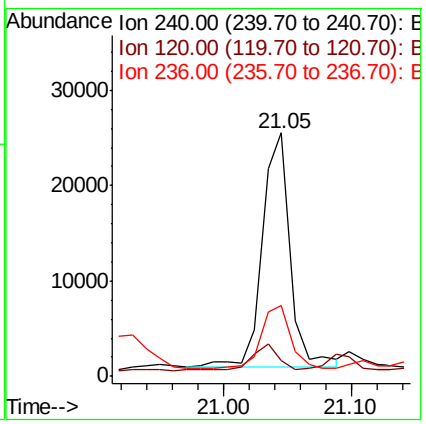


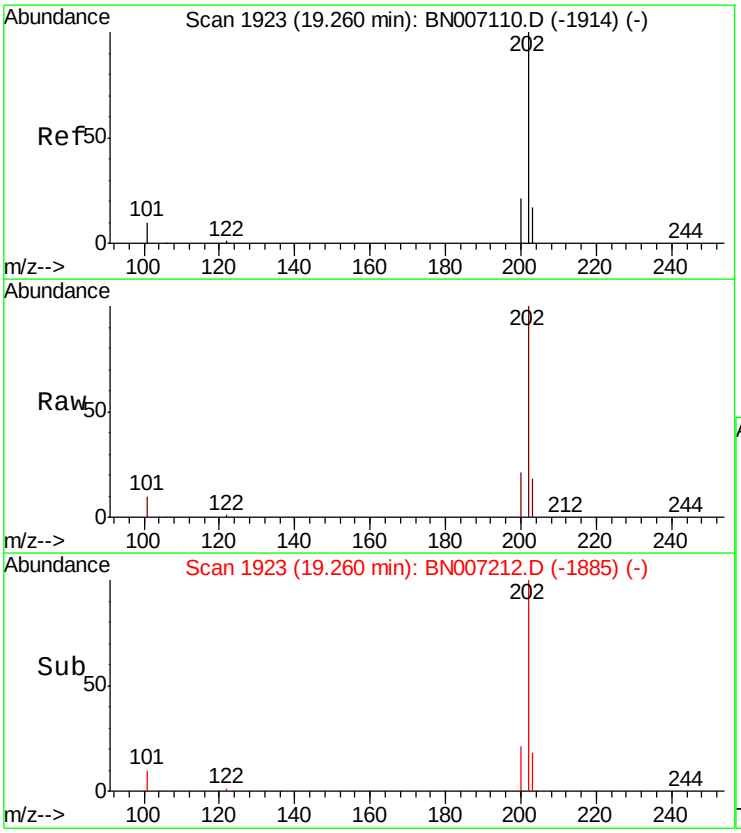
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 37225

