Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081619\

Quantitation Report (Not Reviewed)

Data File : BN007240.D
Acq On : 17 Aug 2019 02:40
Operator : HP/JU
Sample : K4282-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-010-SW152-080819

Quant Time: Aug 17 06:28:30 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	7.42	152	7139	0.40	ng		-0.02
6) Naphthalene-d8	10.17	136	27540	0.40	ng		-0.01
12) Acenaphthene-d10	14.07	164	16224	0.40	ng		-0.01
18) Phenanthrene-d10	16.81	188	37036	0.40	ng		-0.01
26) Chrysene-d12	21.03	240	35899	0.40	ng		-0.02
32) Perylene-d12	23.15	264	42457	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	5645	0.33	ng		0.00
4) Phenol-d6	6.61	99	7423	0.35	ng		0.00
7) Nitrobenzene-d5	8.55	82	6731	0.30	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	12348	0.24	ng		-0.01
13) 2,4,6-Tribromophenol	15.57	330	2445	0.28	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	824	0.03	ng		0.00
24) Fluoranthene-d10	18.86	212	26400	0.20	ng		-0.01
28) Terphenyl-d14	19.48	244	18560	0.19	ng		-0.02
Target Compounds							Qvalue
5) bis(2-Chloroethyl)ether	6.88	93	491	0.026	ng	#	61
8) Naphthalene	10.22	128	44618	0.578	ng		100
11) 2-Methylnaphthalene	11.86	142	29760	0.544	ng		98
15) Acenaphthylene	13.78	152	302903	3.572	ng		100
16) Acenaphthene	14.13	154	20426	0.376	ng		97
17) Fluorene	15.12	166	50274	0.619	ng	#	83
21) Pentachlorophenol	16.47	266	494	0.060	ng		96
22) Phenanthrene	16.86	178	726875	6.549	ng		100
23) Anthracene	16.95	178	329884	3.253	ng		99
25) Fluoranthene	18.89	202	1540503	10.850	ng		99
27) Pyrene	19.25	202	1588322	12.616	ng		97
29) Benzo(a)anthracene	21.08	228	1017726	7.752	ng		95
30) Chrysene	21.08	228	1015486	7.961	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	631145	4.489	ng		99
33) Benzo(b)fluoranthene	22.53	252	1405527	9.654	ng		100
34) Benzo(k)fluoranthene	22.53	252	1405527	9.775	ng		99
35) Benzo(a)pyrene	23.06	252	804696	6.097	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	168007	1.276	ng	#	91
37) Benzo(g,h,i)perylene	25.86	276	625567	4.618	ng		99

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

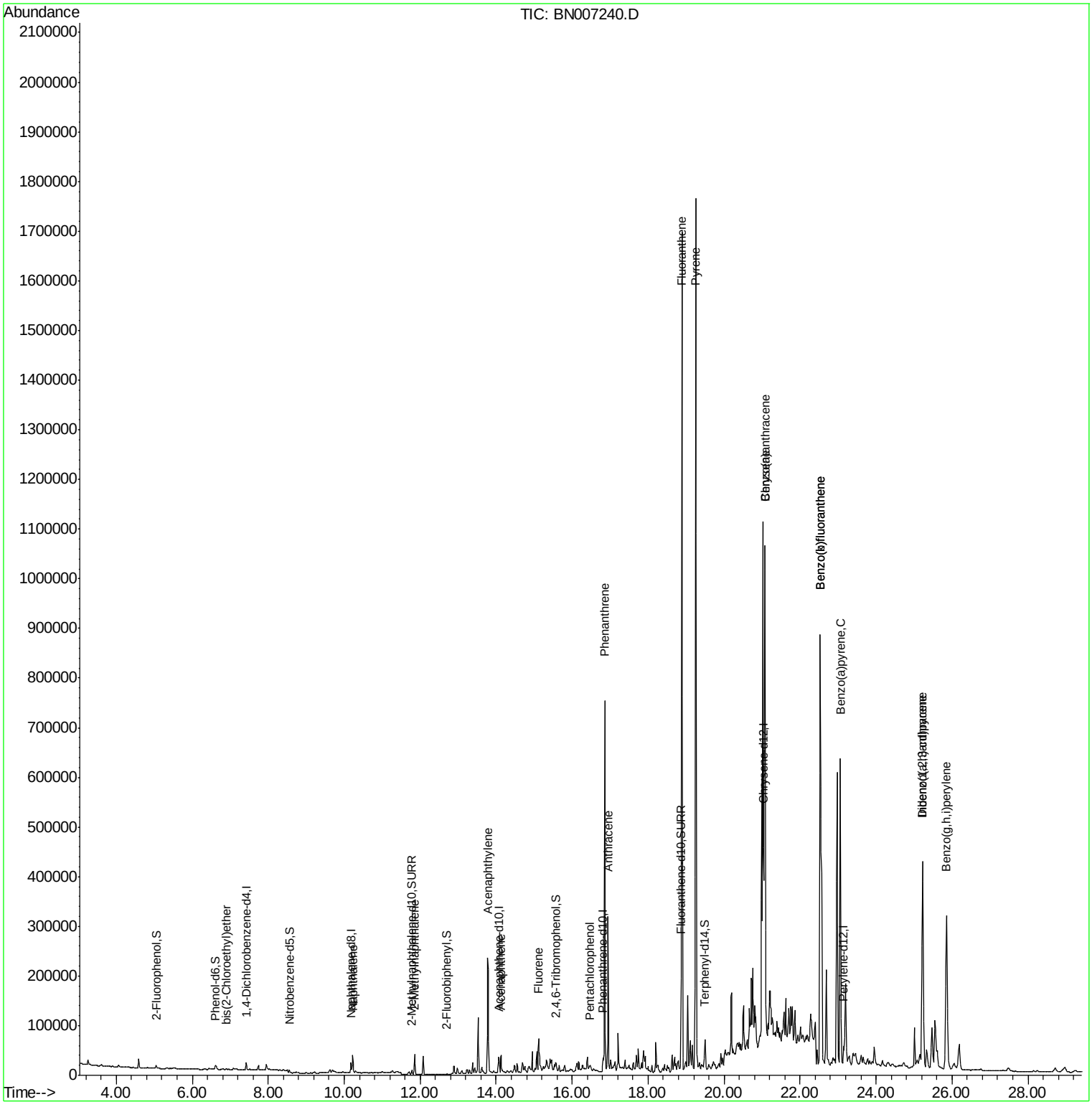
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081619\

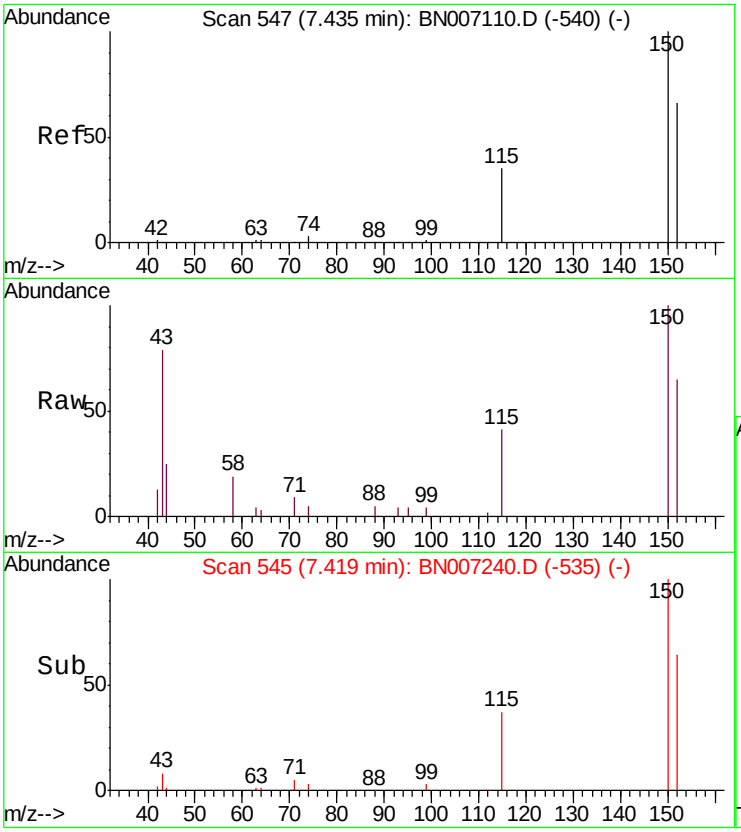
Quantitation Report (Not Reviewed)

Data File : BN007240.D
Acq On : 17 Aug 2019 02:40
Operator : HP/JU
Sample : K4282-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Quant Time: Aug 17 06:28:30 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



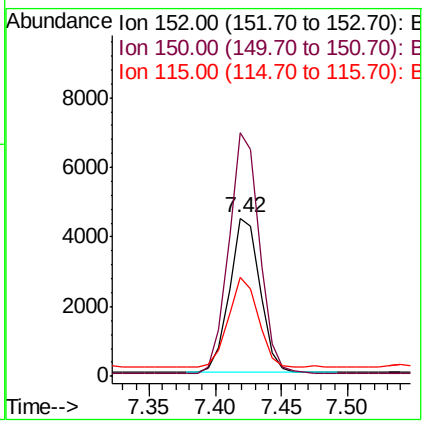


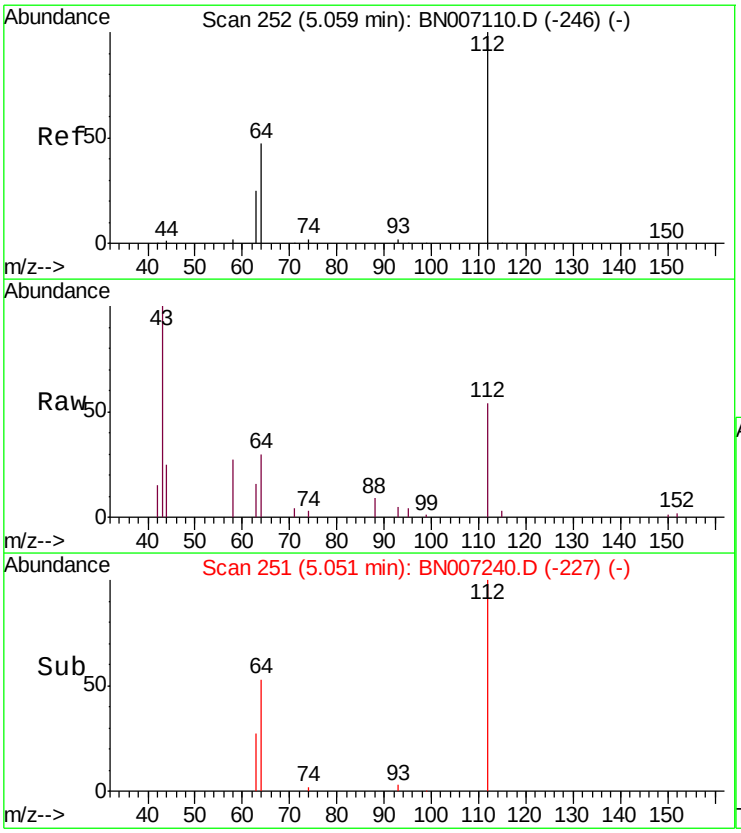
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:152 Resp: 7139

Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.7	182.5
115	62.6	46.2	69.4

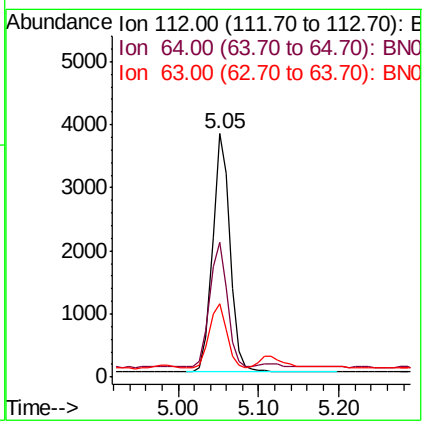


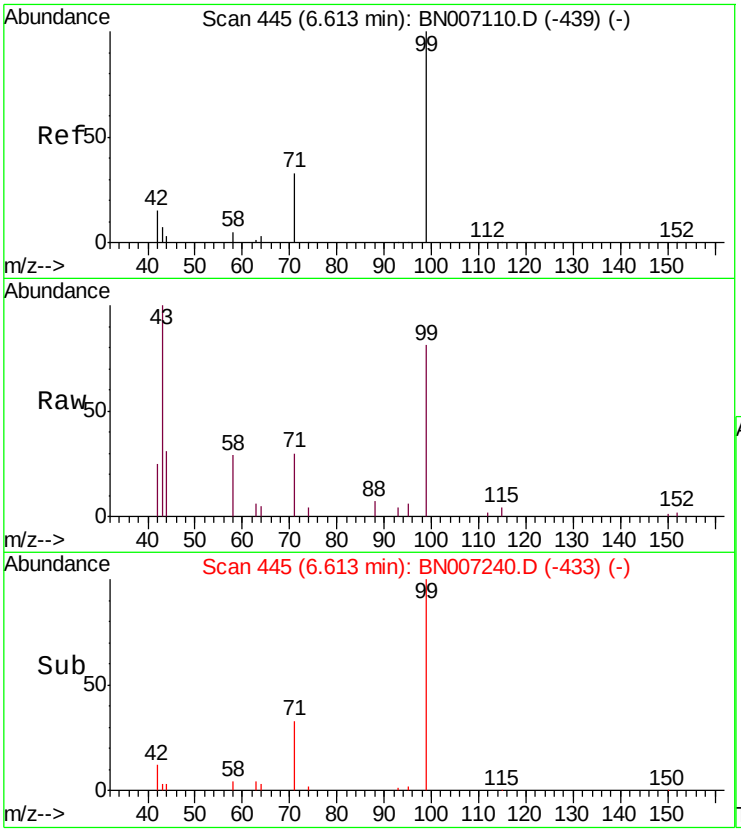


#3
2-Fluorophenol
Concen: 0.329 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:112 Resp: 5645

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.6	63.8
63	26.1	22.2	33.2



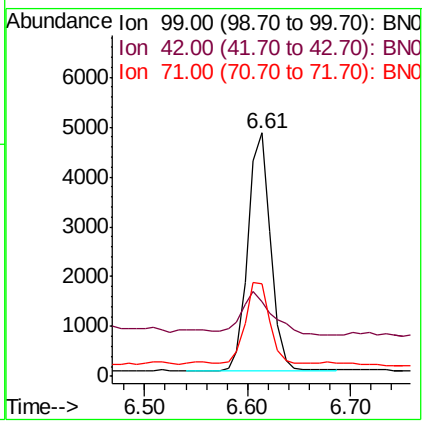


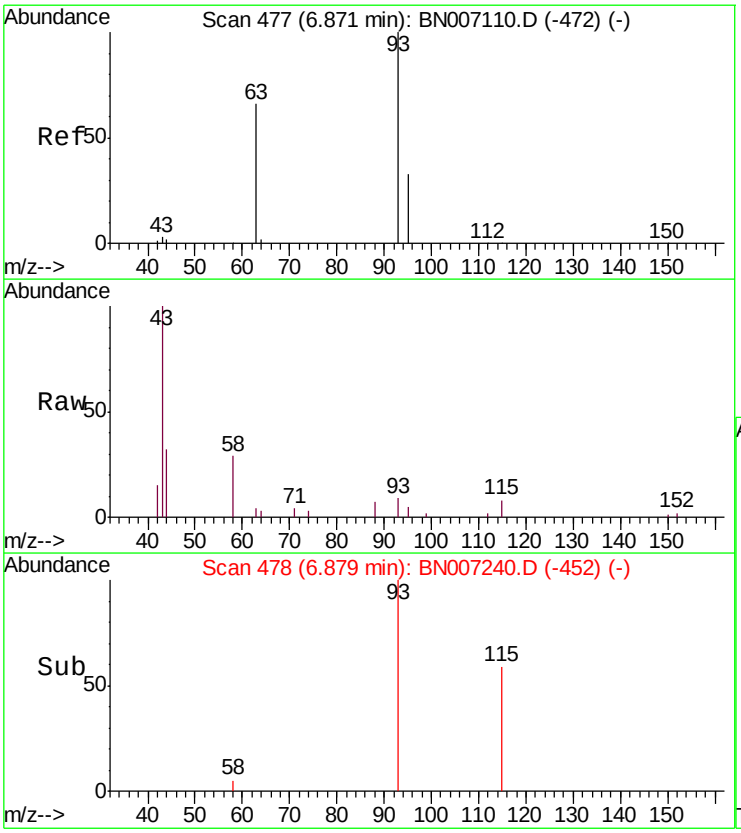
#4
Phenol-d6
Concen: 0.349 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion: 99 Resp: 7423

Ion	Ratio	Lower	Upper
99	100		
42	25.2	15.8	23.6#
71	37.5	27.0	40.4

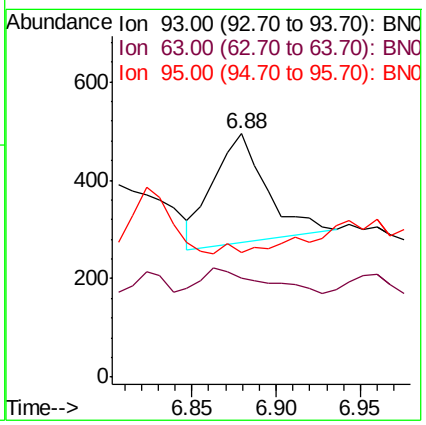


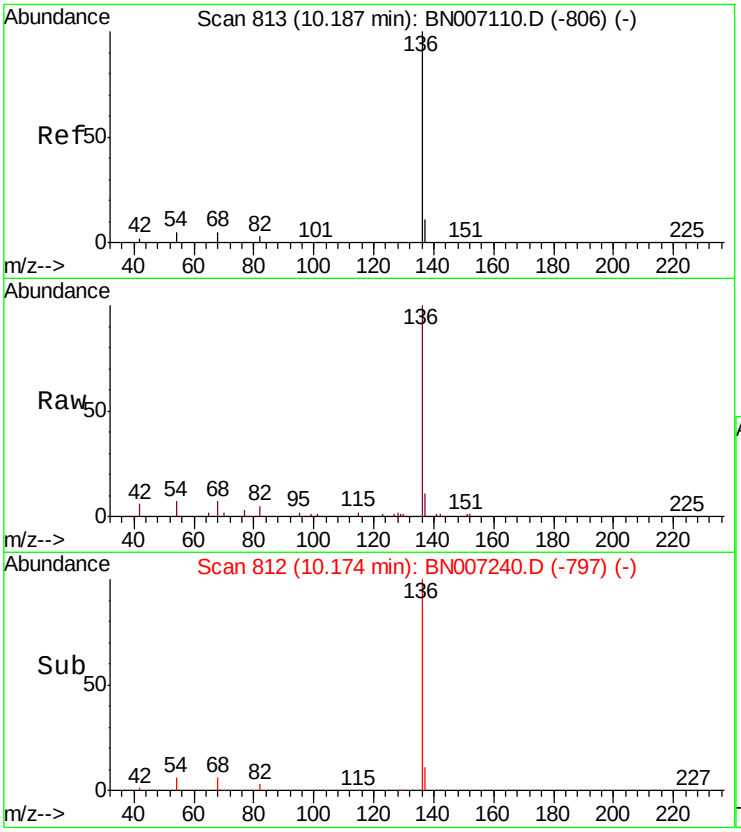


#5
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 6.88 min Scan# 478
Delta R.T. 0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion: 93 Resp: 491

Ion	Ratio	Lower	Upper
93	100		
63	44.8	55.6	83.4#
95	0.0	26.7	40.1#



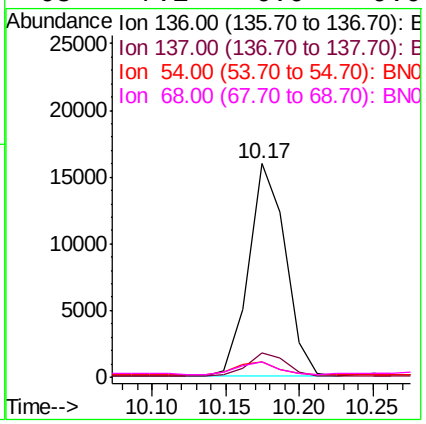


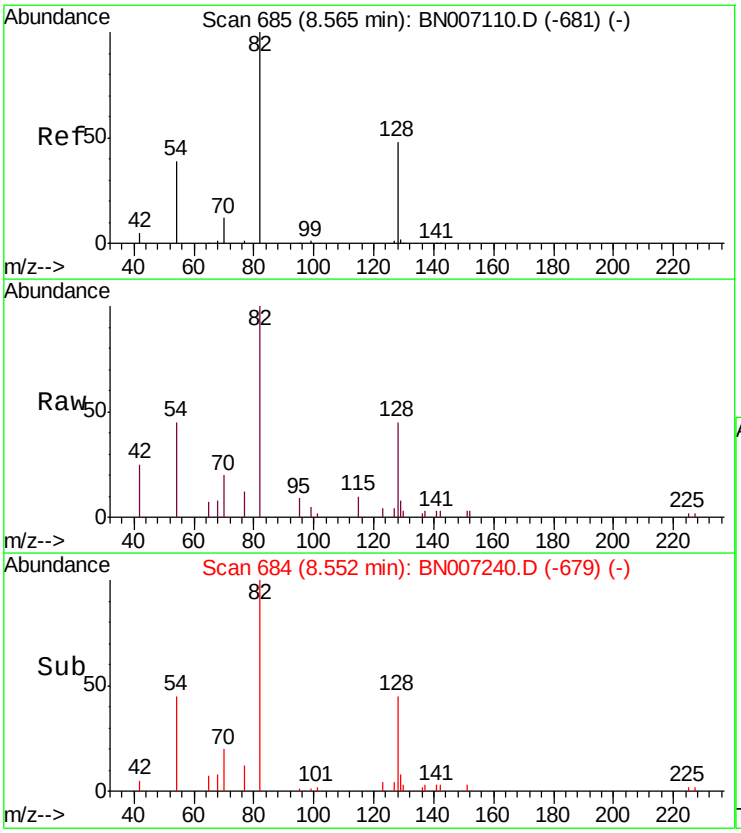
#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:136 Resp: 27540

