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

Quantitation Report (Not Reviewed)

Data File : BN007228.D
Acq On : 16 Aug 2019 18:12
Operator : HP/JU
Sample : K4282-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-010-B225-080819

Quant Time: Aug 17 00:59:25 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	7238	0.40	ng		-0.02
6) Naphthalene-d8	10.17	136	27934	0.40	ng		-0.01
12) Acenaphthene-d10	14.06	164	15799	0.40	ng		-0.01
18) Phenanthrene-d10	16.81	188	36630	0.40	ng		-0.01
26) Chrysene-d12	21.03	240	36200	0.40	ng		-0.02
32) Perylene-d12	23.15	264	39423	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	5363	0.31	ng		0.00
4) Phenol-d6	6.61	99	7170	0.33	ng		0.00
7) Nitrobenzene-d5	8.55	82	5733	0.25	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	11119	0.21	ng		-0.01
13) 2,4,6-Tribromophenol	15.57	330	1466	0.17	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	896	0.04	ng		0.00
24) Fluoranthene-d10	18.86	212	22706	0.17	ng		-0.01
28) Terphenyl-d14	19.48	244	15927	0.16	ng		-0.02
Target Compounds							Qvalue
8) Naphthalene	10.22	128	3639	0.046	ng	#	92
15) Acenaphthylene	13.78	152	18350	0.222	ng		97
16) Acenaphthene	14.13	154	1568	0.030	ng		87
17) Fluorene	15.12	166	3480	0.044	ng	#	72
22) Phenanthrene	16.86	178	29731	0.271	ng		99
23) Anthracene	16.95	178	9099	0.091	ng	#	95
25) Fluoranthene	18.89	202	119673	0.852	ng		100
27) Pyrene	19.25	202	119109	0.938	ng		96
29) Benzo(a)anthracene	21.02	228	89280	0.674	ng	#	82
30) Chrysene	21.07	228	72855	0.566	ng		94
31) Indeno(1,2,3-cd)pyrene	25.22	276	52702	0.372	ng		99
33) Benzo(b)fluoranthene	22.53	252	105586	0.781	ng		97
34) Benzo(k)fluoranthene	22.53	252	105586	0.791	ng		97
35) Benzo(a)pyrene	23.05	252	72632	0.593	ng		97
36) Dibenzo(a,h)anthracene	25.22	278	14743	0.121	ng	#	74
37) Benzo(g,h,i)perylene	25.85	276	47945	0.381	ng		96

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

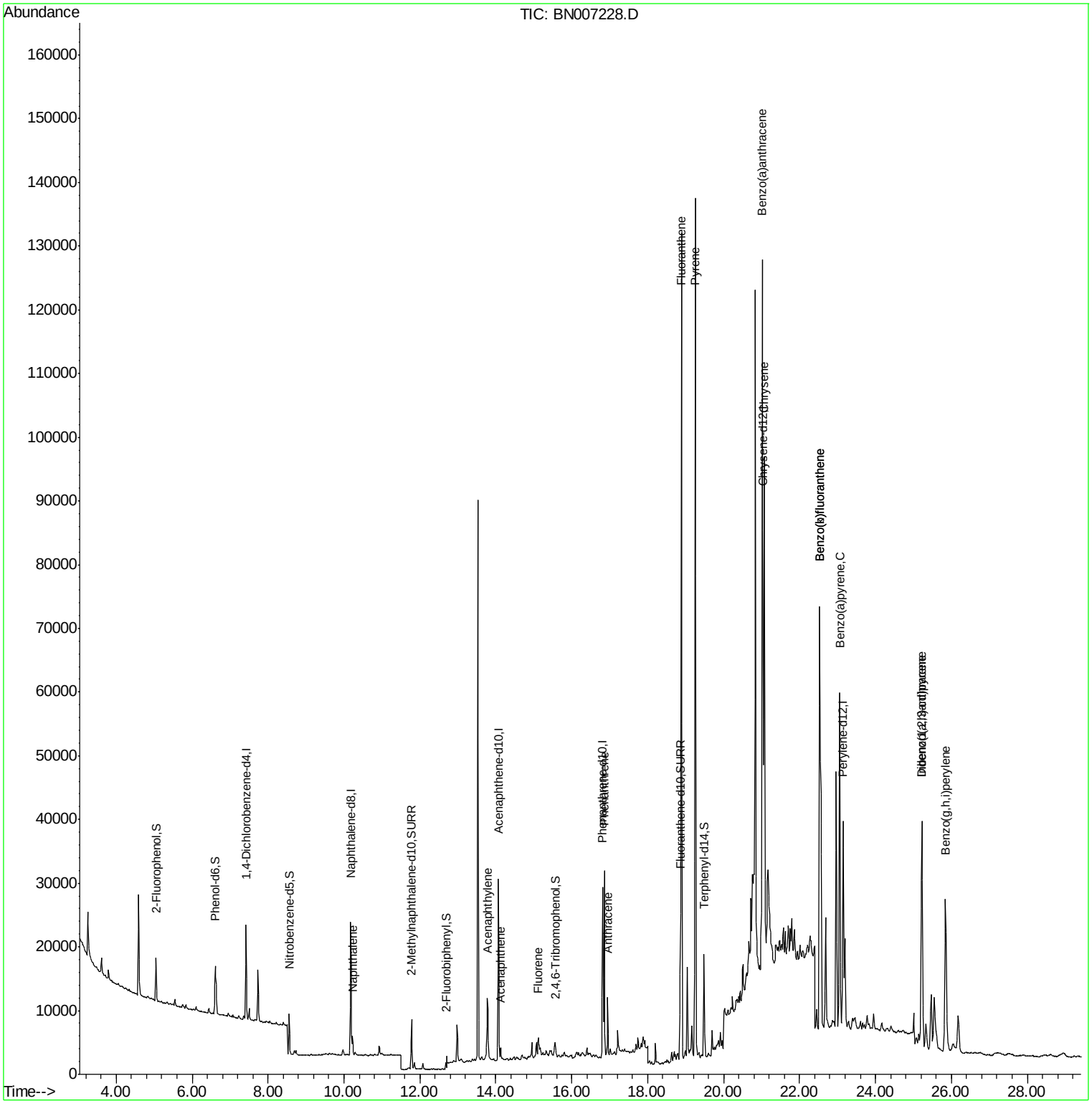
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081619\

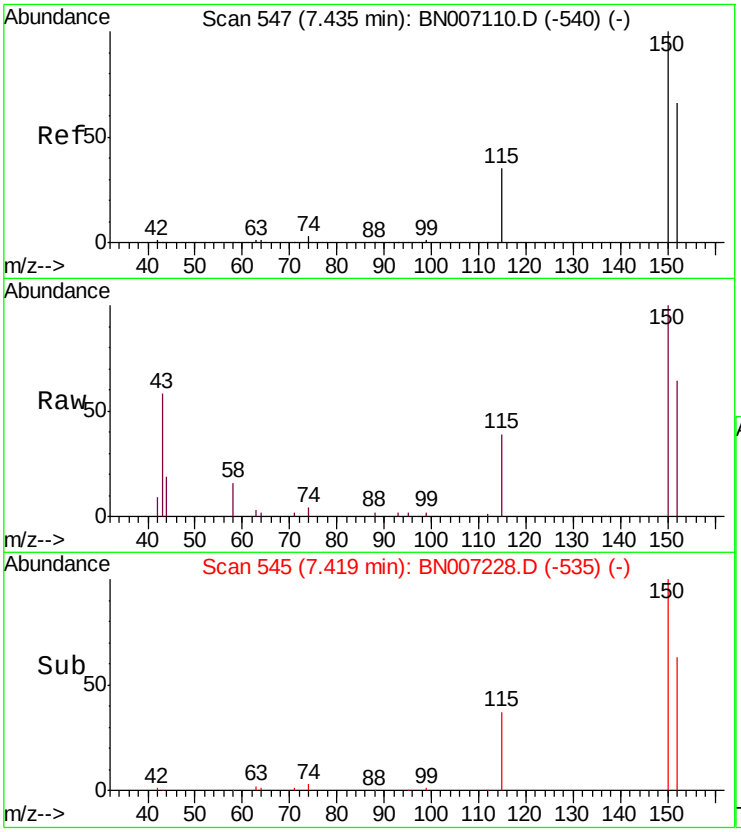
Quantitation Report (Not Reviewed)

Data File : BN007228.D
Acq On : 16 Aug 2019 18:12
Operator : HP/JU
Sample : K4282-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Quant Time: Aug 17 00:59:25 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



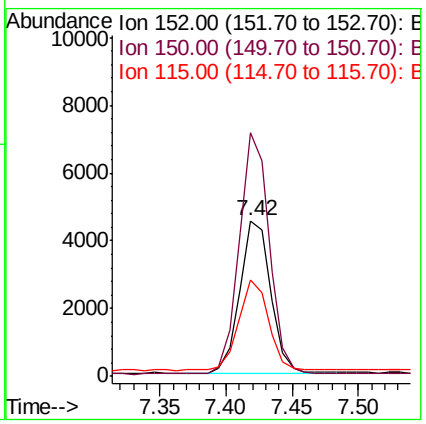


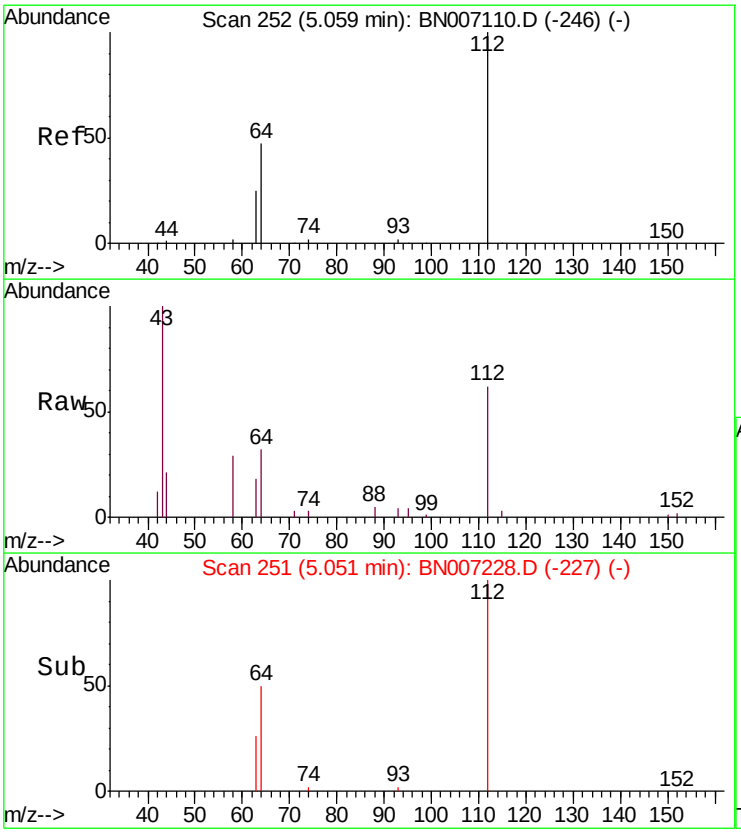
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:152 Resp: 7238

Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.7	182.5
115	61.6	46.2	69.4

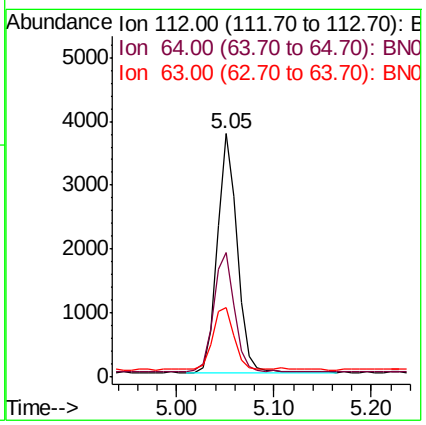


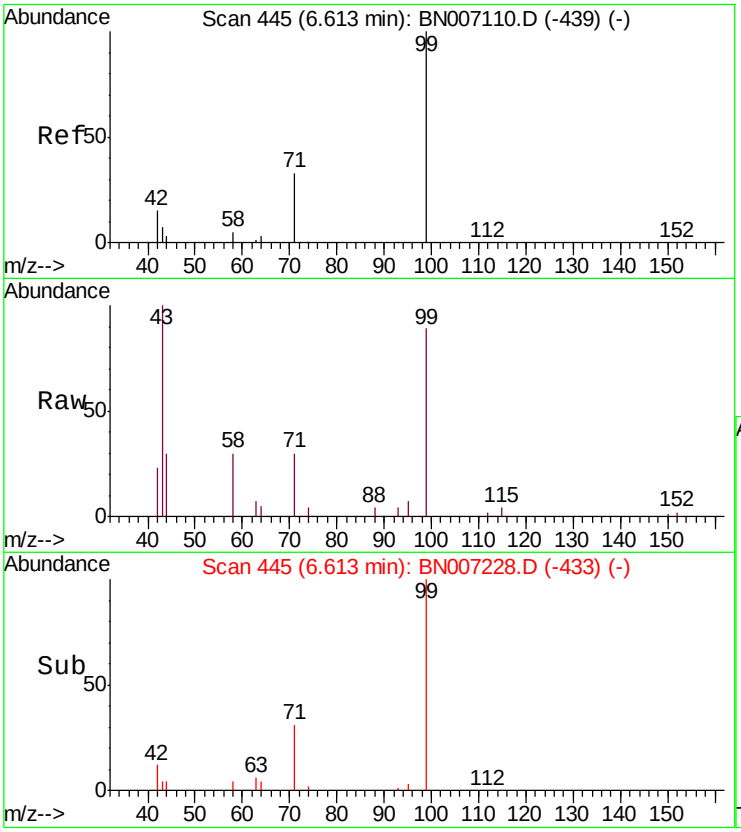


#3
2-Fluorophenol
Concen: 0.308 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:112 Resp: 5363

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.6	63.8
63	27.9	22.2	33.2



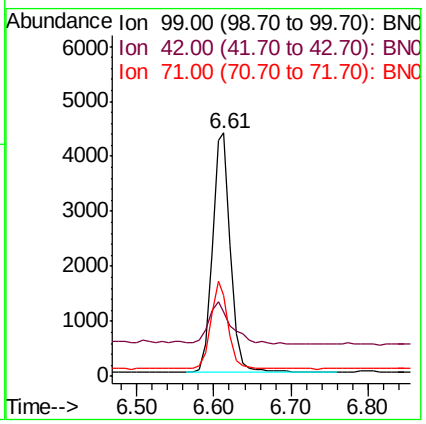


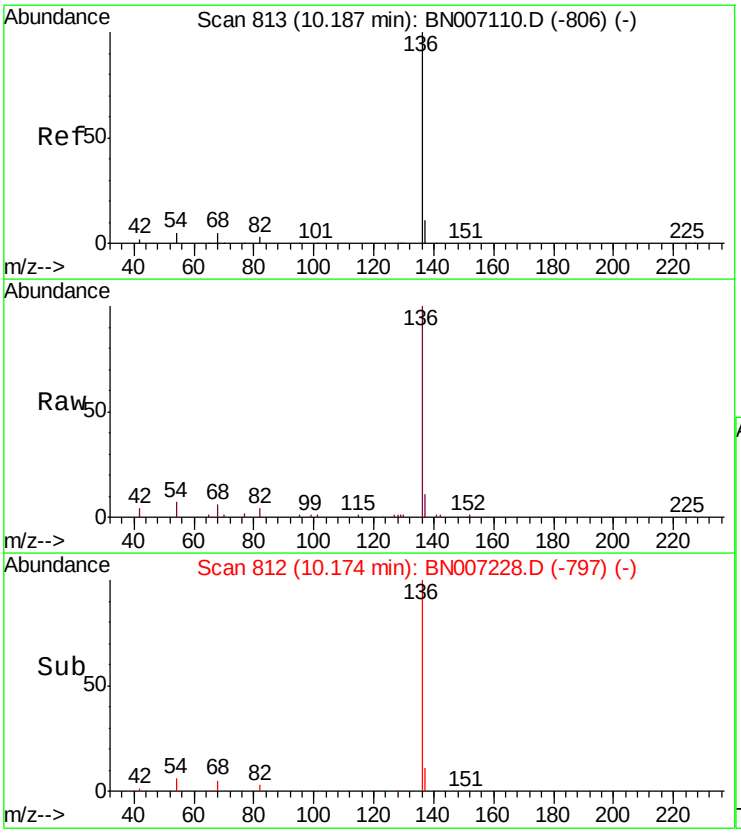
#4
Phenol-d6
Concen: 0.333 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion: 99 Resp: 7170

Ion	Ratio	Lower	Upper
99	100		
42	21.7	15.8	23.6
71	35.2	27.0	40.4

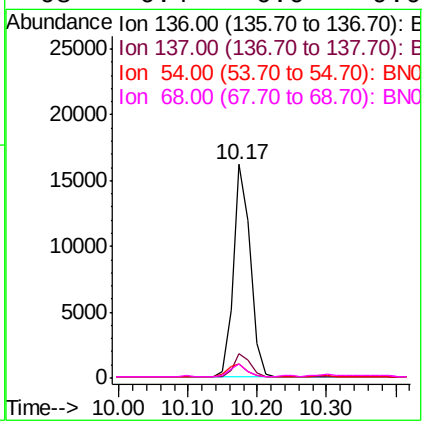


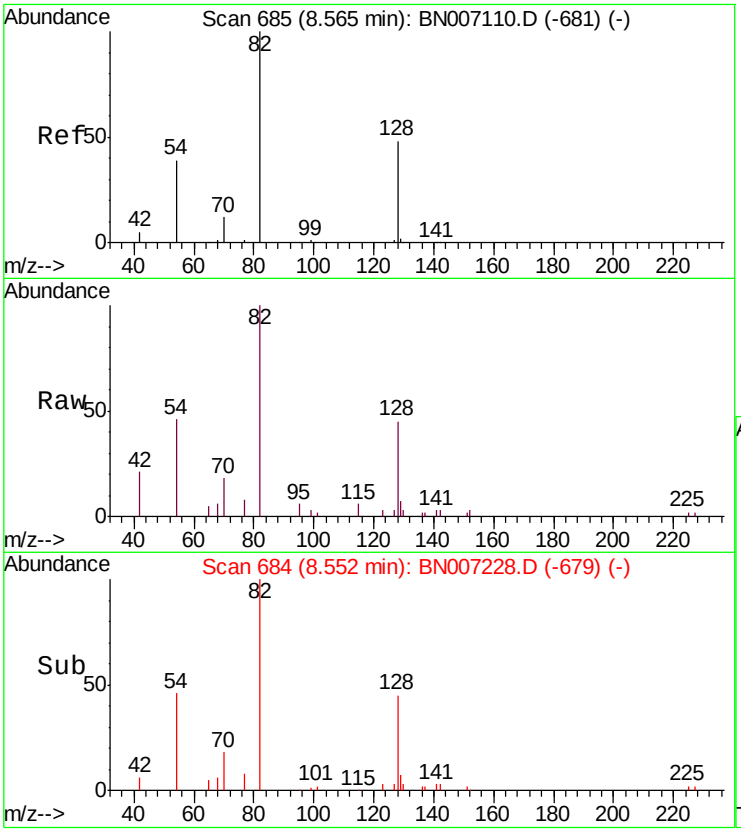


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:136 Resp: 27934

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	6.9	6.6	9.8
68	6.4	6.0	9.0



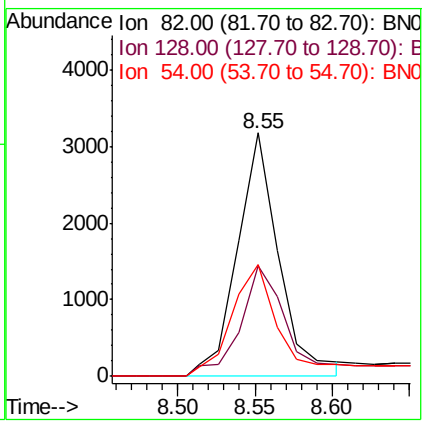


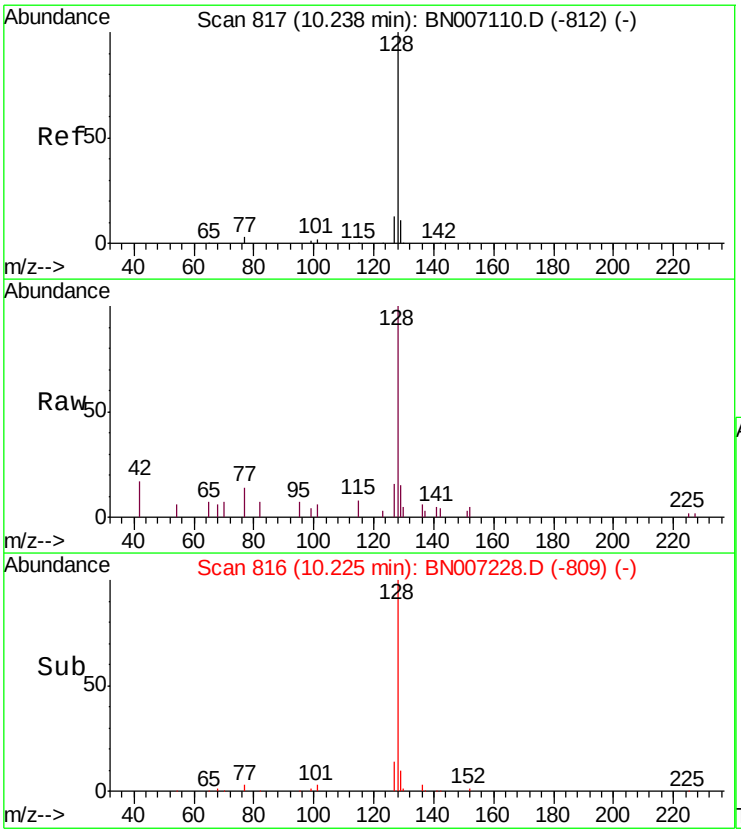
#7
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion: 82 Resp: 5733