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.0	6.0#
236	29.3	21.3	31.9

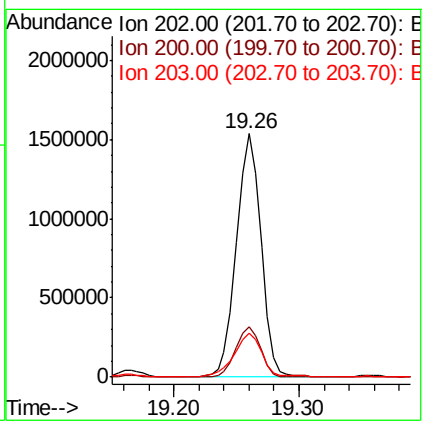


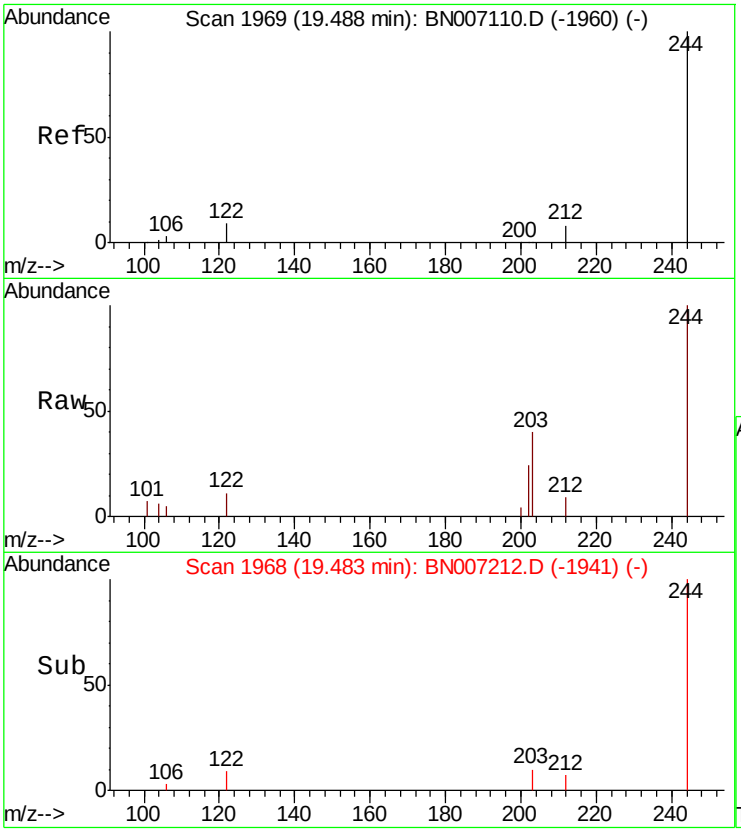


#27
Pyrene
Concen: 15.968 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:202 Resp: 2084530

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	20.4	14.0	21.0



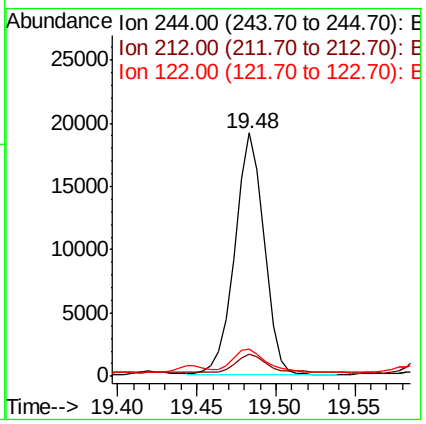


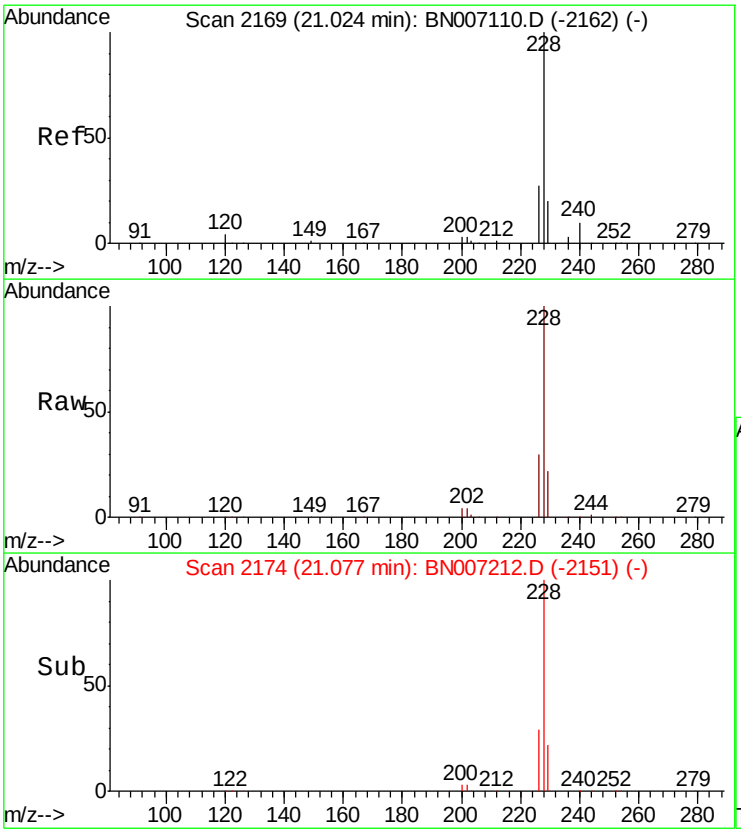
#28
Terphenyl-d14
Concen: 0.240 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 24337

