Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082019\
Data File : BN007280.D
Acq On : 21 Aug 2019 05:27
Operator : HP/JU
Sample : K4282-06RX
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 21 08:24:28 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	5889	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	22018	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	13069	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	30507	0.40	ng		-0.01
27) Chrysene-d12	21.03	240	31638	0.40	ng		0.00
34) Perylene-d12	23.13	264	35714	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	6148	0.34	ng		0.00
5) Phenol-d6	6.60	99	8153	0.39	ng		0.00
8) Nitrobenzene-d5	8.54	82	6022	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	12860	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	1977	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.67	172	17166	0.31	ng		0.00
25) Fluoranthene-d10	18.85	212	24547	0.25	ng		0.00
29) Terphenyl-d14	19.47	244	19344	0.24	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.22	128	1882	0.030	ng	#	85
12) 2-Methylnaphthalene	11.85	142	1112	0.026	ng	#	91
16) Acenaphthylene	13.77	152	3773	0.054	ng		97
23) Phenanthrene	16.84	178	21025	0.220	ng		100
24) Anthracene	16.94	178	2333	0.027	ng	#	85
26) Fluoranthene	18.88	202	40926	0.353	ng		98
28) Pyrene	19.24	202	40460	0.342	ng		98
30) Benzo(a)anthracene	21.01	228	22029	0.187	ng	#	84
31) Chrysene	21.06	228	33746	0.281	ng	#	91
32) Bis(2-ethylhexyl)phthalate	20.97	149	7756	0.165	ng		98
33) Indeno(1,2,3-cd)pyrene	25.20	276	15122	0.105	ng		99
35) Benzo(b)fluoranthene	22.52	252	32104	0.241	ng	#	94
36) Benzo(k)fluoranthene	22.52	252	32104	0.246	ng	#	94
37) Benzo(a)pyrene	23.05	252	19146	0.160	ng	#	90
38) Dibenzo(a,h)anthracene	25.21	278	4524	0.036	ng	#	34
39) Benzo(g,h,i)perylene	25.83	276	15701	0.123	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082019\
Data File : BN007280.D
Acq On : 21 Aug 2019 05:27
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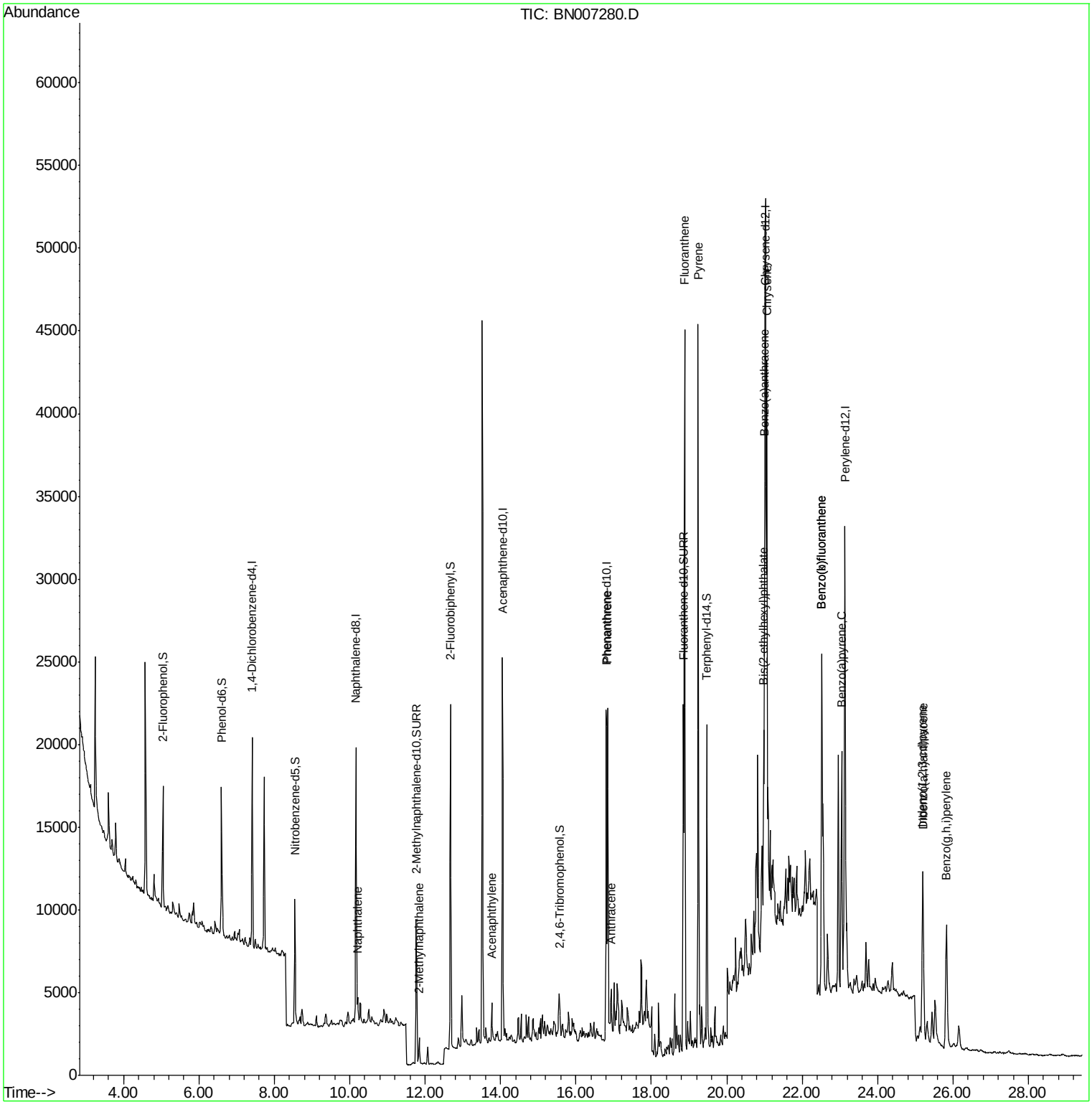
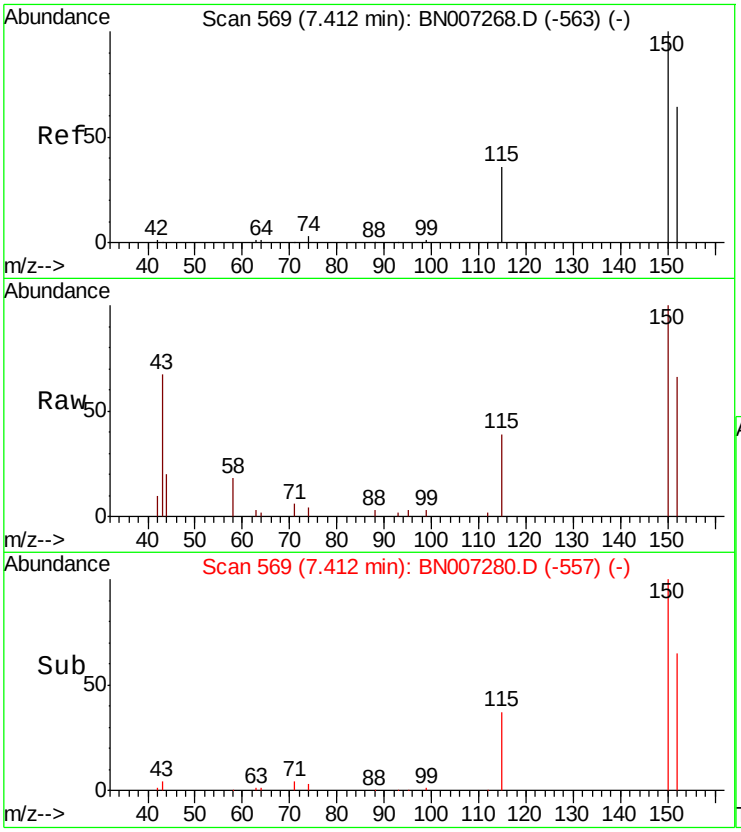
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration



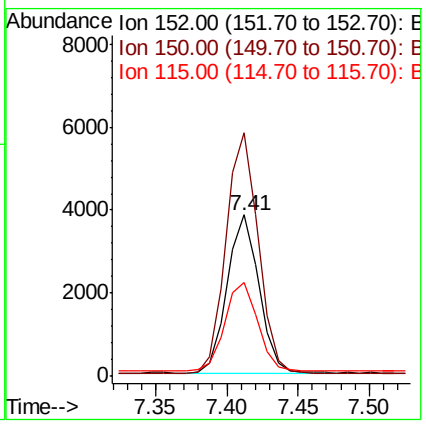


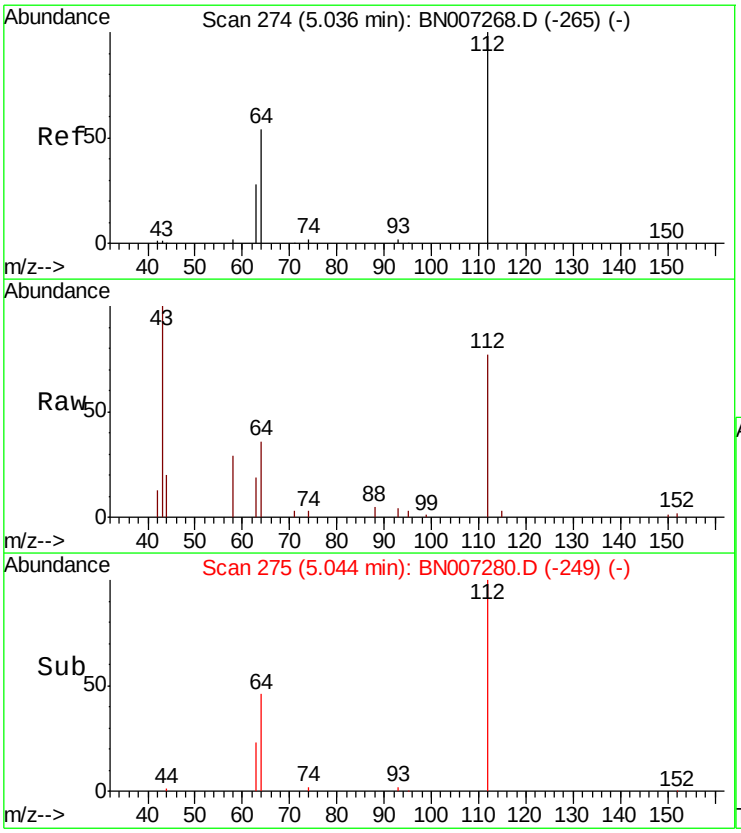
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5889

Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.8	185.8
115	58.6	47.3	70.9

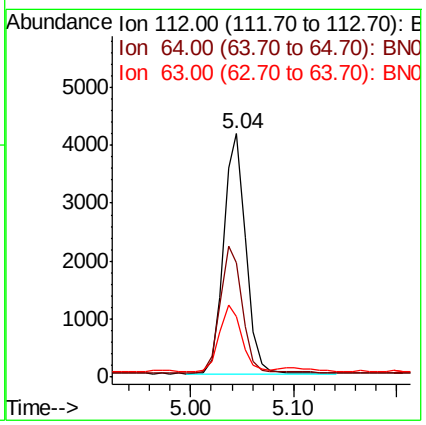


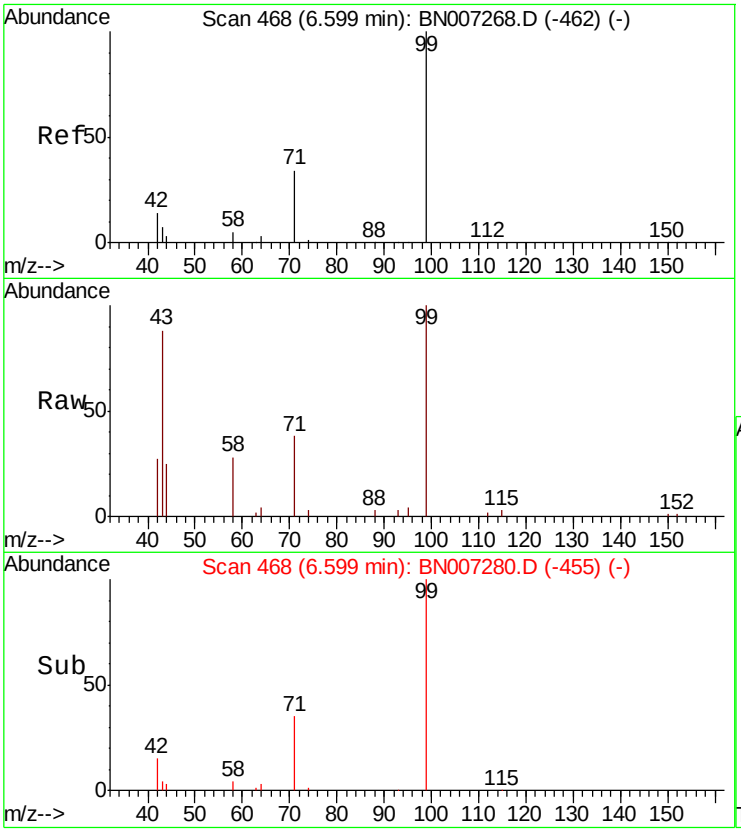


#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:112 Resp: 6148

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.8	62.8
63	27.7	22.6	34.0



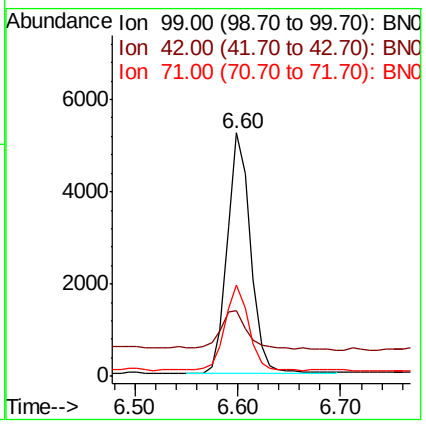


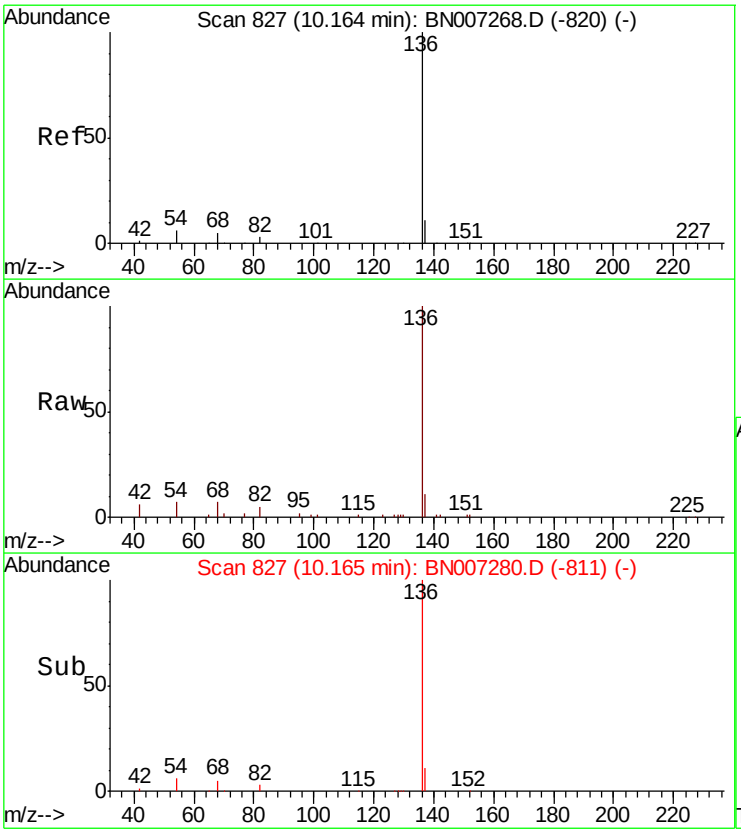
#5
Phenol-d6
Concen: 0.394 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8153

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.3	21.5
71	36.7	27.3	40.9

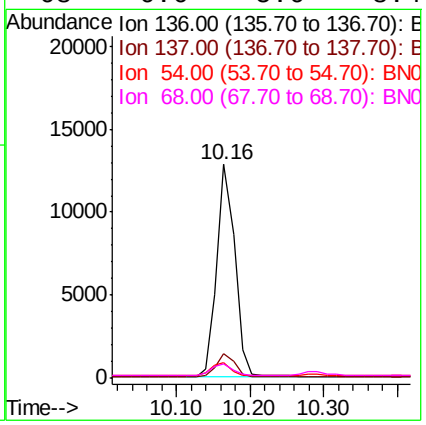


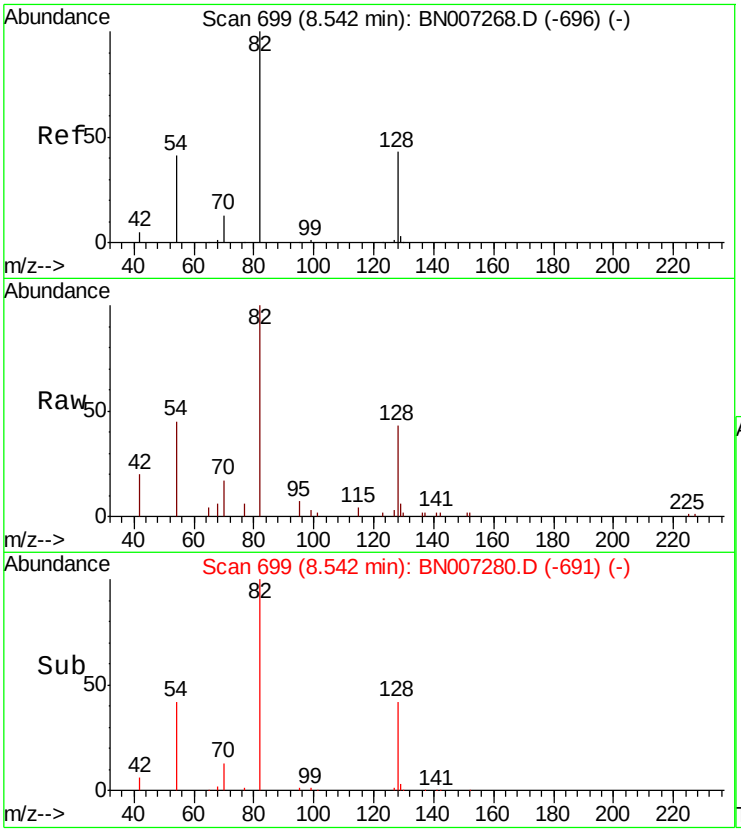


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:136 Resp: 22018

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.3	5.9	8.9
68	6.6	5.6	8.4



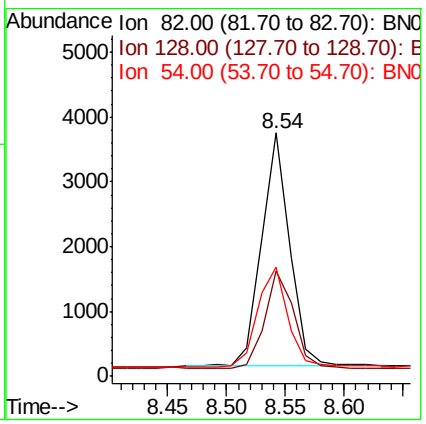


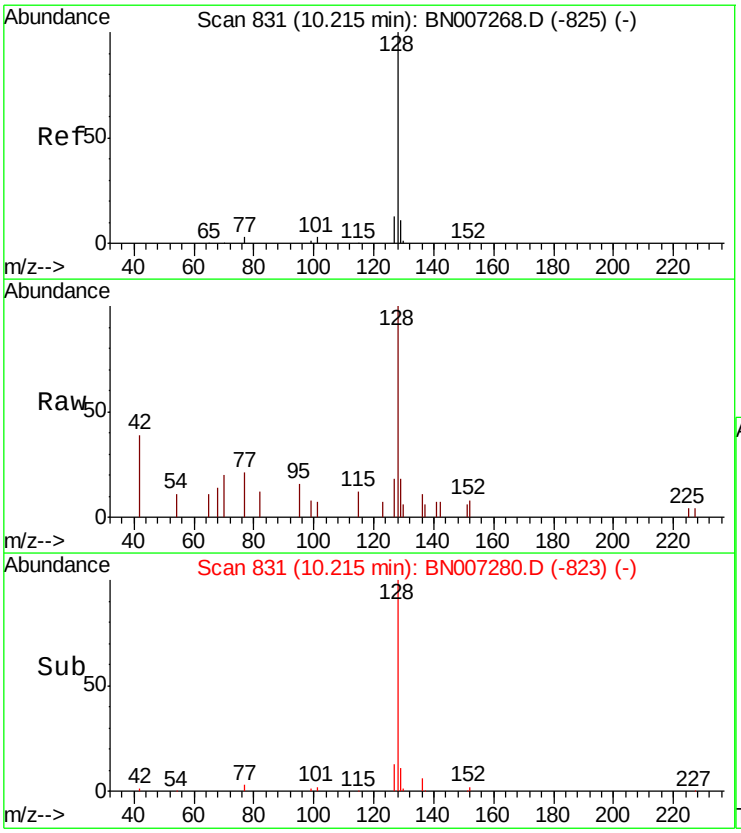
#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6022