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	45.9	36.2	54.4

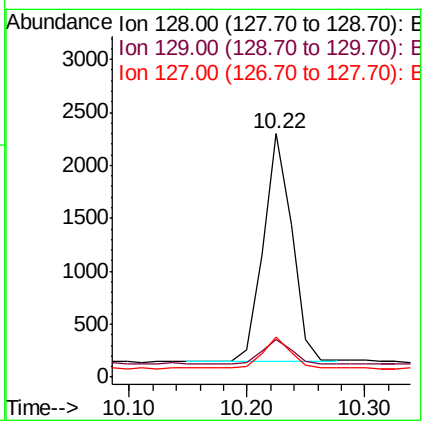


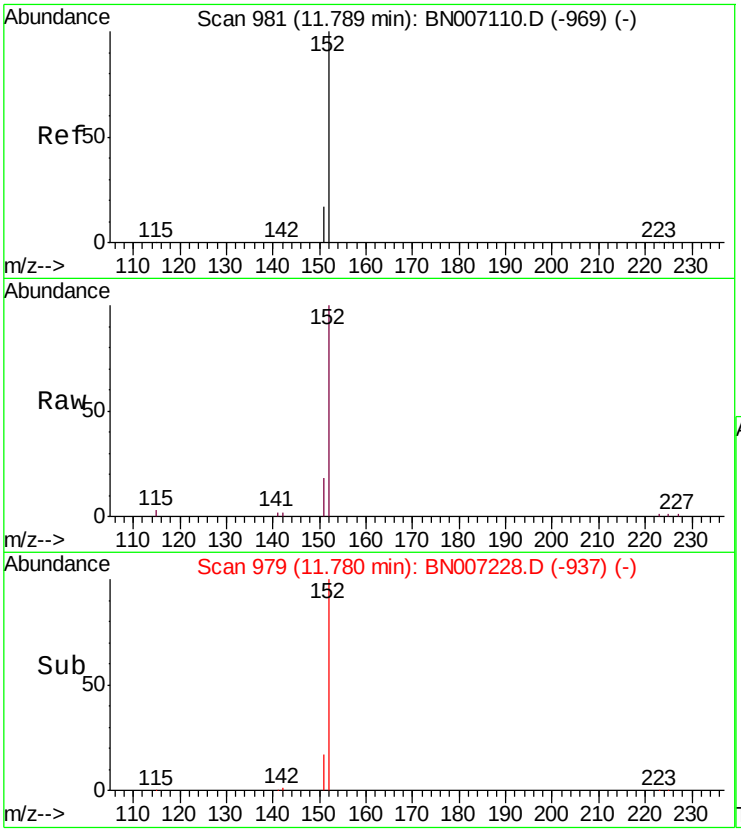


#8
Naphthalene
Concen: 0.046 ng
RT: 10.22 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:128 Resp: 3639

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.4	14.2#
127	16.4	11.0	16.6



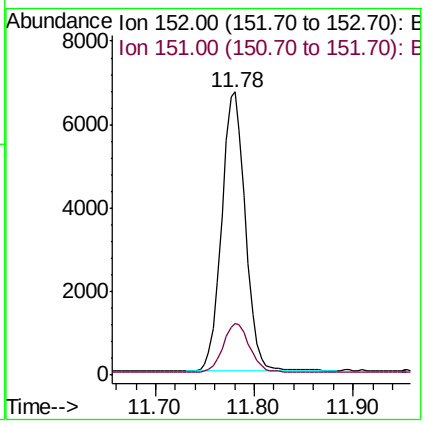


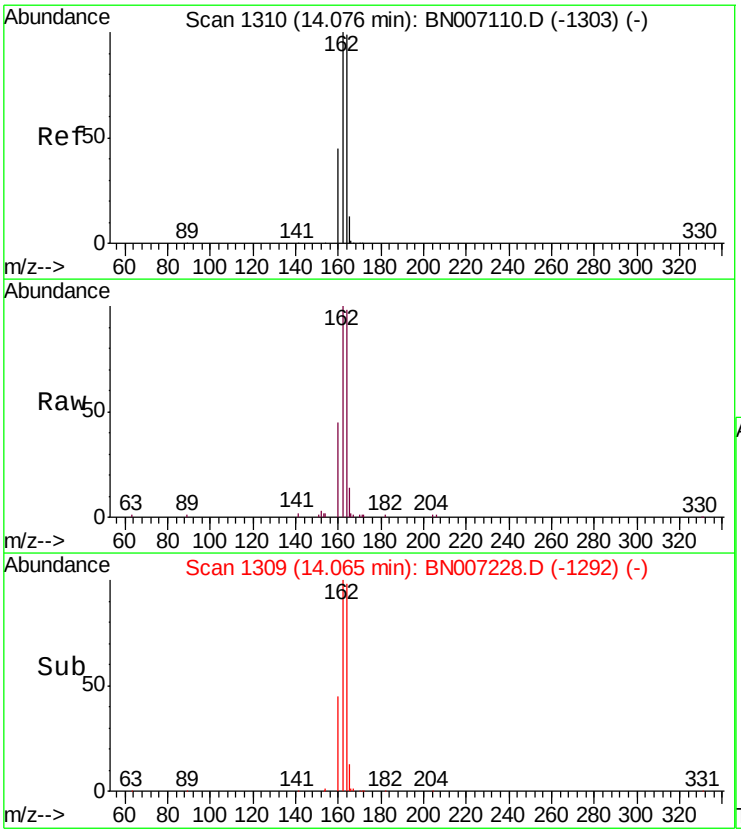
#10
2-Methylnaphthalene-d10
Concen: 0.213 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:152 Resp: 11119

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3

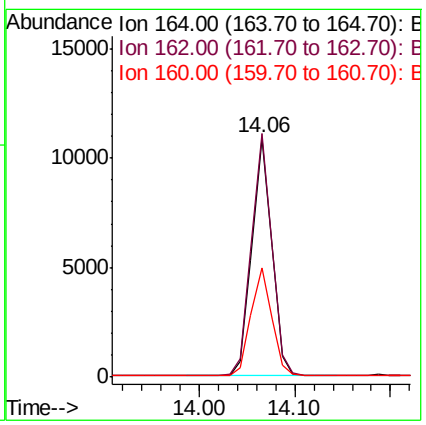


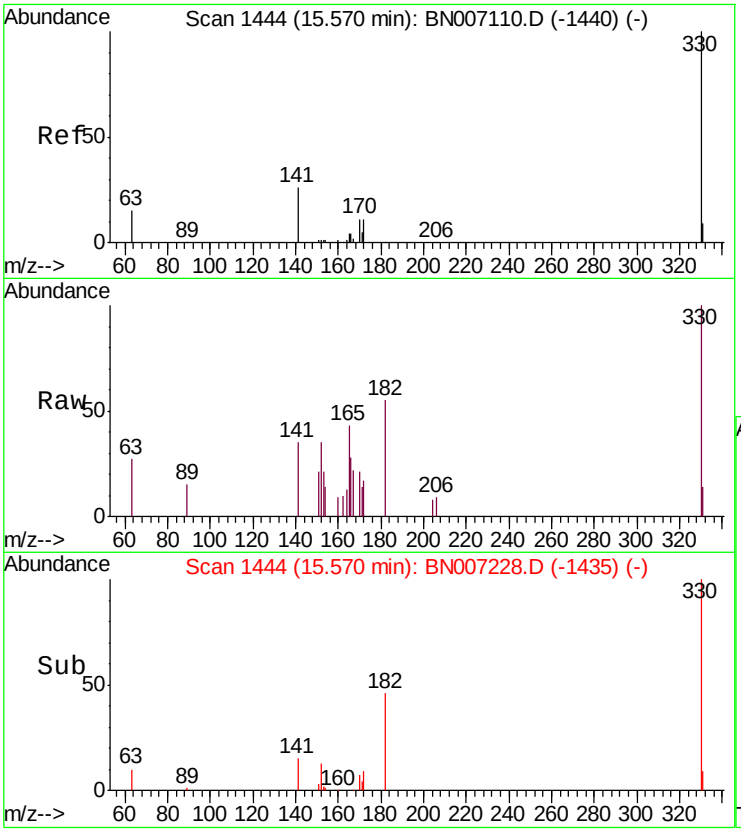


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:164 Resp: 15799

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.4
160	46.0	38.3	57.5



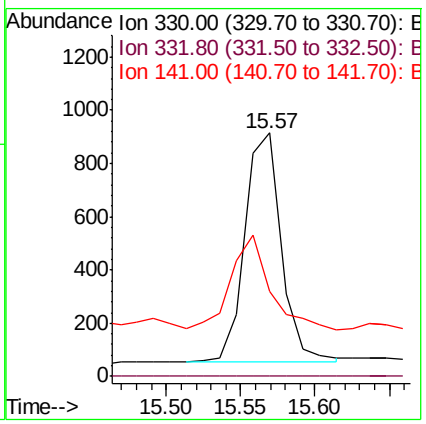


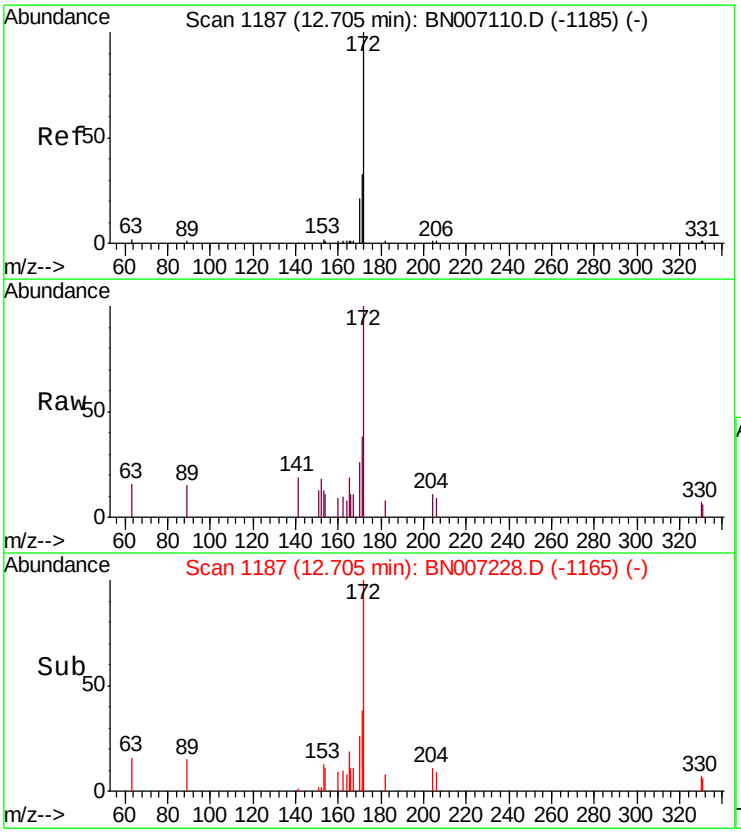
#13
2,4,6-Tribromophenol
Concen: 0.172 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:330 Resp: 1466