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.2	9.2
122	11.4	7.4	11.2#

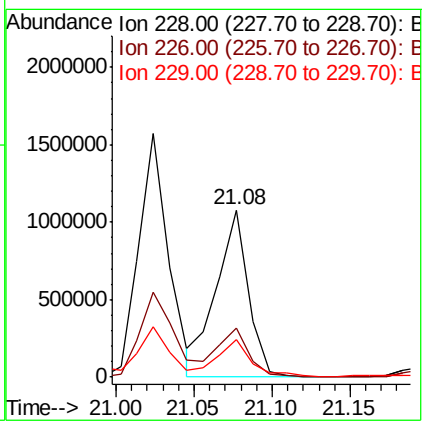


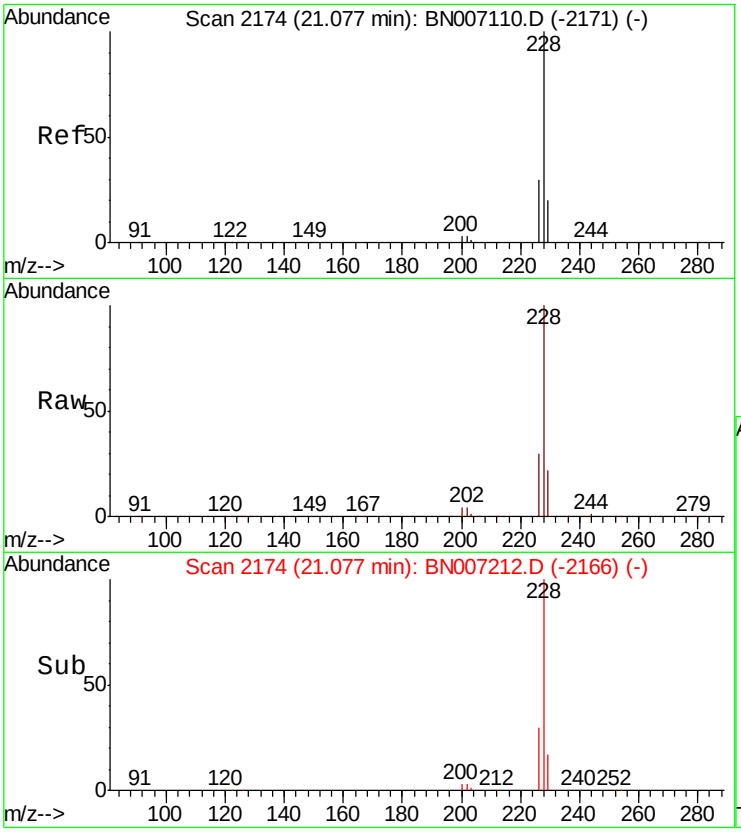


#29
Benzo(a)anthracene
Concen: 11.232 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:228 Resp: 1529005