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	7.3	6.6	9.8
68	7.1	6.0	9.0

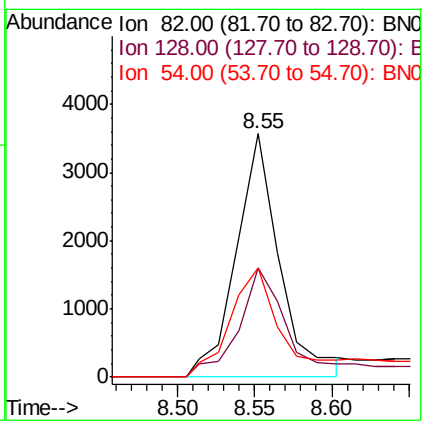


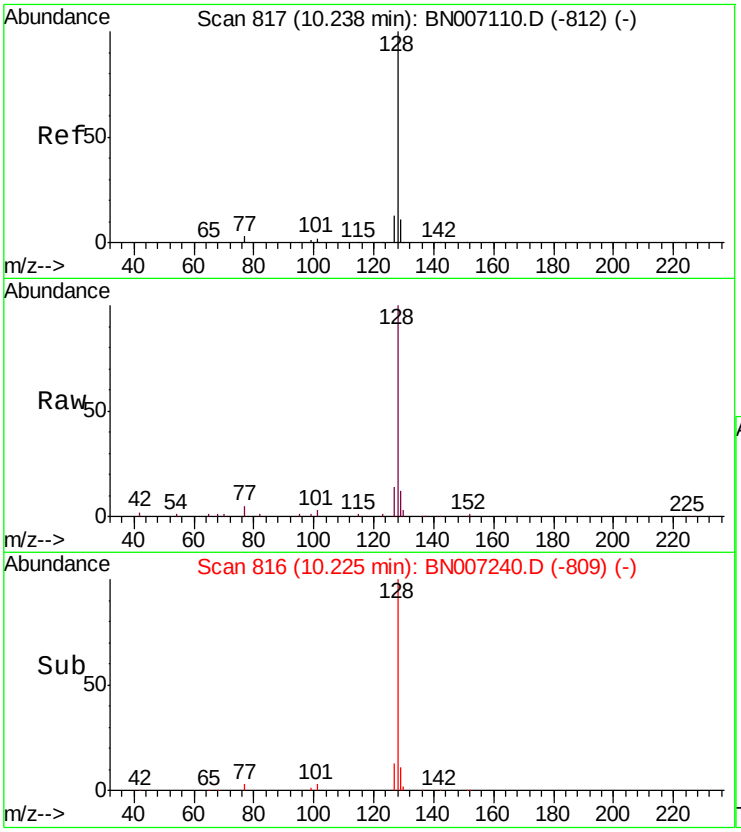


#7
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion: 82 Resp: 6731

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	45.1	36.2	54.4



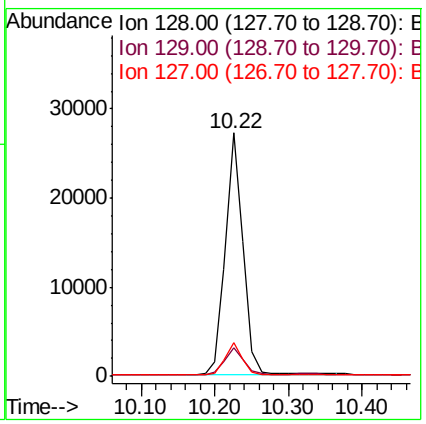


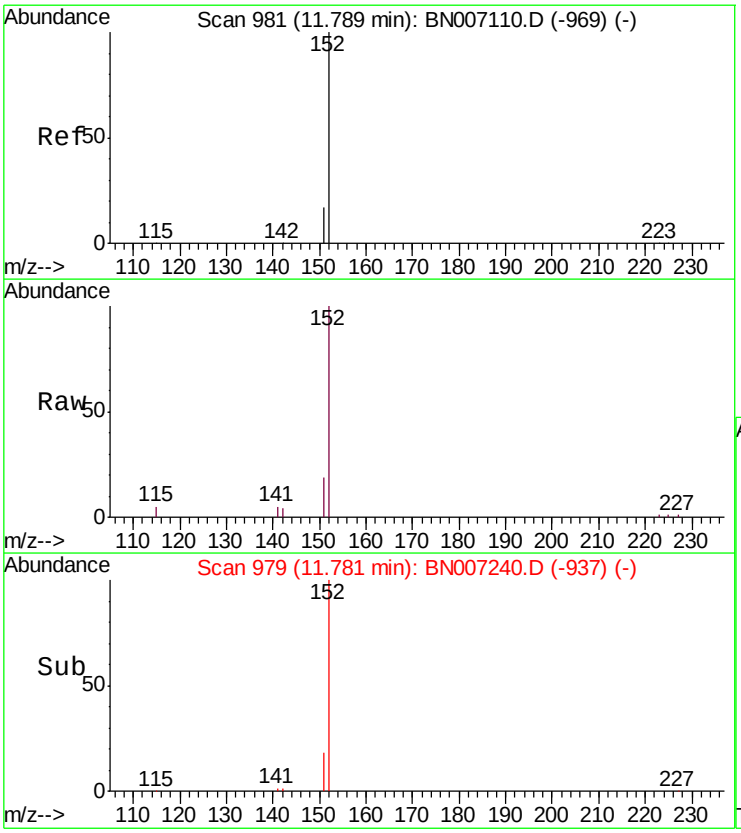
#8
Naphthalene
Concen: 0.578 ng
RT: 10.22 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:128 Resp: 44618

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.6	11.0	16.6

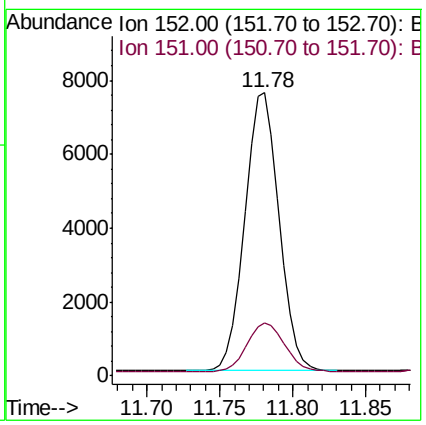


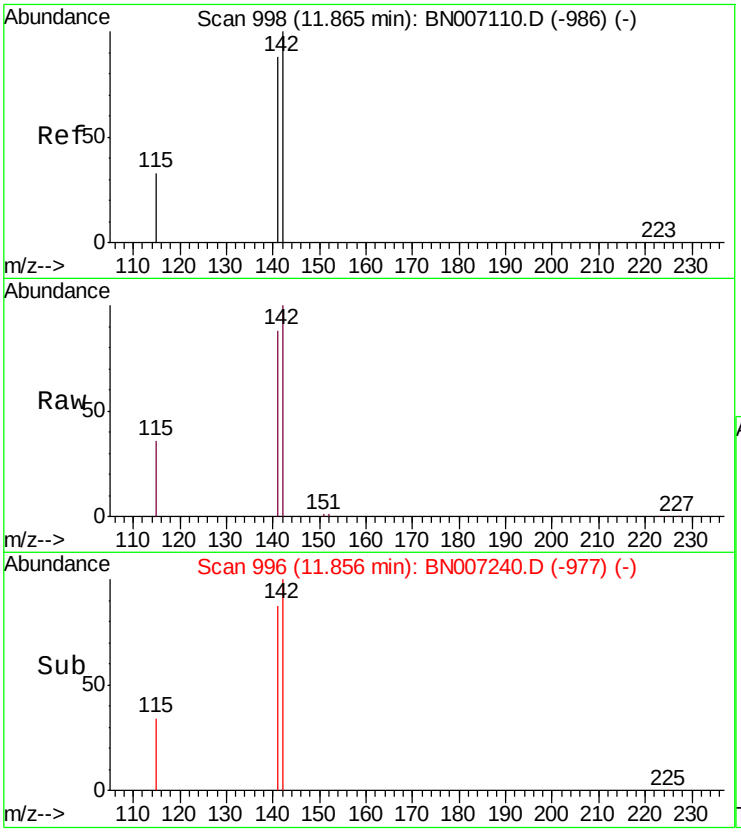


#10
2-Methylnaphthalene-d10
Concen: 0.240 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:152 Resp: 12348

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3



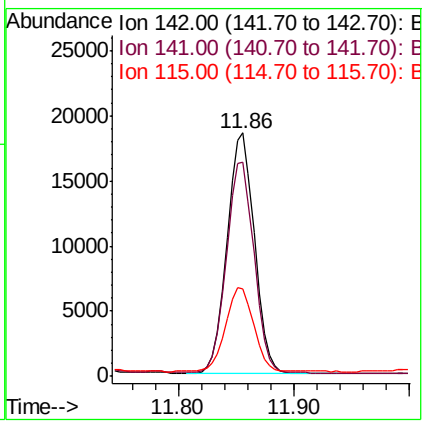


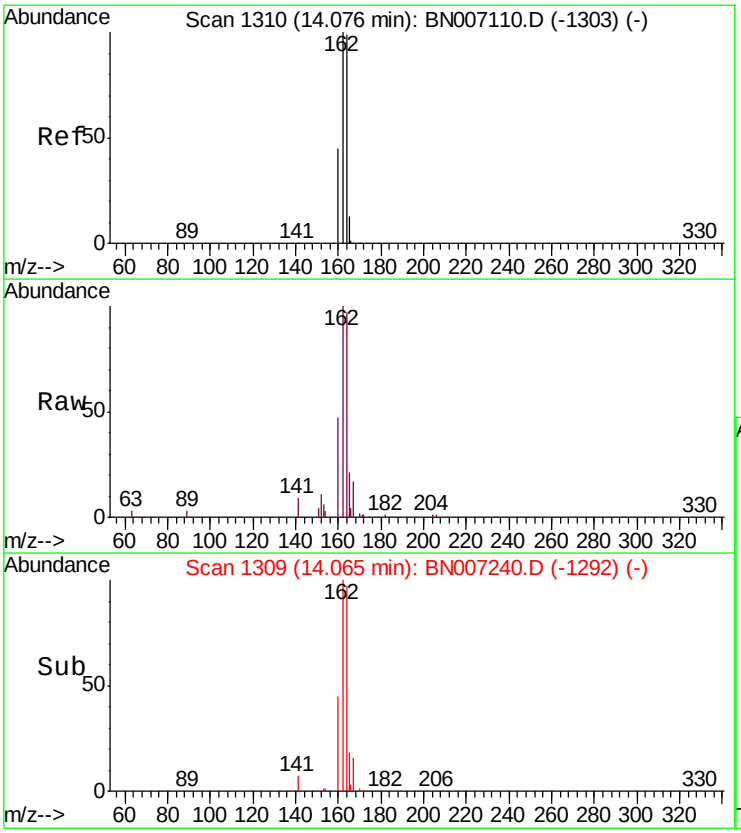
#11
2-Methylnaphthalene
Concen: 0.544 ng
RT: 11.86 min Scan# 996
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:142 Resp: 29760

