Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007272.D
Acq On : 20 Aug 2019 19:39
Operator : HP/JU
Sample : K4409-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S300-J-1.5-2.0-081919

Quant Time: Aug 20 20:10:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5471	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	20418	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	11838	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	28223	0.40	ng		0.00
27) Chrysene-d12	21.03	240	29594	0.40	ng		0.00
34) Perylene-d12	23.14	264	32886	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3893	0.23	ng		0.00
5) Phenol-d6	6.60	99	4998	0.26	ng		0.00
8) Nitrobenzene-d5	8.54	82	3699	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	8596	0.24	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1687	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	11300	0.22	ng		0.00
25) Fluoranthene-d10	18.85	212	19392	0.22	ng		0.00
29) Terphenyl-d14	19.47	244	14070	0.19	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	6.86	93	107	0.007	ng	#	32
9) Naphthalene	10.22	128	7475	0.129	ng		96
12) 2-Methylnaphthalene	11.84	142	7474	0.187	ng		98
16) Acenaphthylene	13.77	152	8582	0.137	ng	#	95
17) Acenaphthene	14.11	154	1551	0.039	ng	#	88
18) Fluorene	15.12	166	2918	0.056	ng	#	94
20) 4-Bromophenyl-phenylether	16.01	248	141	0.009	ng	#	1
21) Hexachlorobenzene	16.10	284	18	0.001	ng	#	5
22) Pentachlorophenol	16.46	266	78	0.010	ng	#	64
23) Phenanthrene	16.85	178	66878	0.756	ng		100
24) Anthracene	16.93	178	10208	0.128	ng	#	95
26) Fluoranthene	18.88	202	130856	1.221	ng		100
28) Pyrene	19.25	202	125931	1.138	ng		96
30) Benzo(a)anthracene	21.02	228	68939	0.626	ng	#	90
31) Chrysene	21.06	228	70652	0.629	ng		97
32) Bis(2-ethylhexyl)phthalate	20.98	149	6788	0.154	ng	#	97
33) Indeno(1,2,3-cd)pyrene	25.20	276	46746	0.346	ng		98
35) Benzo(b)fluoranthene	22.52	252	97509	0.795	ng		98
36) Benzo(k)fluoranthene	22.52	252	97509	0.812	ng		98
37) Benzo(a)pyrene	23.04	252	62809	0.568	ng		98
38) Dibenzo(a,h)anthracene	25.21	278	12306	0.106	ng	#	77
39) Benzo(g,h,i)perylene	25.83	276	46374	0.395	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
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Acq On : 20 Aug 2019 19:39
Operator : HP/JU
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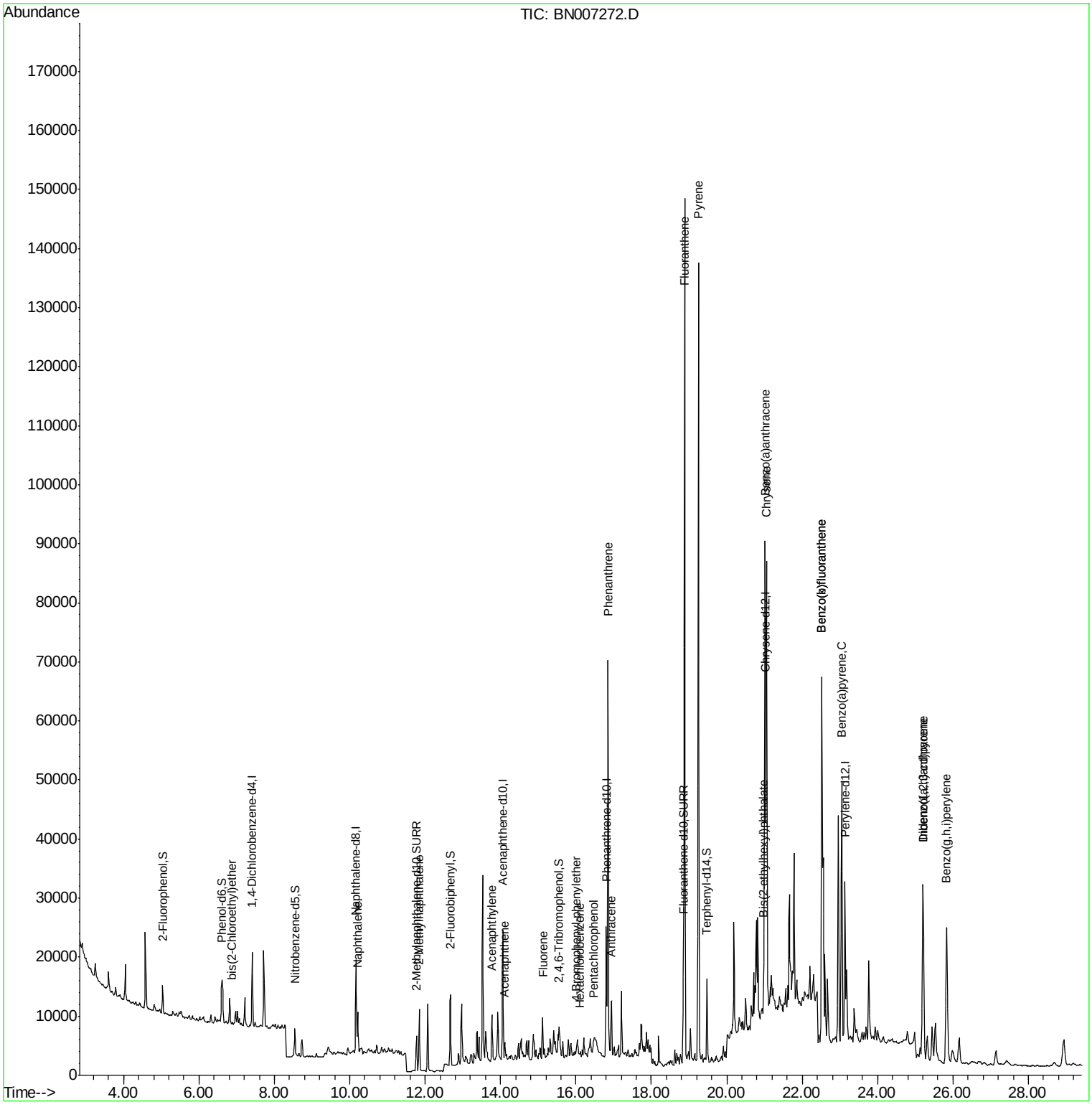
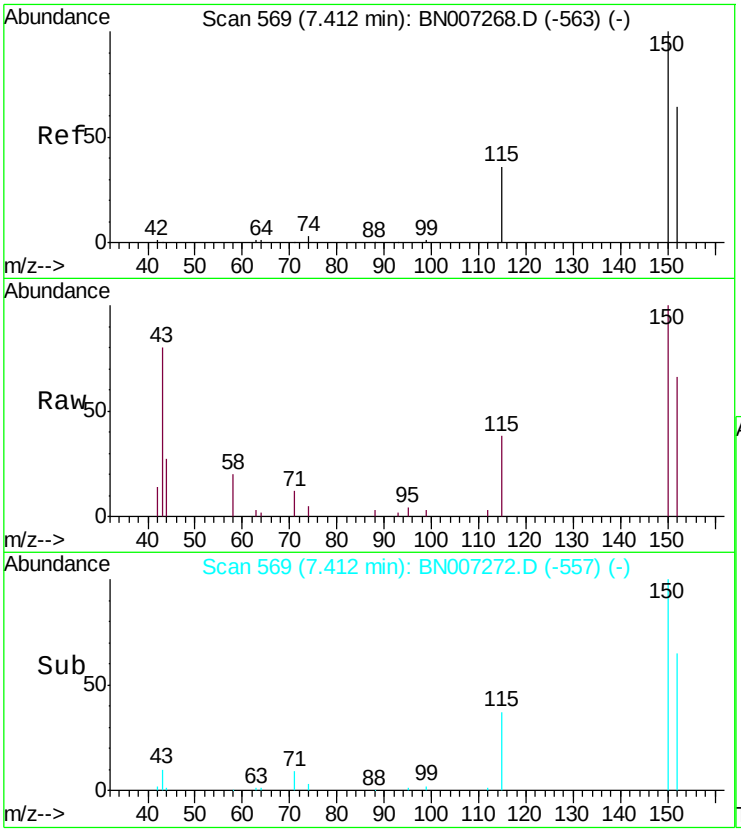
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Quant Time: Aug 20 20:10:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration



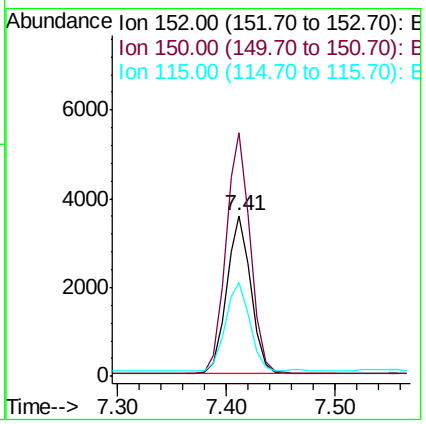


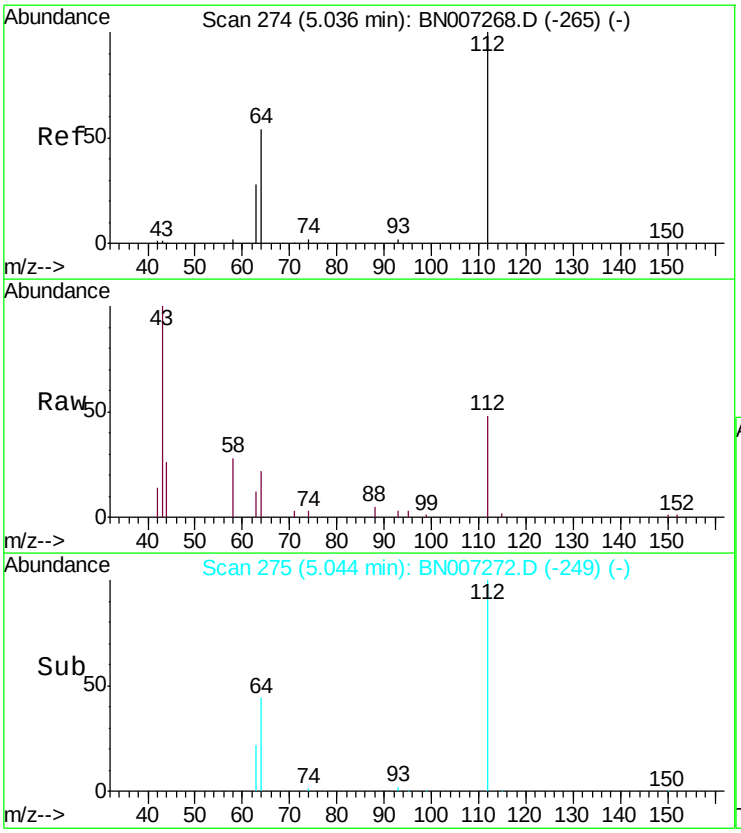
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:152 Resp: 5471

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.8	185.8
115	58.1	47.3	70.9

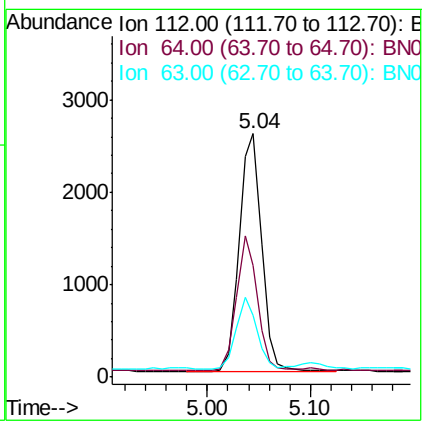


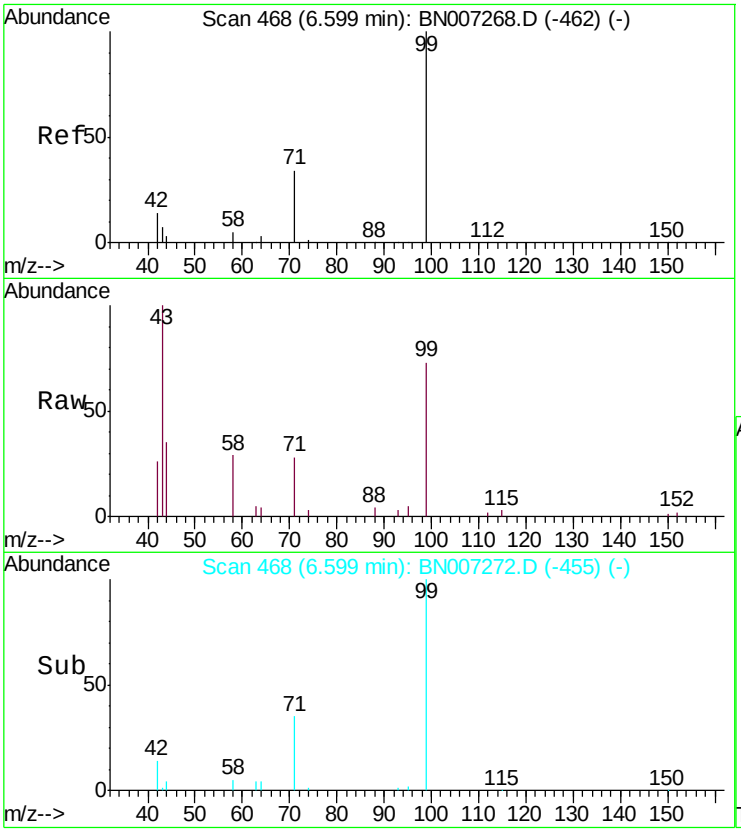


#4
2-Fluorophenol
Concen: 0.233 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:112 Resp: 3893