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.6
229	22.5	15.6	23.4



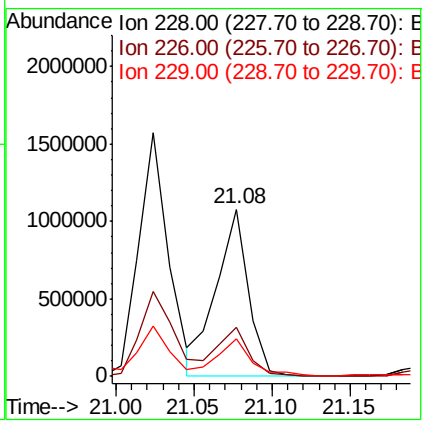


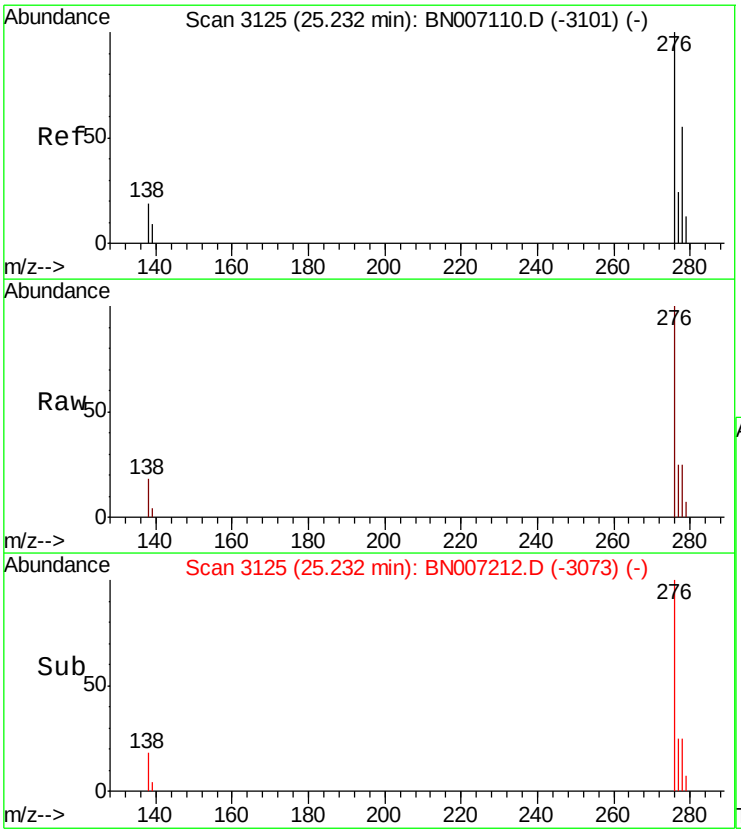
#30
Chrysene
Concen: 11.538 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1526120