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.6
54	44.8	34.7	52.1

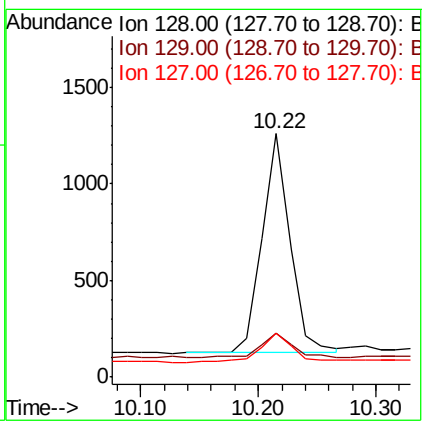


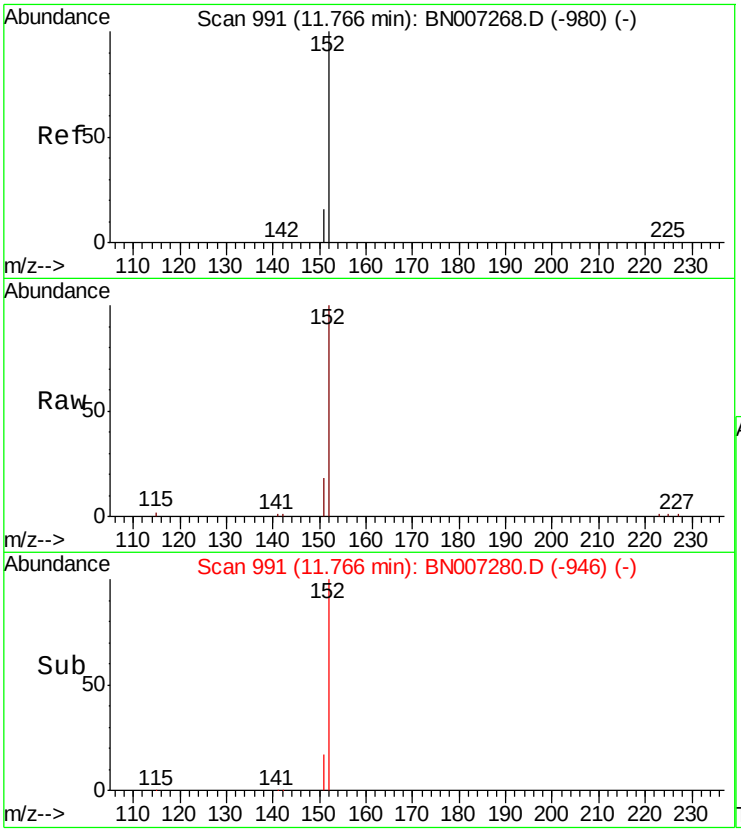


#9
Naphthalene
Concen: 0.030 ng
RT: 10.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:128 Resp: 1882

Ion	Ratio	Lower	Upper
128	100		
129	18.2	9.1	13.7#
127	18.0	10.6	16.0#



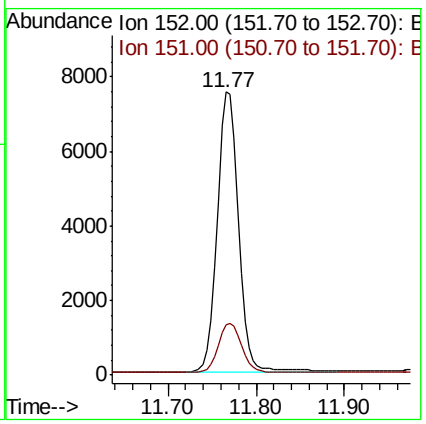


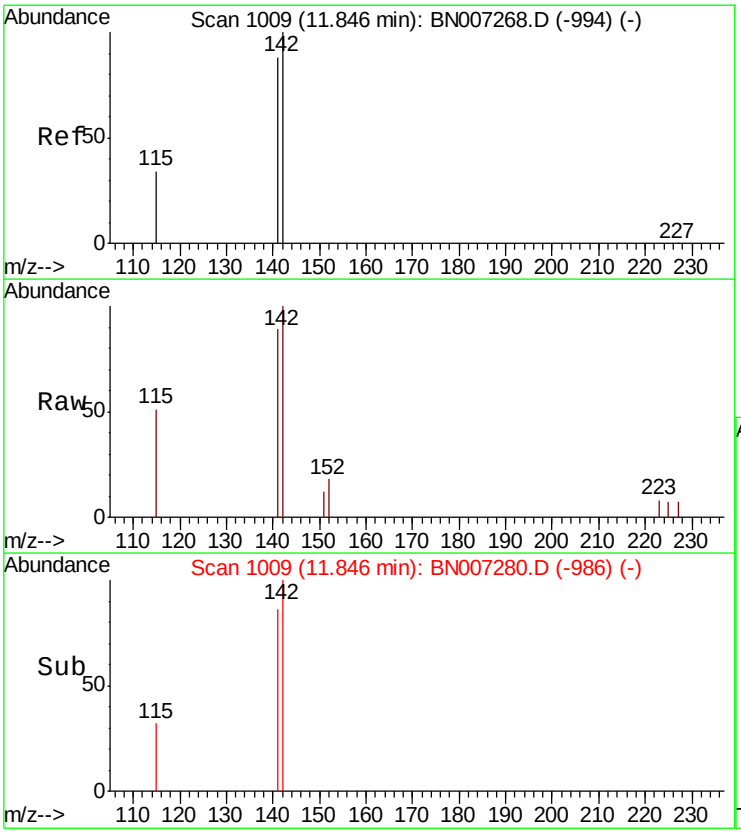
#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12860

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

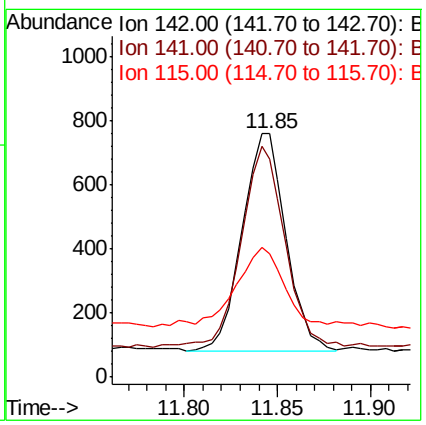


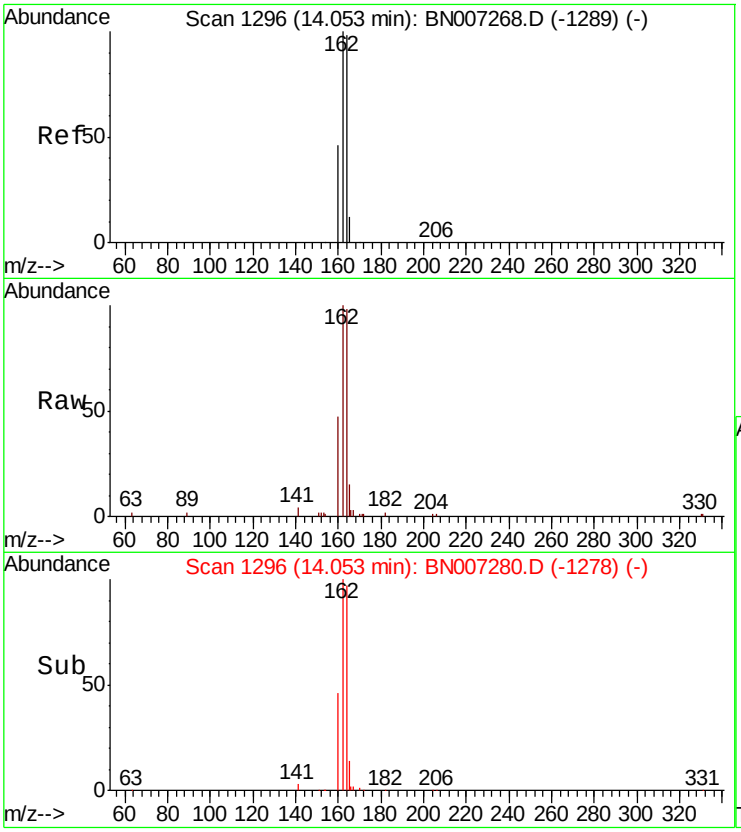


#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:142 Resp: 1112

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.7	106.1
115	50.9	28.1	42.1#



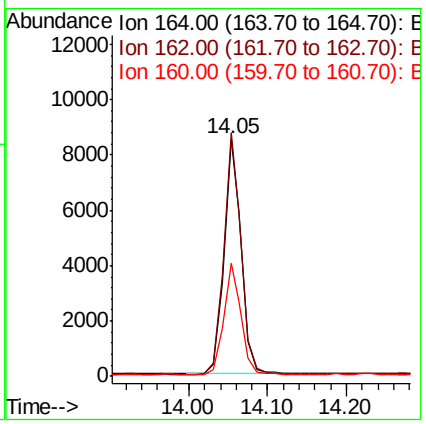


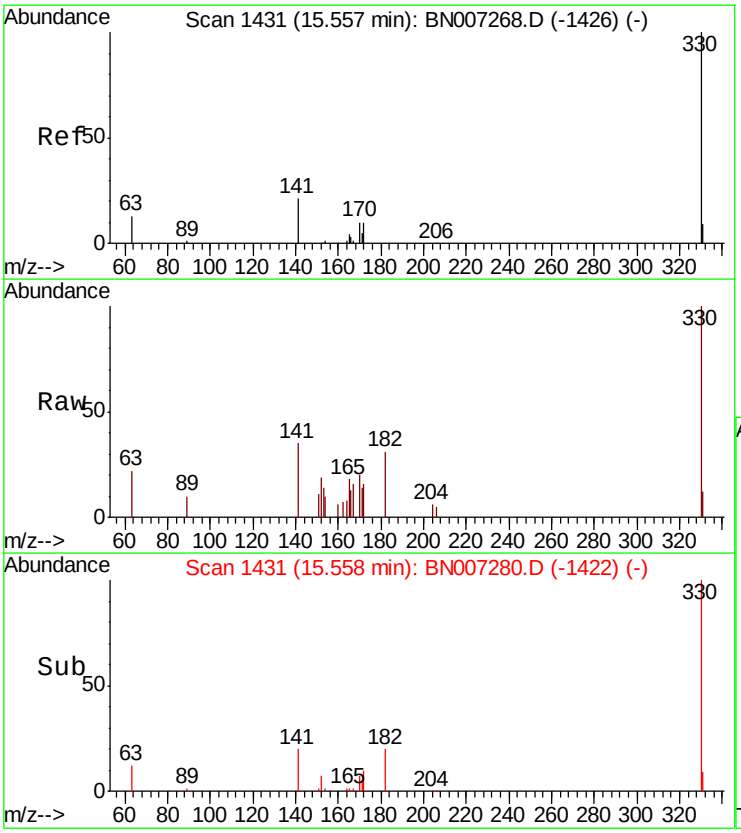
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 13069

