Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007551.D
Acq On : 06 Sep 2019 20:48
Operator : HP/JU
Sample : K4722-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 07 00:03:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	6005	0.40	ng		-0.02
7) Naphthalene-d8	10.14	136	24598	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	13698	0.40	ng		-0.02
19) Phenanthrene-d10	16.78	188	30251	0.40	ng		-0.02
27) Chrysene-d12	21.00	240	29664	0.40	ng		-0.01
34) Perylene-d12	23.11	264	32747	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	174	-0.02	ng		0.00
5) Phenol-d6	6.58	99	188	-0.03	ng		0.00
8) Nitrobenzene-d5	8.53	82	2393	0.11	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	5218	0.13	ng		-0.02
14) 2,4,6-Tribromophenol	15.54	330	74	0.01	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	9751	0.18	ng		0.00
25) Fluoranthene-d10	18.83	212	11888	0.12	ng		-0.02
29) Terphenyl-d14	19.45	244	9296	0.12	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.19	128	9401	0.134	ng	#	92
12) 2-Methylnaphthalene	11.82	142	22551	0.471	ng		96
16) Acenaphthylene	13.75	152	2786	0.034	ng	#	95
17) Acenaphthene	14.10	154	2225	0.047	ng		94
18) Fluorene	15.09	166	4498	0.075	ng		98
23) Phenanthrene	16.83	178	34173	0.376	ng		99
24) Anthracene	16.92	178	4809	0.053	ng		98
26) Fluoranthene	18.86	202	21391	0.183	ng		98
28) Pyrene	19.23	202	22825	0.191	ng		97
30) Benzo(a)anthracene	20.99	228	7385	0.063	ng		92
31) Chrysene	21.05	228	8582	0.076	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	7714	0.083	ng		98
33) Indeno(1,2,3-cd)pyrene	25.17	276	2943	0.022	ng		96
35) Benzo(b)fluoranthene	22.50	252	7231	0.061	ng	#	67
36) Benzo(k)fluoranthene	22.50	252	7231	0.062	ng	#	70
37) Benzo(a)pyrene	23.02	252	4289	0.038	ng	#	63
39) Benzo(g,h,i)perylene	25.80	276	3199	0.028	ng	#	83

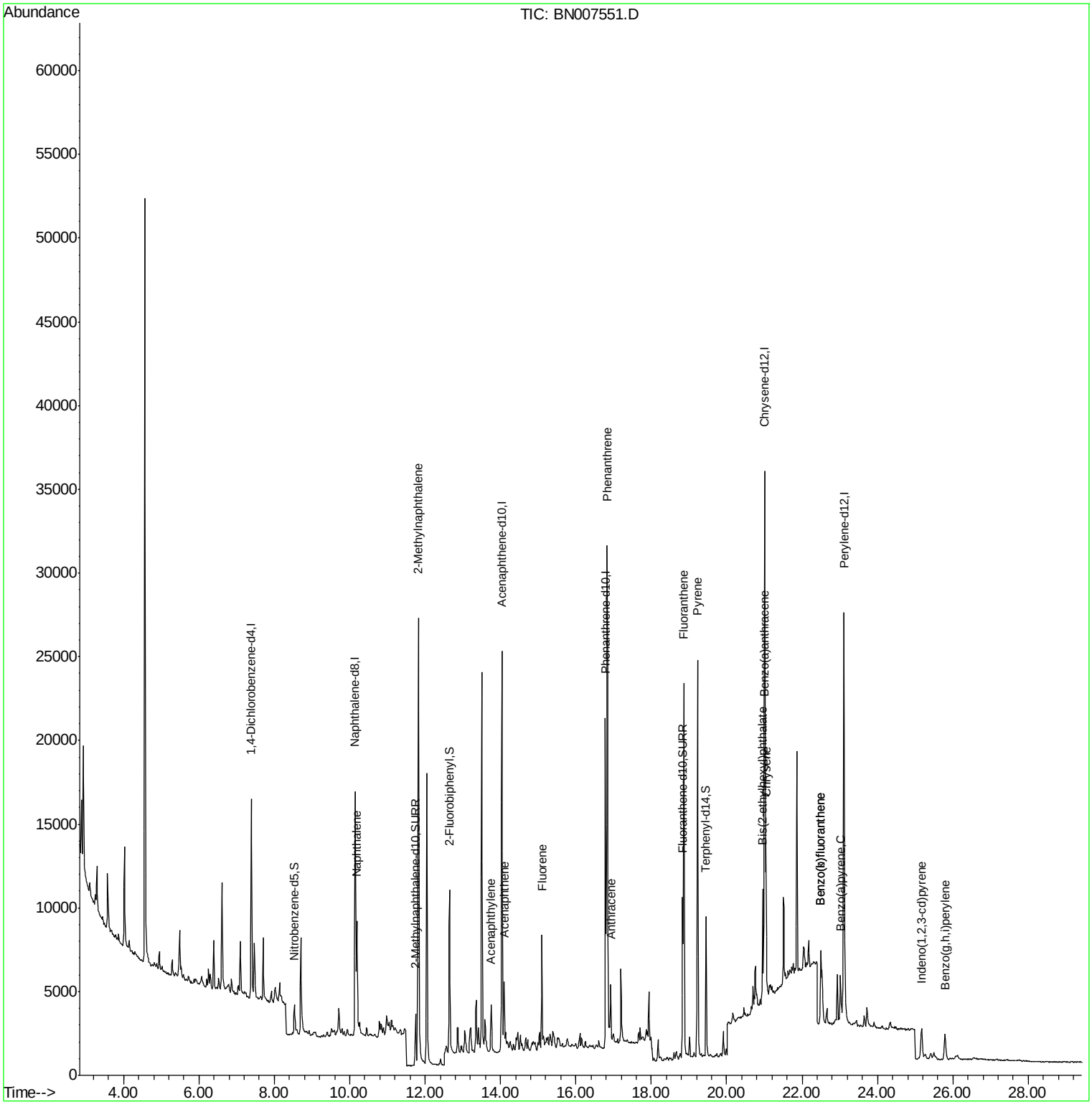
(#) = qualifier out of range (m) = manual integration (+) = signals summed