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	22.5	15.7	23.5

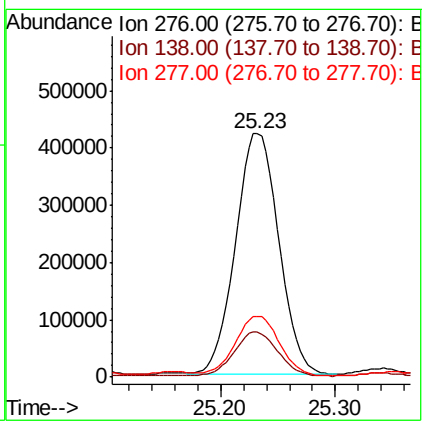


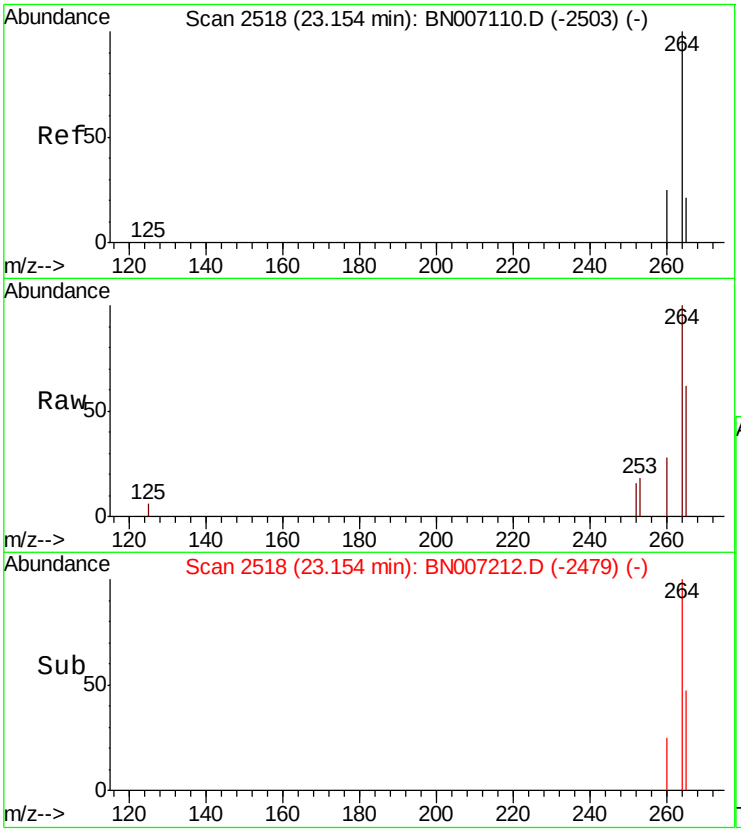


#31
Indeno(1,2,3-cd)pyrene
Concen: 7.555 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:276 Resp: 1101356

Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.0	24.0
277	25.2	19.9	29.9



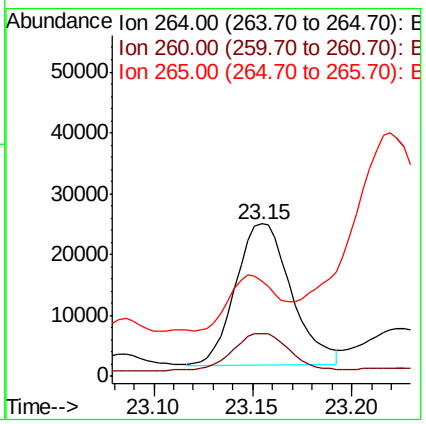


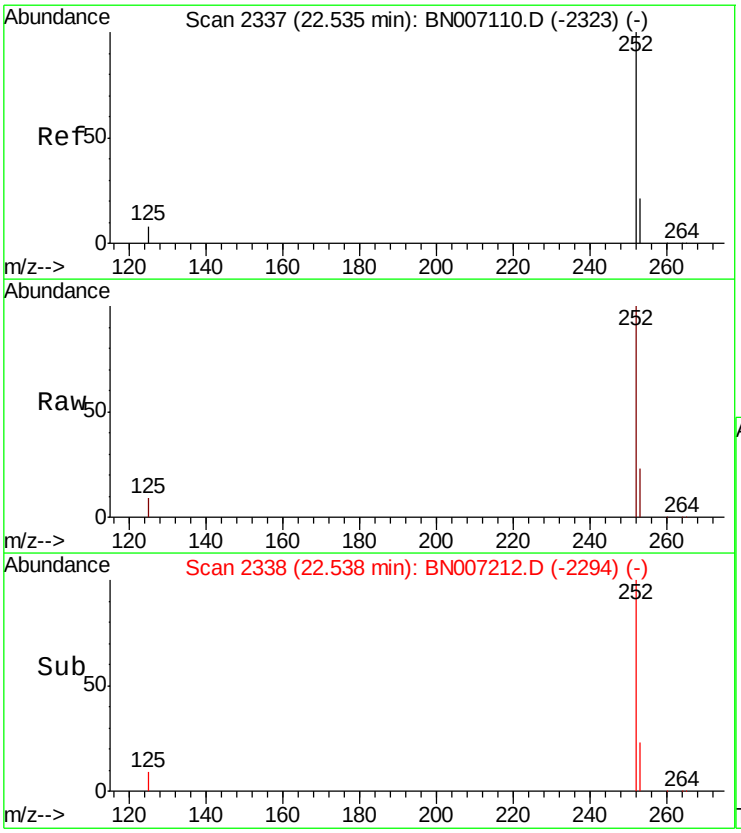
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 45252