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.8	62.8
63	27.8	22.6	34.0



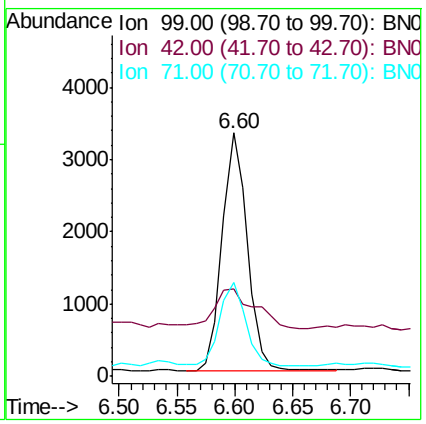


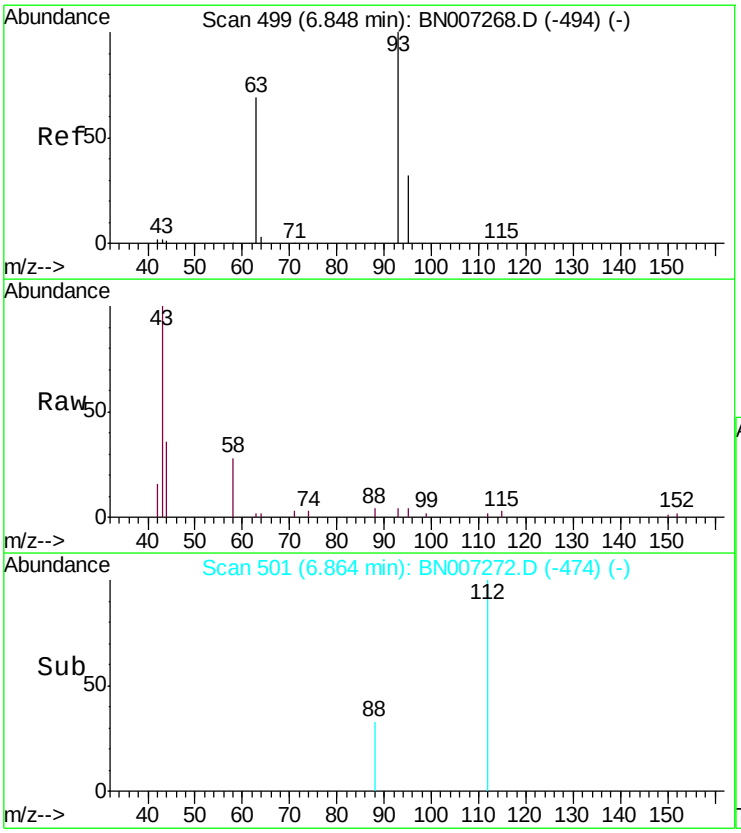
#5
Phenol-d6
Concen: 0.255 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion: 99 Resp: 4998

Ion	Ratio	Lower	Upper
99	100		
42	29.1	14.3	21.5#
71	36.7	27.3	40.9

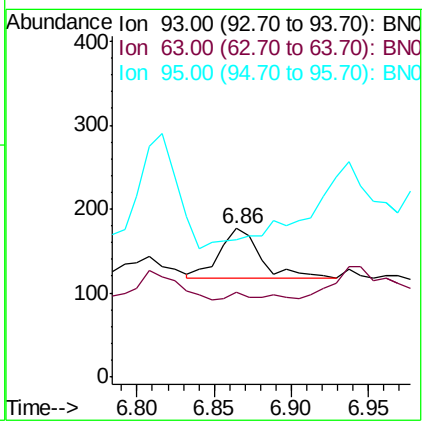


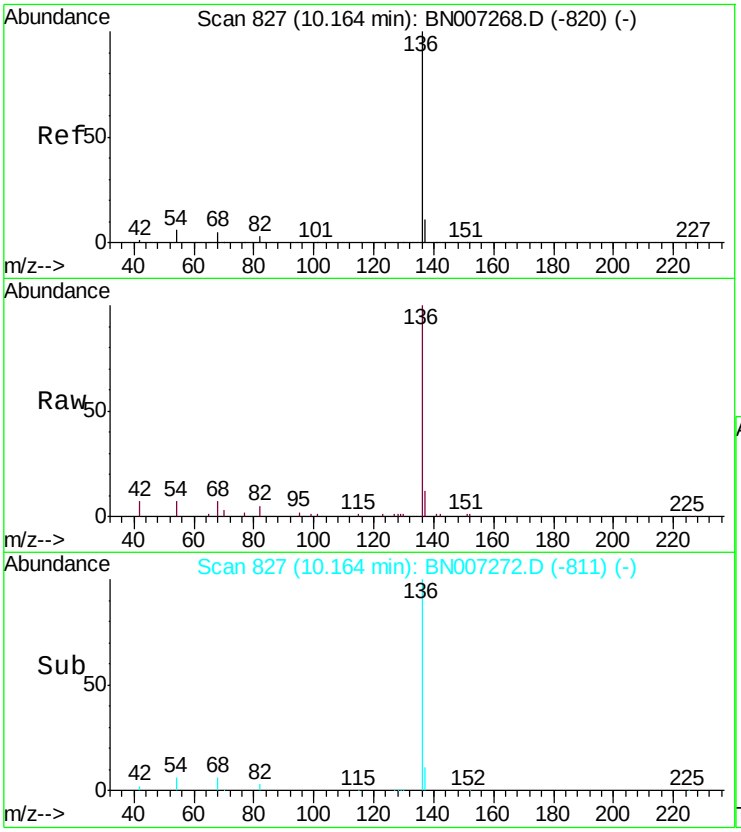


#6
bis(2-Chloroethyl)ether
Concen: 0.007 ng
RT: 6.86 min Scan# 501
Delta R.T. 0.02 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion: 93 Resp: 107

Ion	Ratio	Lower	Upper
93	100		
63	9.3	54.4	81.6#
95	0.0	25.5	38.3#



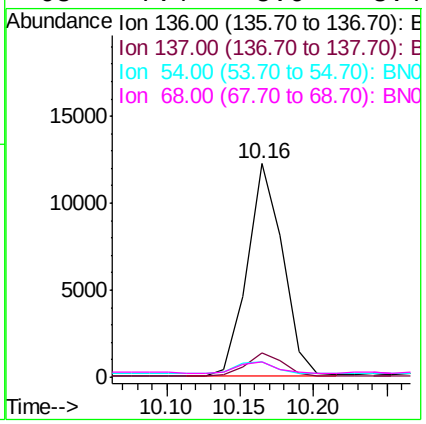


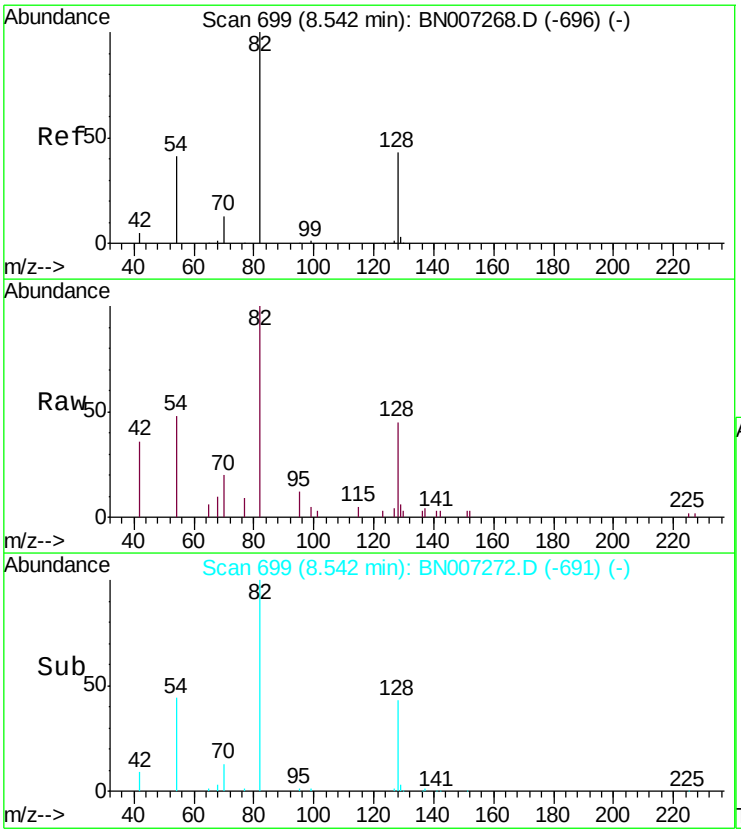
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:136 Resp: 20418

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.4	5.9	8.9
68	7.4	5.6	8.4

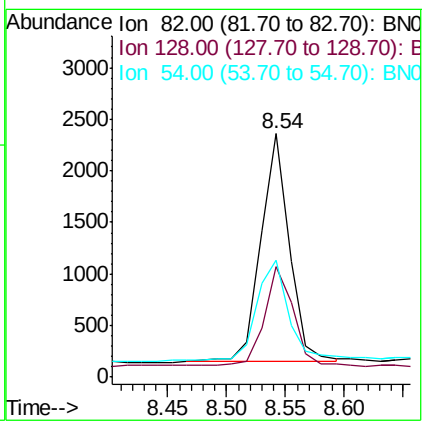


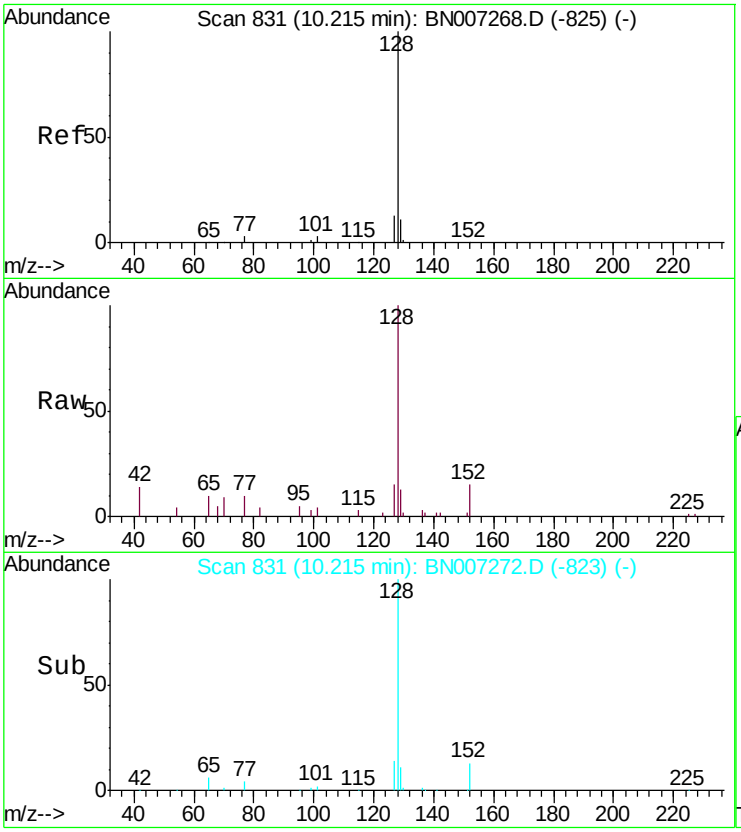


#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion: 82 Resp: 3699

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.8	53.6
54	47.9	34.7	52.1



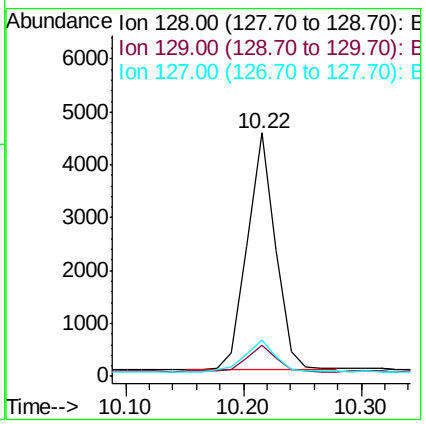


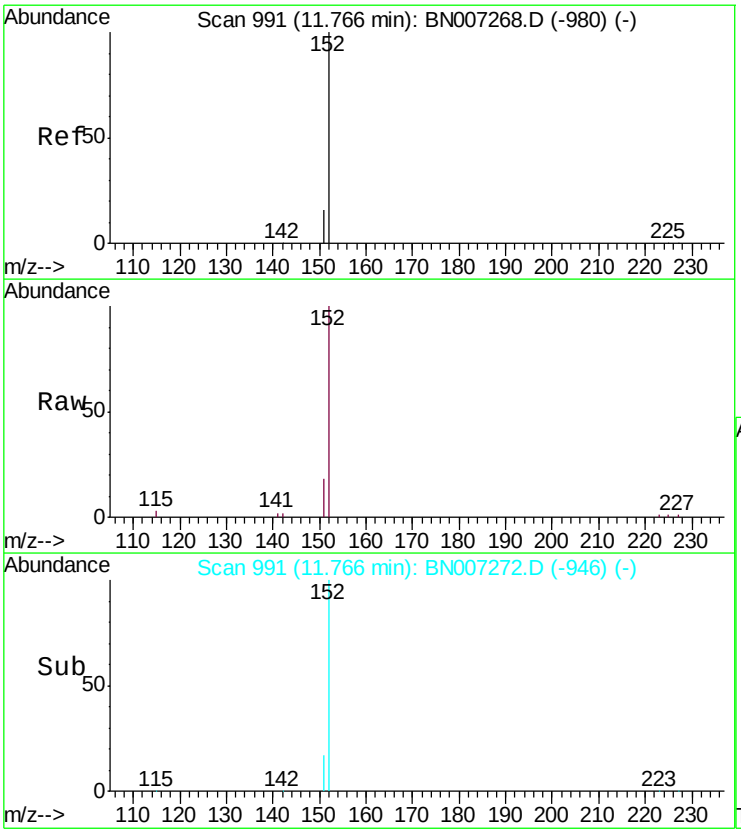
#9
Naphthalene
Concen: 0.129 ng
RT: 10.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:128 Resp: 7475