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.1	33.6	50.4

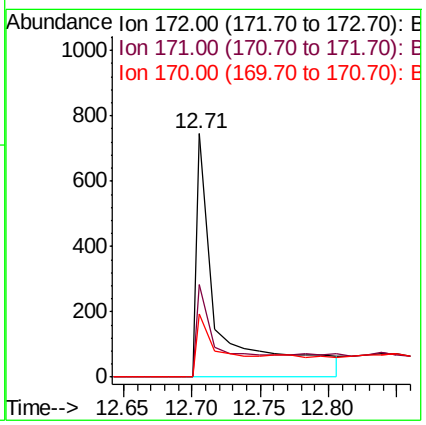


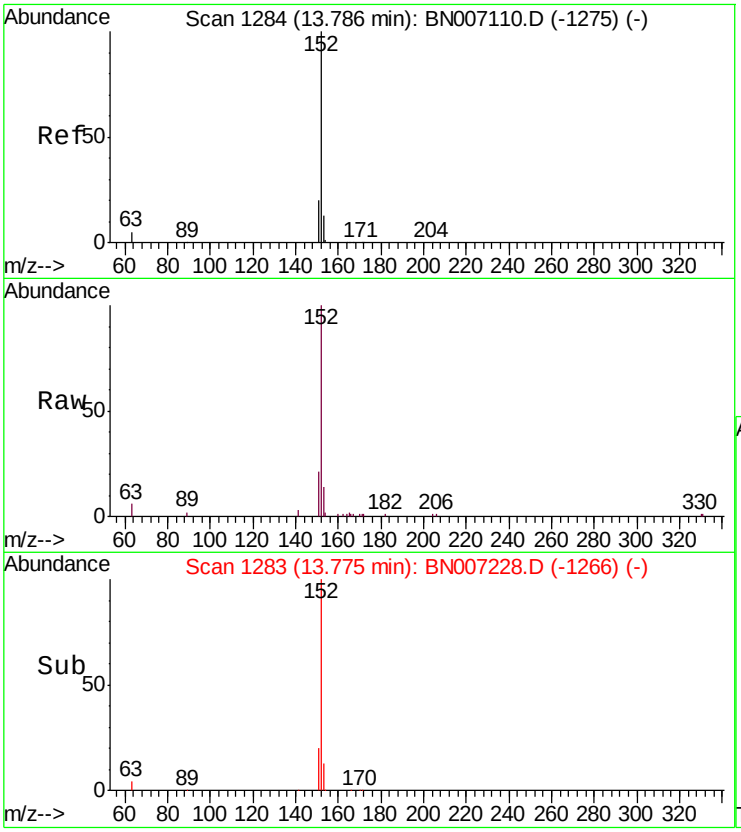


#14
2-Fluorobiphenyl
Concen: 0.039 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:172 Resp: 896

Ion	Ratio	Lower	Upper
172	100		
171	37.9	26.3	39.5
170	26.0	17.0	25.4#



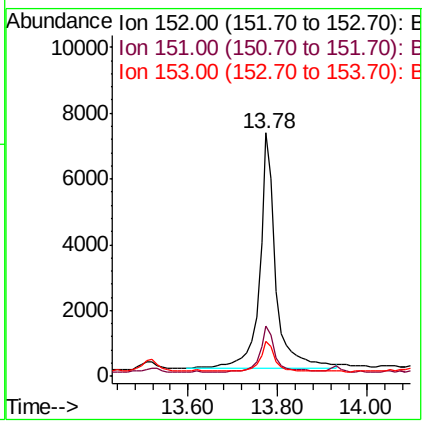


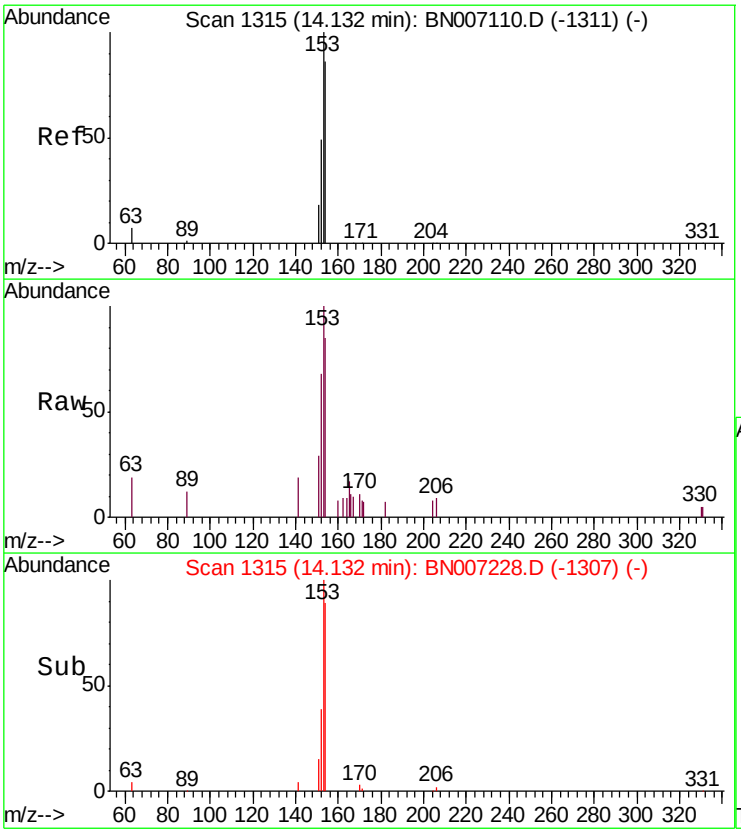
#15
Acenaphthylene
Concen: 0.222 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:152 Resp: 18350

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.8	23.6
153	11.5	10.4	15.6

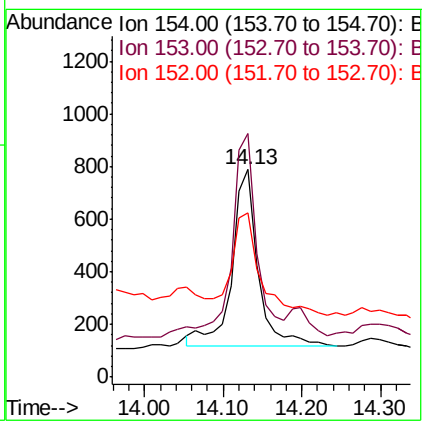


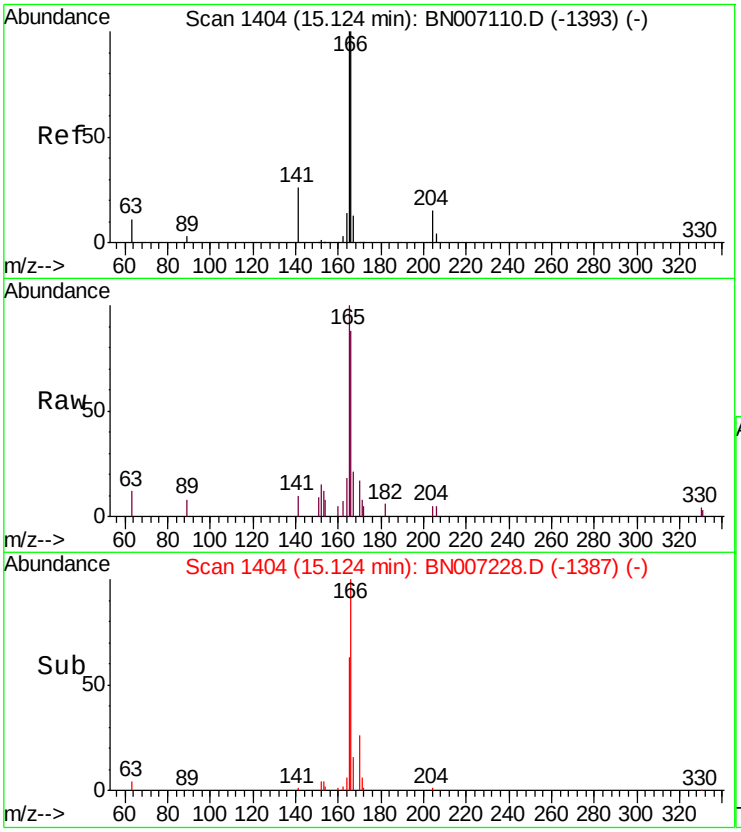


#16
Acenaphthene
Concen: 0.030 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:154 Resp: 1568

Ion	Ratio	Lower	Upper
154	100		
153	97.9	89.5	134.3
152	65.9	44.8	67.2



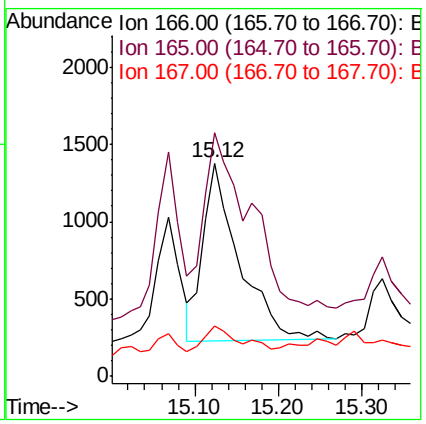


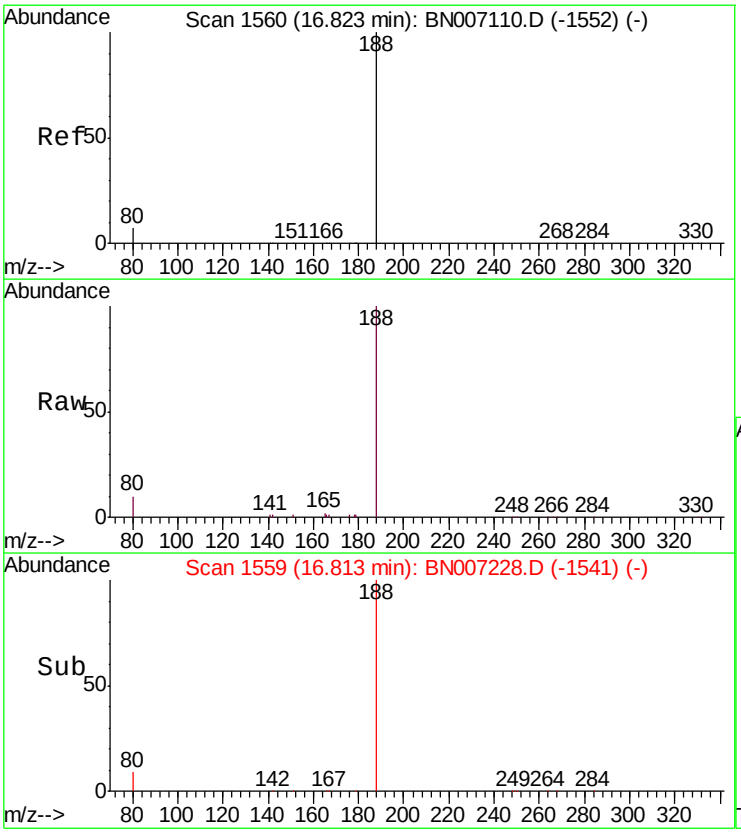
#17
Fluorene
Concen: 0.044 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:166 Resp: 3480