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.0	103.6
115	35.9	27.1	40.7

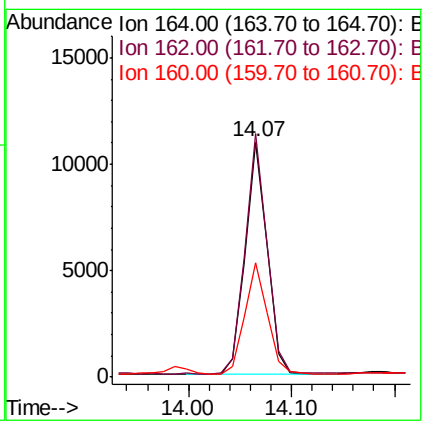


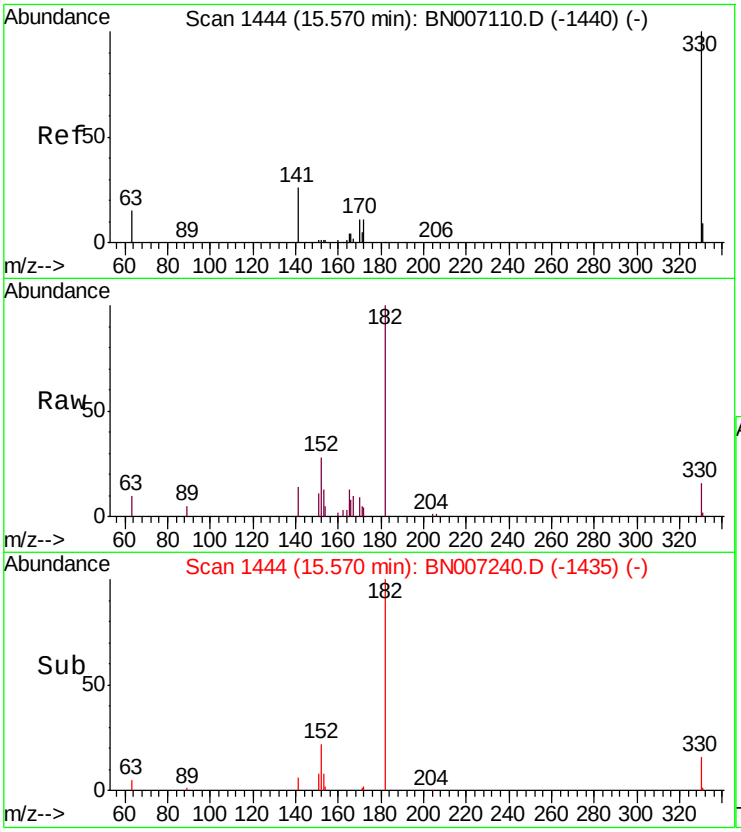


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:164 Resp: 16224

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	48.6	38.3	57.5



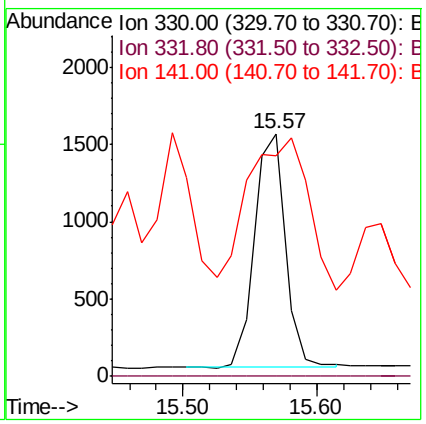


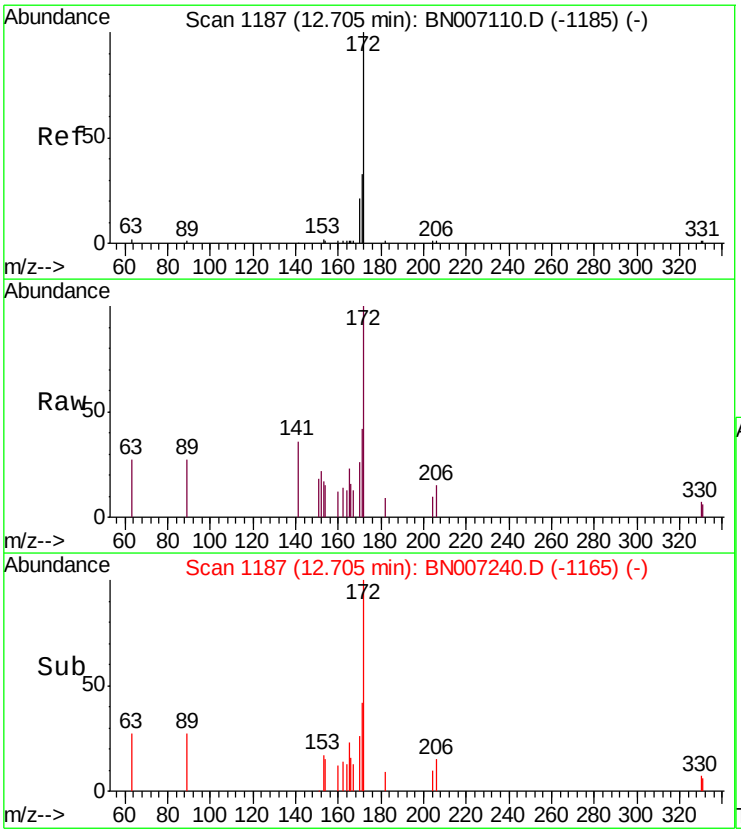
#13
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:330 Resp: 2445

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	126.1	33.6	50.4#

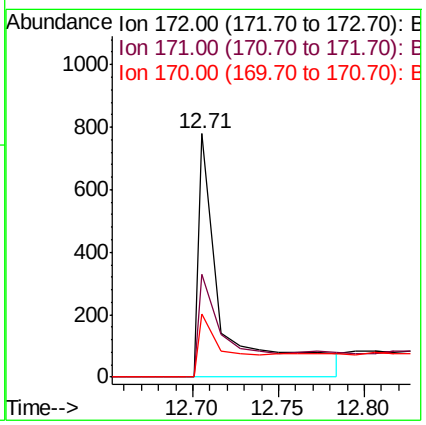


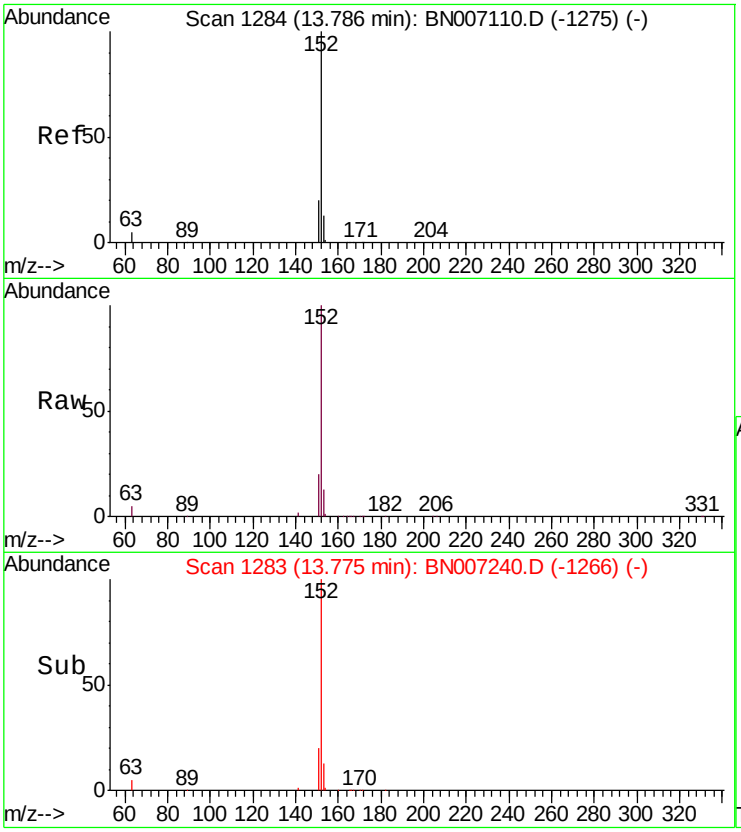


#14
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:172 Resp: 824

Ion	Ratio	Lower	Upper
172	100		
171	42.4	26.3	39.5#
170	25.8	17.0	25.4#



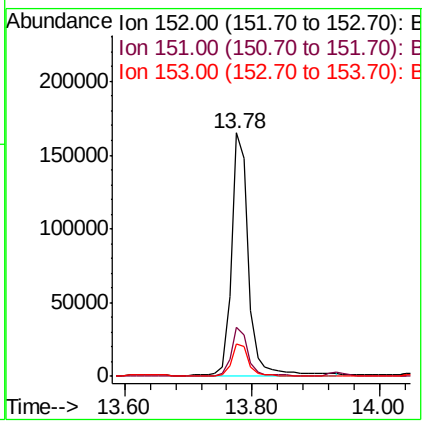


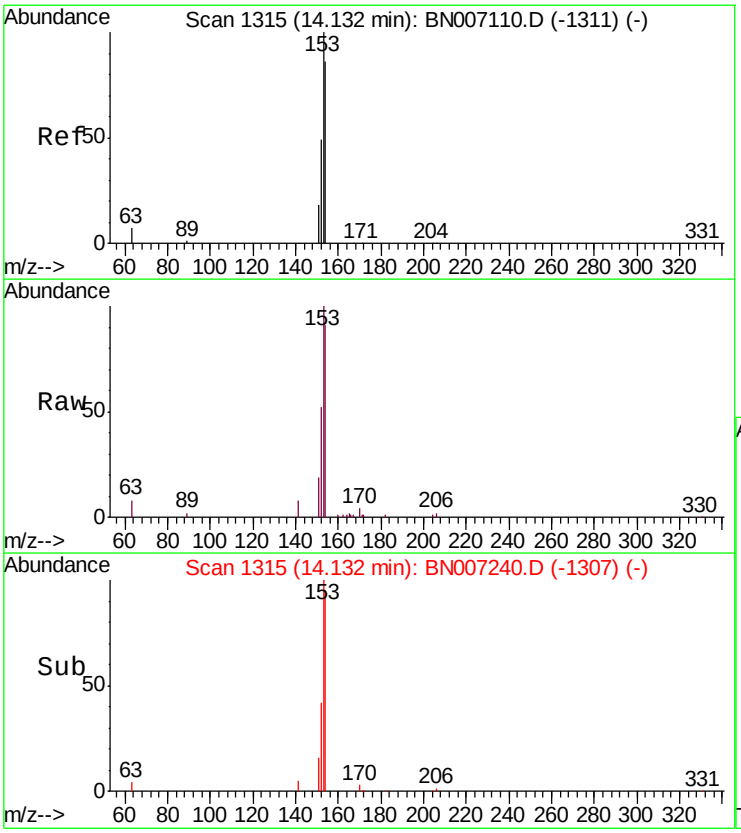
#15
Acenaphthylene
Concen: 3.572 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:152 Resp: 302903

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.3	10.4	15.6

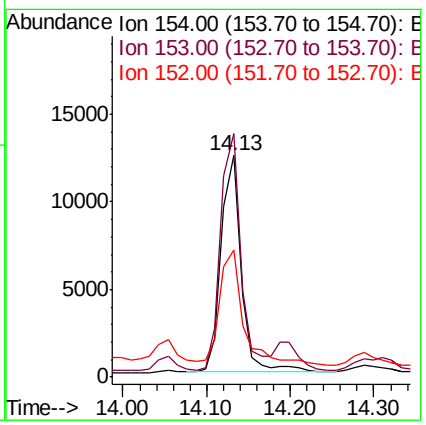


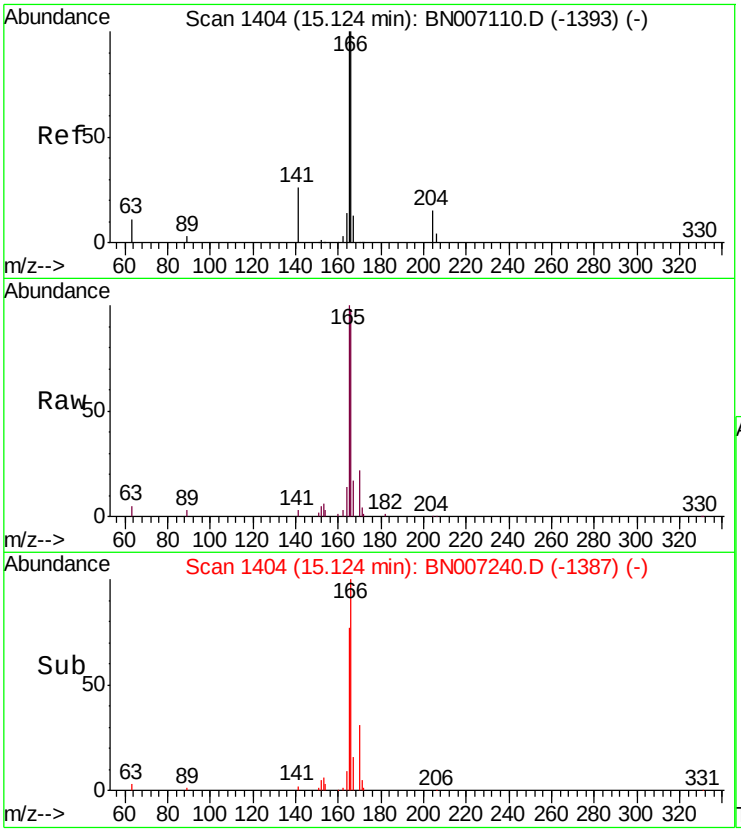


#16
Acenaphthene
Concen: 0.376 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:154 Resp: 20426

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.5	134.3
152	63.1	44.8	67.2



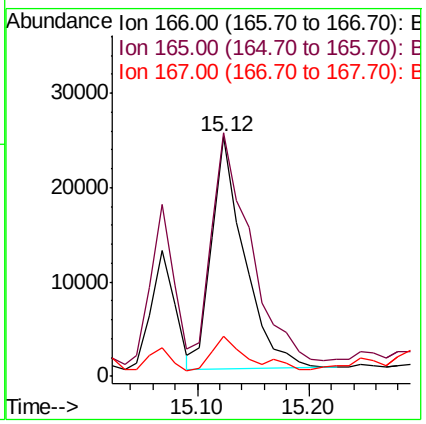


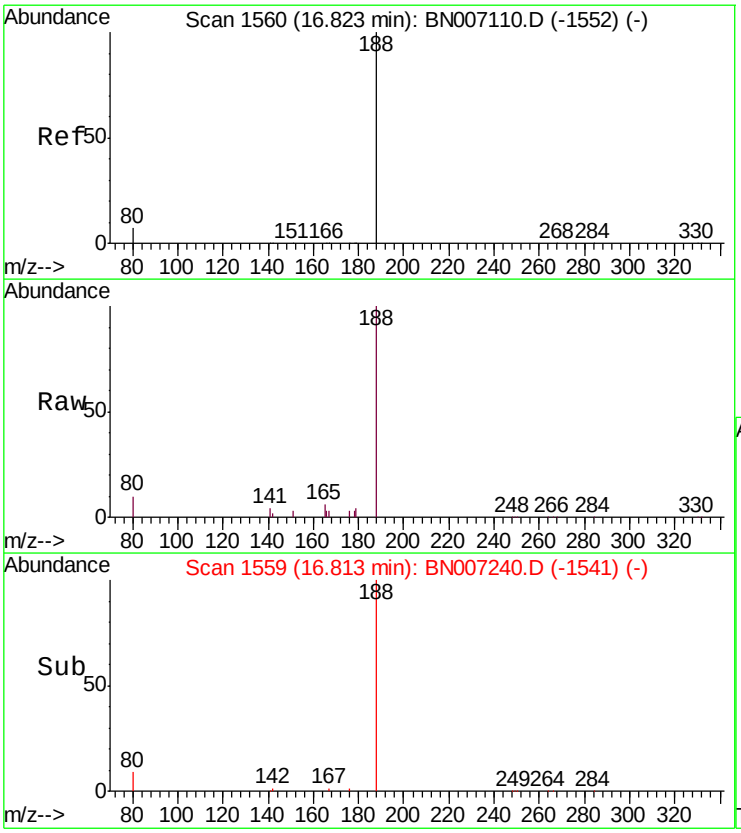
#17
Fluorene
Concen: 0.619 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:166 Resp: 50274