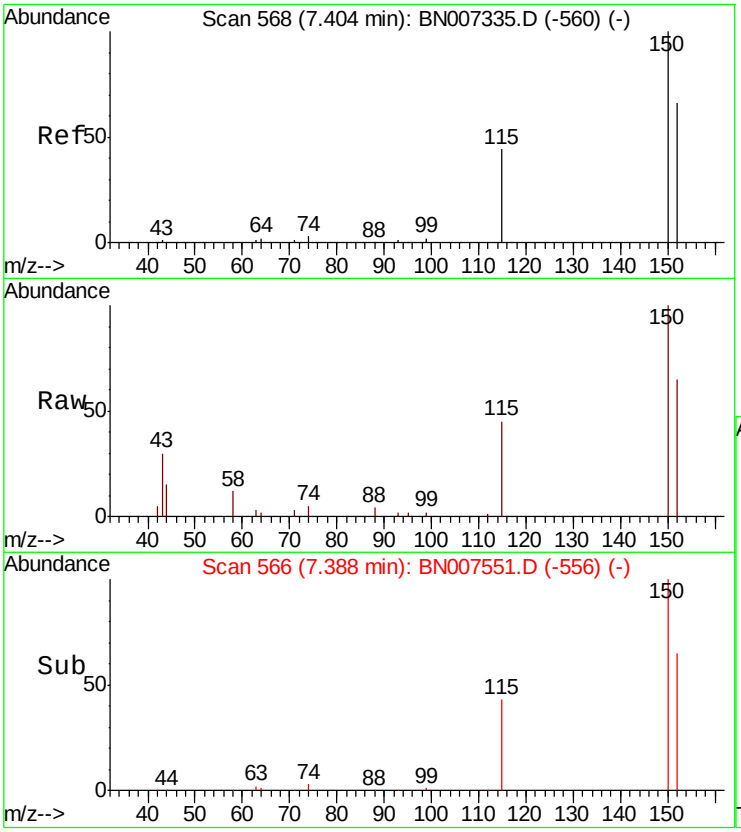
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007551.D
Acq On : 06 Sep 2019 20:48
Operator : HP/JU
Sample : K4722-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 07 00:03:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