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.0	123.0
160	47.6	38.2	57.4

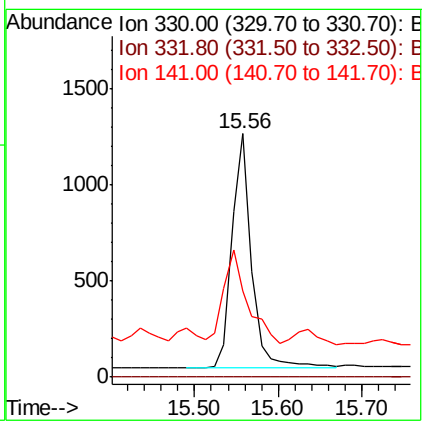


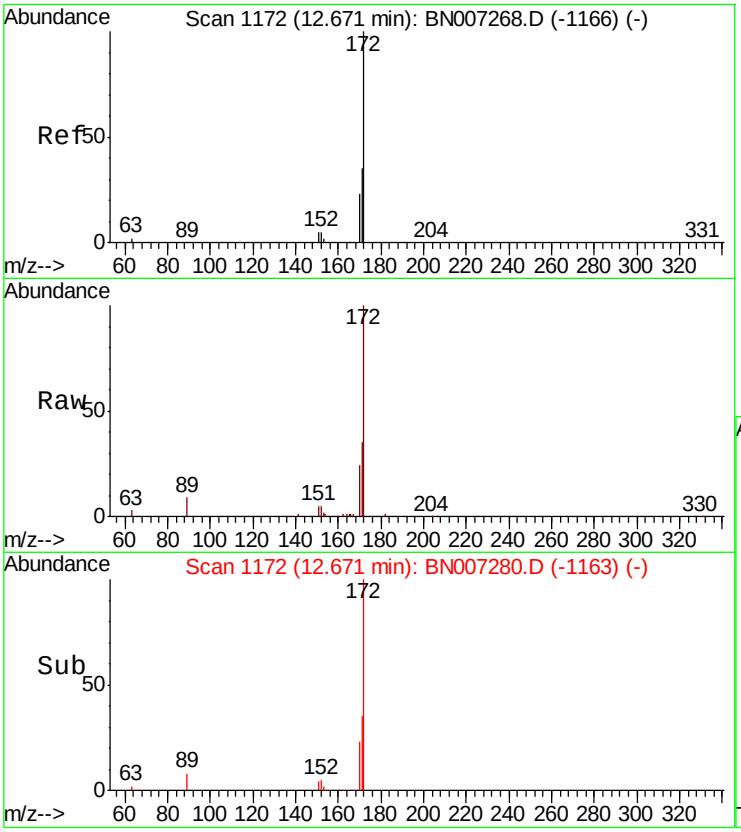


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:330 Resp: 1977

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.7	30.3	45.5#



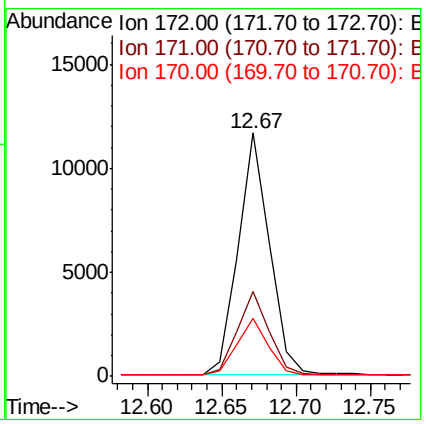


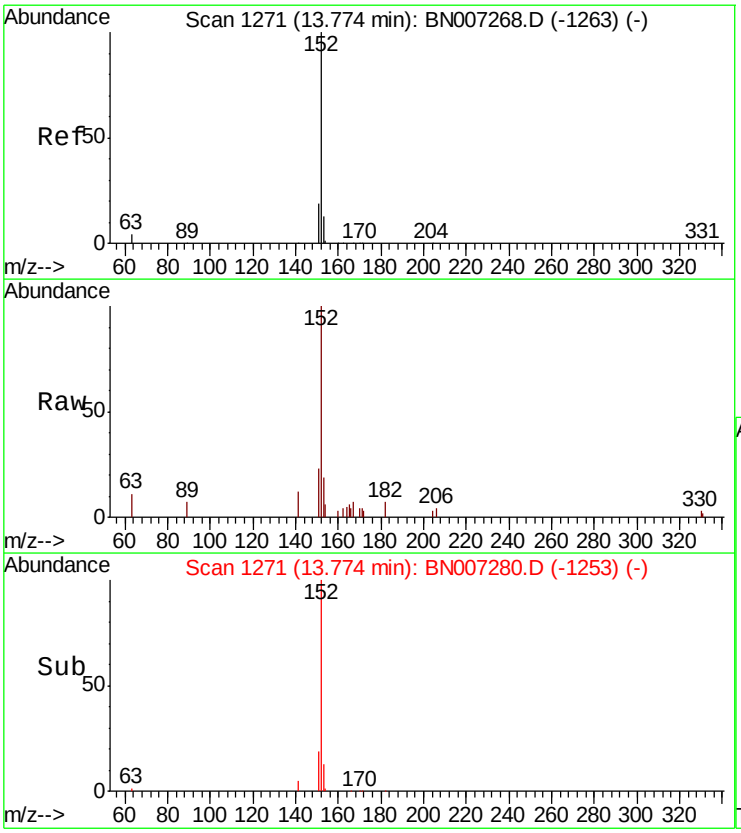
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 17166

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.6	18.7	28.1

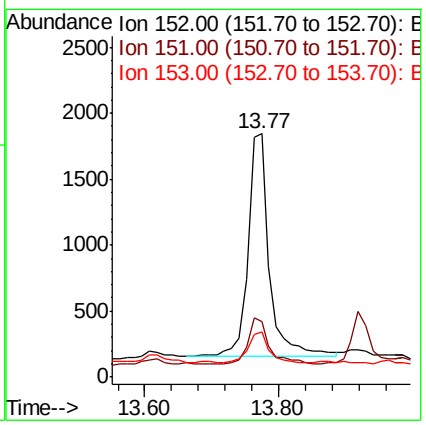


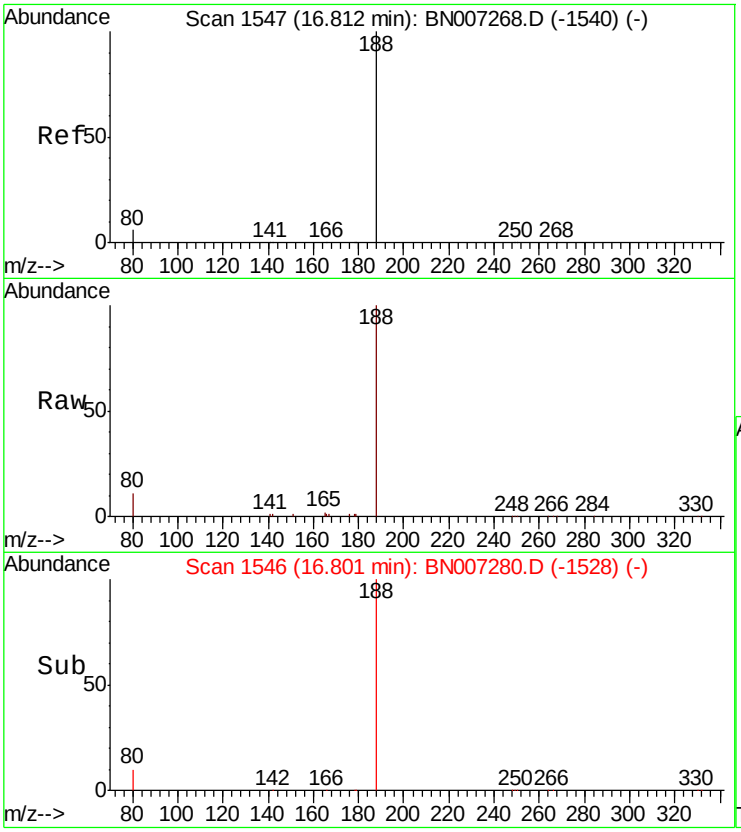


#16
Acenaphthylene
Concen: 0.054 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:152 Resp: 3773

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.4	23.2
153	13.8	10.1	15.1



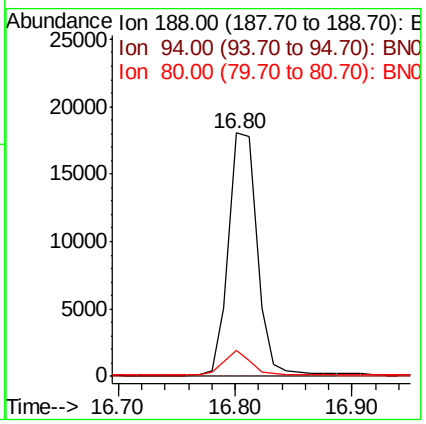


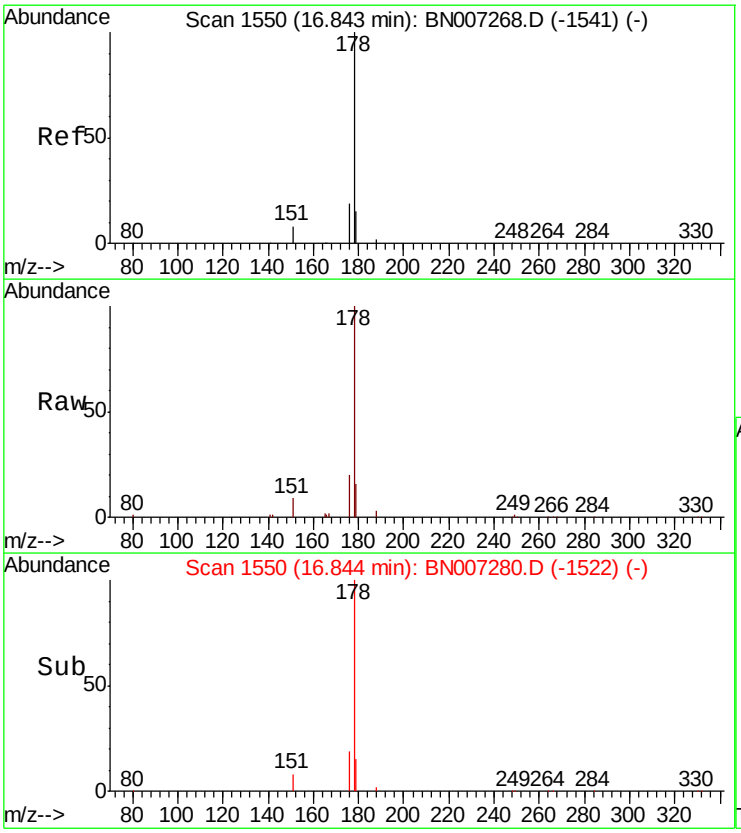
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 30507