Ion	Ratio	Lower	Upper
166	100		
165	128.6	77.9	116.9#
167	13.1	10.9	16.3

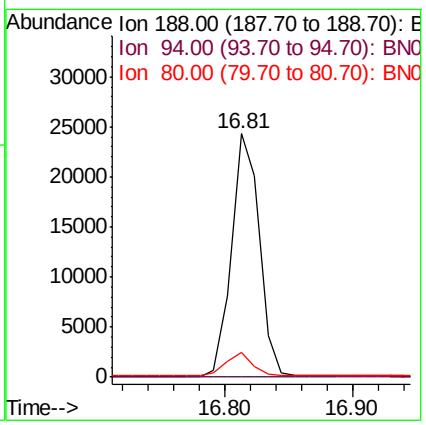


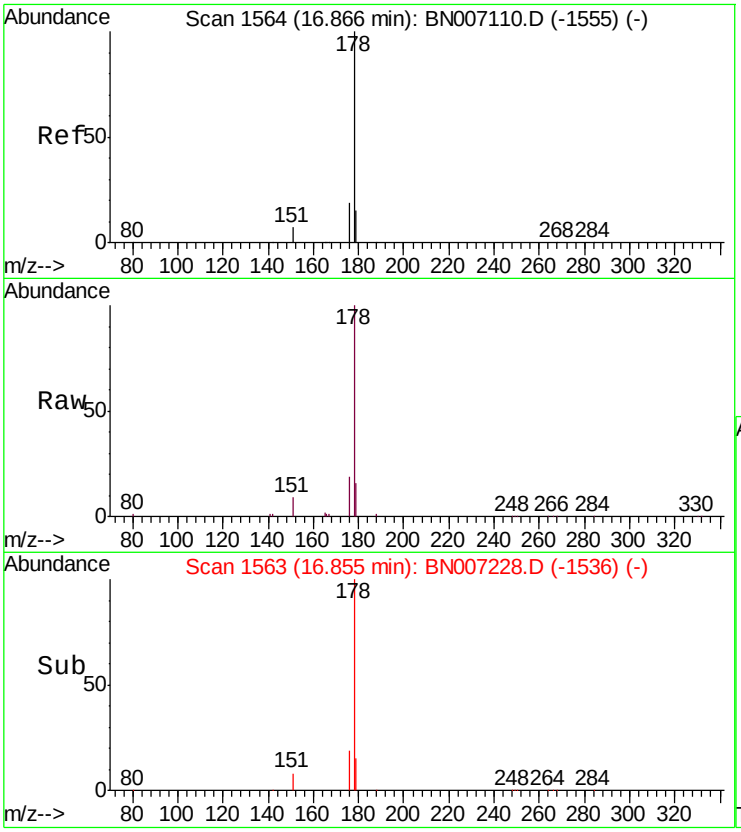


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:188 Resp: 36630

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.8	11.6



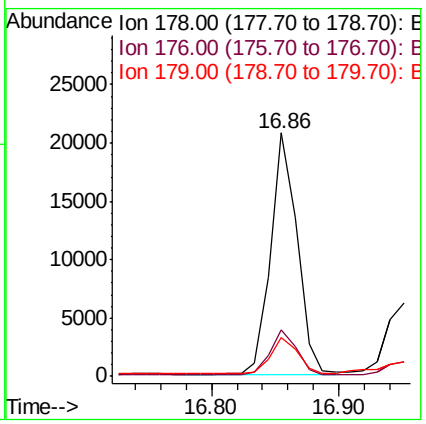


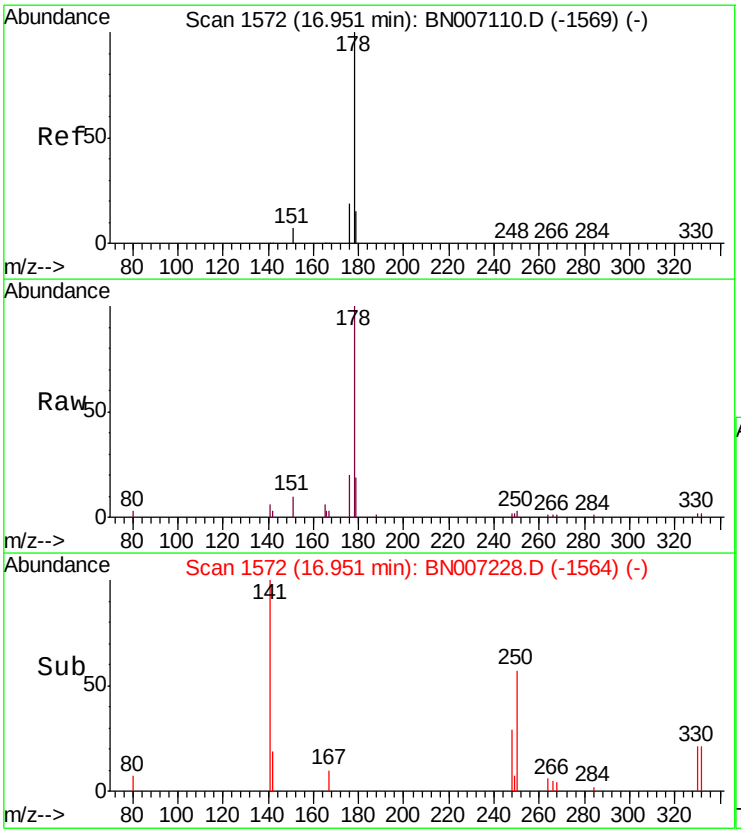
#22
Phenanthrene
Concen: 0.271 ng
RT: 16.86 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:178 Resp: 29731

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.0	12.3	18.5

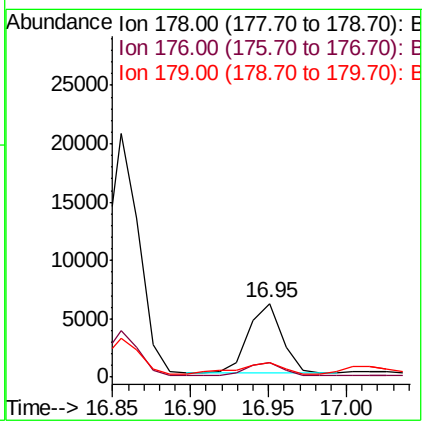


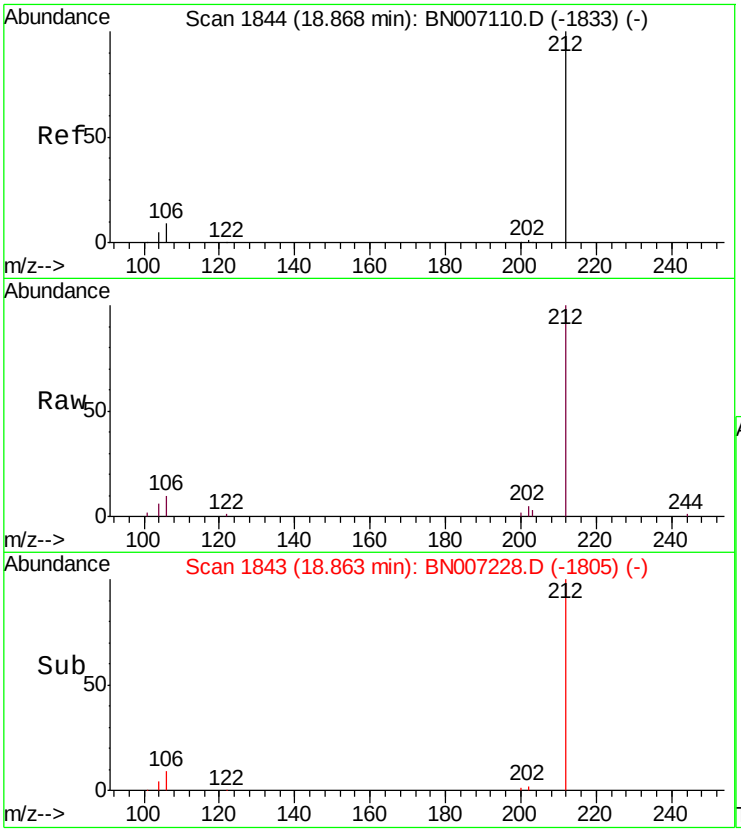


#23
Anthracene
Concen: 0.091 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:178 Resp: 9099

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	19.6	12.5	18.7#



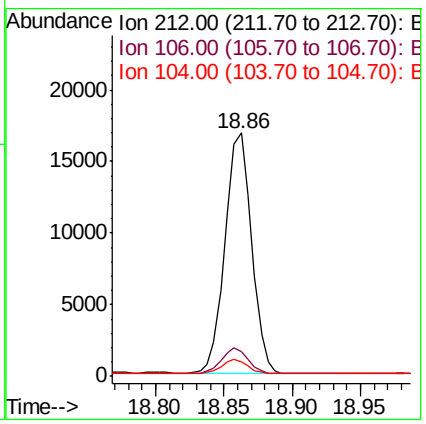


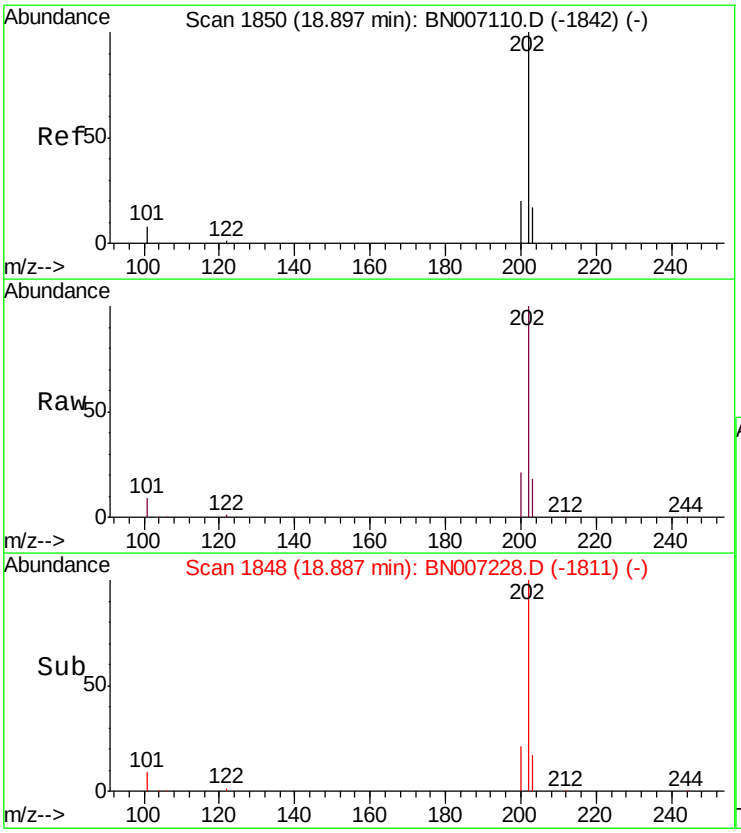
#24
Fluoranthene-d10
Concen: 0.175 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:212 Resp: 22706