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	15.1	10.6	16.0

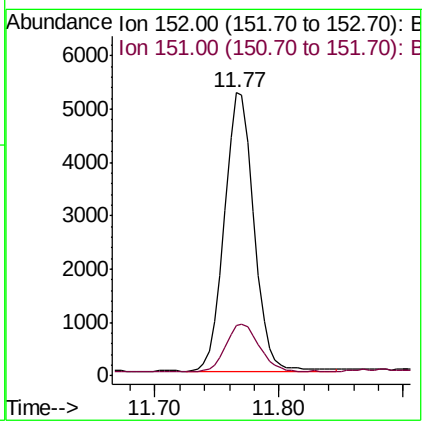


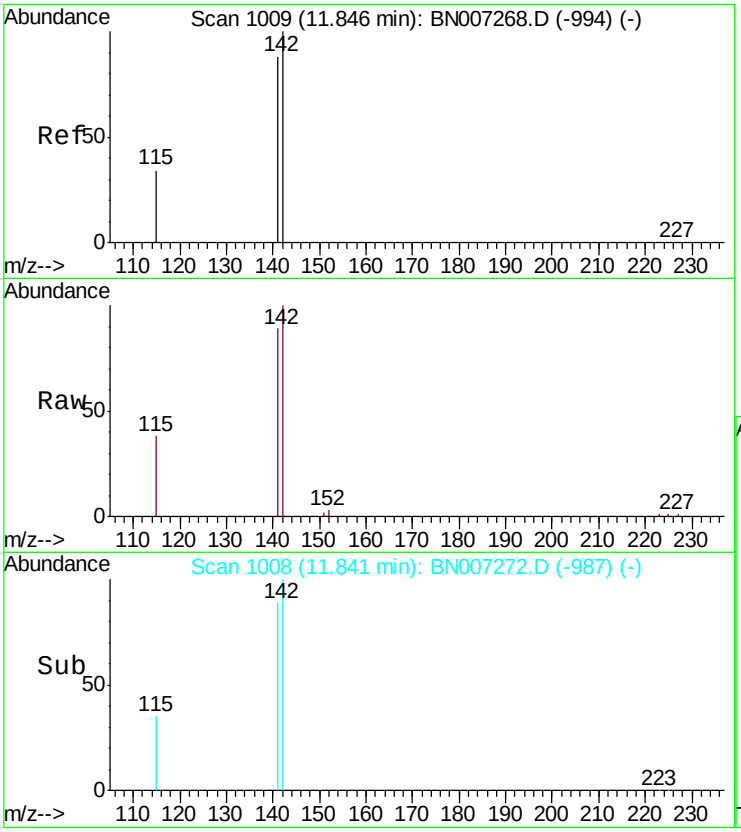


#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 11.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:152 Resp: 8596

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8



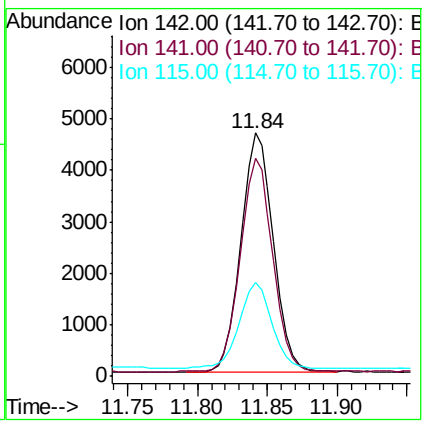


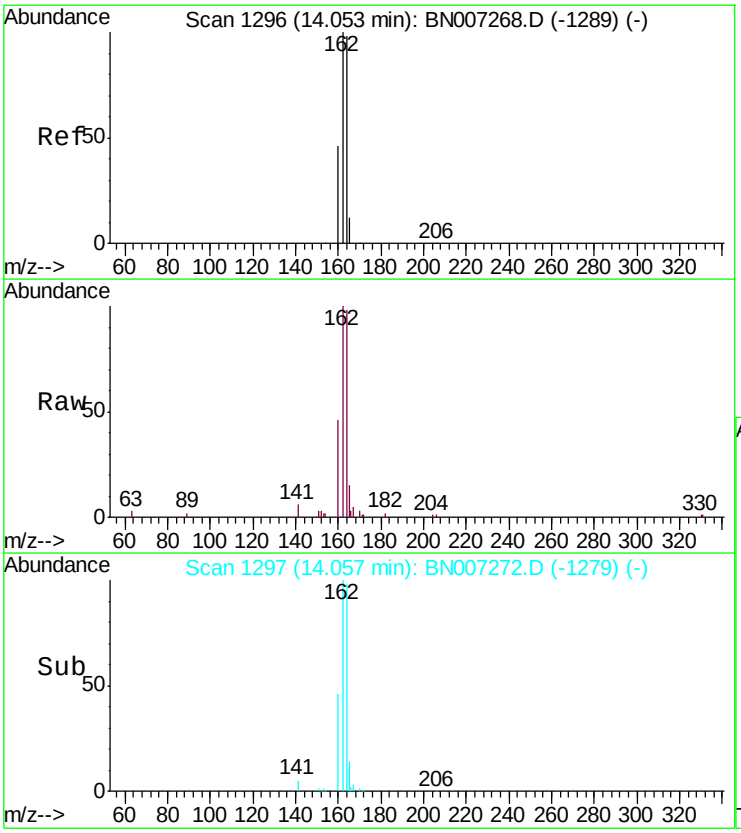
#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:142 Resp: 7474

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.7	106.1
115	38.3	28.1	42.1

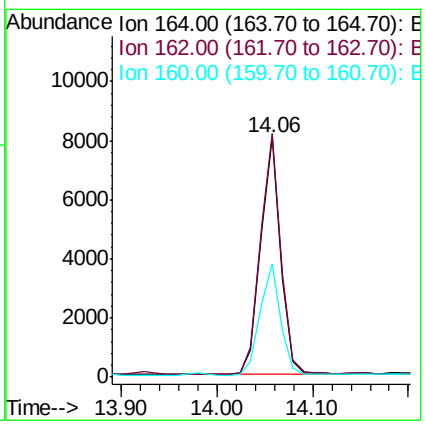


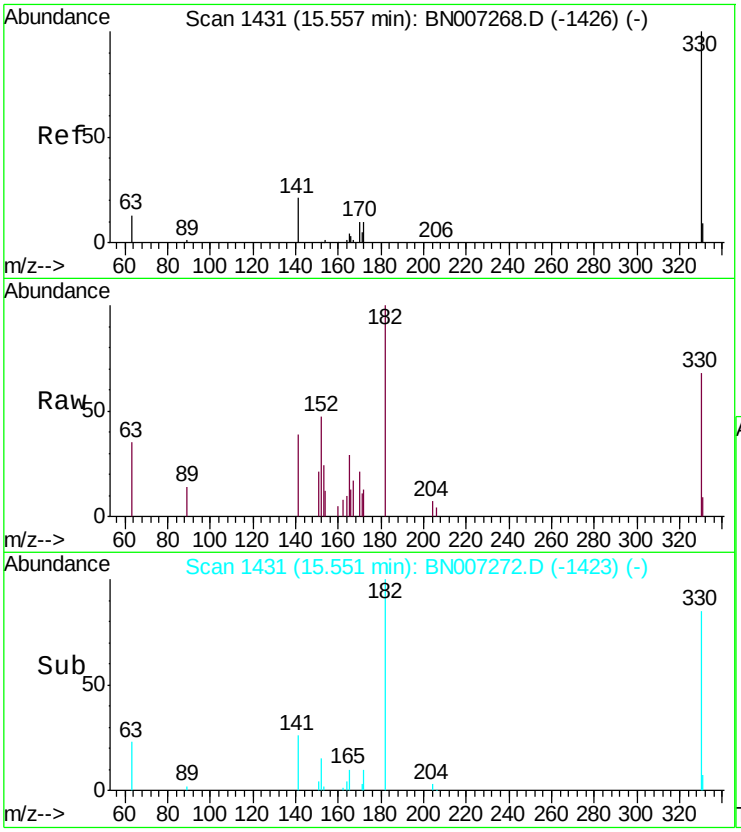


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:164 Resp: 11838

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.0	123.0
160	47.1	38.2	57.4



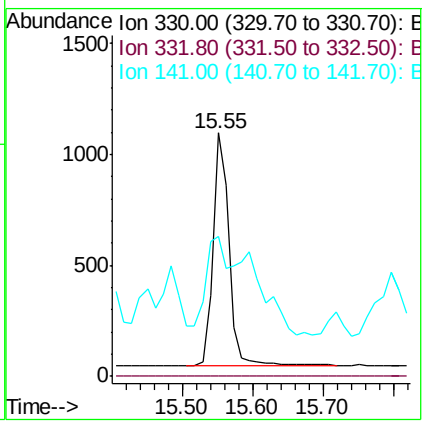


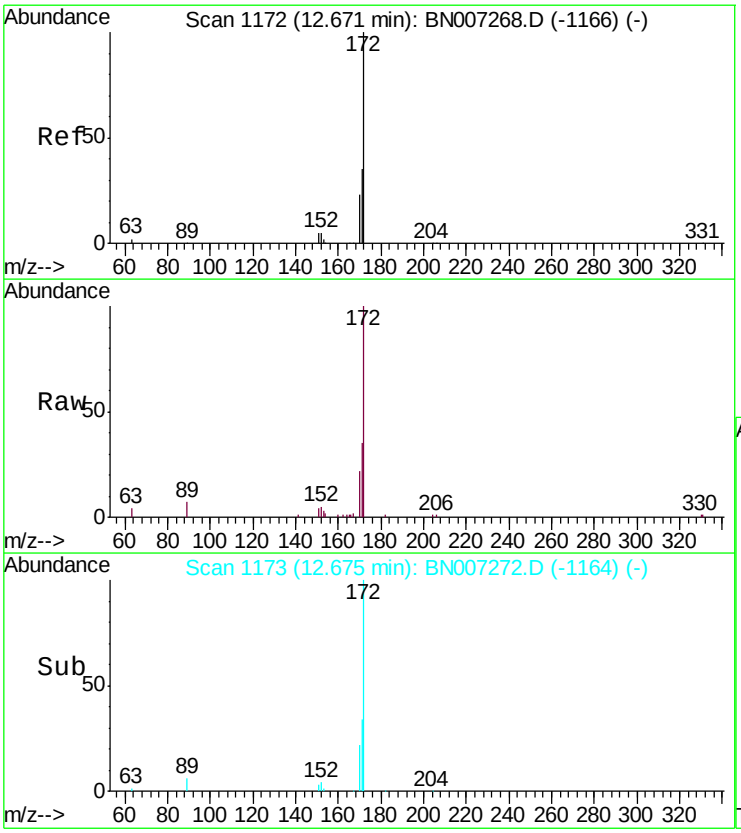
#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:330 Resp: 1687