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	5.2	7.8#

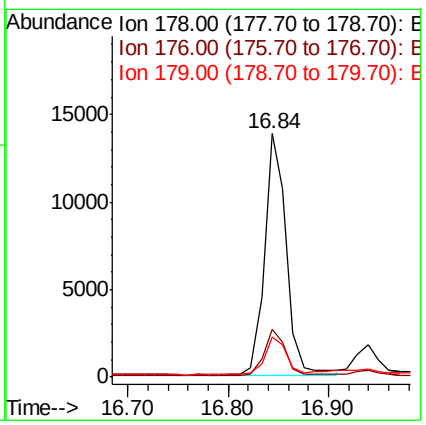


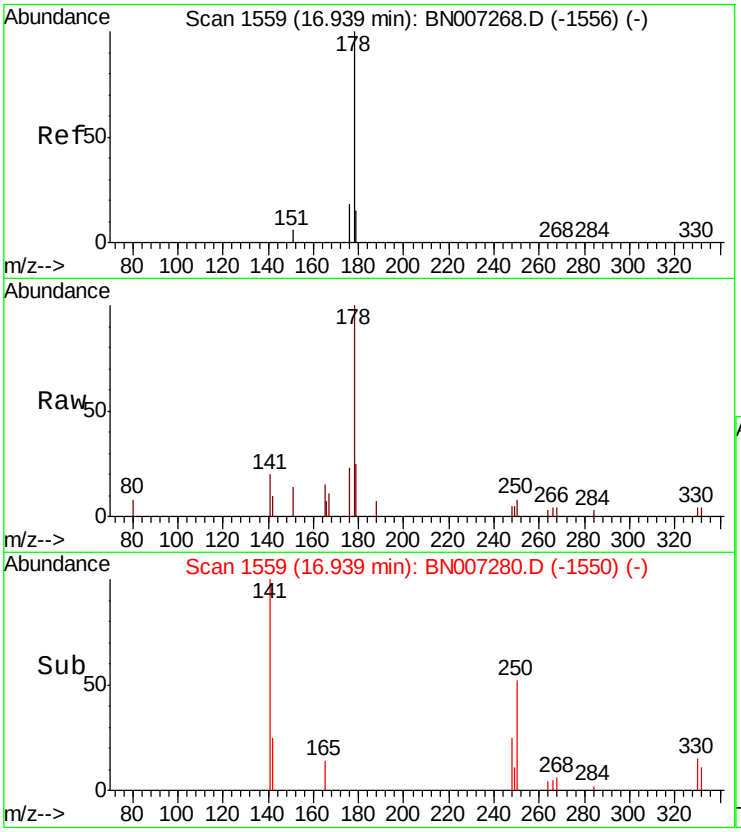


#23
Phenanthrene
Concen: 0.220 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:178 Resp: 21025

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.6	12.3	18.5



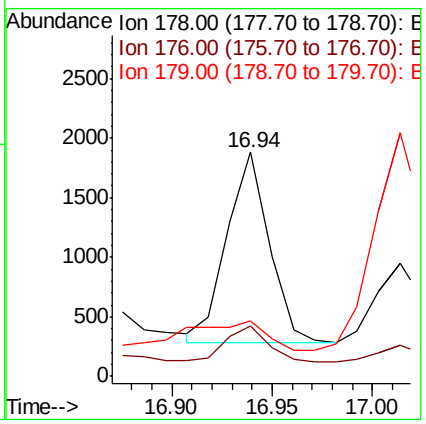


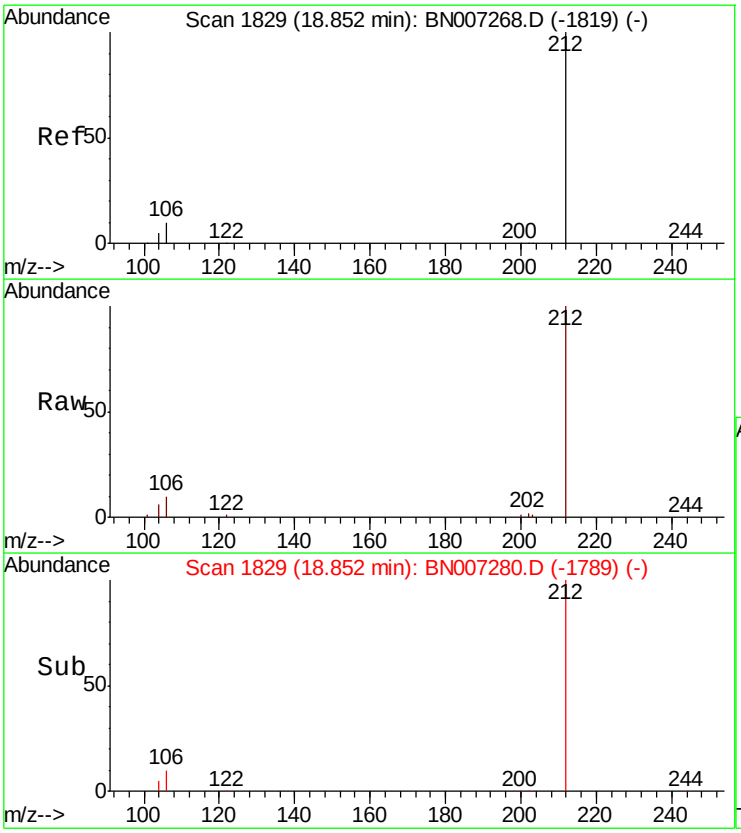
#24
Anthracene
Concen: 0.027 ng
RT: 16.94 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2333

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.3	21.5
179	28.0	12.3	18.5#

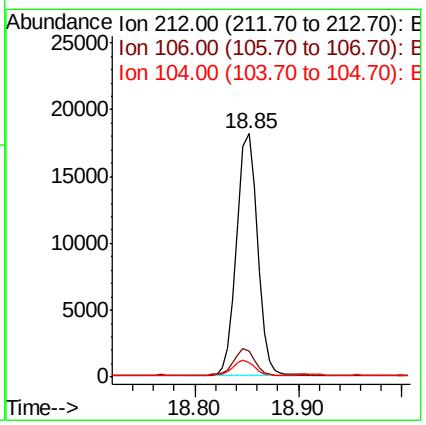


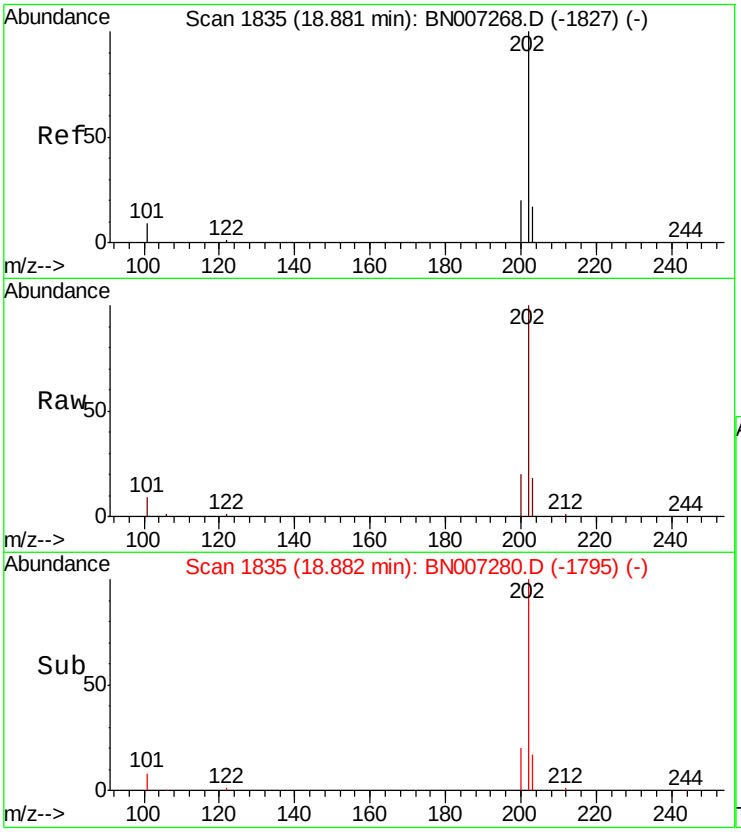


#25
Fluoranthene-d10
Concen: 0.254 ng
RT: 18.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:212 Resp: 24547

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.2	12.4
104	6.2	4.7	7.1



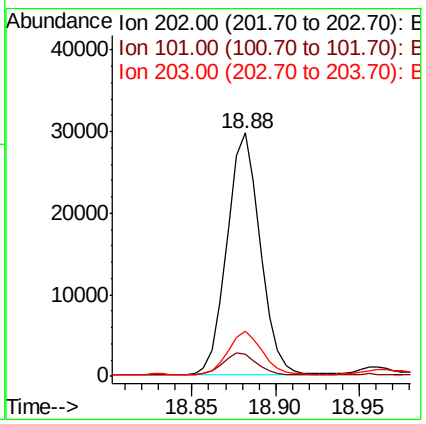


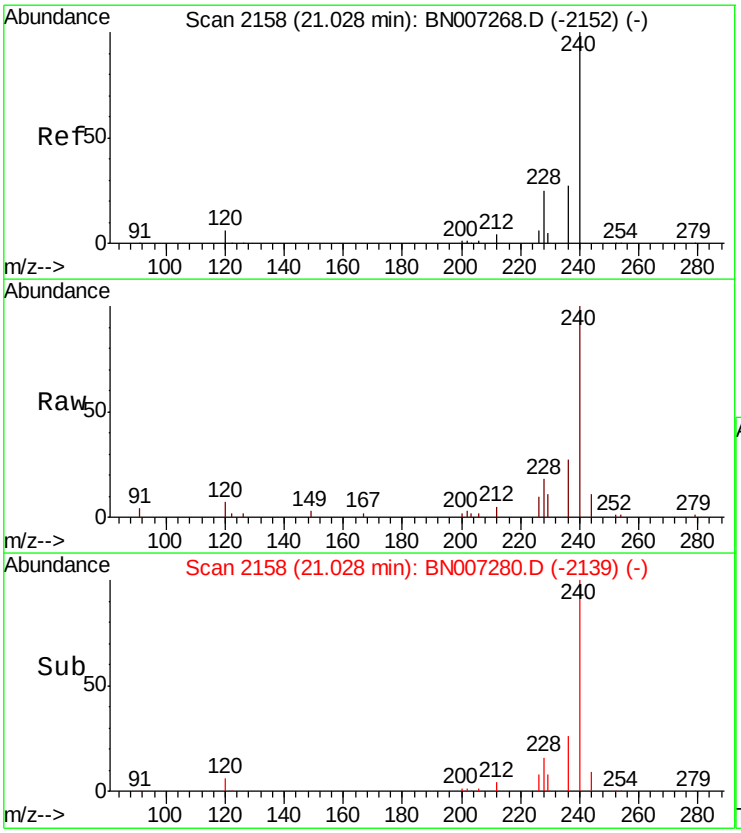
#26
Fluoranthene
Concen: 0.353 ng
RT: 18.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 40926