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.2
104	6.3	4.5	6.7

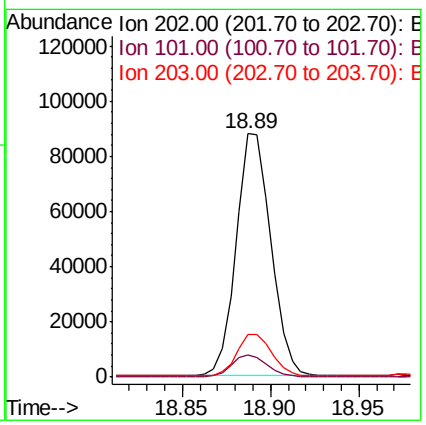


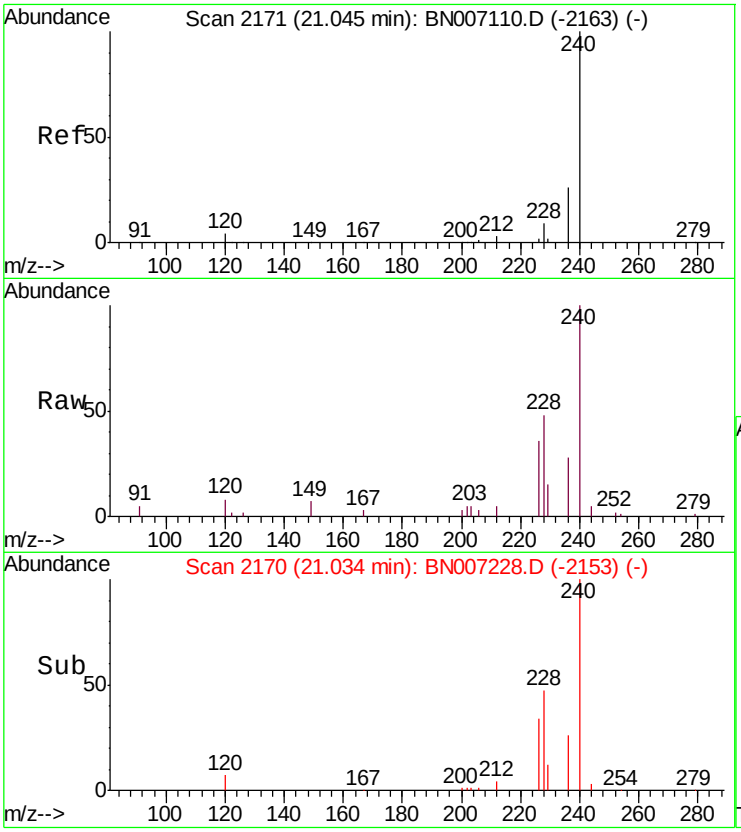


#25
Fluoranthene
Concen: 0.852 ng
RT: 18.89 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:202 Resp: 119673

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
203	17.4	13.8	20.8



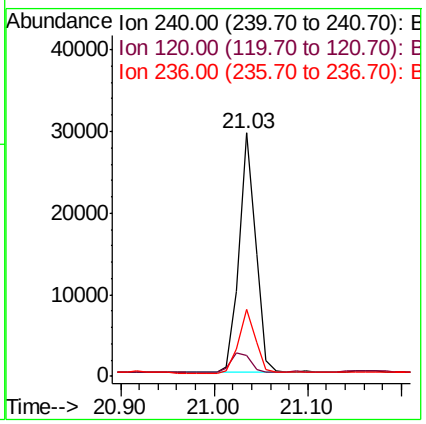


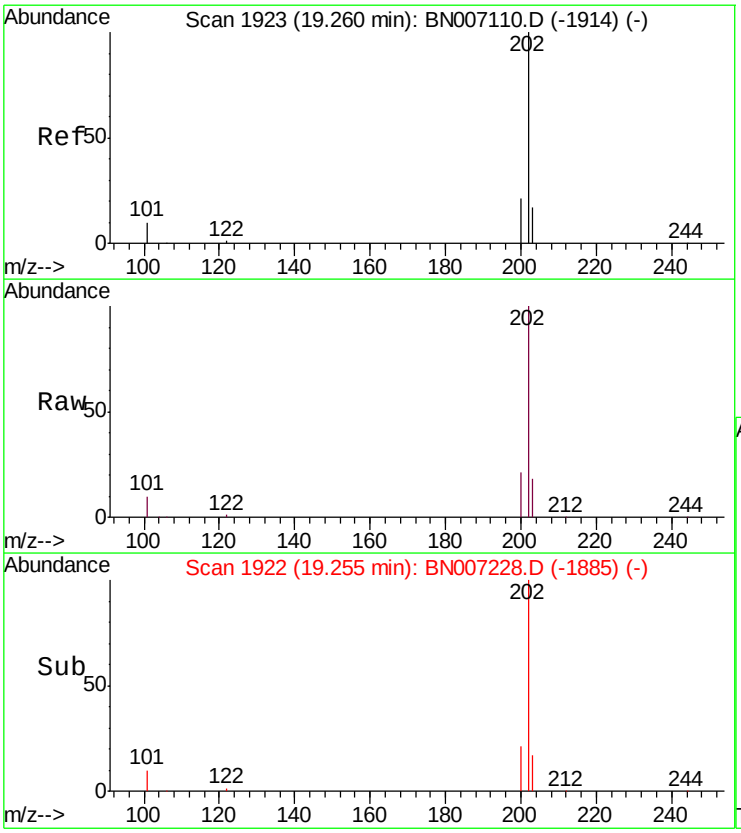
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:240 Resp: 36200

Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.0	6.0#
236	27.5	21.3	31.9

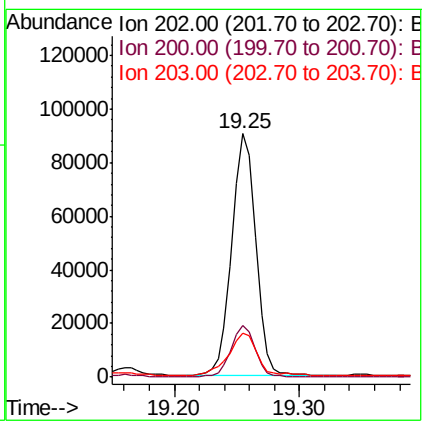


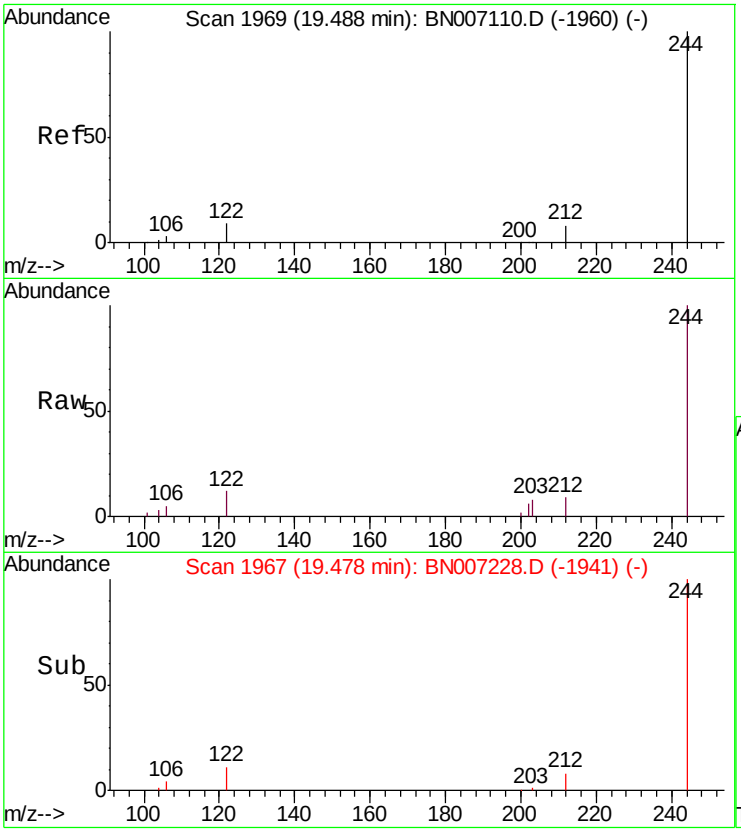


#27
Pyrene
Concen: 0.938 ng
RT: 19.25 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:202 Resp: 119109

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



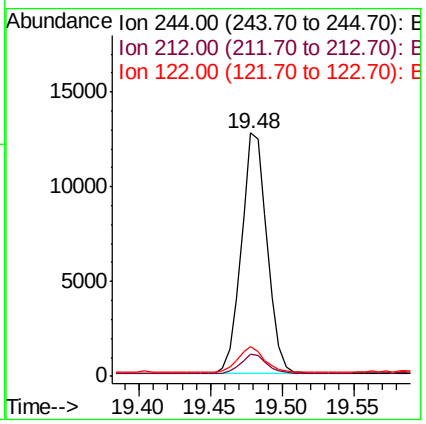


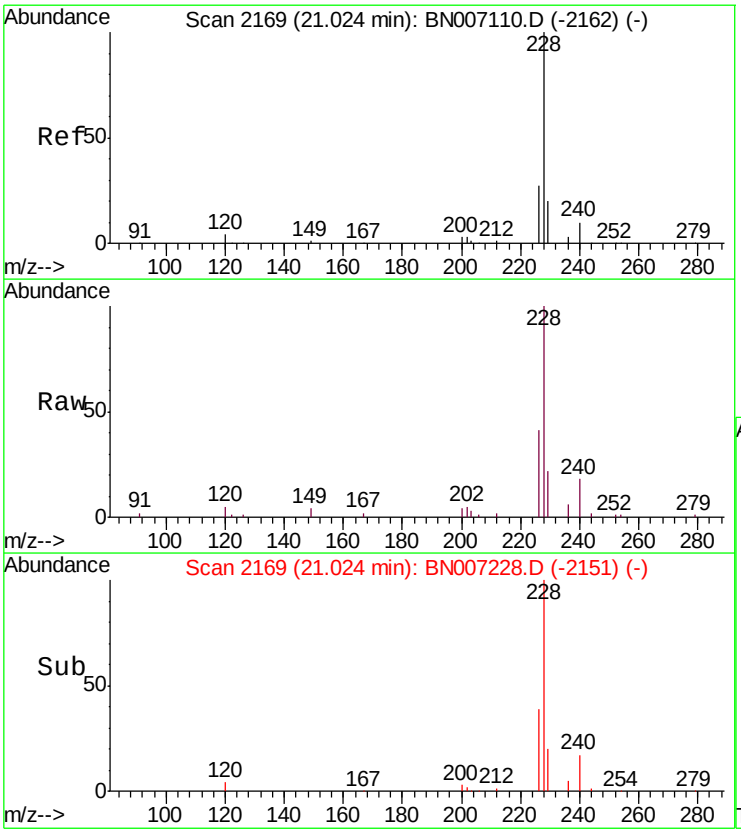
#28
Terphenyl-d14
Concen: 0.161 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:244 Resp: 15927