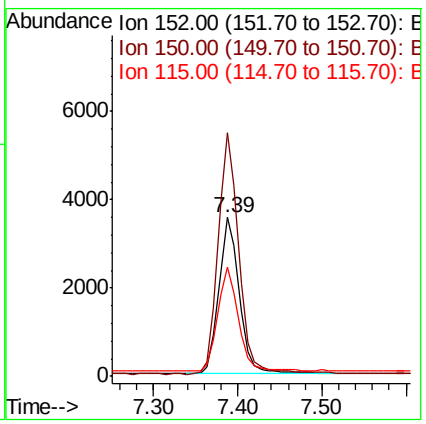


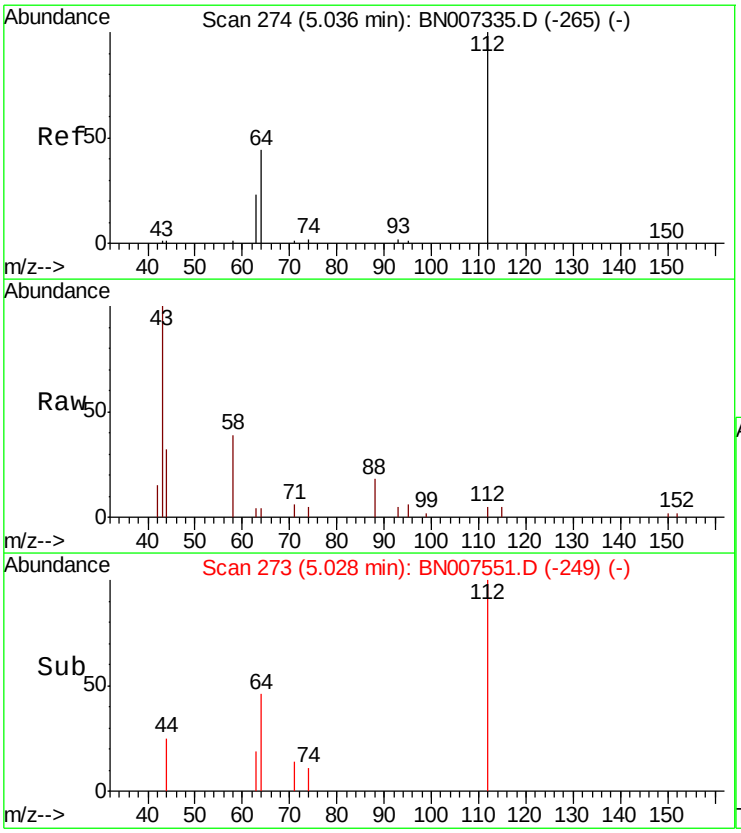
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6005

Ion	Ratio	Lower	Upper
152	100		
150	153.2	109.1	163.7
115	68.9	59.6	89.4

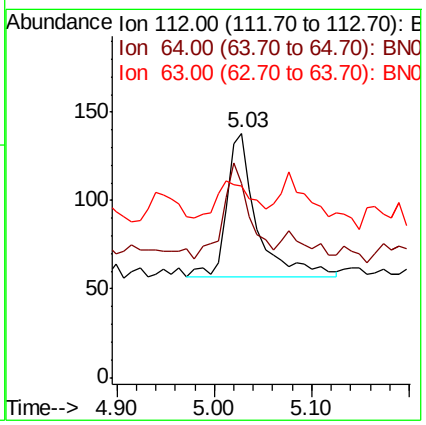


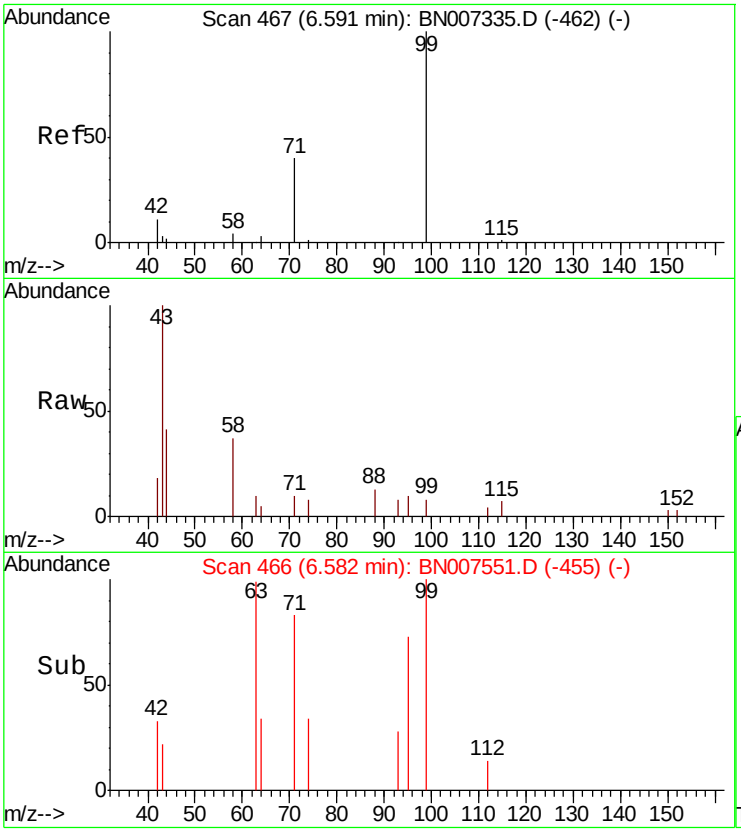


#4
2-Fluorophenol
Concen: -0.021 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:112 Resp: 174