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.2	10.8
203	18.2	13.8	20.6

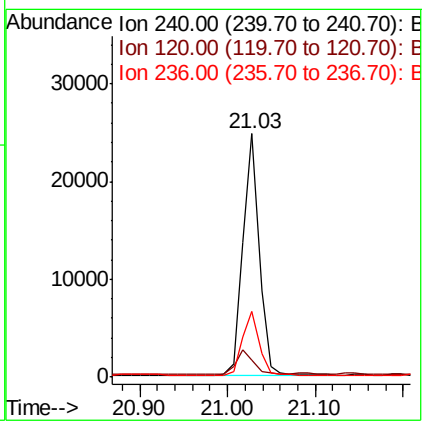


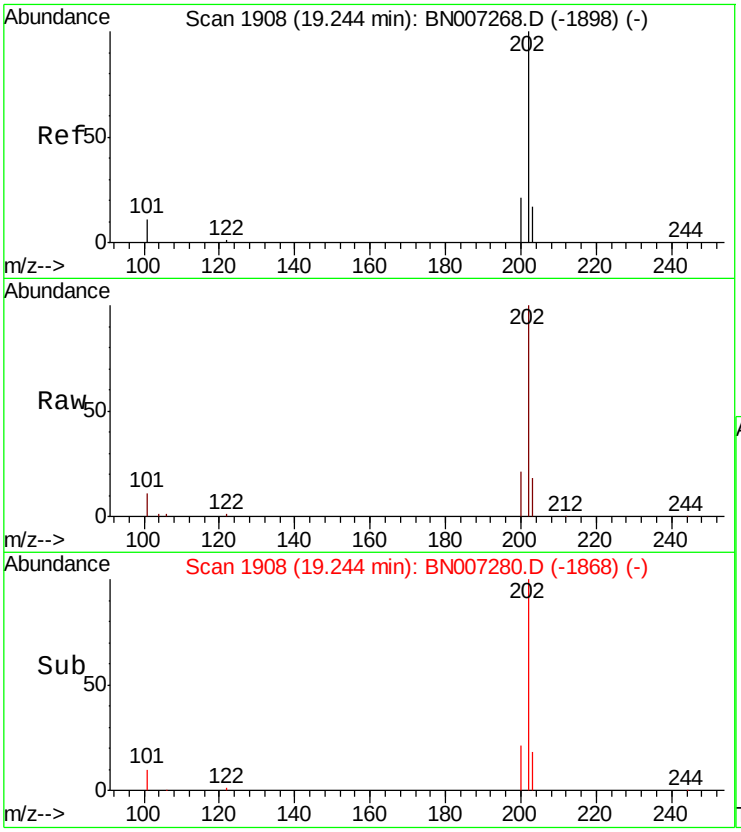


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:240 Resp: 31638

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.6	8.4
236	26.8	21.6	32.4



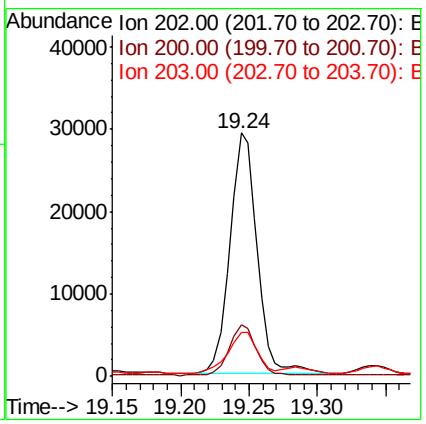


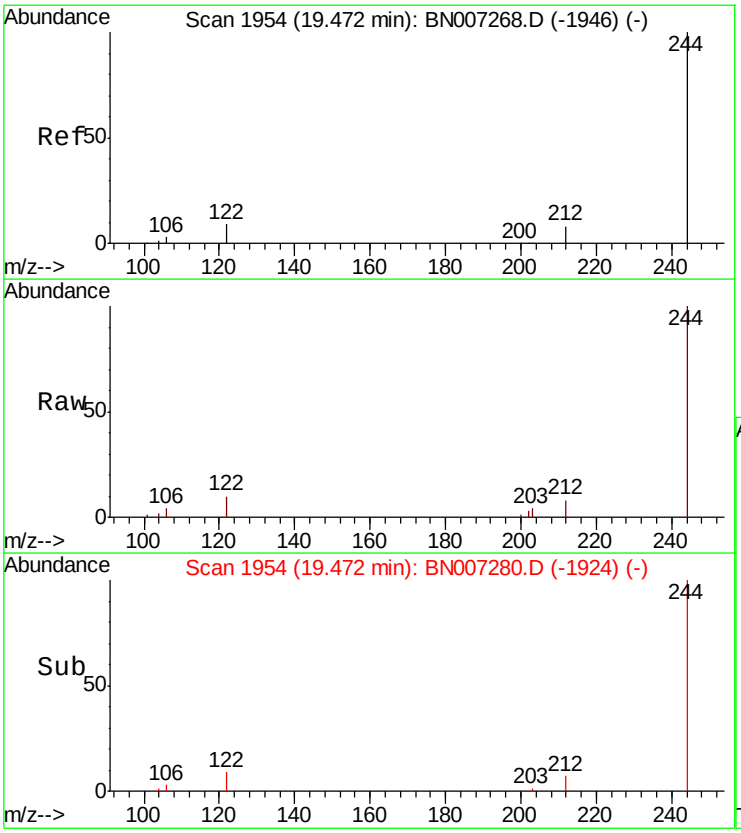
#28
Pyrene
Concen: 0.342 ng
RT: 19.24 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 40460

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	19.0	13.9	20.9

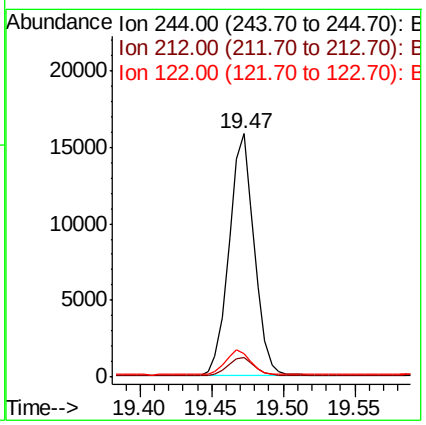


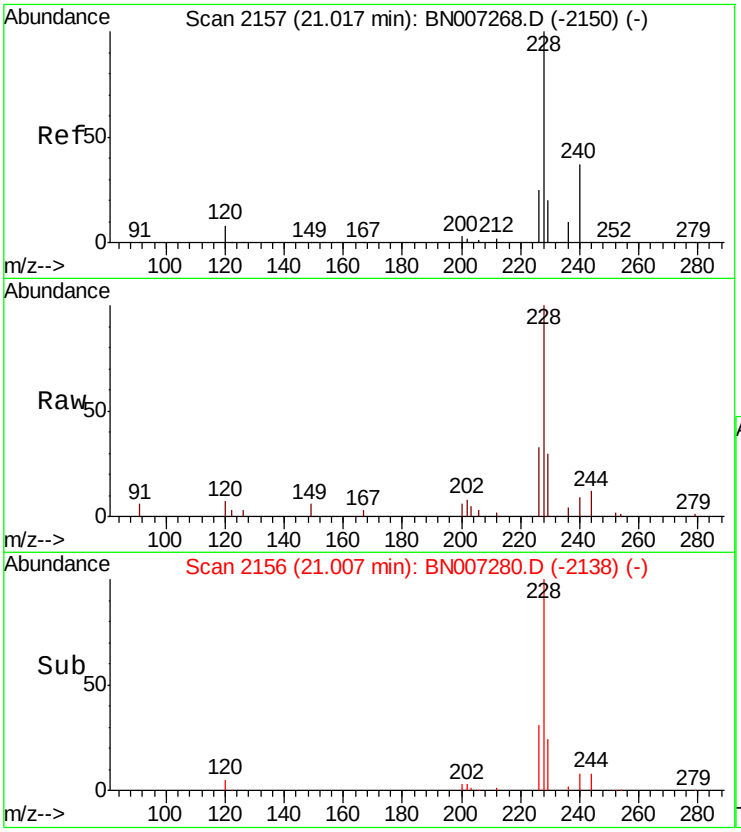


#29
Terphenyl-d14
Concen: 0.244 ng
RT: 19.47 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:244 Resp: 19344

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	9.7	7.9	11.9



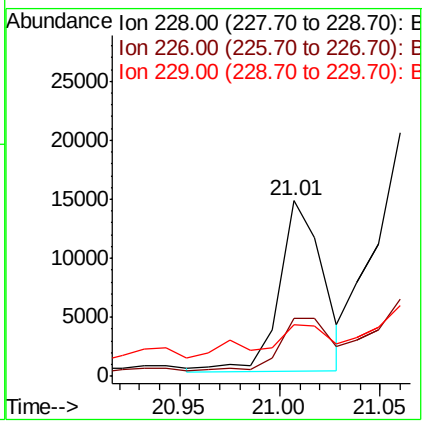


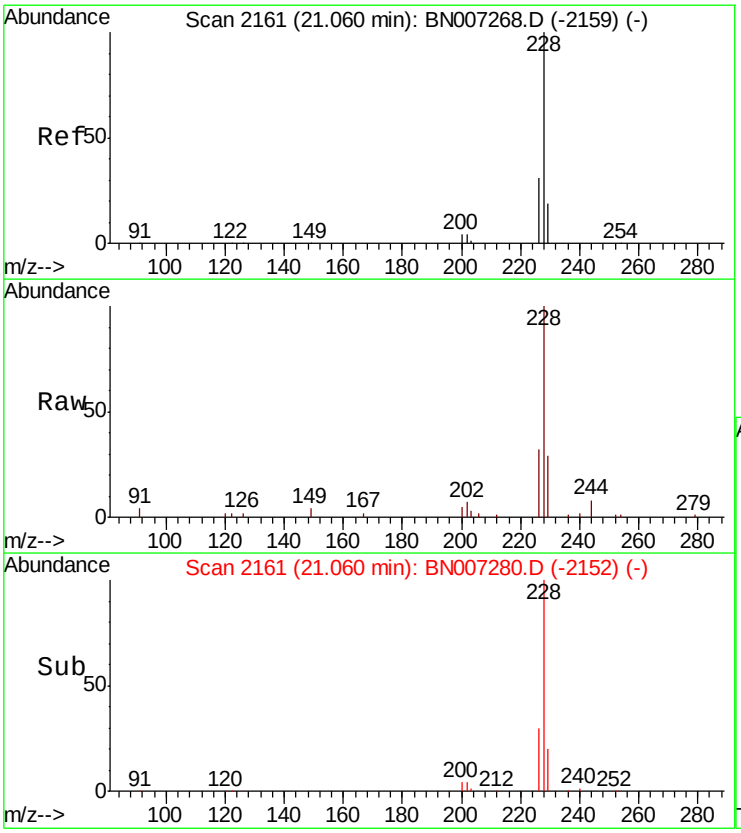
#30
Benzo(a)anthracene
Concen: 0.187 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 22029