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.2	9.2
122	12.2	7.4	11.2#

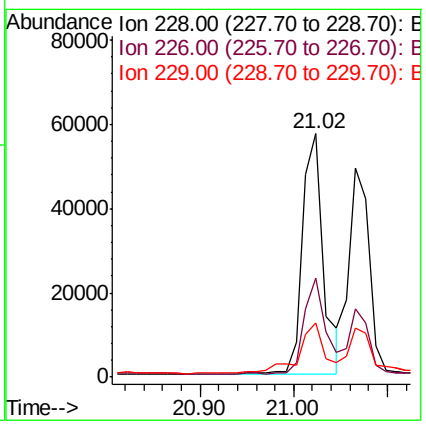


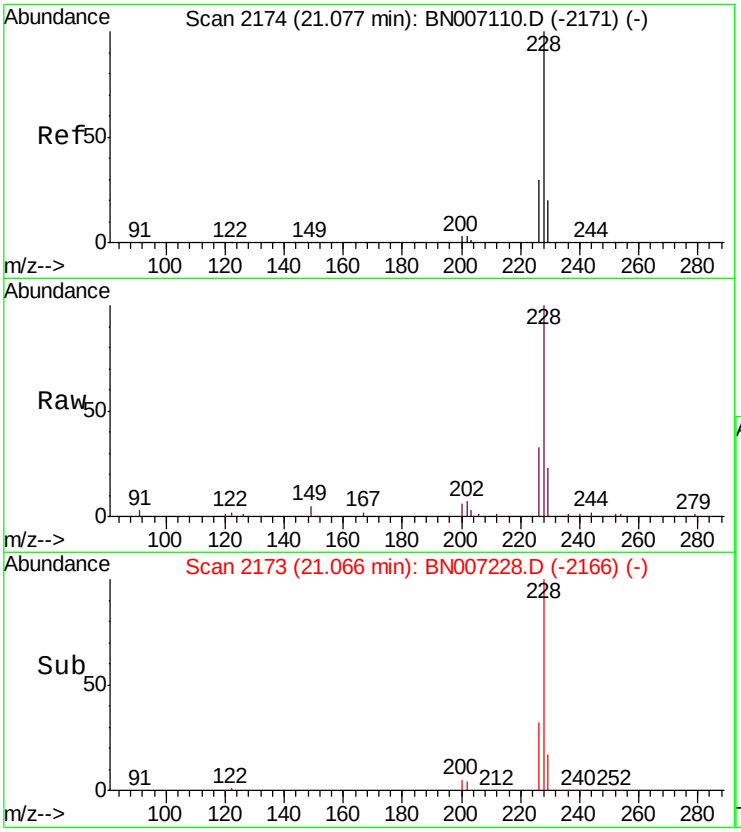


#29
Benzo(a)anthracene
Concen: 0.674 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:228 Resp: 89280

Ion	Ratio	Lower	Upper
228	100		
226	40.6	21.8	32.6#
229	22.2	15.6	23.4



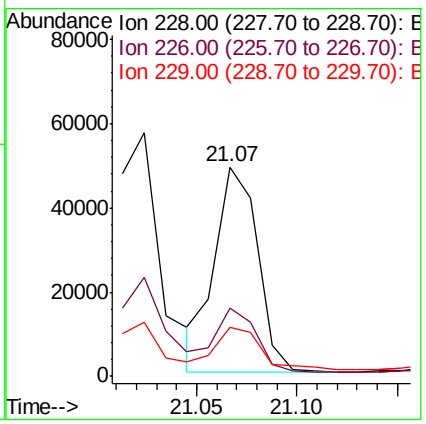


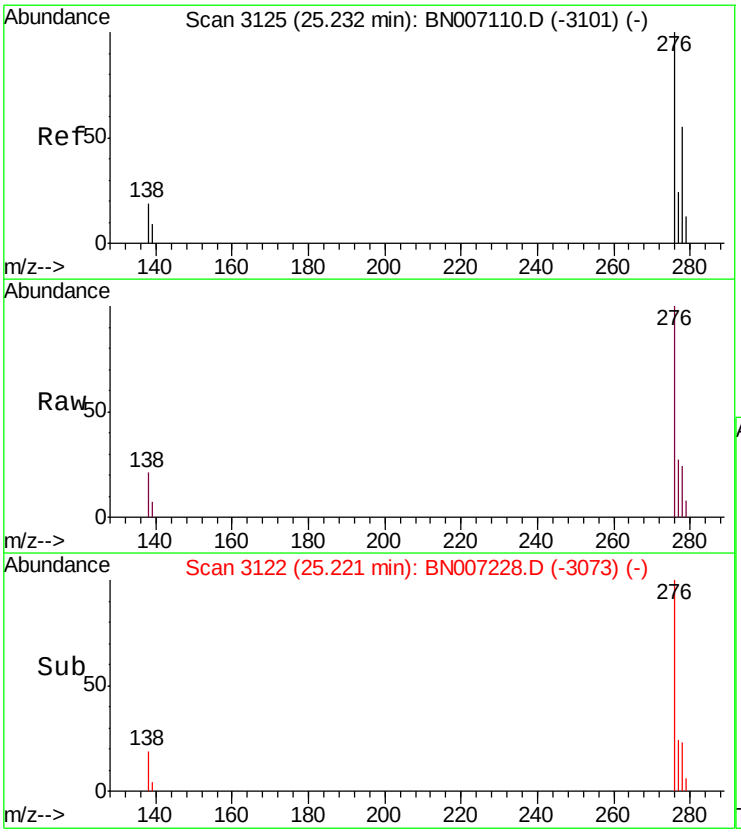
#30
Chrysene
Concen: 0.566 ng
RT: 21.07 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:228 Resp: 72855

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.8	35.6
229	23.1	15.7	23.5

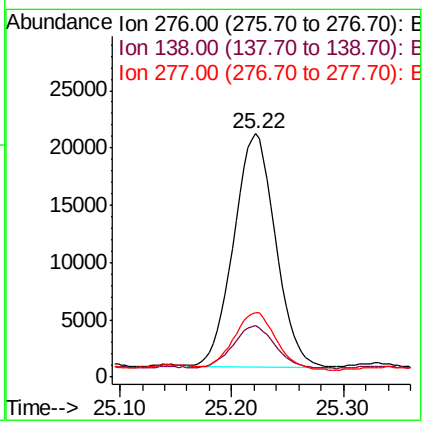


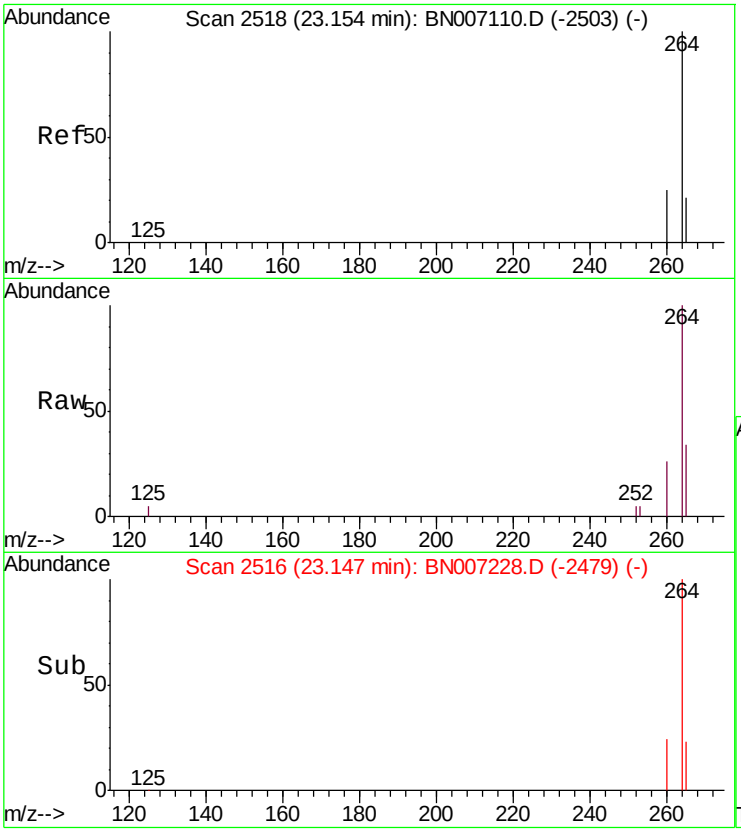


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.22 min Scan# 3122
Delta R.T. -0.03 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:276 Resp: 52702

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.0	24.0
277	25.2	19.9	29.9



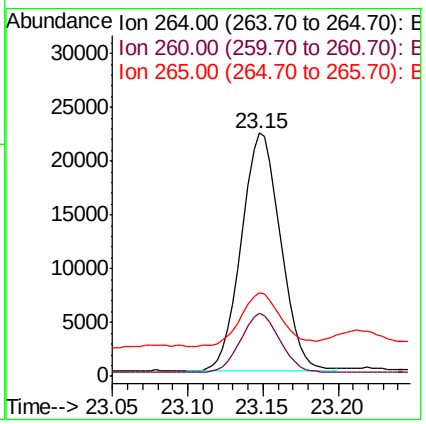


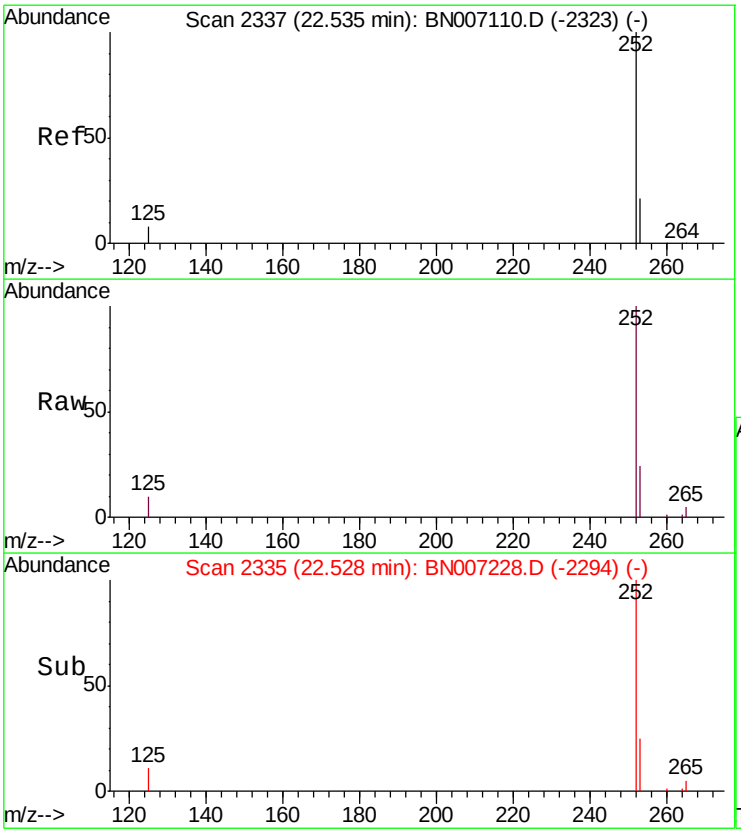
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:264 Resp: 39423