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.7	30.3	45.5#

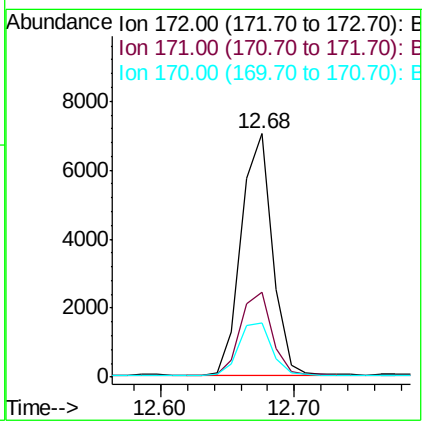


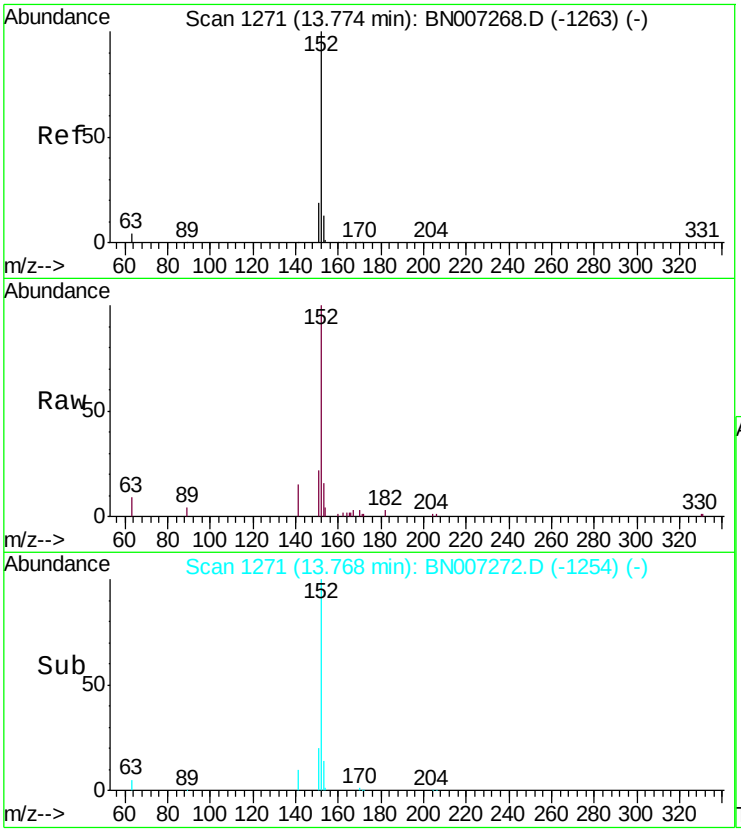


#15
2-Fluorobiphenyl
Concen: 0.223 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:172 Resp: 11300

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.2	18.7	28.1



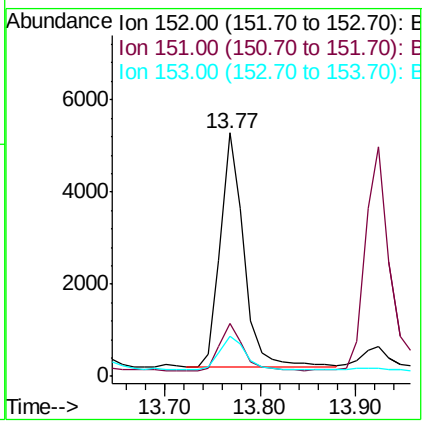


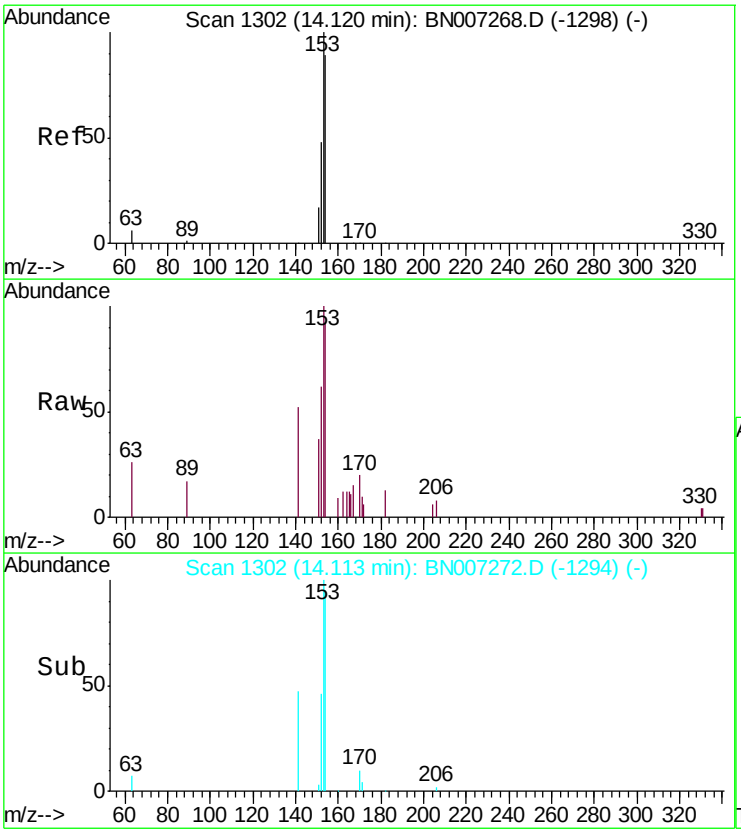
#16
Acenaphthylene
Concen: 0.137 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:152 Resp: 8582

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.4	23.2
153	15.9	10.1	15.1#

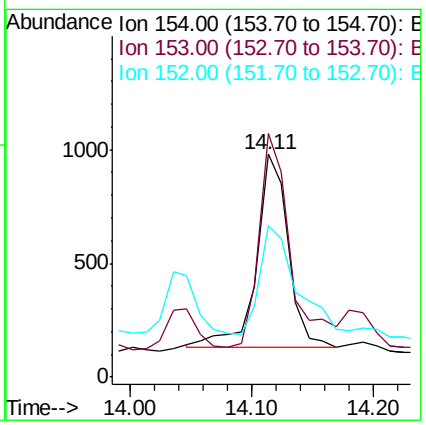


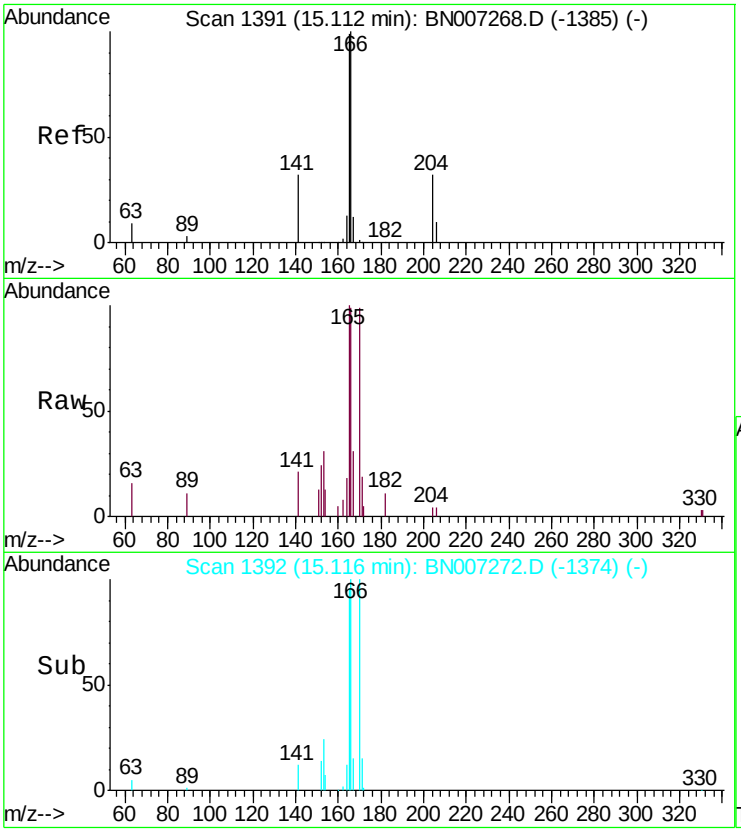


#17
Acenaphthene
Concen: 0.039 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:154 Resp: 1551

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.9	134.9
152	77.2	43.9	65.9#



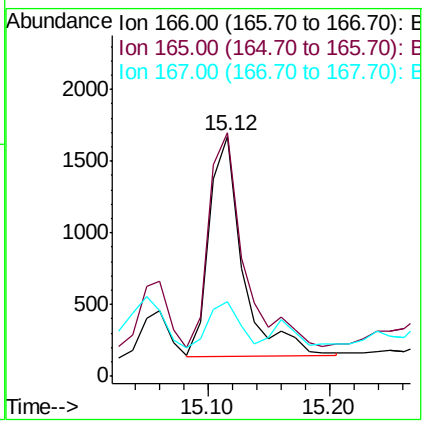


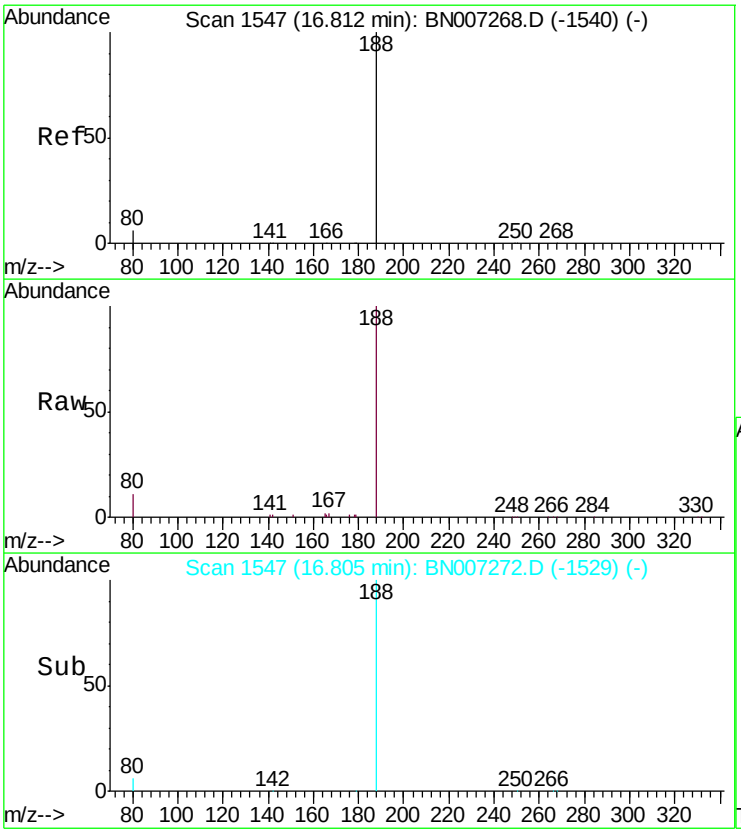
#18
Fluorene
Concen: 0.056 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:166 Resp: 2918