Ion	Ratio	Lower	Upper
264	100		
260	28.1	19.8	29.8
265	62.3	26.2	39.4#

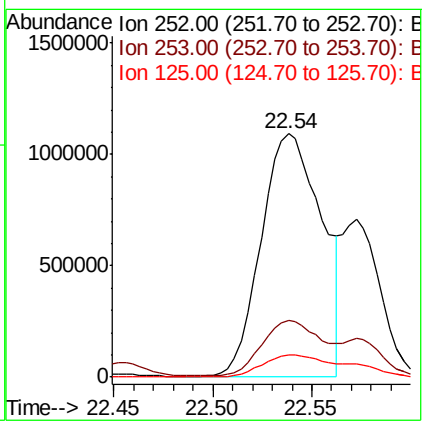


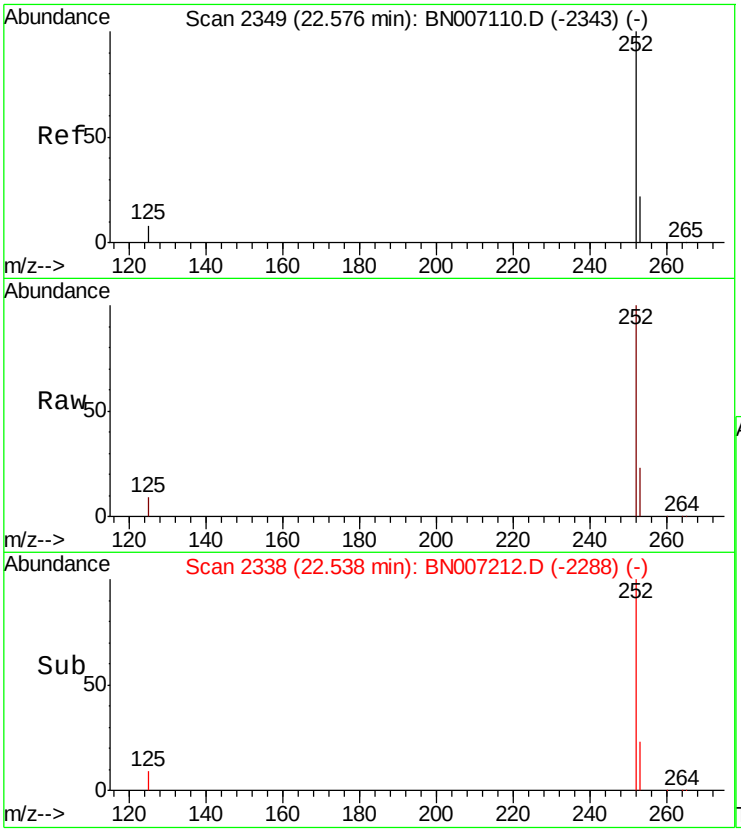


#33
Benzo(b)fluoranthene
Concen: 14.946 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:252 Resp: 2319136