Ion	Ratio	Lower	Upper
228	100		
226	33.1	20.6	30.8#
229	29.5	16.9	25.3#

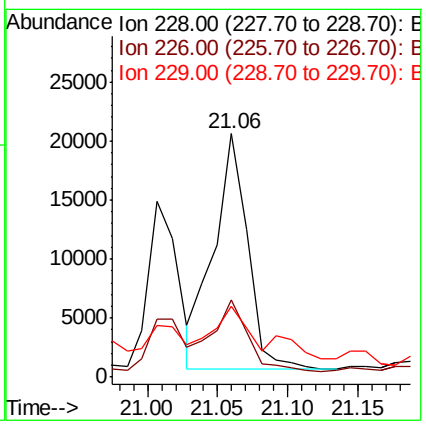


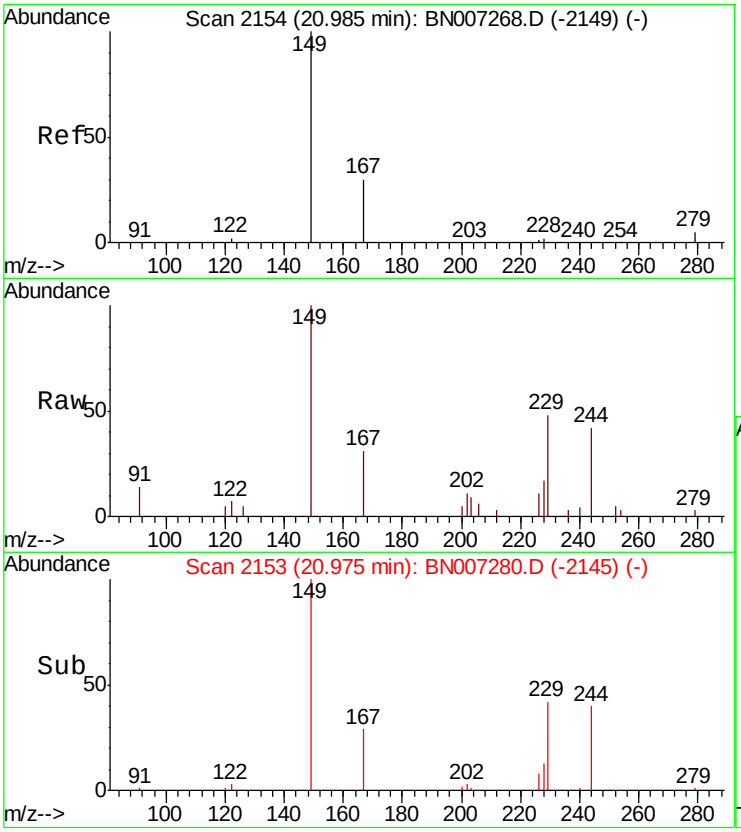


#31
Chrysene
Concen: 0.281 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:228 Resp: 33746

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	36.8
229	29.0	15.6	23.4#



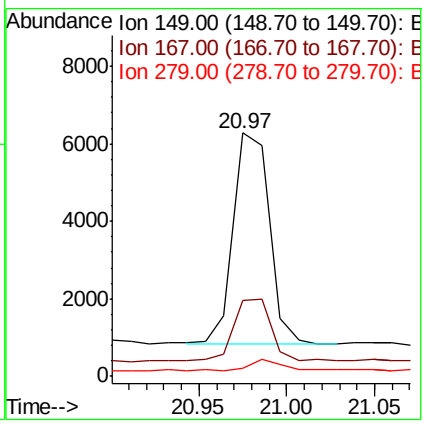


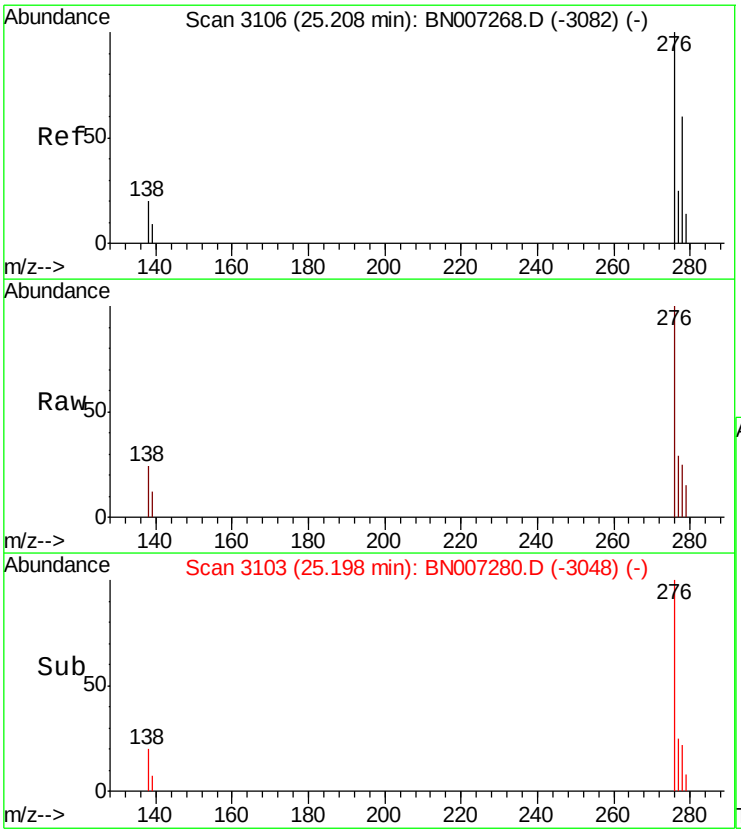
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 20.97 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 7756

Ion	Ratio	Lower	Upper
149	100		
167	31.1	23.8	35.6
279	4.5	3.8	5.8

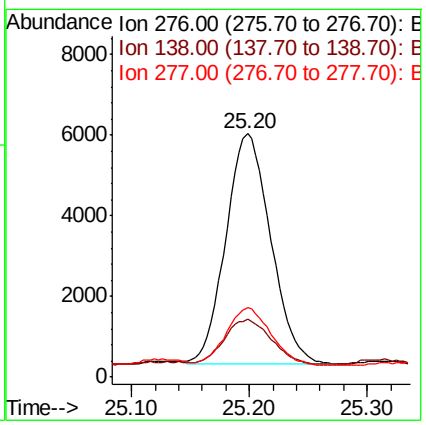


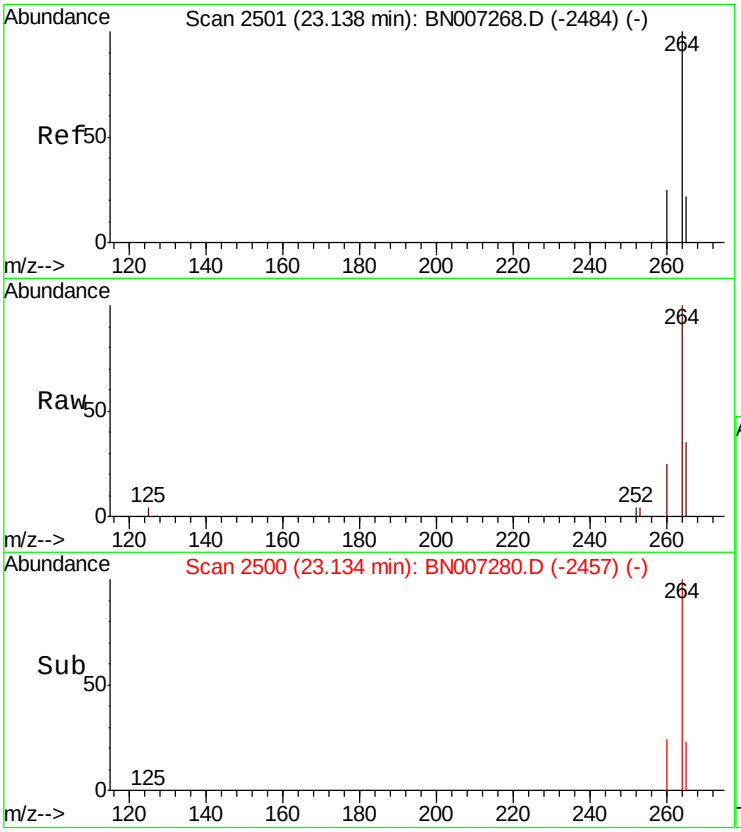


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng
RT: 25.20 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:276 Resp: 15122

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.1	25.7
277	25.3	20.1	30.1



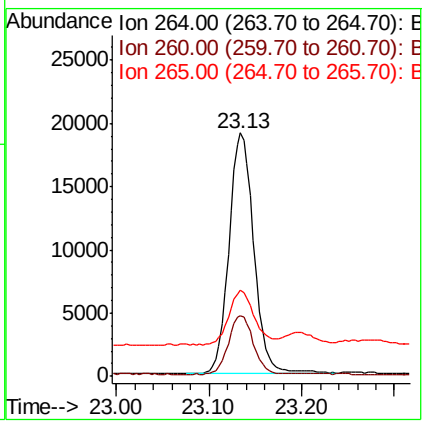


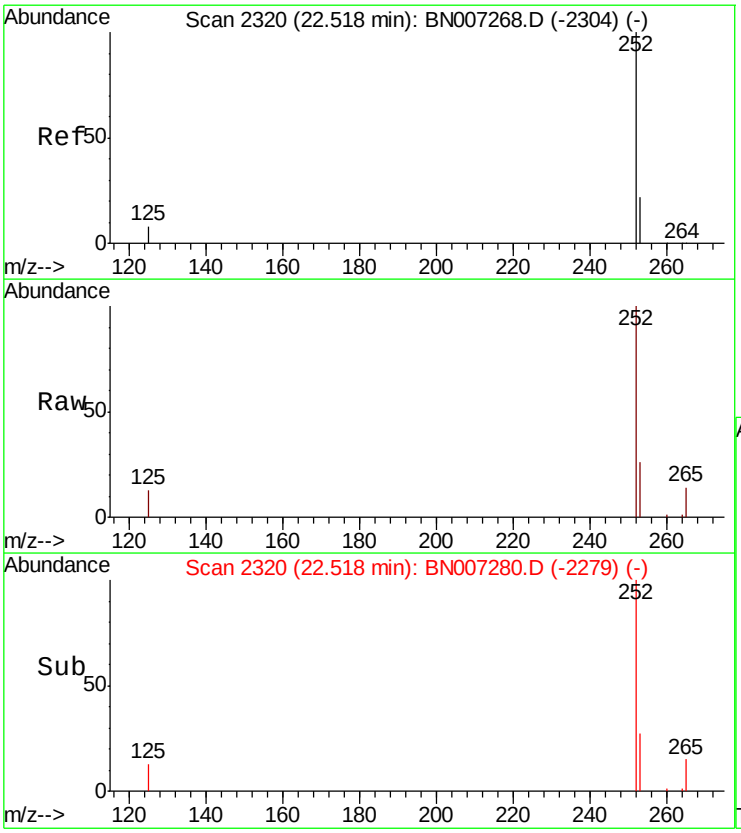
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 35714