Ion	Ratio	Lower	Upper
166	100		
165	103.2	78.3	117.5
167	19.0	11.1	16.7#

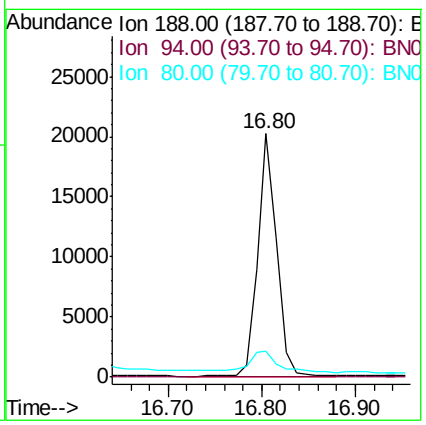


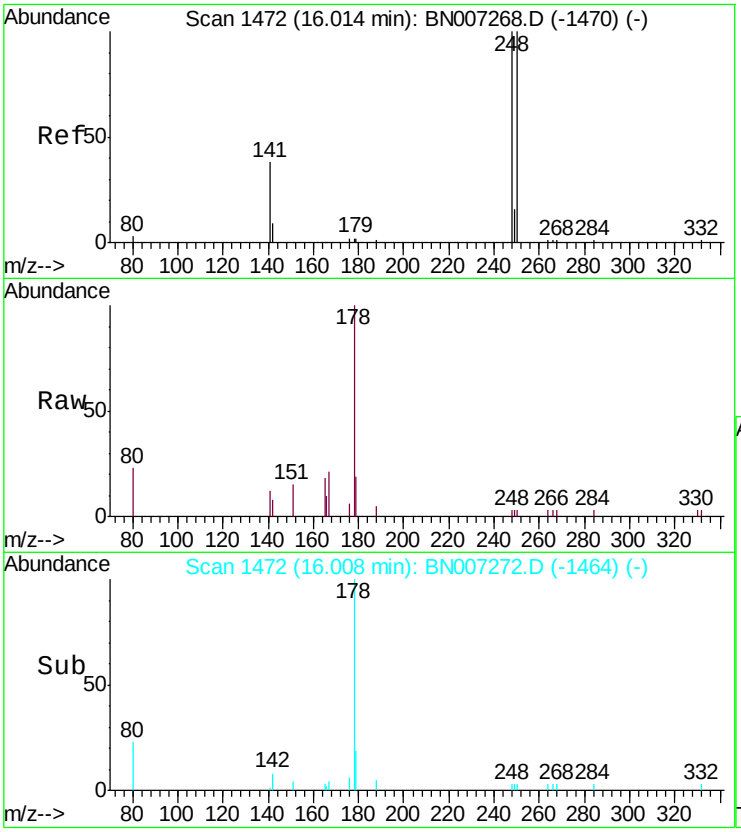


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:188 Resp: 28223

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	5.2	7.8#



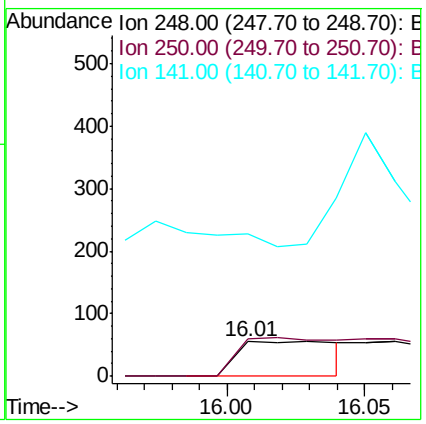


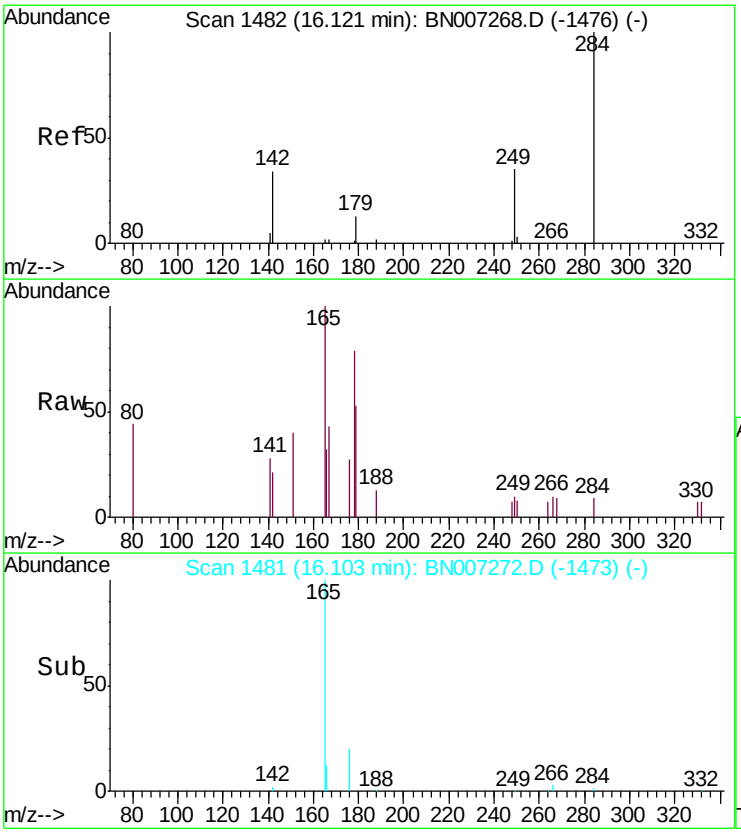
#20
4-Bromophenyl-phenylether
Concen: 0.009 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:248 Resp: 141

Ion	Ratio	Lower	Upper
248	100		
250	109.1	79.6	119.4
141	412.7	45.1	67.7#

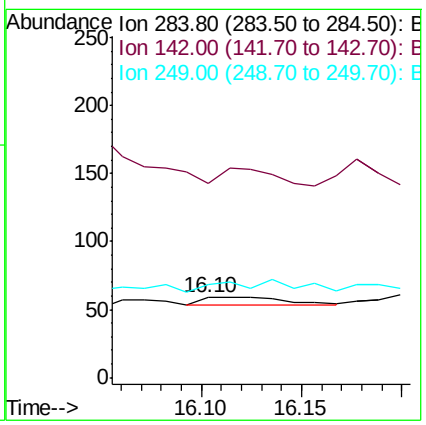


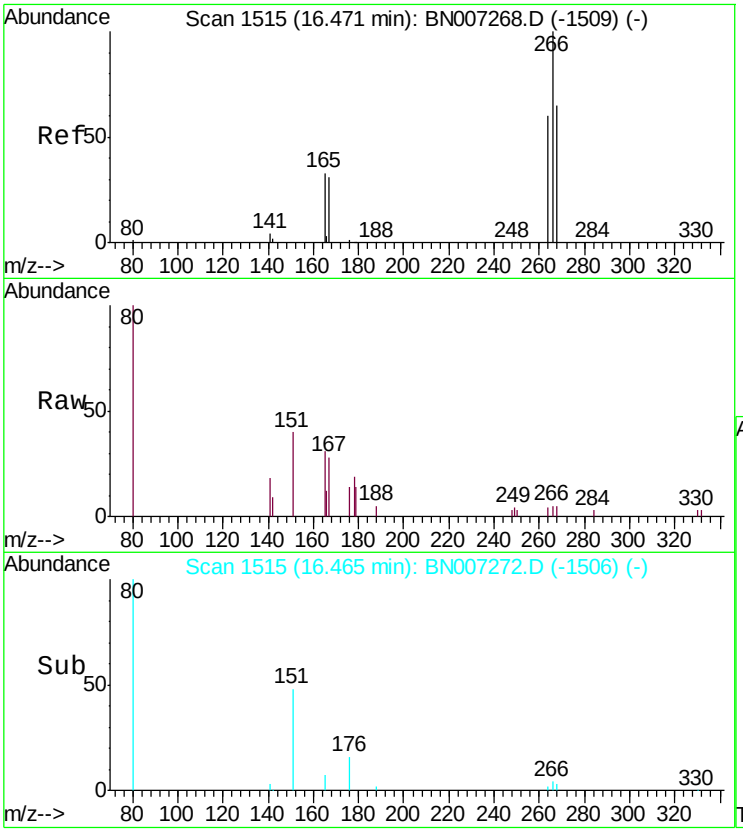


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:284 Resp: 18

Ion	Ratio	Lower	Upper
284	100		
142	122.2	29.5	44.3#
249	55.6	26.2	39.4#



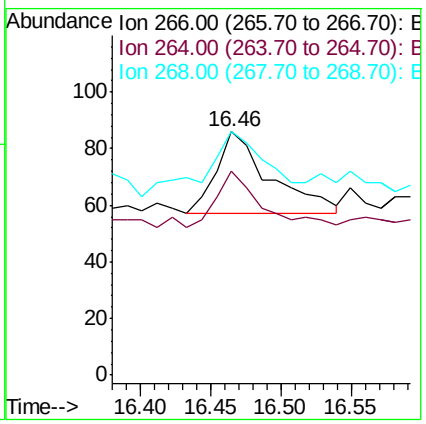


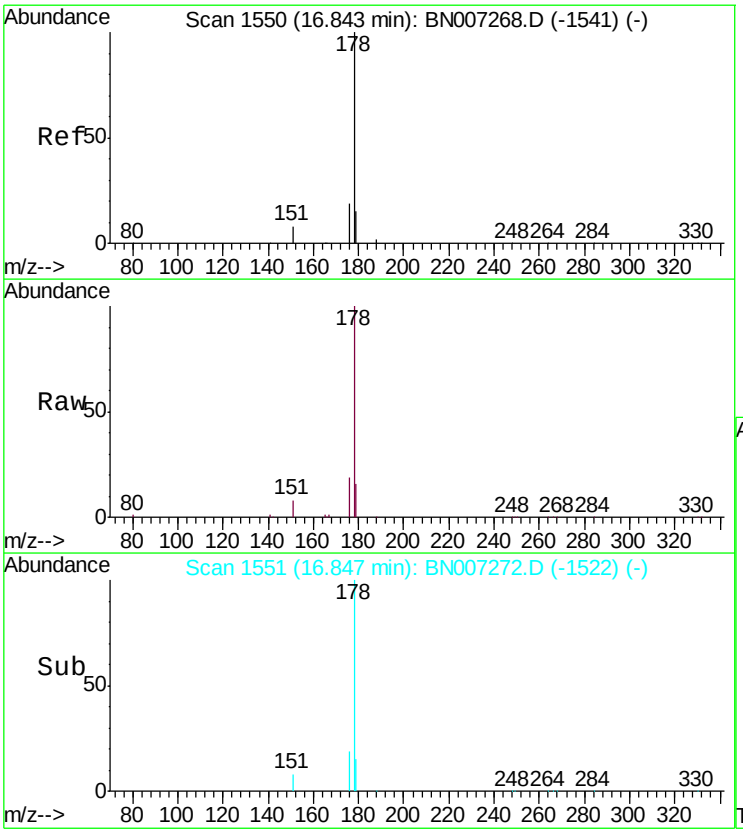
#22
Pentachlorophenol
Concen: 0.010 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:266 Resp: 78

Ion	Ratio	Lower	Upper
266	100		
264	83.7	48.7	73.1#
268	100.0	53.5	80.3#

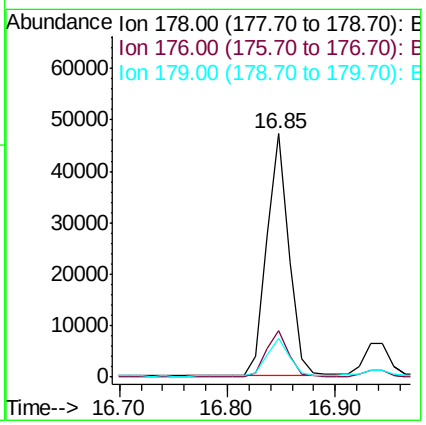


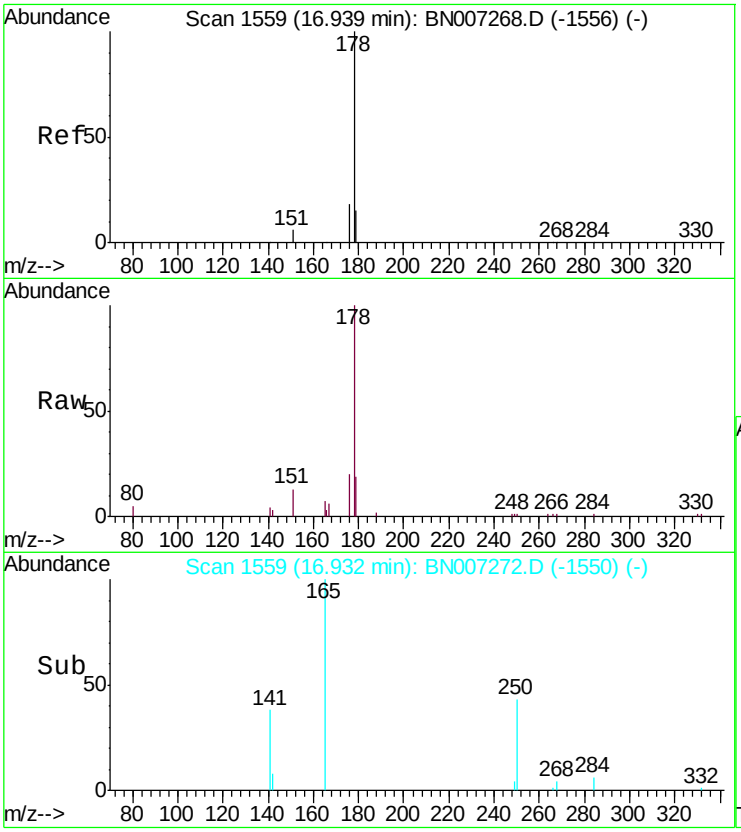


#23
Phenanthrene
Concen: 0.756 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:178 Resp: 66878

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.5	12.3	18.5



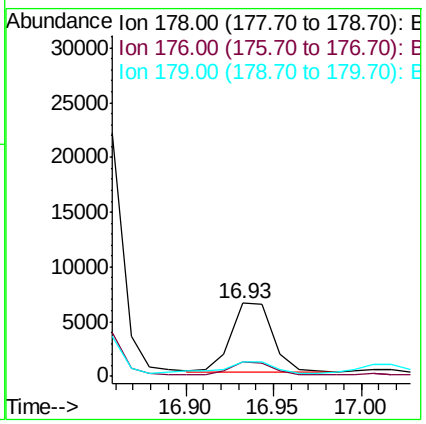


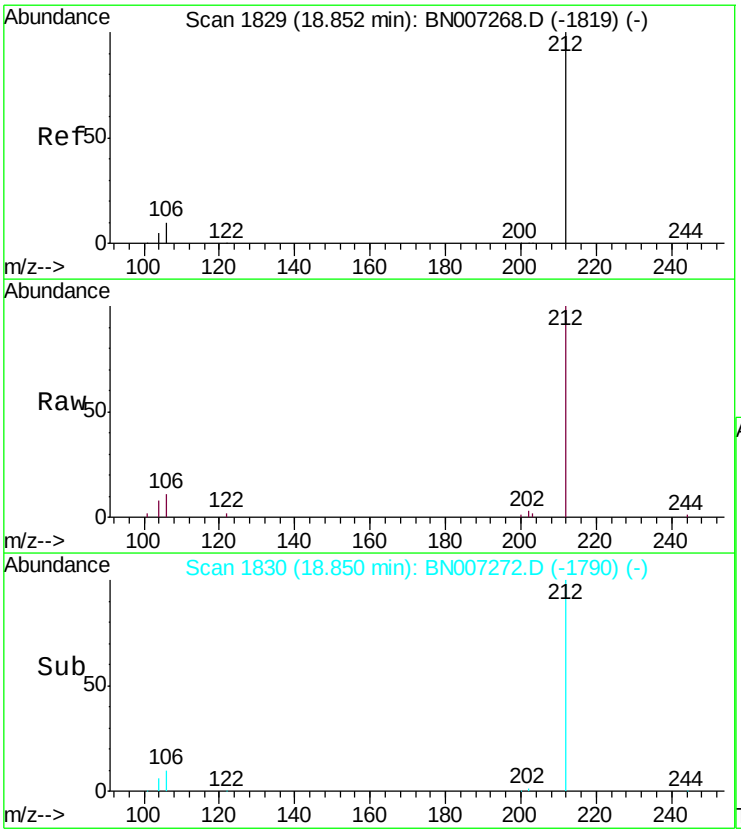
#24
Anthracene
Concen: 0.128 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:178 Resp: 10208