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.9	7.4	11.0



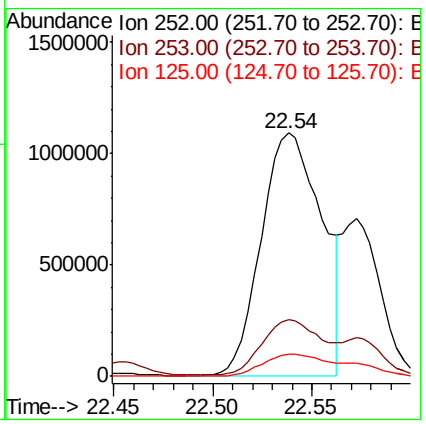


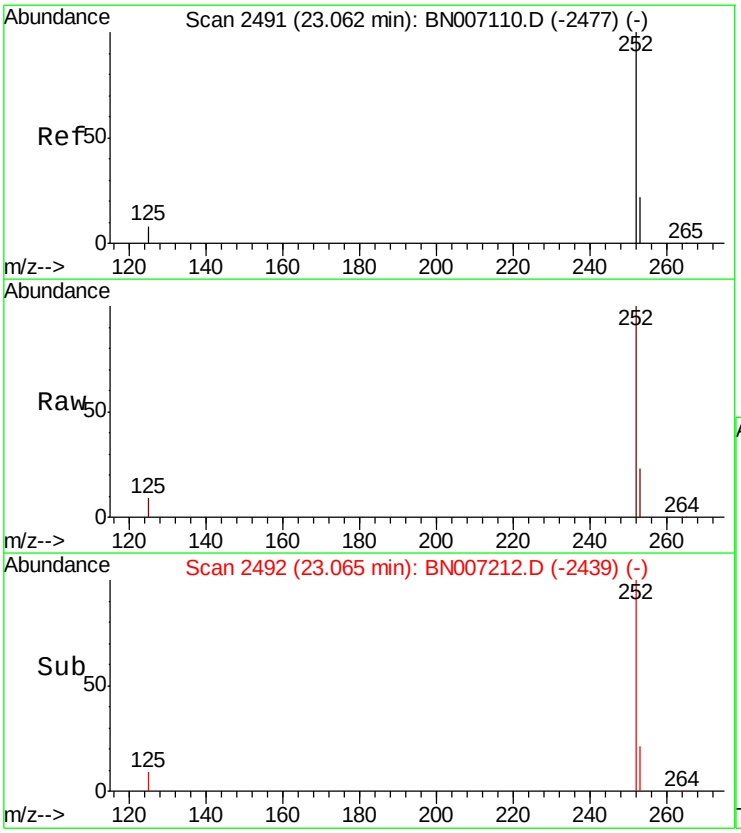
#34
Benzo(k)fluoranthene
Concen: 15.133 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.05 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2319136