Ion	Ratio	Lower	Upper
112	100		
64	58.6	42.3	63.5
63	36.2	23.6	35.4#



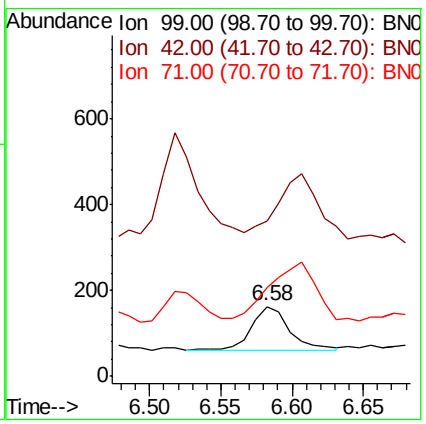


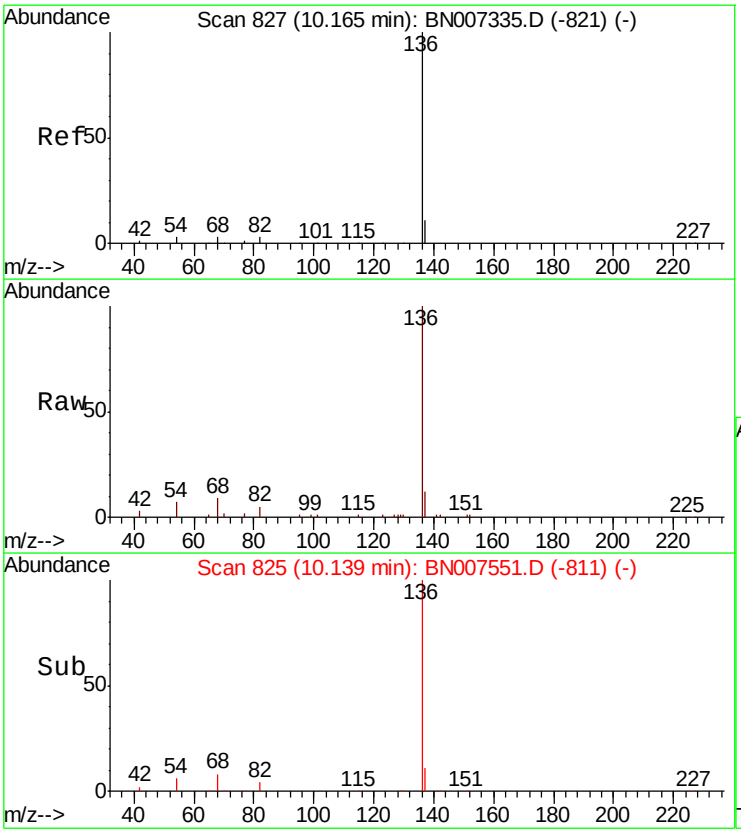
#5
Phenol-d6
Concen: -0.025 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 188