Ion	Ratio	Lower	Upper
166	100		
165	115.4	77.9	116.9
167	16.6	10.9	16.3#

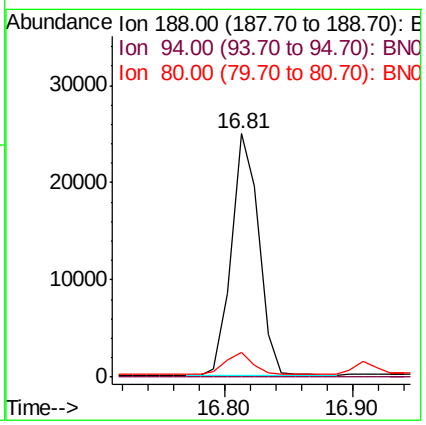


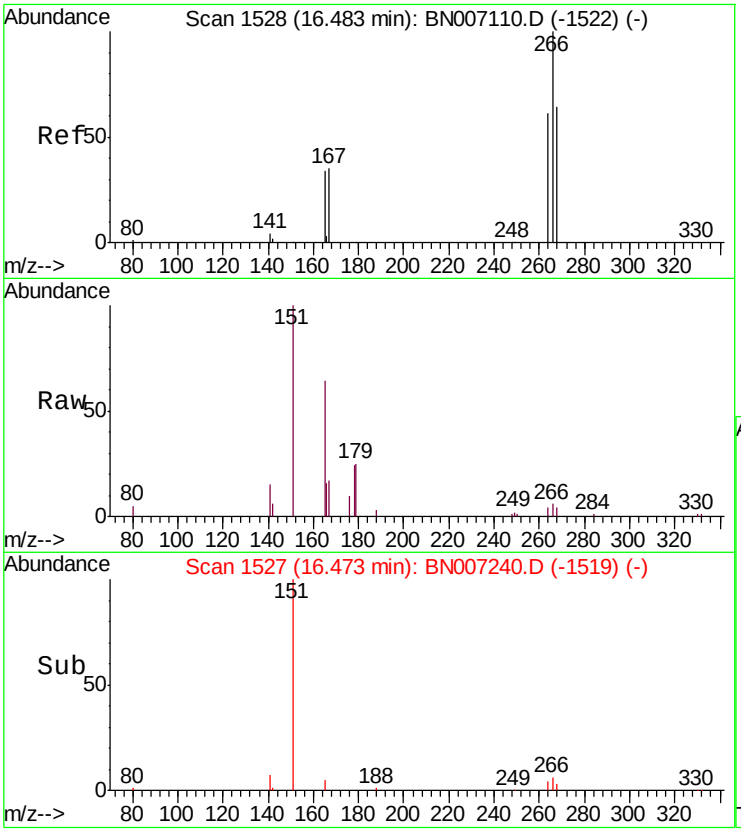


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:188 Resp: 37036

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.8	11.6



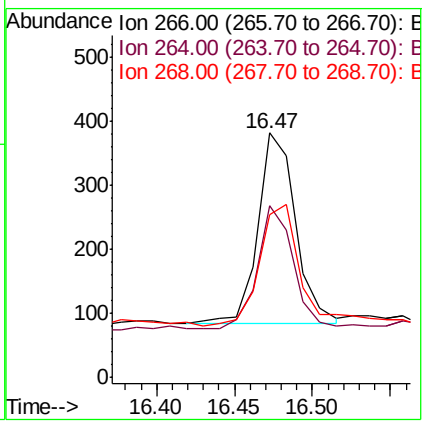


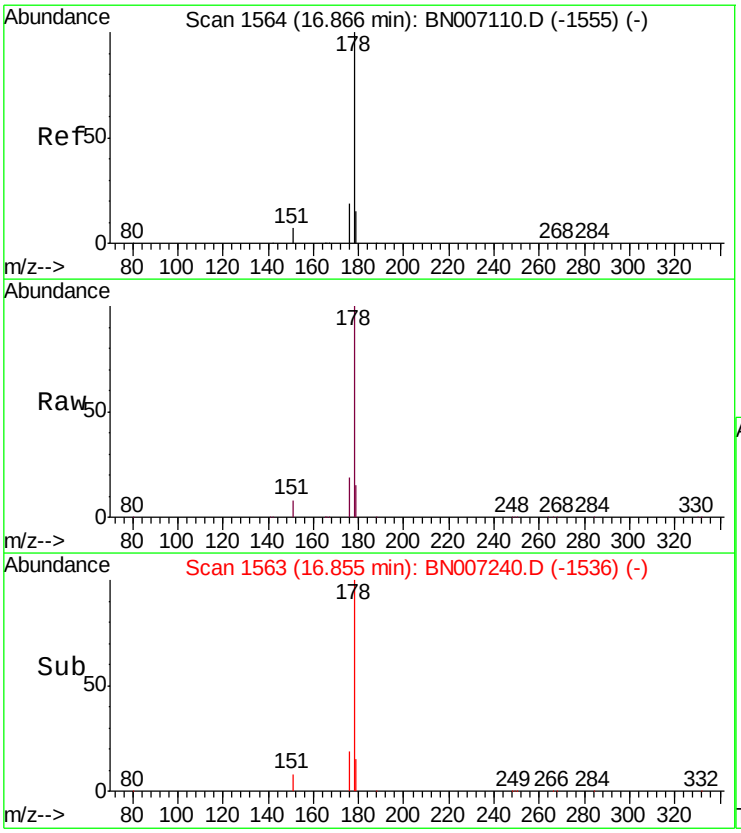
#21
Pentachlorophenol
Concen: 0.060 ng
RT: 16.47 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:266 Resp: 494

Ion	Ratio	Lower	Upper
266	100		
264	70.1	52.3	78.5
268	66.7	51.5	77.3

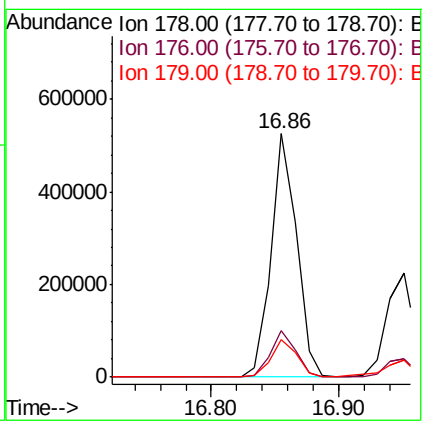


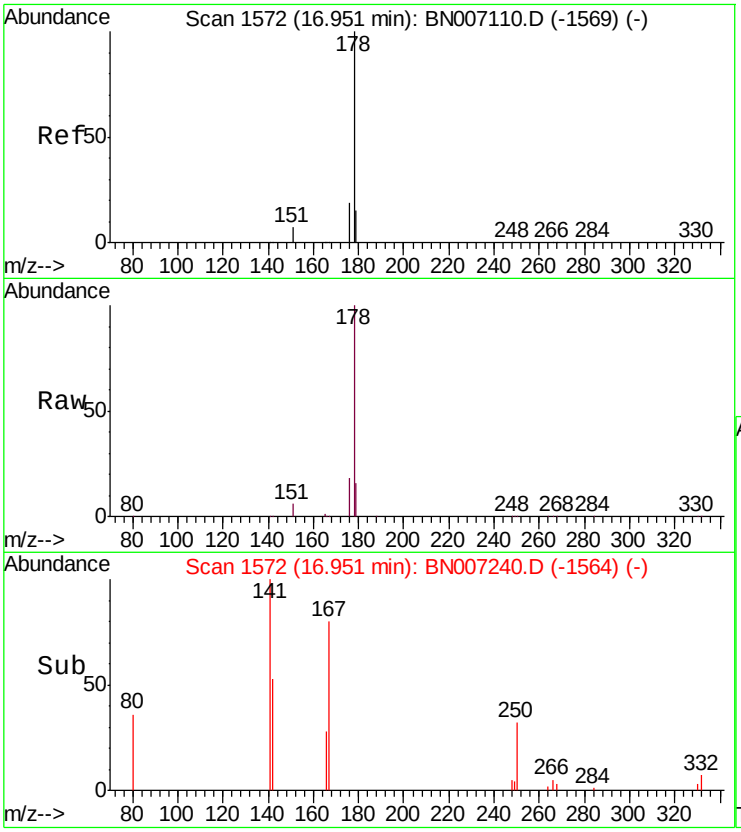


#22
Phenanthrene
Concen: 6.549 ng
RT: 16.86 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:178 Resp: 726875

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.3	18.5



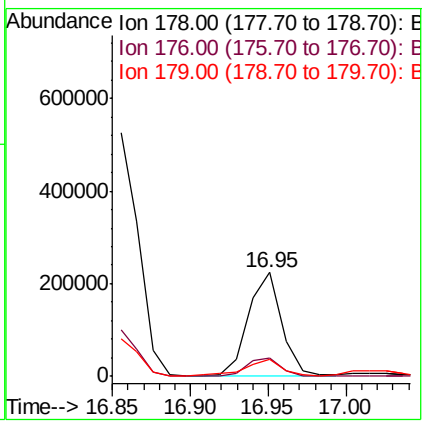


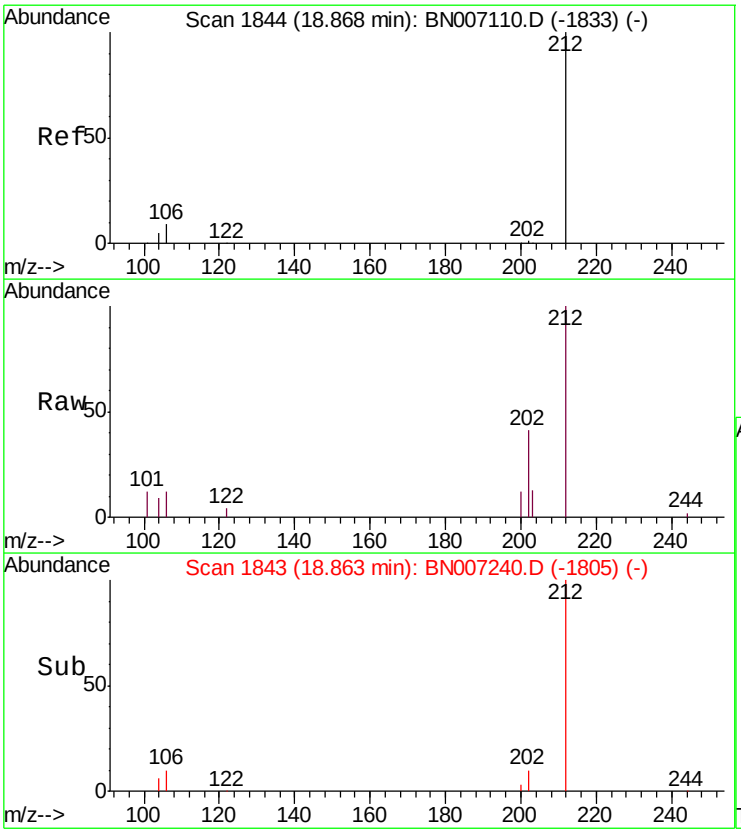
#23
Anthracene
Concen: 3.253 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:178 Resp: 329884