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	19.1	12.3	18.5#

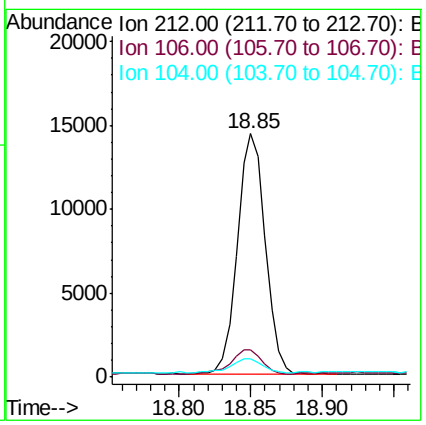


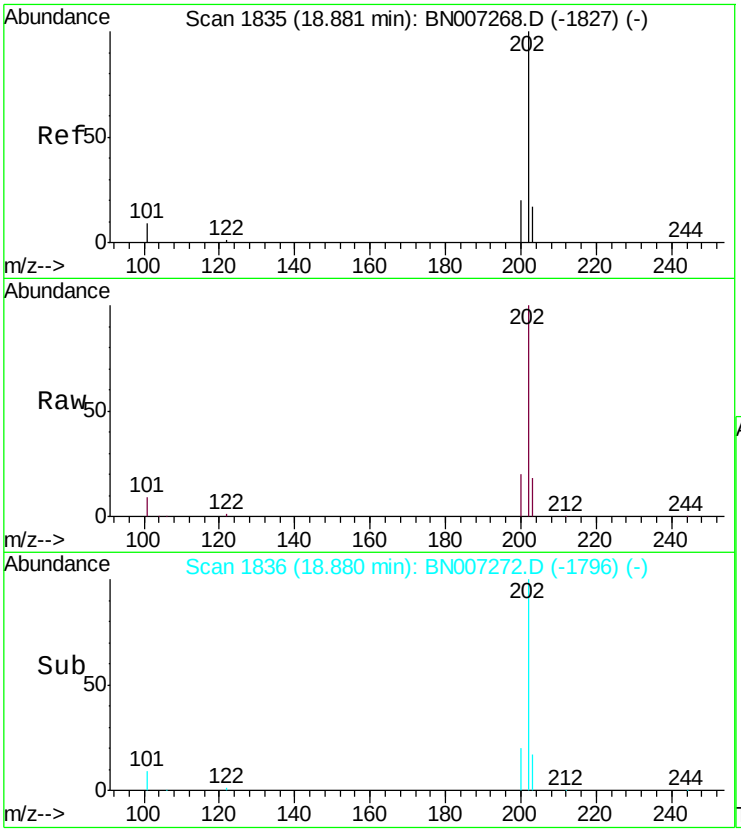


#25
Fluoranthene-d10
Concen: 0.217 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:212 Resp: 19392

Ion	Ratio	Lower	Upper
212	100		
106	11.4	8.2	12.4
104	6.3	4.7	7.1



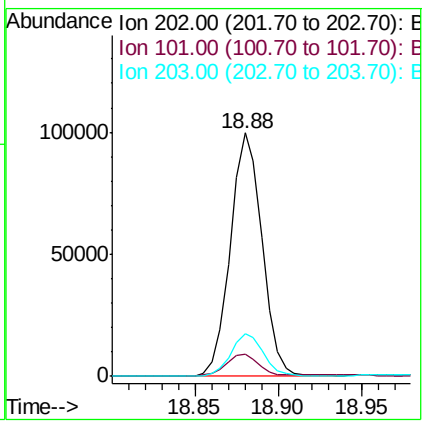


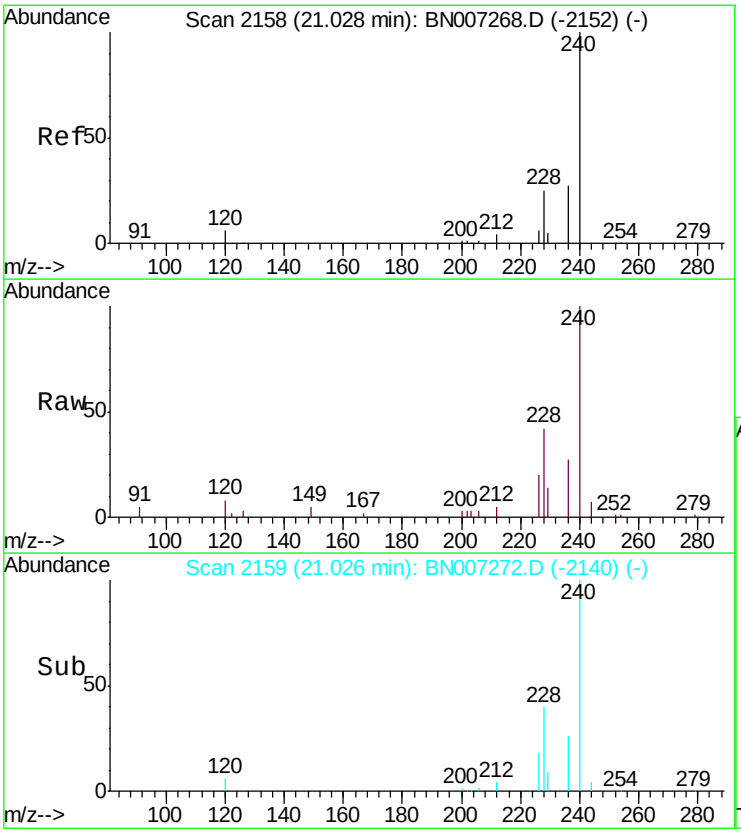
#26
Fluoranthene
Concen: 1.221 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:202 Resp: 130856

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.5	13.8	20.6

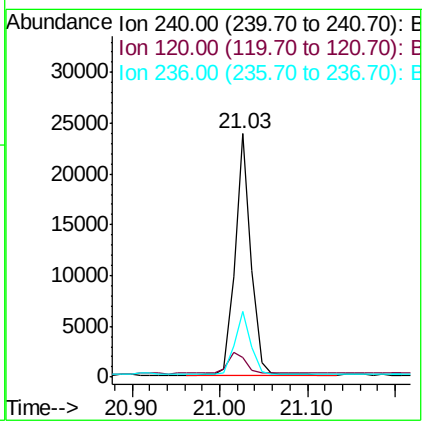


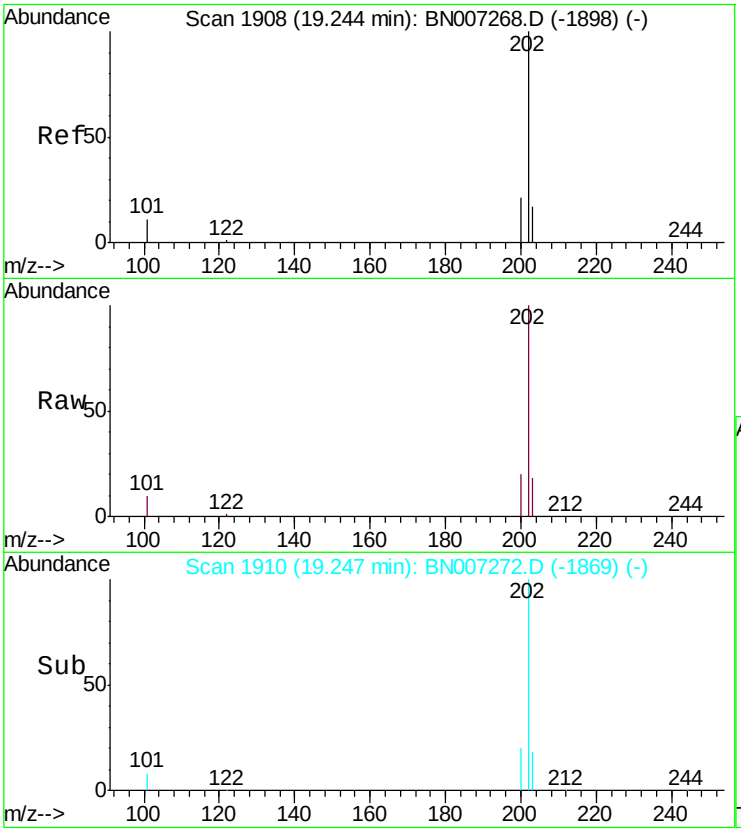


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:240 Resp: 29594

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.6	8.4
236	27.0	21.6	32.4



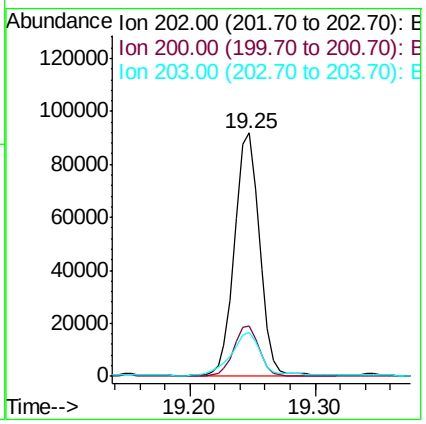


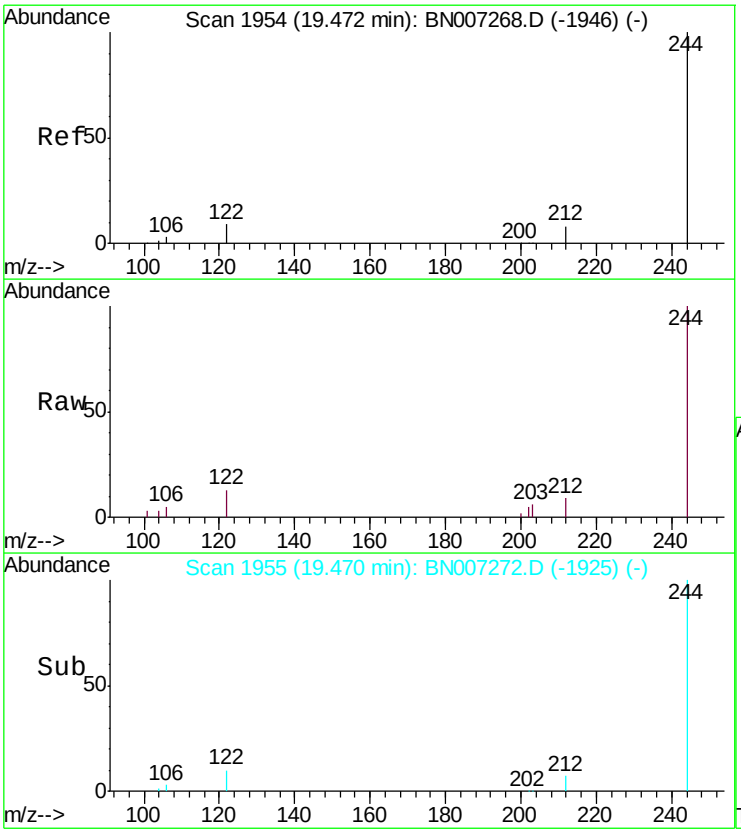
#28
Pyrene
Concen: 1.138 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:202 Resp: 125931

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	20.8	13.9	20.9

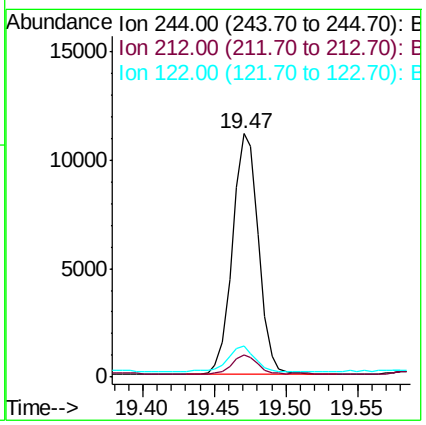


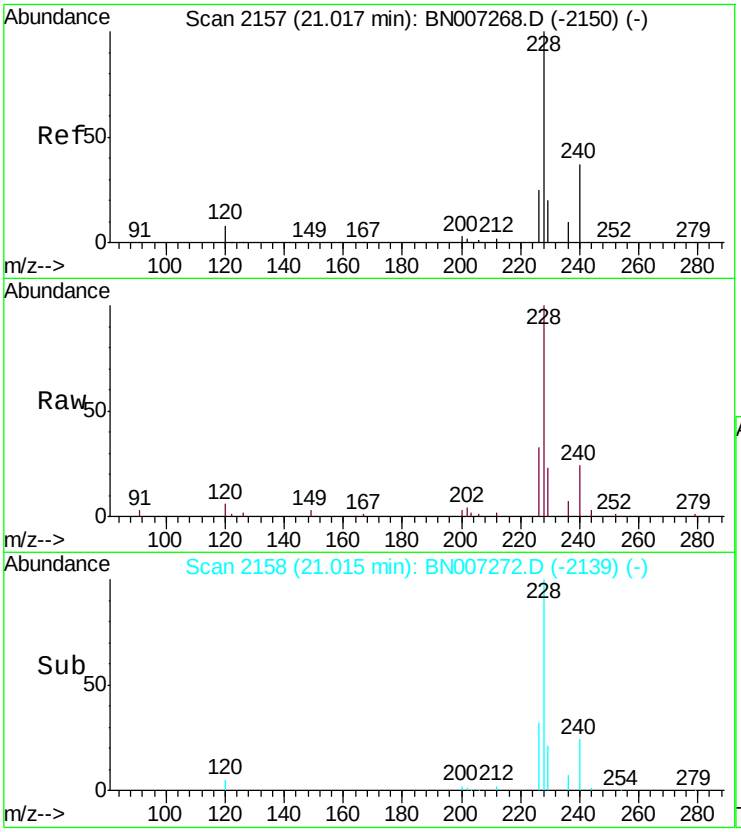


#29
Terphenyl-d14
Concen: 0.190 ng
RT: 19.47 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:244 Resp: 14070