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	0.0	31.8	47.8#

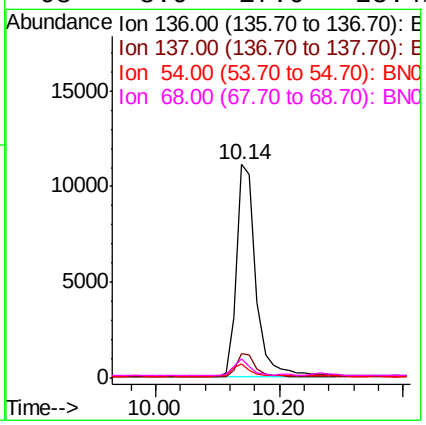


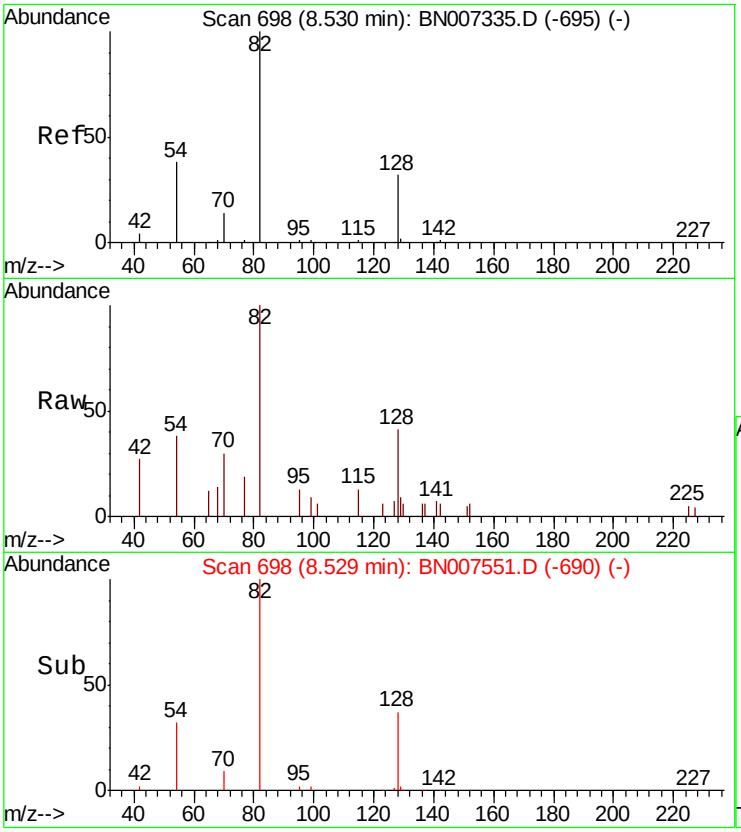


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.03 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:136 Resp: 24598

Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	6.7	8.6	12.8#
68	8.9	17.0	25.4#



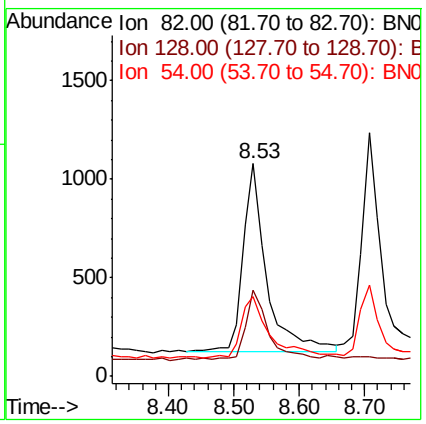


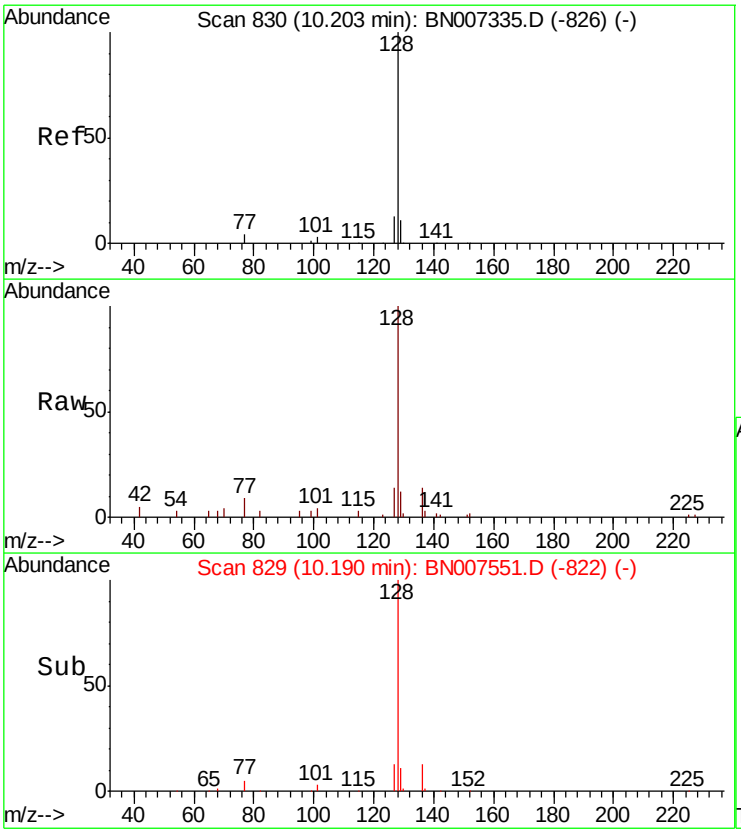
#8
Nitrobenzene-d5
Concen: 0.112 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 2393