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	16.5	12.5	18.7

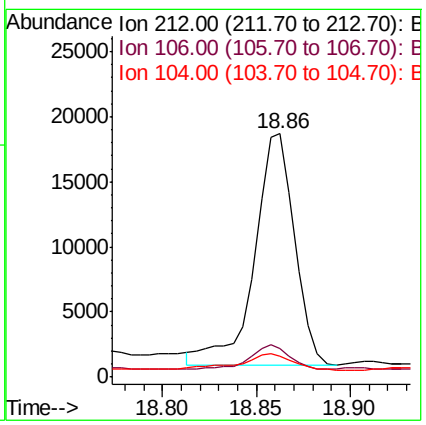


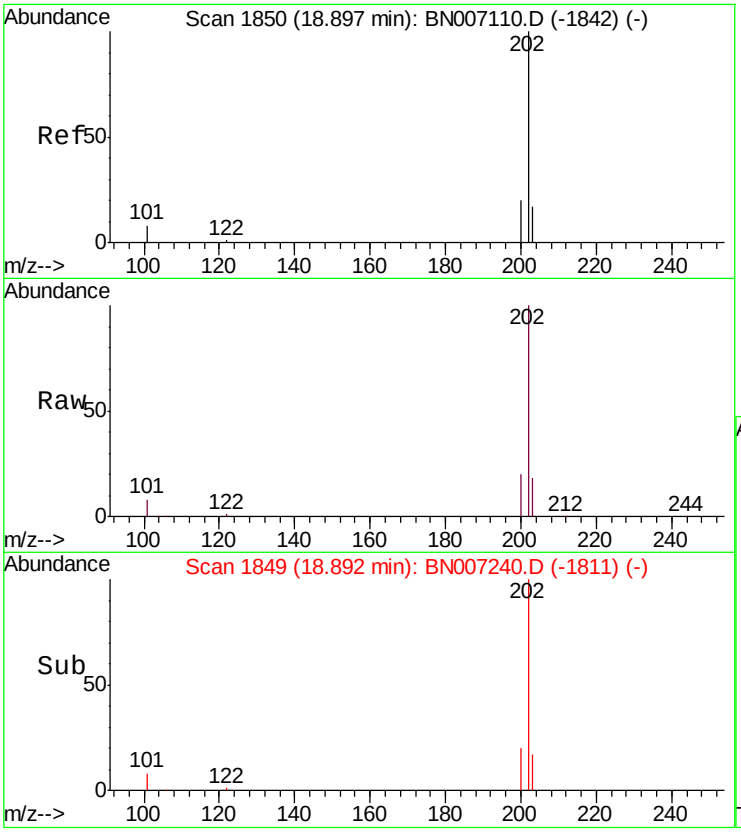


#24
Fluoranthene-d10
Concen: 0.201 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:212 Resp: 26400

Ion	Ratio	Lower	Upper
212	100		
106	10.8	8.2	12.2
104	9.1	4.5	6.7#



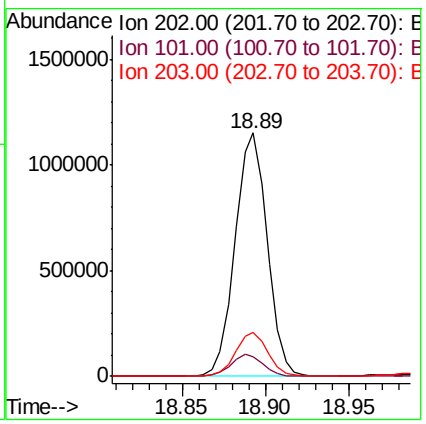


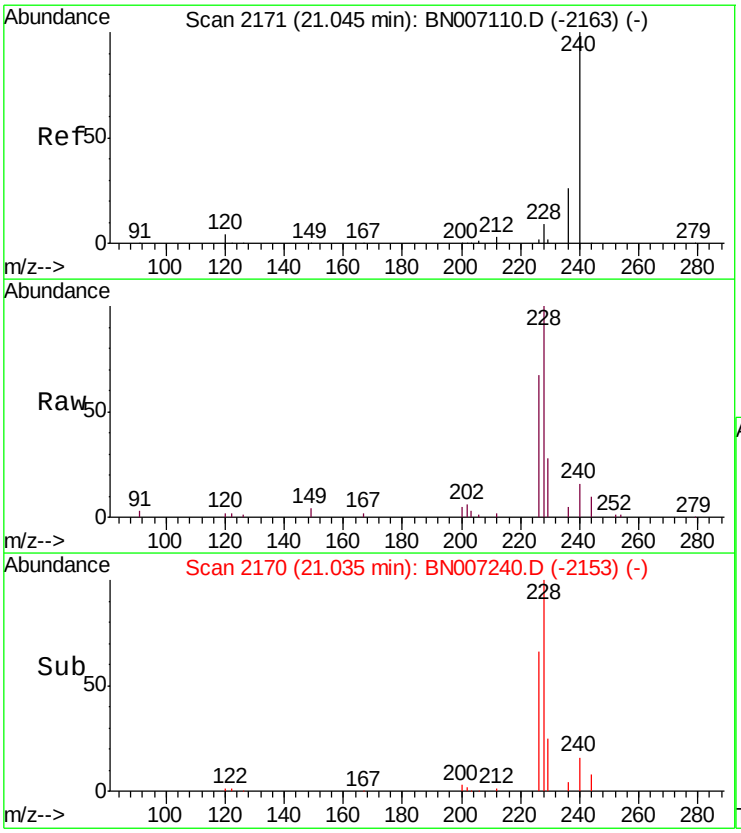
#25
Fluoranthene
Concen: 10.850 ng
RT: 18.89 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:202 Resp: 1540503

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
203	17.7	13.8	20.8

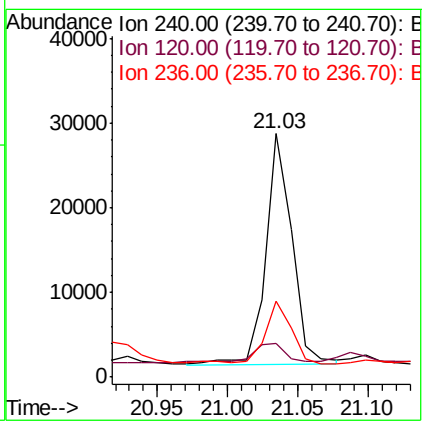


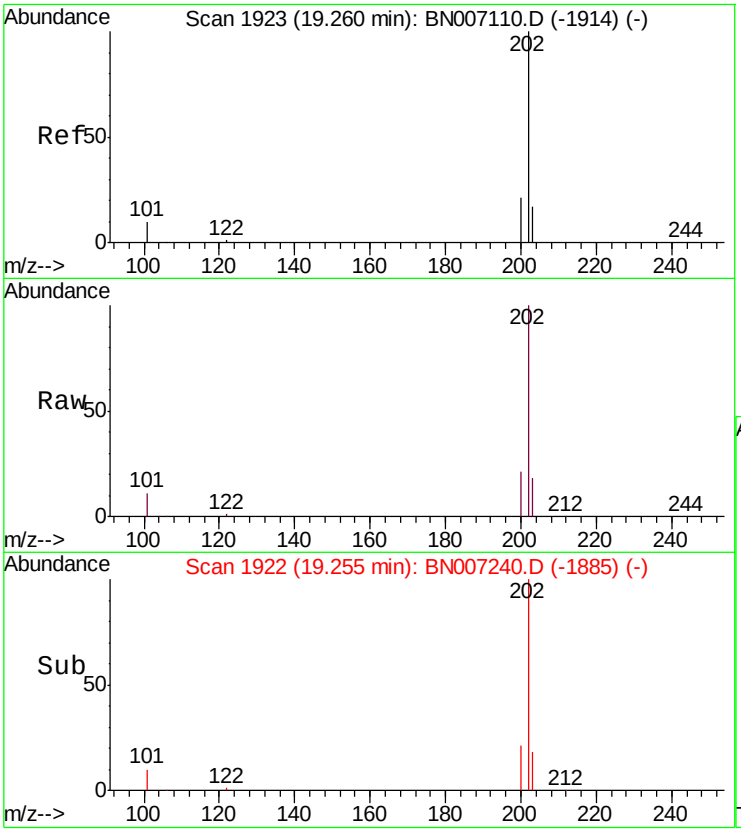


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:240 Resp: 35899

Ion	Ratio	Lower	Upper
240	100		
120	13.8	4.0	6.0#
236	31.3	21.3	31.9



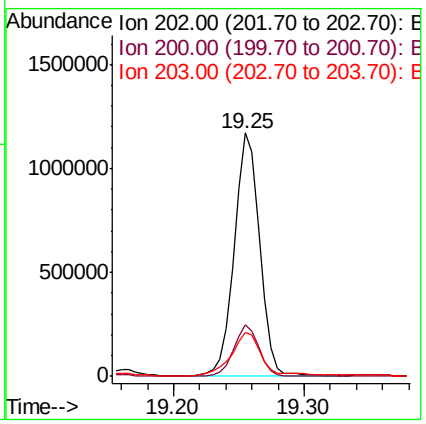


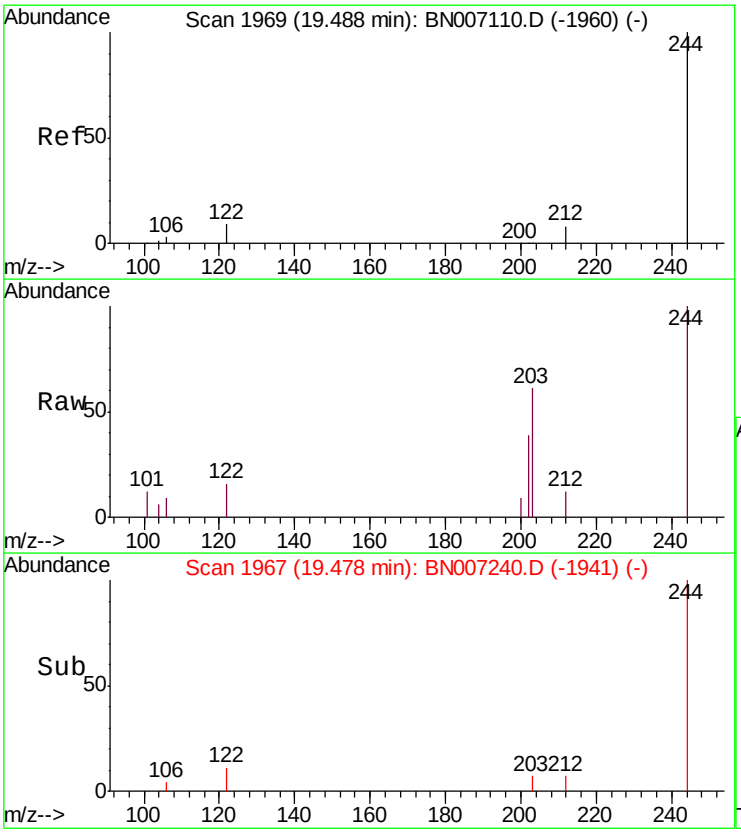
#27
Pyrene
Concen: 12.616 ng
RT: 19.25 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:202 Resp: 1588322