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.8	29.8
265	34.3	26.2	39.4

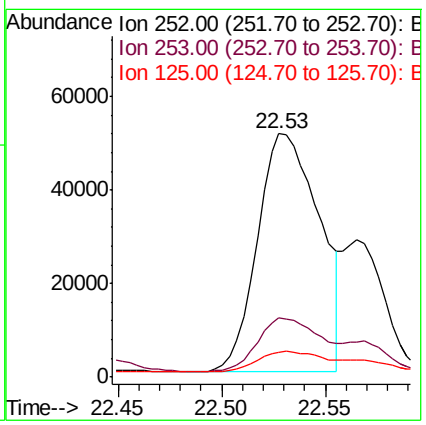


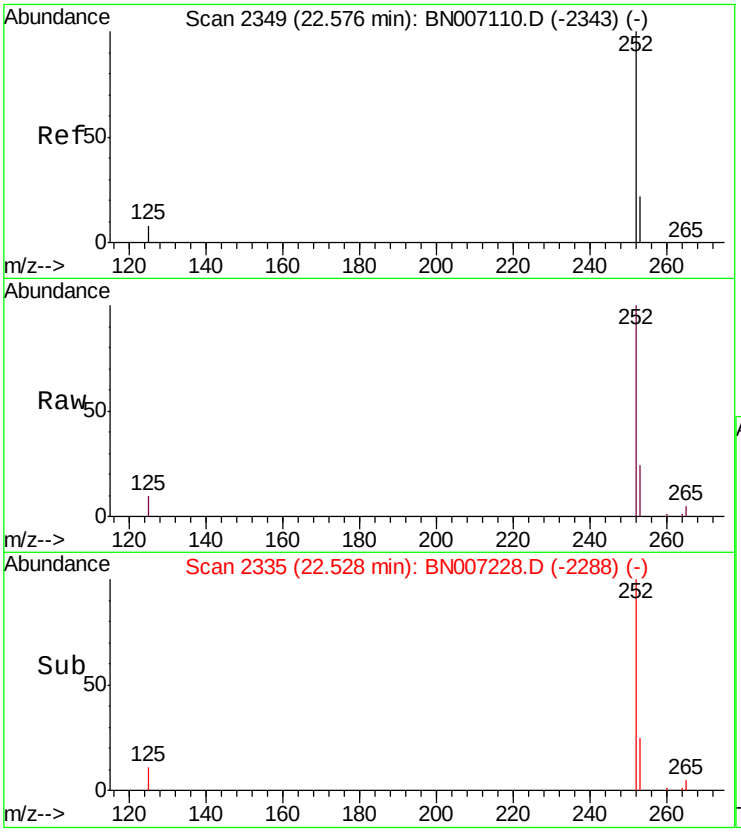


#33
Benzo(b)fluoranthene
Concen: 0.781 ng
RT: 22.53 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:252 Resp: 105586

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	10.3	7.4	11.0



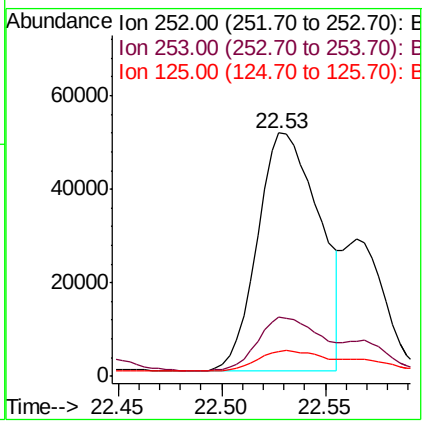


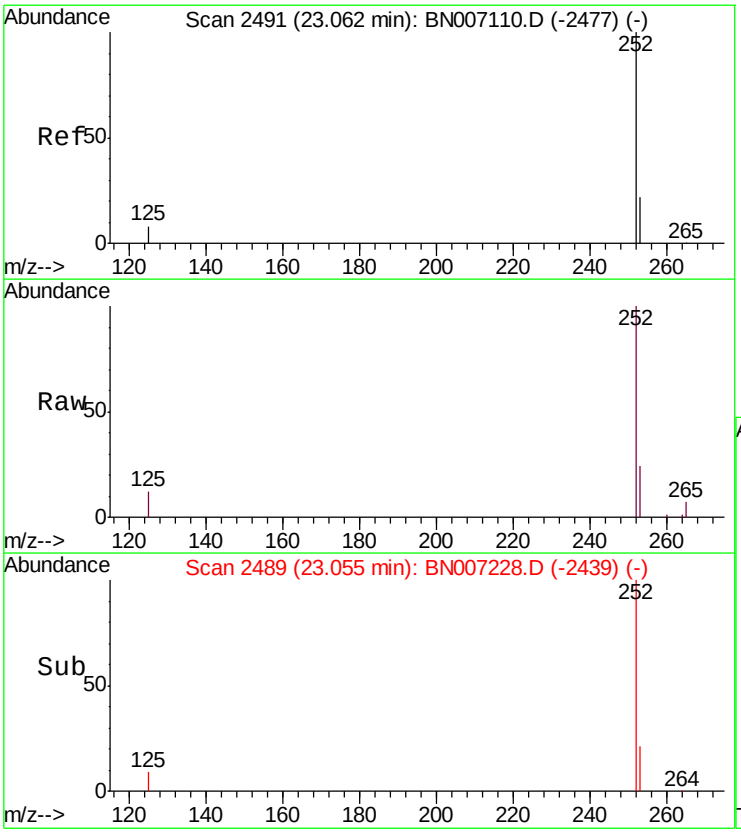
#34
Benzo(k)fluoranthene
Concen: 0.791 ng
RT: 22.53 min Scan# 2335
Delta R.T. -0.06 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:252 Resp: 105586

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	10.3	7.4	11.0

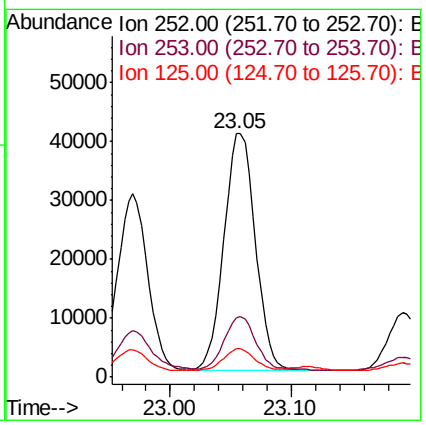


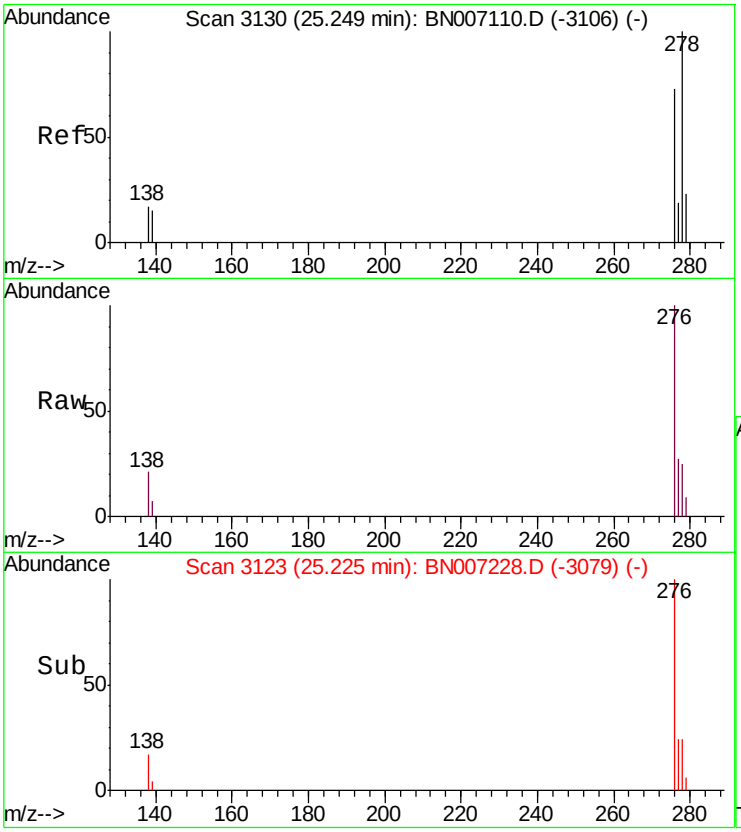


#35
Benzo(a)pyrene
Concen: 0.593 ng
RT: 23.05 min Scan# 2489
Delta R.T. -0.03 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:252 Resp: 72632

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	11.6	8.2	12.4



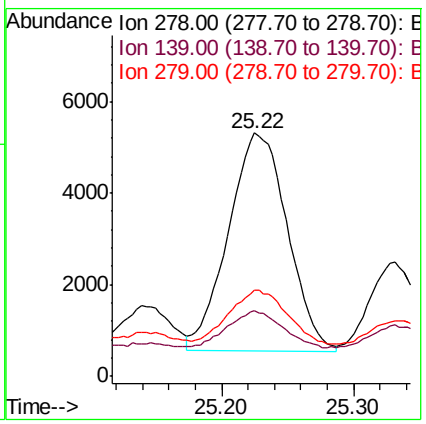


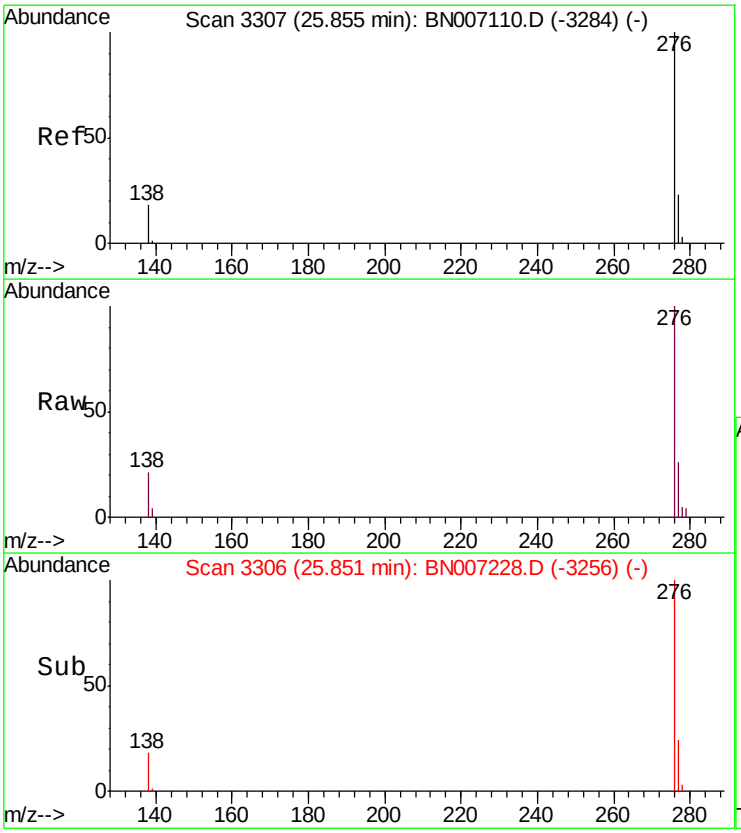
#36
Dibenzo(a,h)anthracene
Concen: 0.121 ng
RT: 25.22 min Scan# 3123
Delta R.T. -0.05 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Instrument :
BNA_N
ClientSampleId :
PST-010-B225-080819

Tgt Ion:278 Resp: 14743

Ion	Ratio	Lower	Upper
278	100		
139	26.8	11.3	16.9#
279	35.4	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 25.85 min Scan# 3306
Delta R.T. -0.03 min
Lab File: BN007228.D
Acq: 16 Aug 2019 18:12

Tgt Ion:276 Resp: 47945

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.8	29.8
138	21.1	14.6	22.0