Ion	Ratio	Lower	Upper
82	100		
128	40.8	19.7	29.5#
54	37.6	25.8	38.6

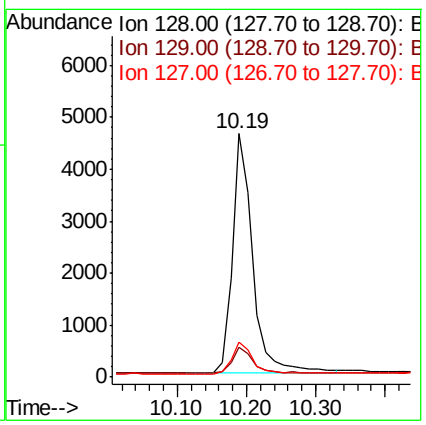


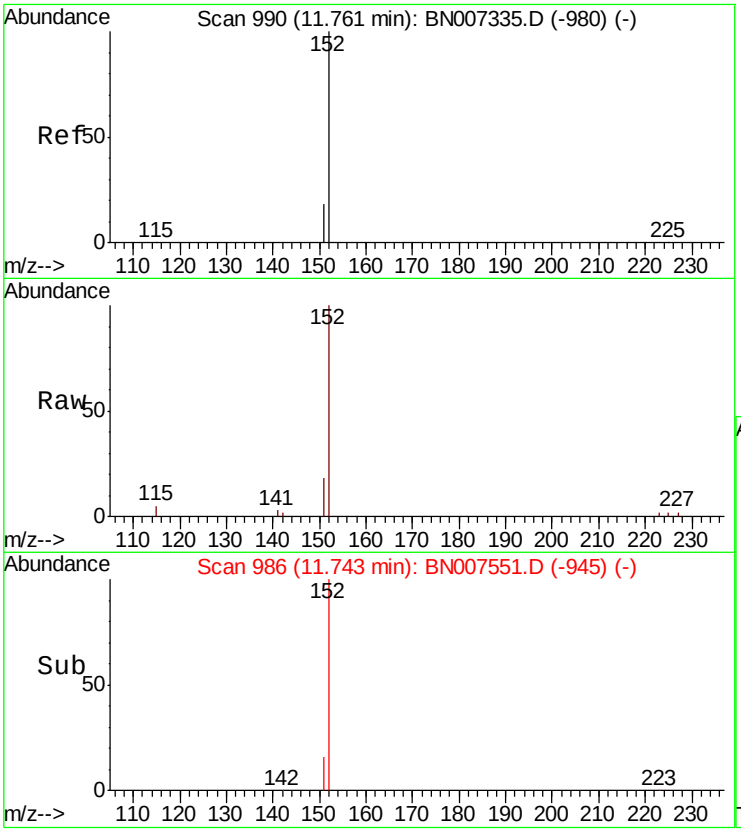


#9
Naphthalene
Concen: 0.134 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:128 Resp: 9401

Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.1	16.7
127	14.1	15.5	23.3#



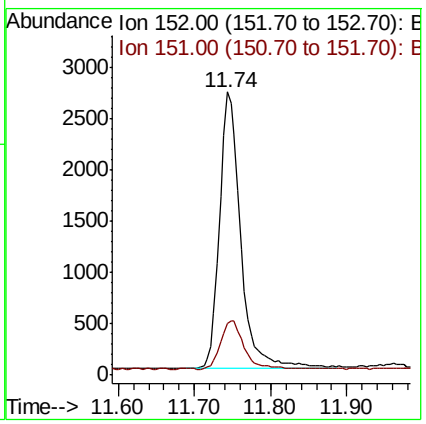


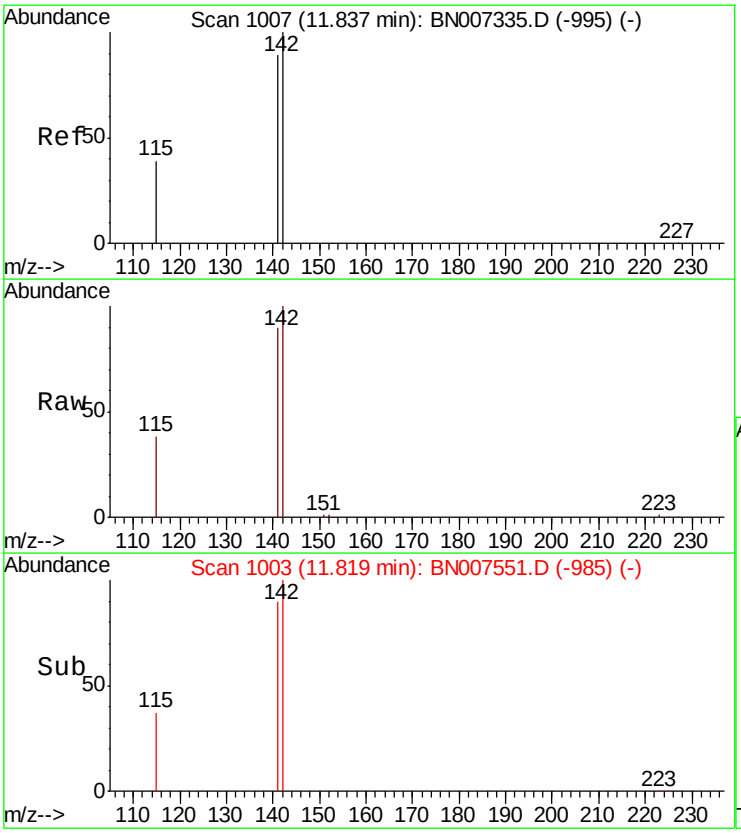
#11
2-Methylnaphthalene-d10
Concen: 0.128 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5218