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	20.3	14.0	21.0

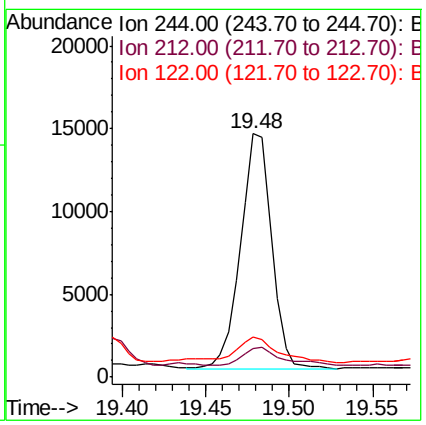


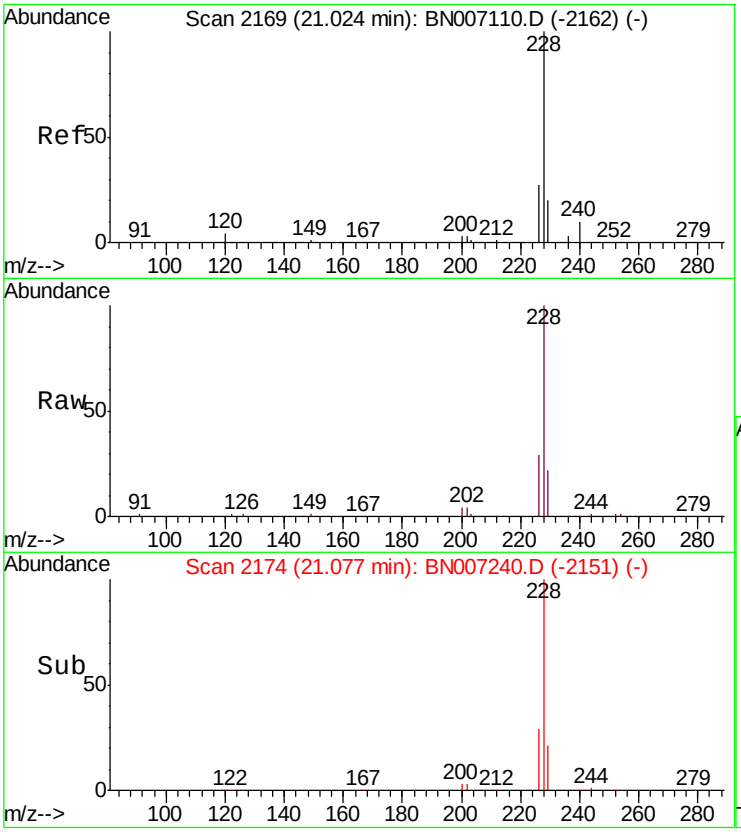


#28
Terphenyl-d14
Concen: 0.190 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:244 Resp: 18560

Ion	Ratio	Lower	Upper
244	100		
212	12.0	6.2	9.2#
122	16.3	7.4	11.2#



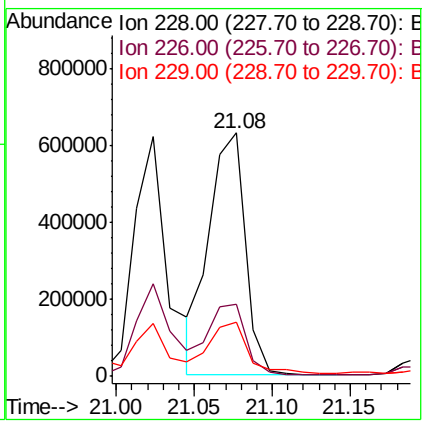


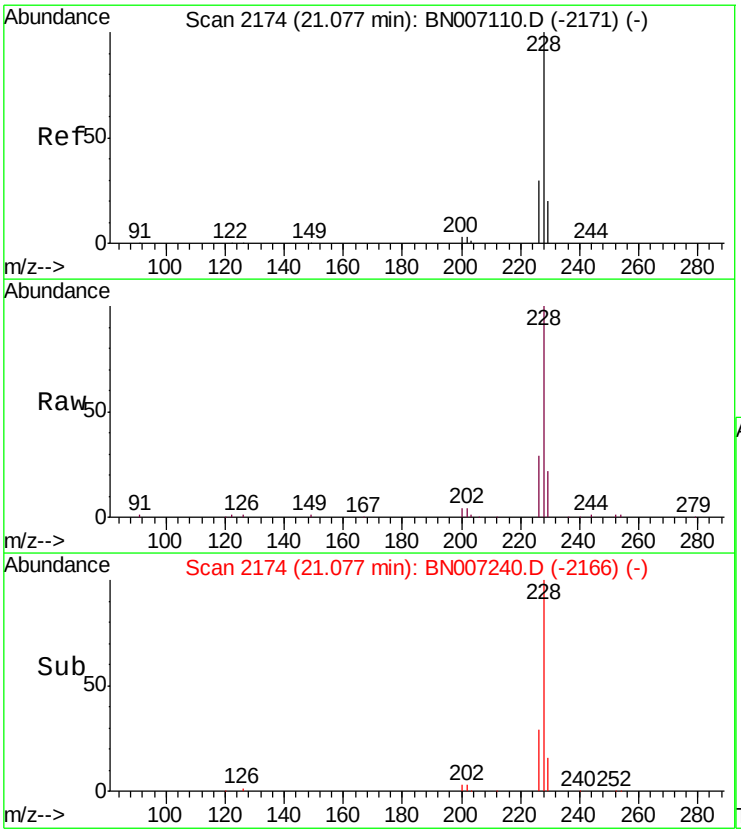
#29
Benzo(a)anthracene
Concen: 7.752 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:228 Resp: 1017726

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.8	32.6
229	22.4	15.6	23.4

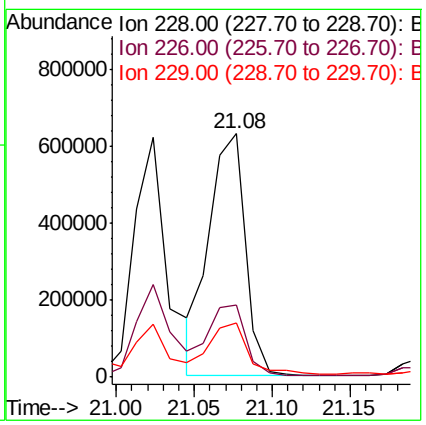


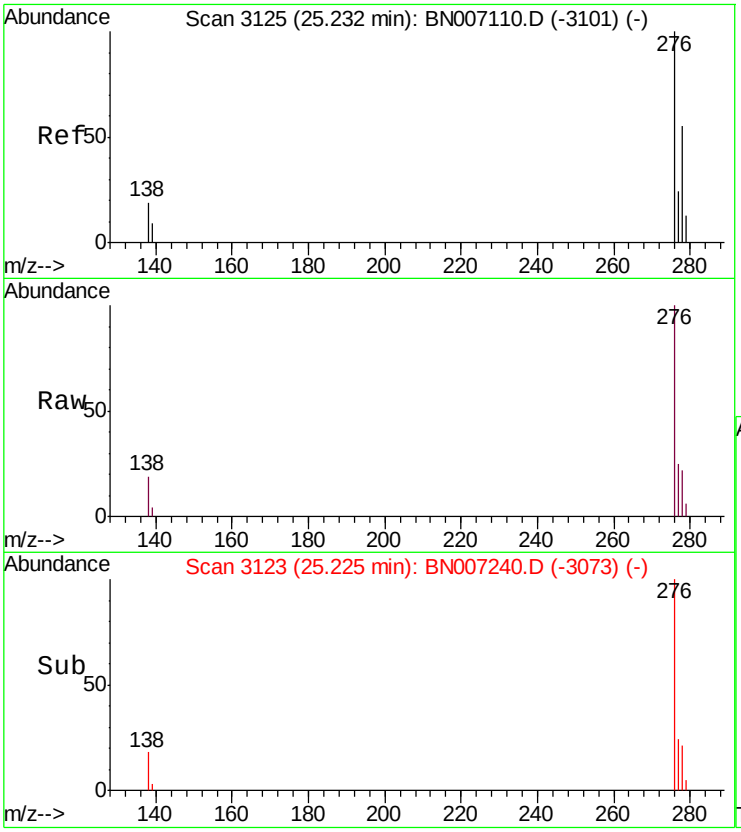


#30
Chrysene
Concen: 7.961 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:228 Resp: 1015486

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	22.4	15.7	23.5



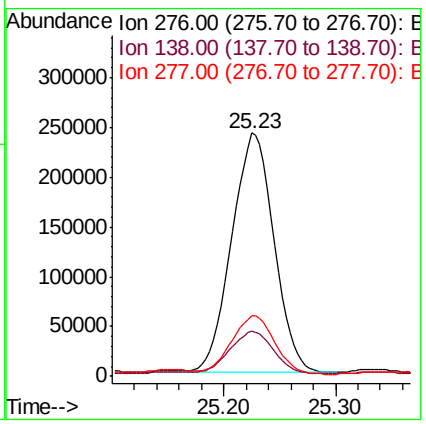


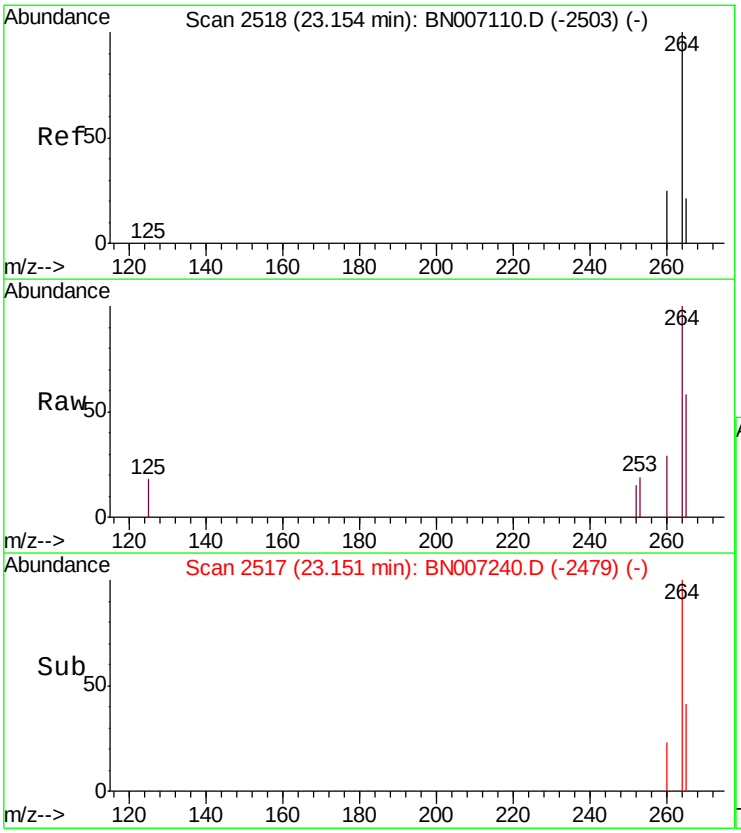
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.489 ng
RT: 25.23 min Scan# 3123
Delta R.T. -0.03 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:276 Resp: 631145