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	12.6	7.9	11.9#



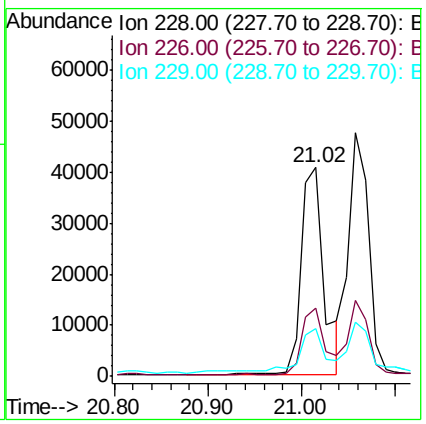


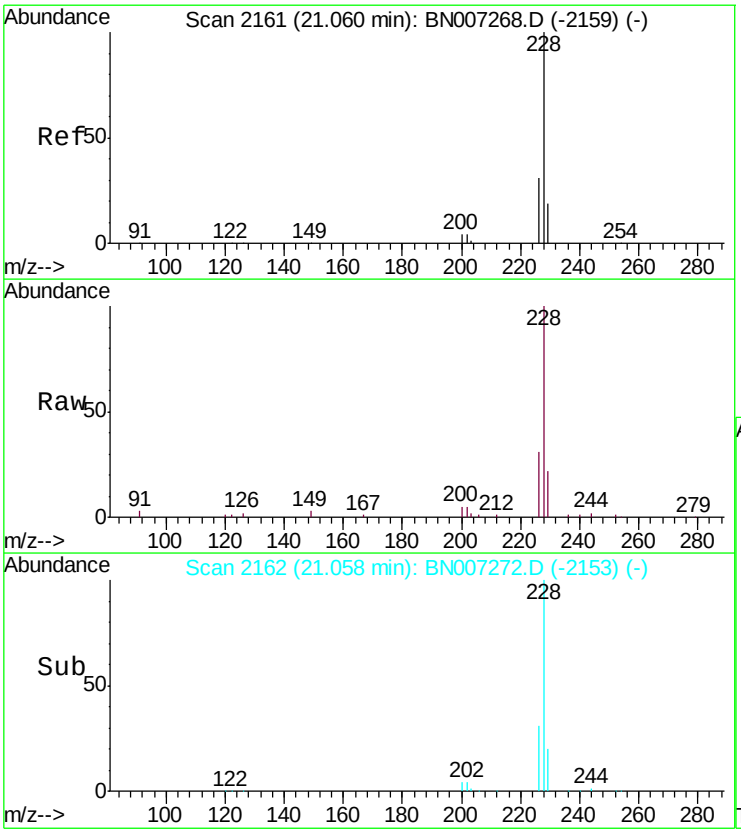
#30
Benzo(a)anthracene
Concen: 0.626 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:228 Resp: 68939

Ion	Ratio	Lower	Upper
228	100		
226	32.9	20.6	30.8#
229	23.0	16.9	25.3

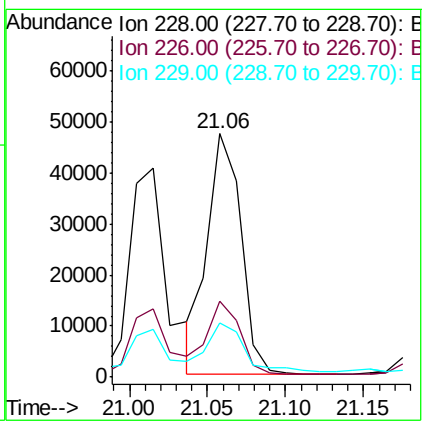


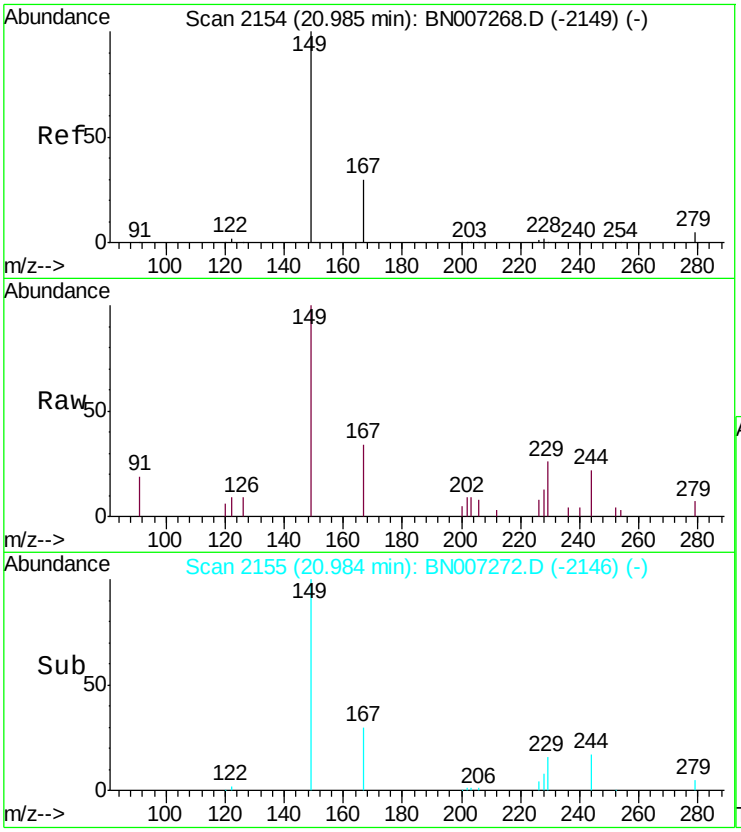


#31
Chrysene
Concen: 0.629 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:228 Resp: 70652

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	36.8
229	22.1	15.6	23.4



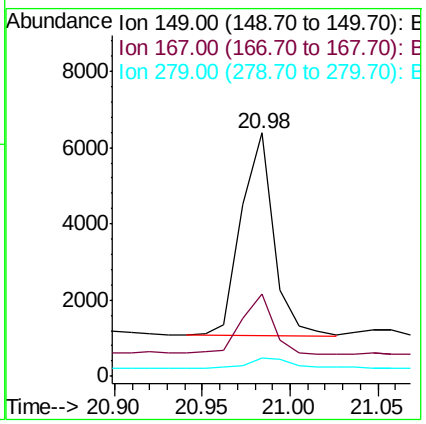


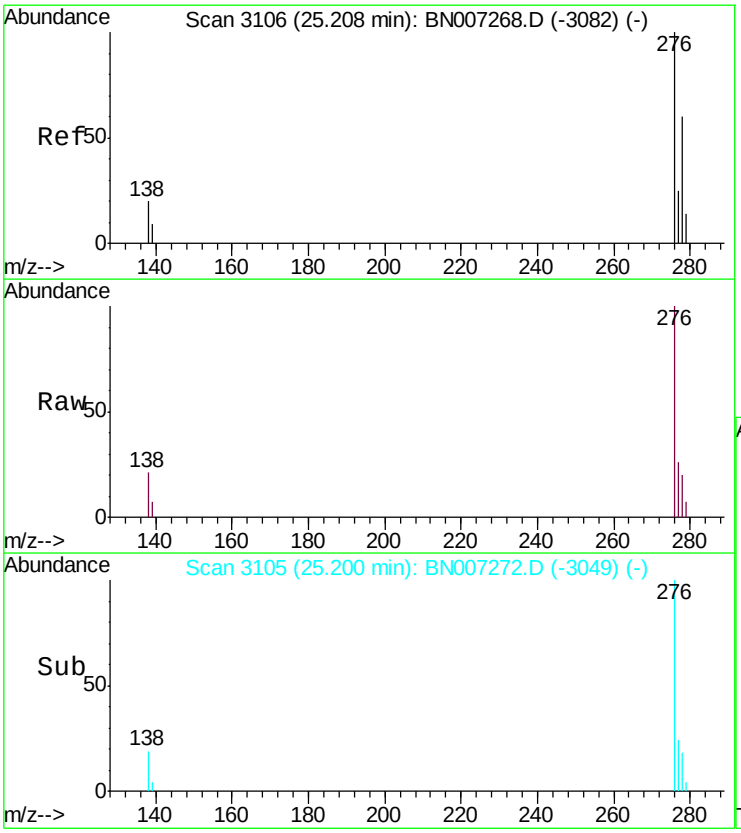
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.154 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:149 Resp: 6788

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.8	35.6
279	8.3	3.8	5.8#

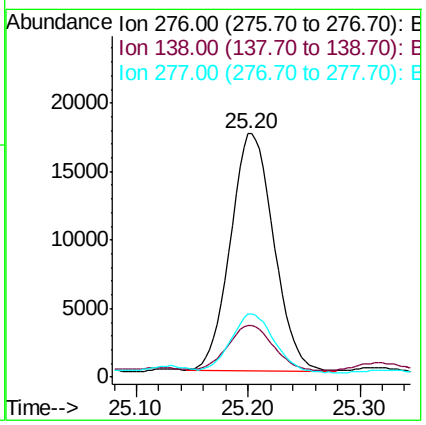


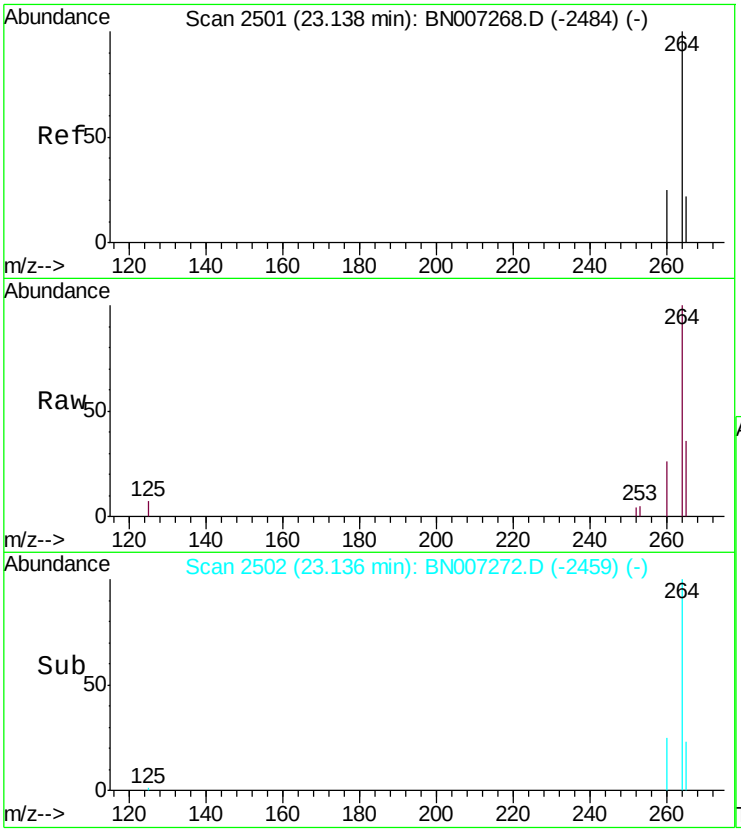


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:276 Resp: 46746

Ion	Ratio	Lower	Upper
276	100		
138	19.5	17.1	25.7
277	24.7	20.1	30.1



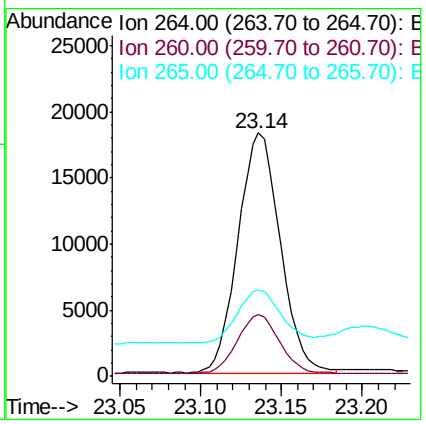


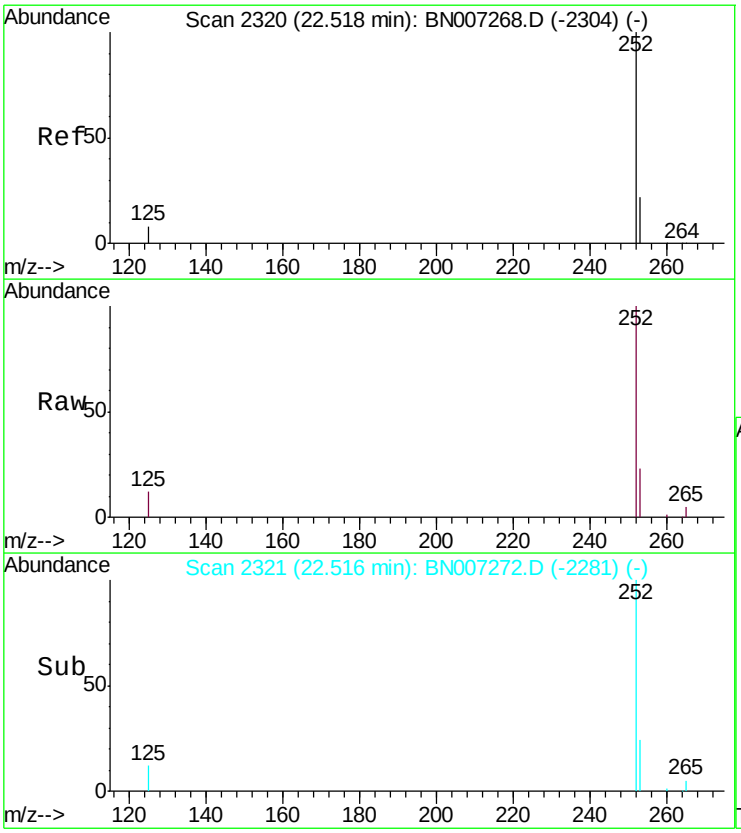
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:264 Resp: 32886