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

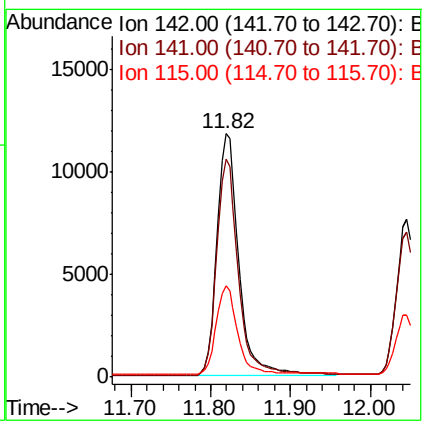


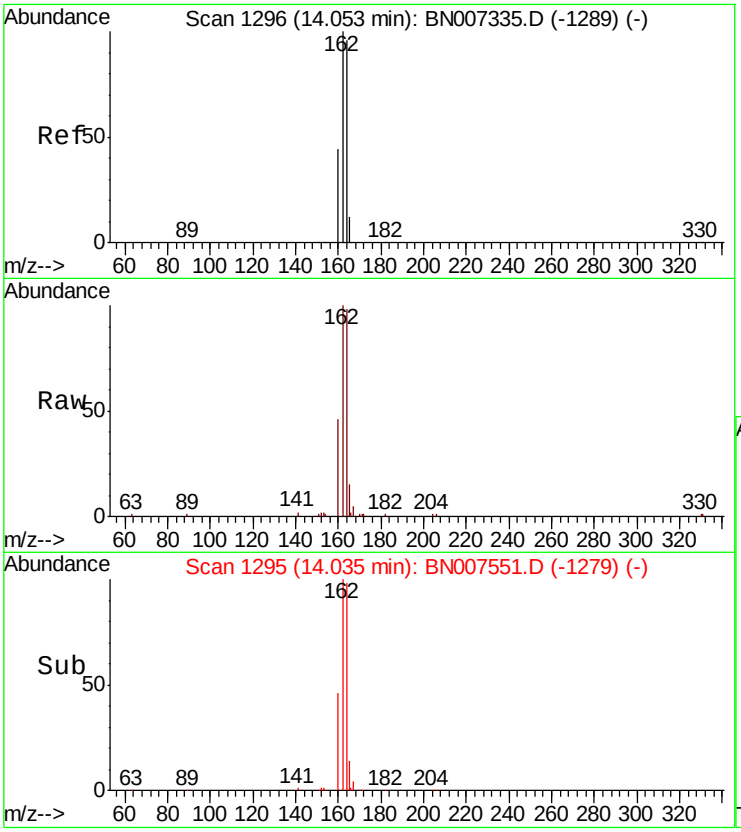


#12
2-Methylnaphthalene
Concen: 0.471 ng
RT: 11.82 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:142 Resp: 22551