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.0	24.0
277	24.9	19.9	29.9

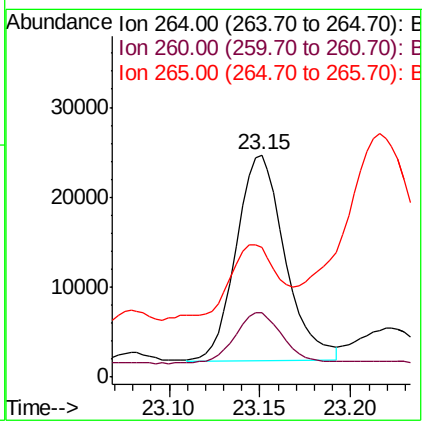


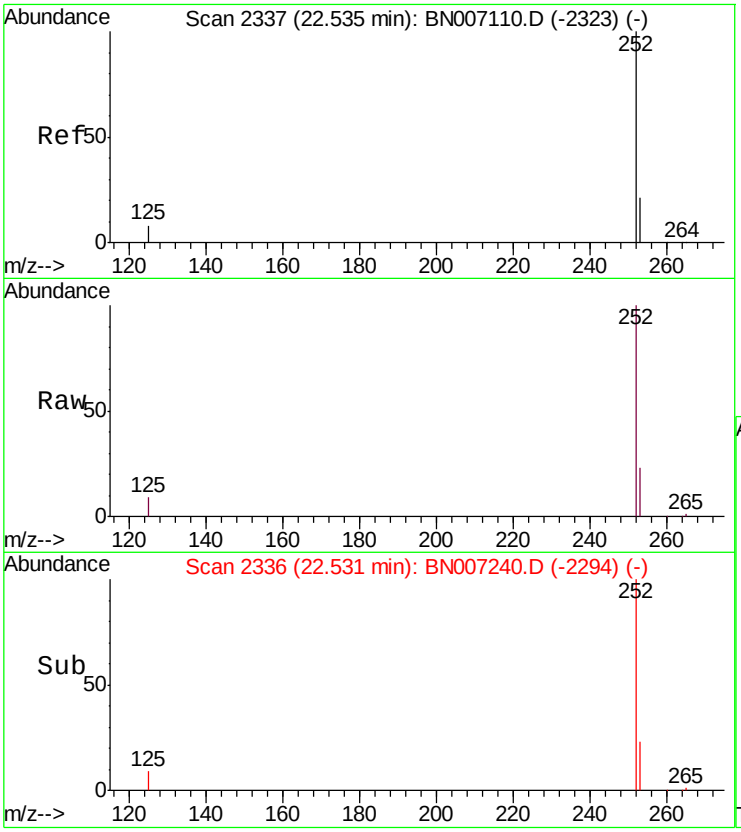


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:264 Resp: 42457

Ion	Ratio	Lower	Upper
264	100		
260	28.9	19.8	29.8
265	58.4	26.2	39.4#



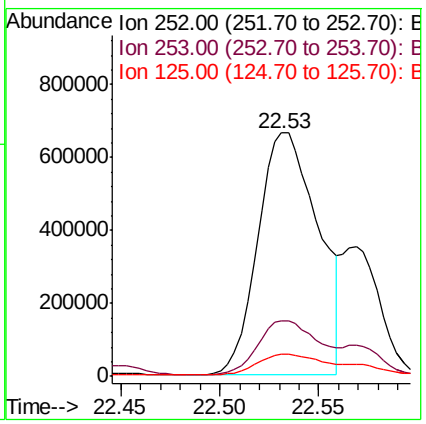


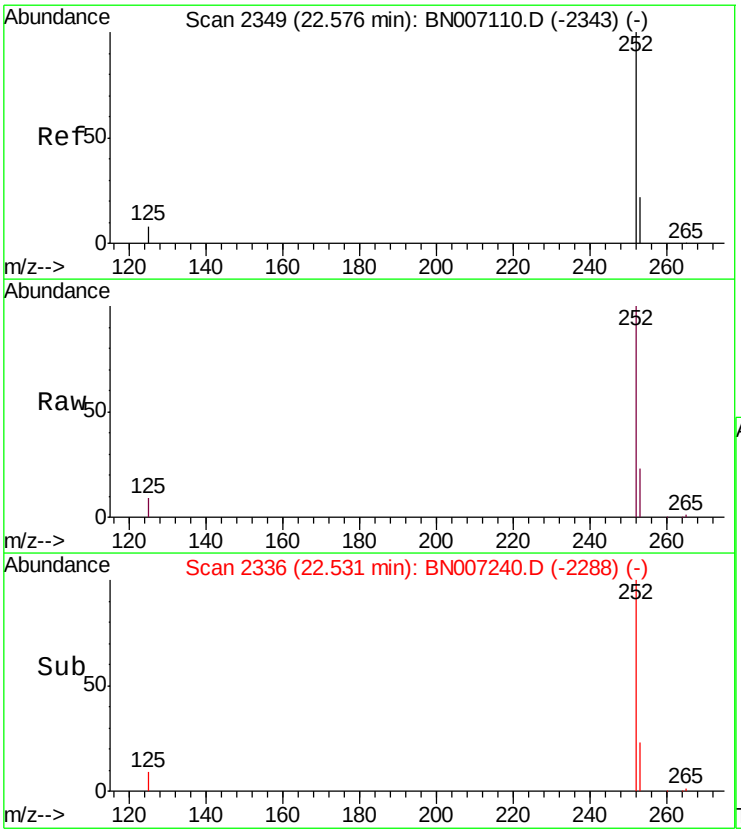
#33
Benzo(b)fluoranthene
Concen: 9.654 ng
RT: 22.53 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:252 Resp: 1405527

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.1	7.4	11.0

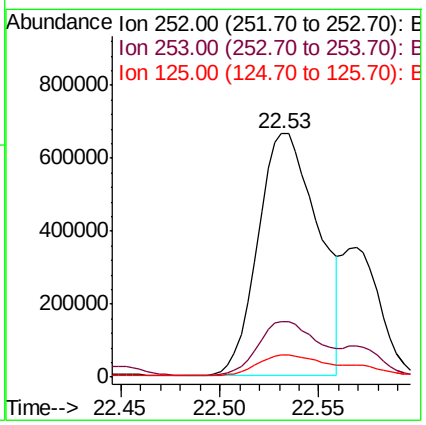


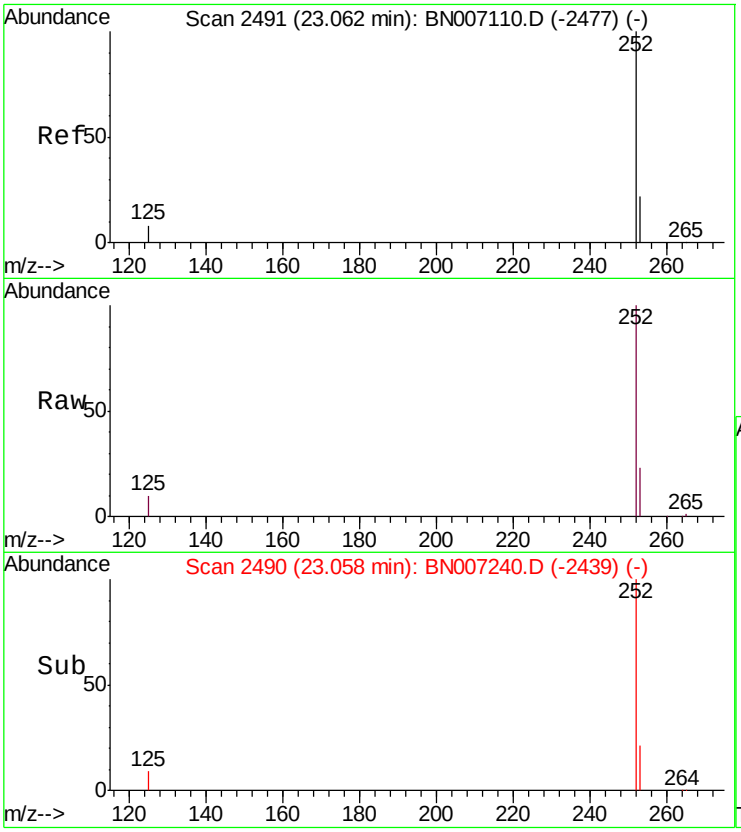


#34
Benzo(k)fluoranthene
Concen: 9.775 ng
RT: 22.53 min Scan# 2336
Delta R.T. -0.06 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:252 Resp: 1405527

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	9.1	7.4	11.0



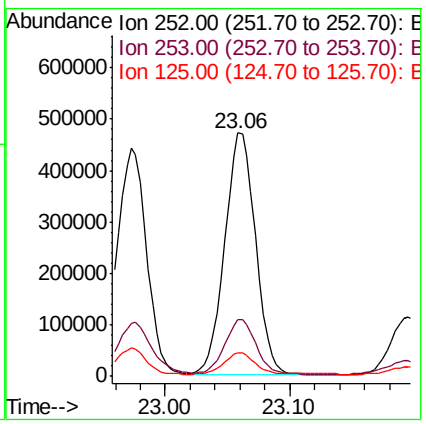


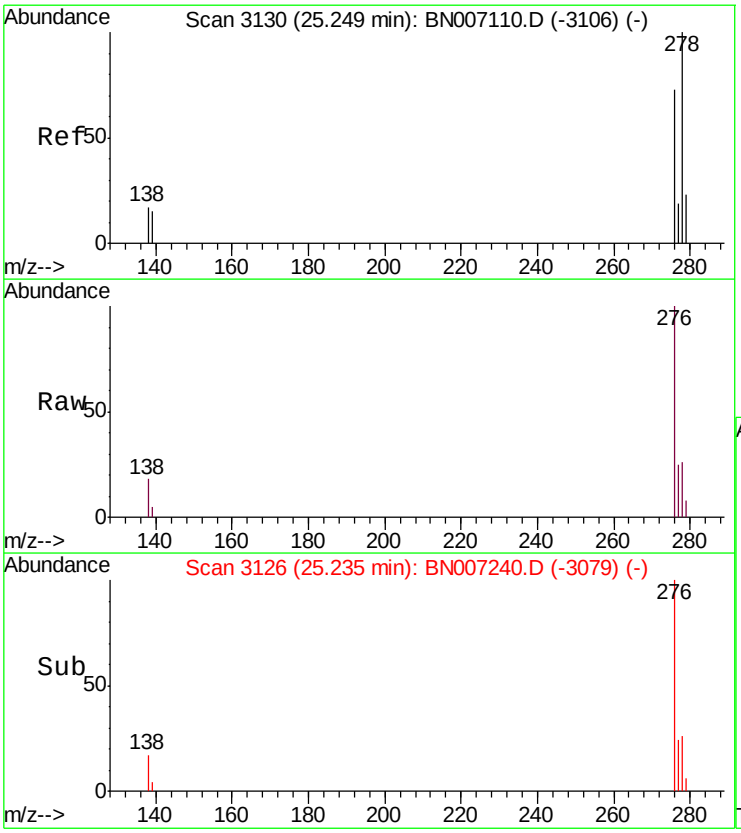
#35
Benzo(a)pyrene
Concen: 6.097 ng
RT: 23.06 min Scan# 2490
Delta R.T. -0.02 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:252 Resp: 804696

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	9.7	8.2	12.4

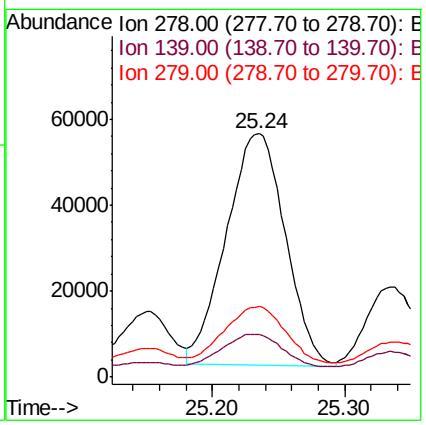


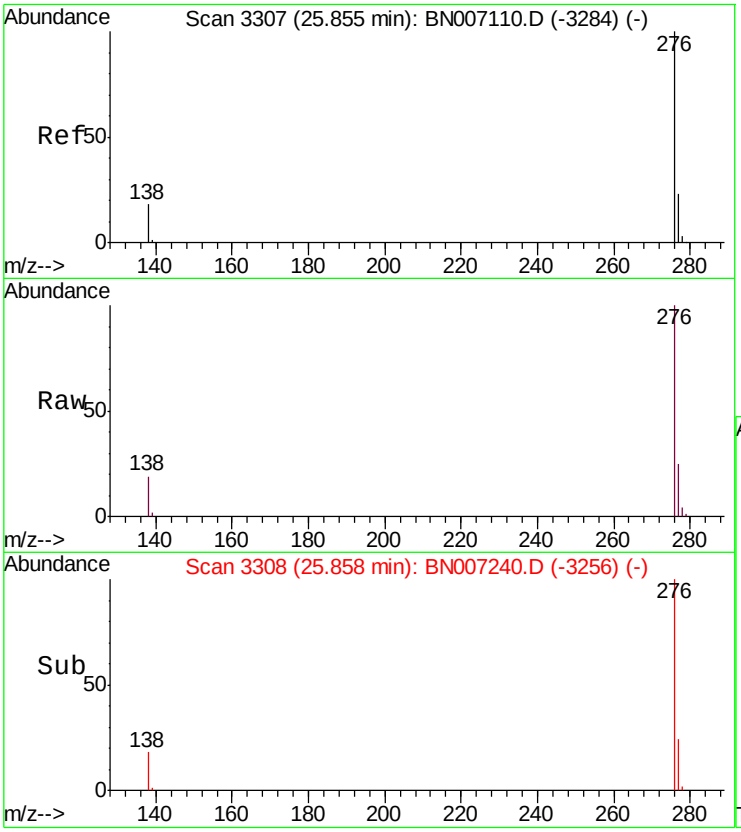


#36
Dibenzo(a,h)anthracene
Concen: 1.276 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.04 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Tgt Ion:278 Resp: 168007

Ion	Ratio	Lower	Upper
278	100		
139	17.8	11.3	16.9#
279	28.9	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 4.618 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007240.D
Acq: 17 Aug 2019 02:40

Instrument :
BNA_N
ClientSampleId :
EXT-010-SW152-080819

Tgt Ion:276 Resp: 625567

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	18.6	14.6	22.0