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	35.2	29.0	43.6

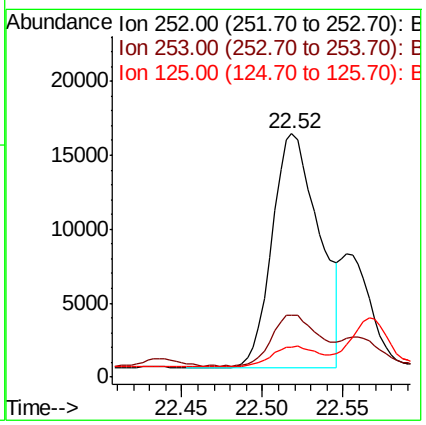


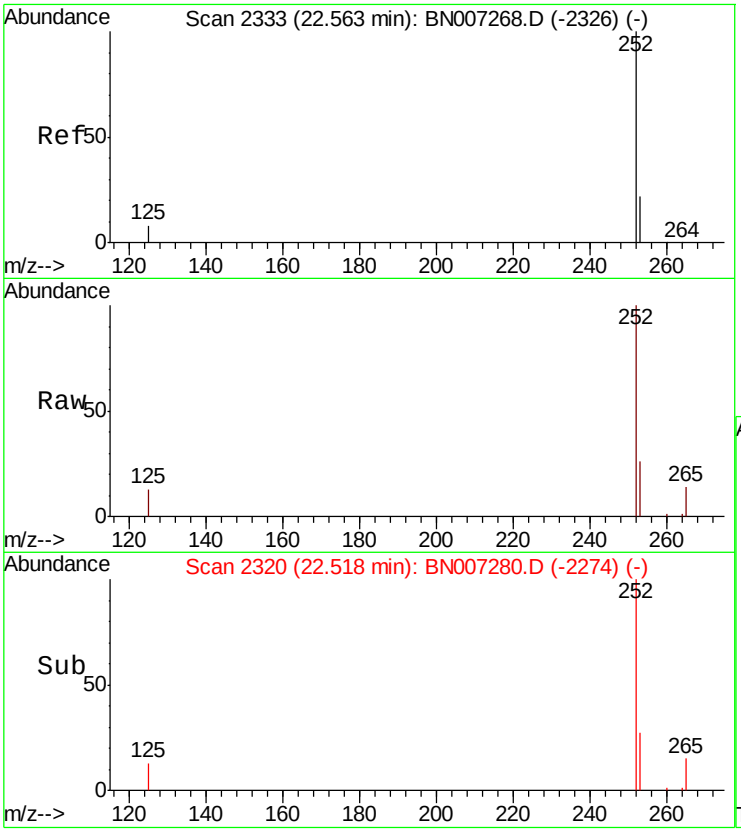


#35
Benzo(b)fluoranthene
Concen: 0.241 ng
RT: 22.52 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:252 Resp: 32104

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.5	27.7
125	12.5	7.8	11.6#



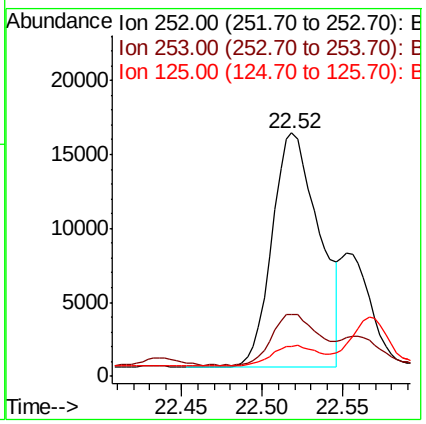


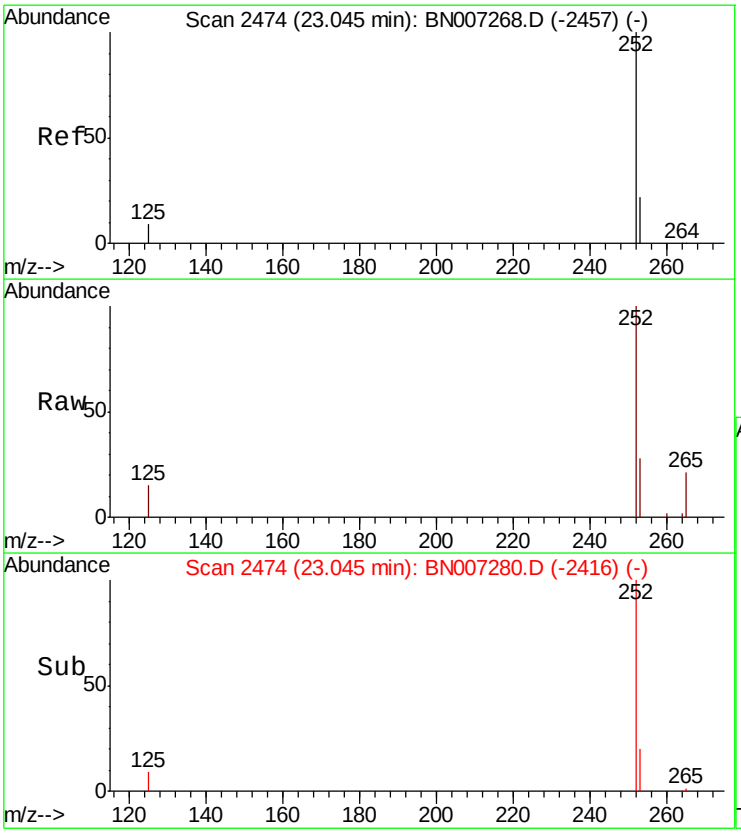
#36
Benzo(k)fluoranthene
Concen: 0.246 ng
RT: 22.52 min Scan# 2320
Delta R.T. -0.04 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32104

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.4	27.6
125	12.5	8.0	12.0#

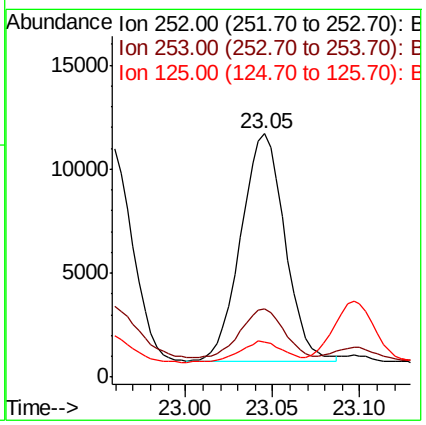


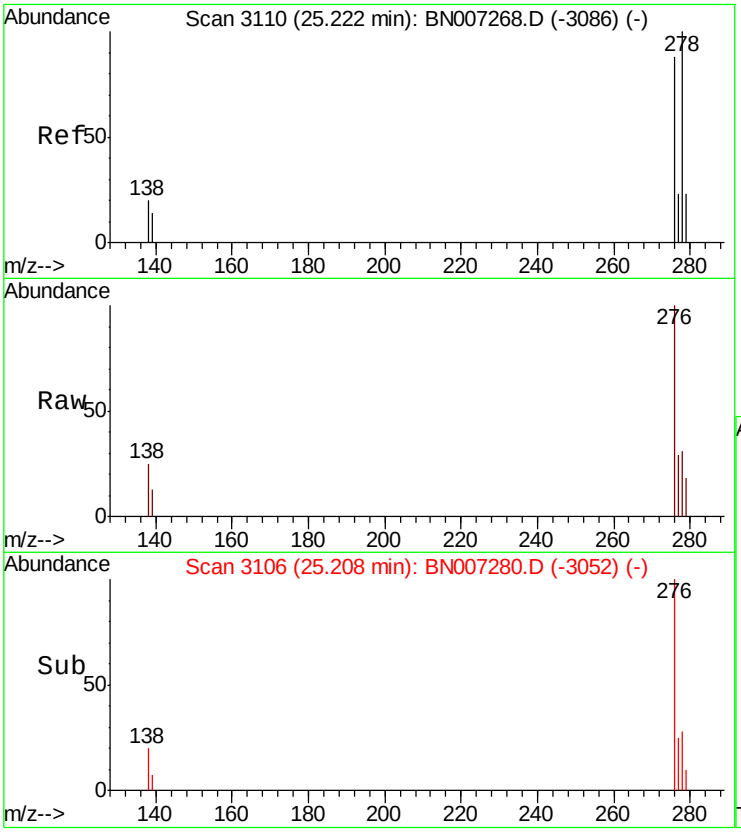


#37
Benzo(a)pyrene
Concen: 0.160 ng
RT: 23.05 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:252 Resp: 19146

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.7	28.1#
125	14.6	8.7	13.1#



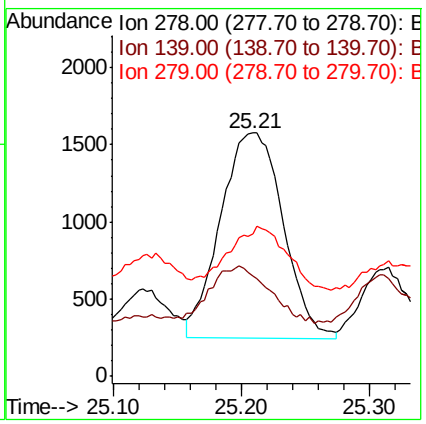


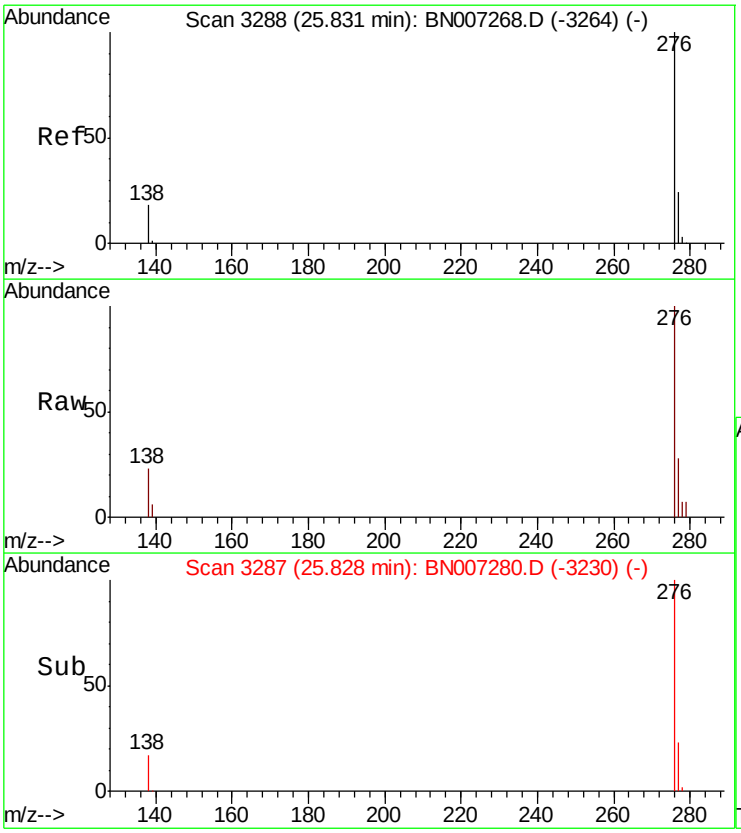
#38
Dibenzo(a,h)anthracene
Concen: 0.036 ng
RT: 25.21 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 4524

Ion	Ratio	Lower	Upper
278	100		
139	41.3	11.8	17.8#
279	58.6	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 0.123 ng
RT: 25.83 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN007280.D
Acq: 21 Aug 2019 05:27

Tgt Ion:276 Resp: 15701

Ion	Ratio	Lower	Upper
276	100		
277	27.6	19.5	29.3
138	22.6	15.3	22.9