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	35.6	29.0	43.6

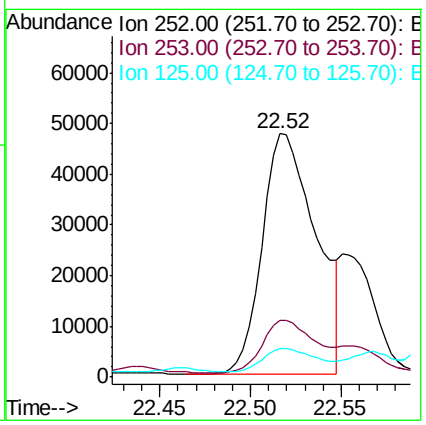


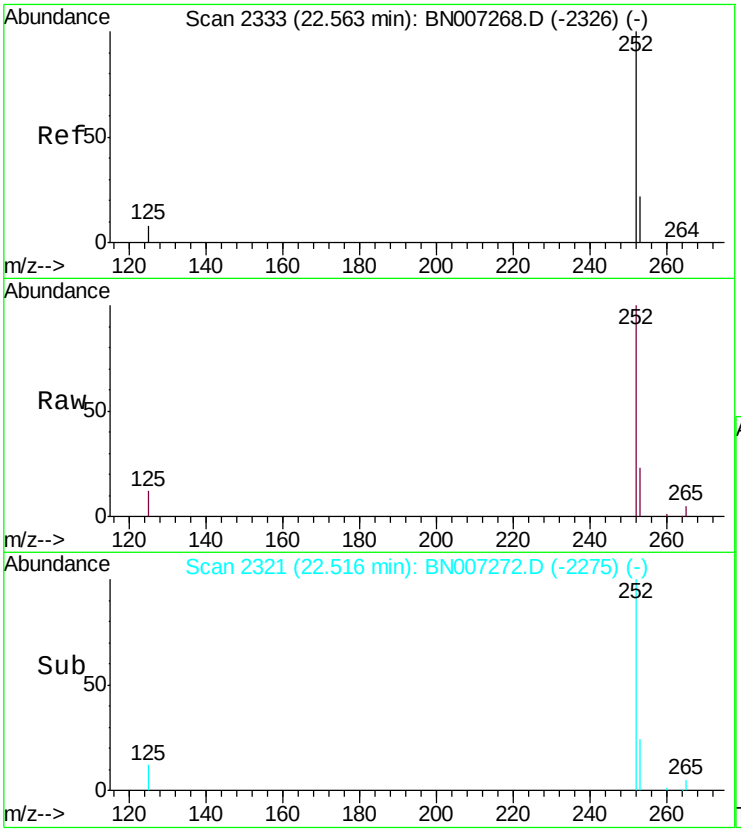


#35
Benzo(b)fluoranthene
Concen: 0.795 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:252 Resp: 97509

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	11.6	7.8	11.6



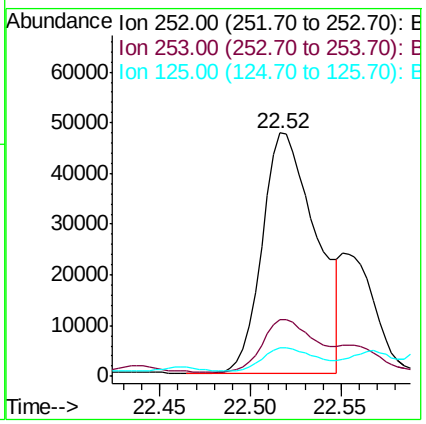


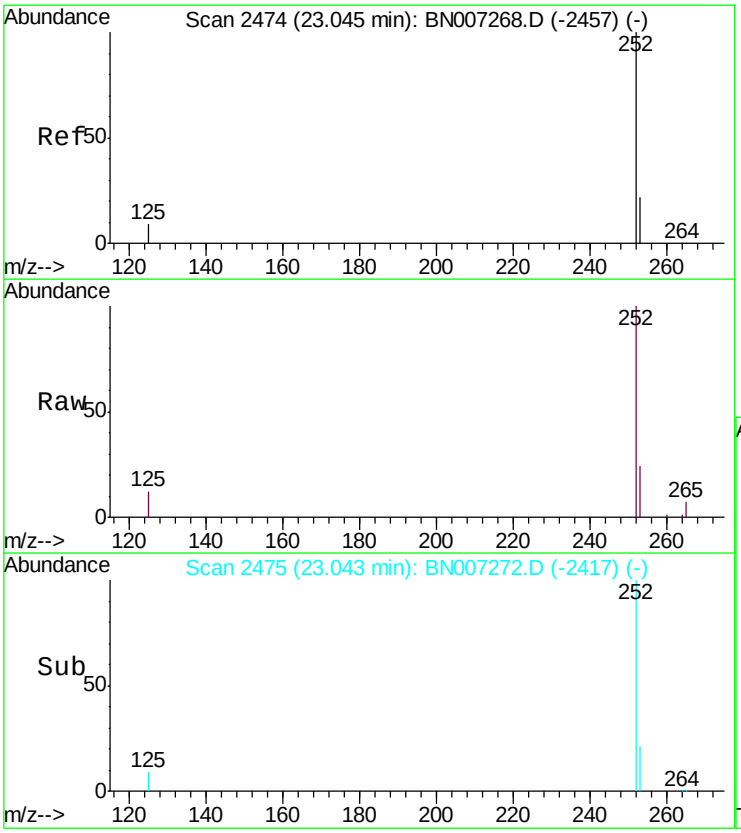
#36
Benzo(k)fluoranthene
Concen: 0.812 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.05 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:252 Resp: 97509

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	11.6	8.0	12.0

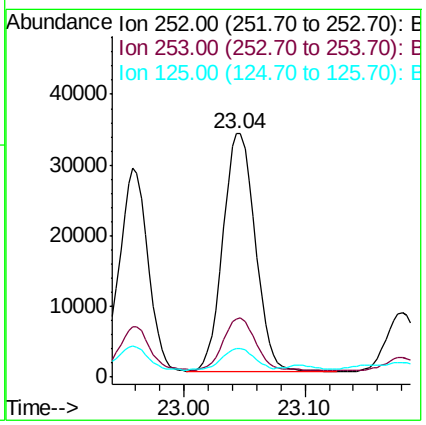


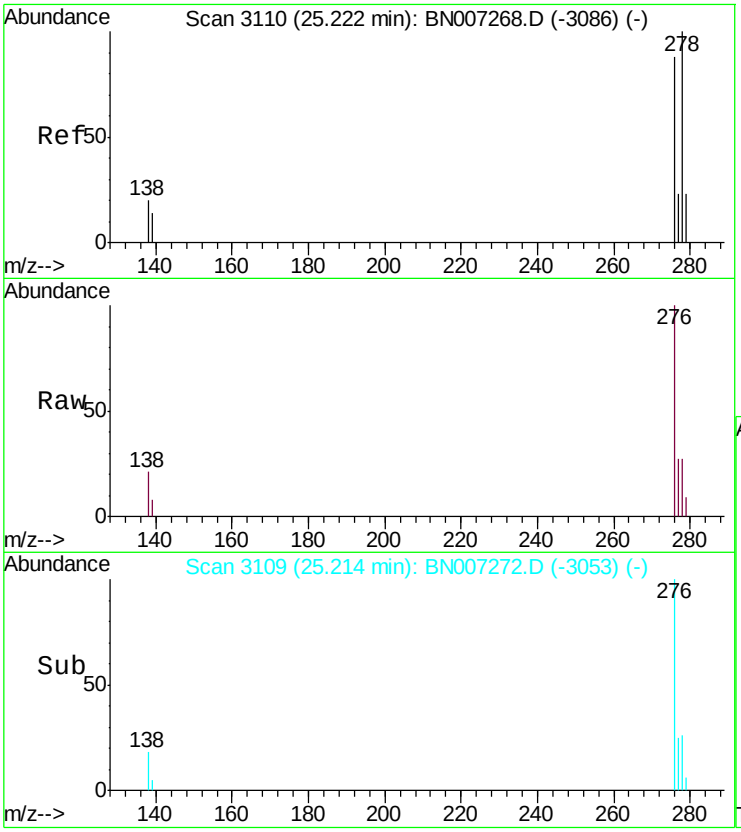


#37
Benzo(a)pyrene
Concen: 0.568 ng
RT: 23.04 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:252 Resp: 62809

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	11.7	8.7	13.1



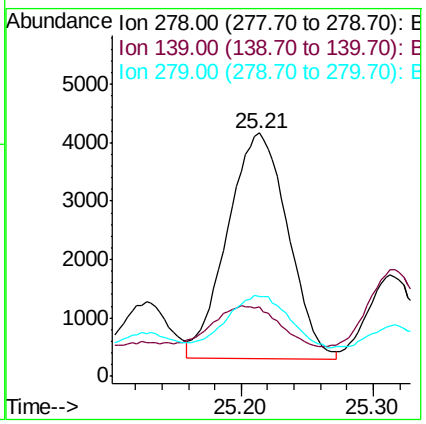


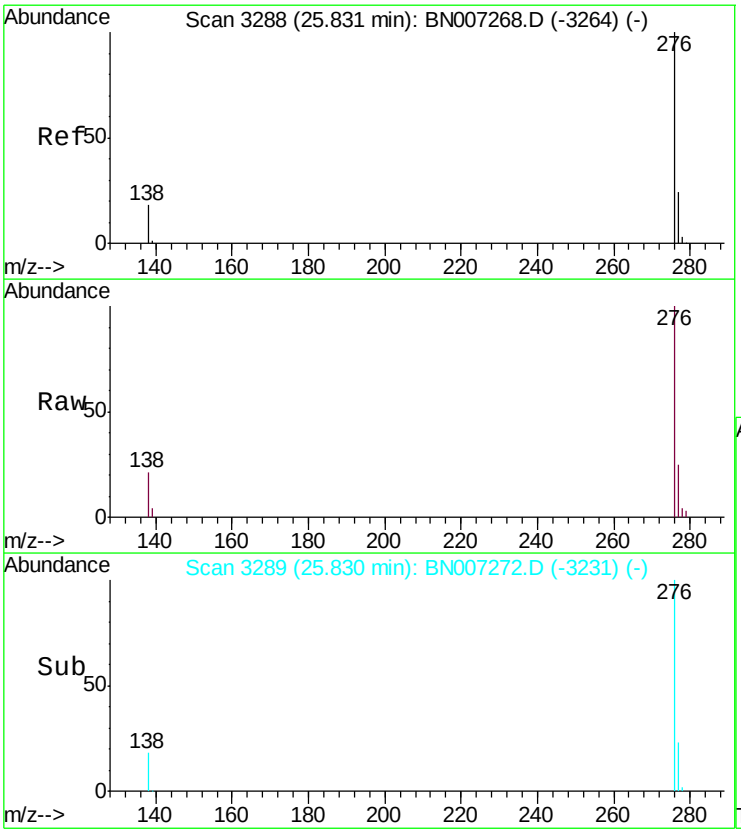
#38
Dibenzo(a,h)anthracene
Concen: 0.106 ng
RT: 25.21 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919

Tgt Ion:278 Resp: 12306

Ion	Ratio	Lower	Upper
278	100		
139	28.4	11.8	17.8#
279	33.0	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 25.83 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BN007272.D
Acq: 20 Aug 2019 19:39

Tgt Ion:276 Resp: 46374

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	20.8	15.3	22.9