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	8.9	7.4	11.0

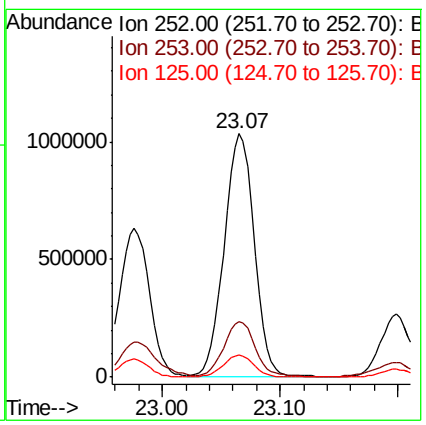


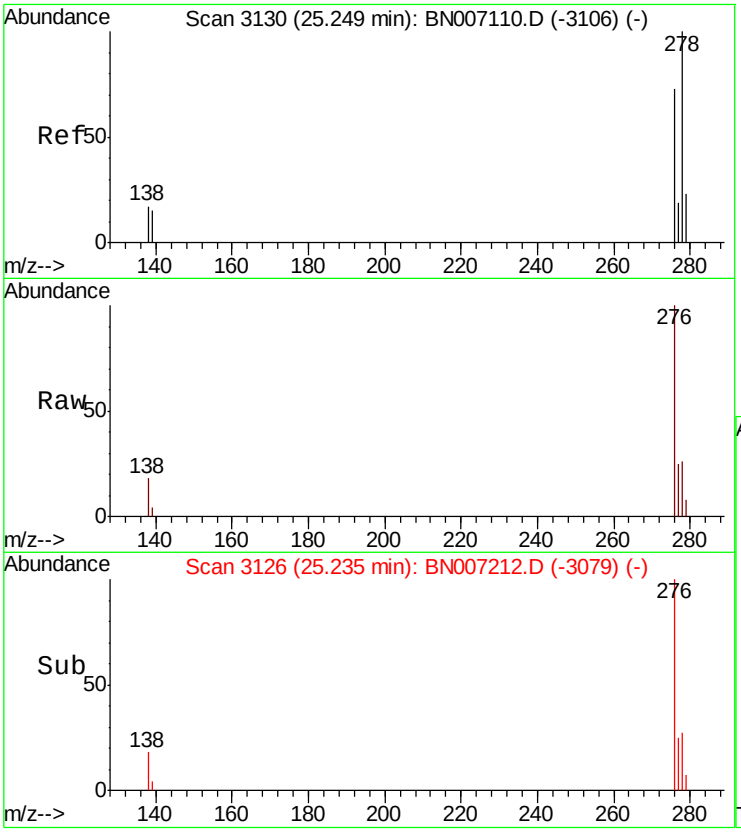


#35
Benzo(a)pyrene
Concen: 12.907 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:252 Resp: 1815671

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	9.1	8.2	12.4



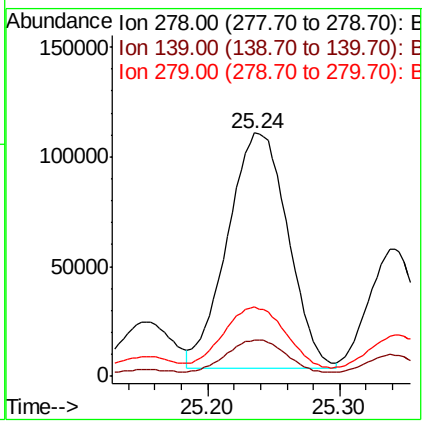


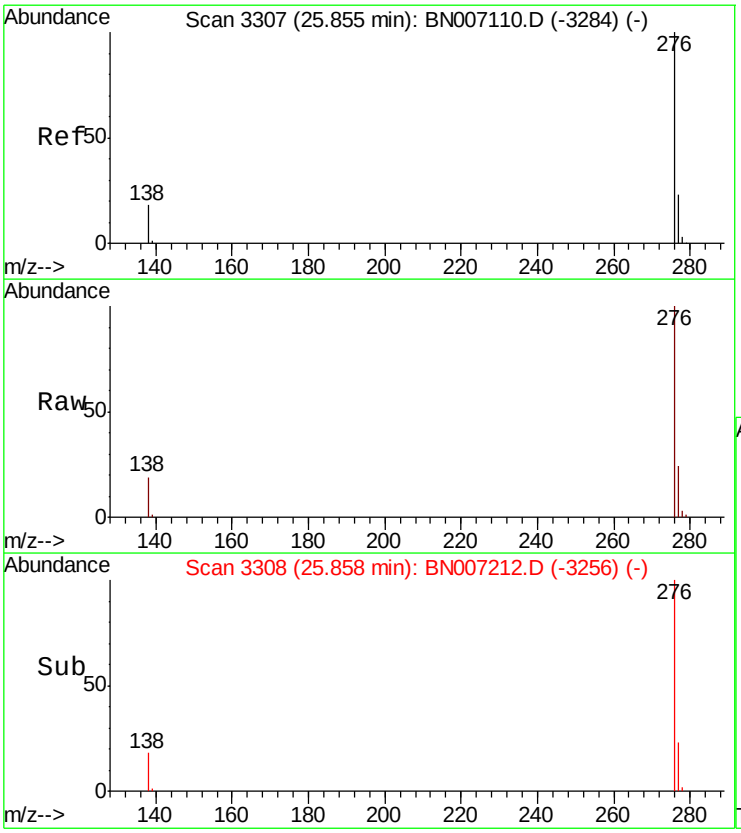
#36
Dibenzo(a,h)anthracene
Concen: 2.438 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.04 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 342128

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.3	16.9
279	28.4	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 6.377 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007212.D
Acq: 16 Aug 2019 00:34

Tgt Ion:276 Resp: 920710

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	18.7	14.6	22.0