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.8	109.2
115	37.7	35.2	52.8



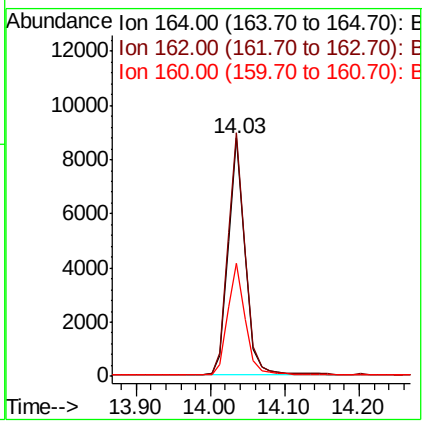


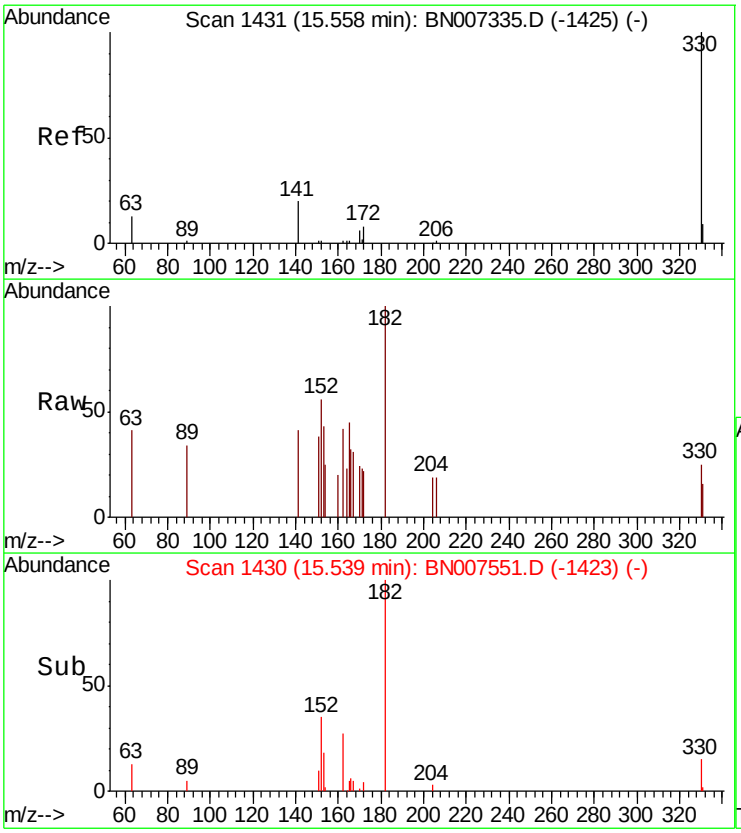
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 13698

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.5	125.3
160	47.3	38.2	57.4

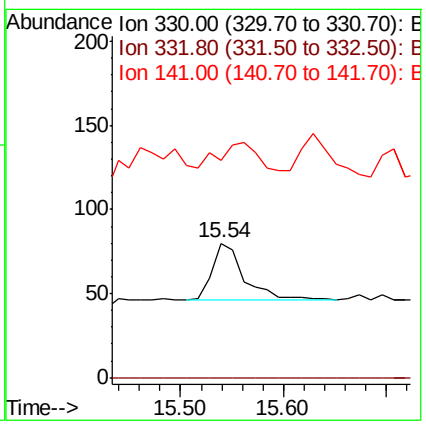


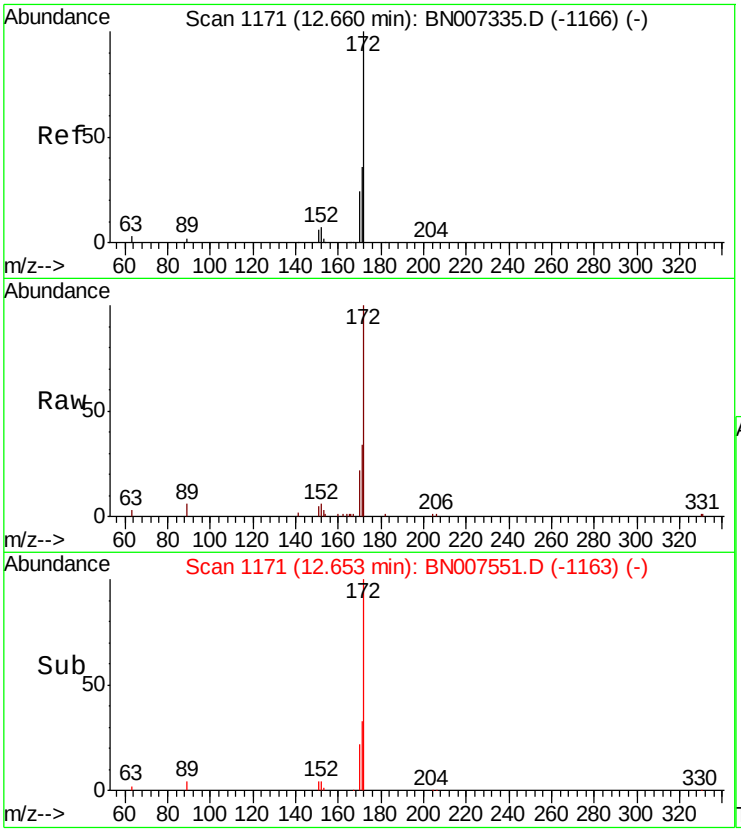


#14
2,4,6-Tribromophenol
Concen: 0.010 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:330 Resp: 74

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	26.9	40.3#



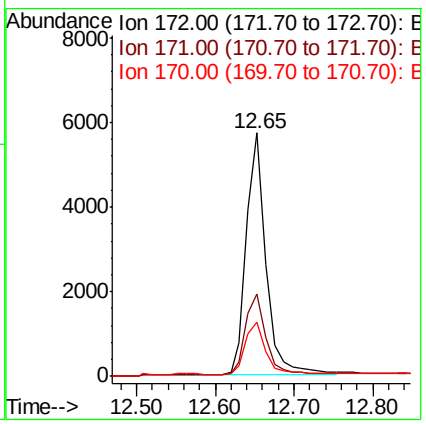


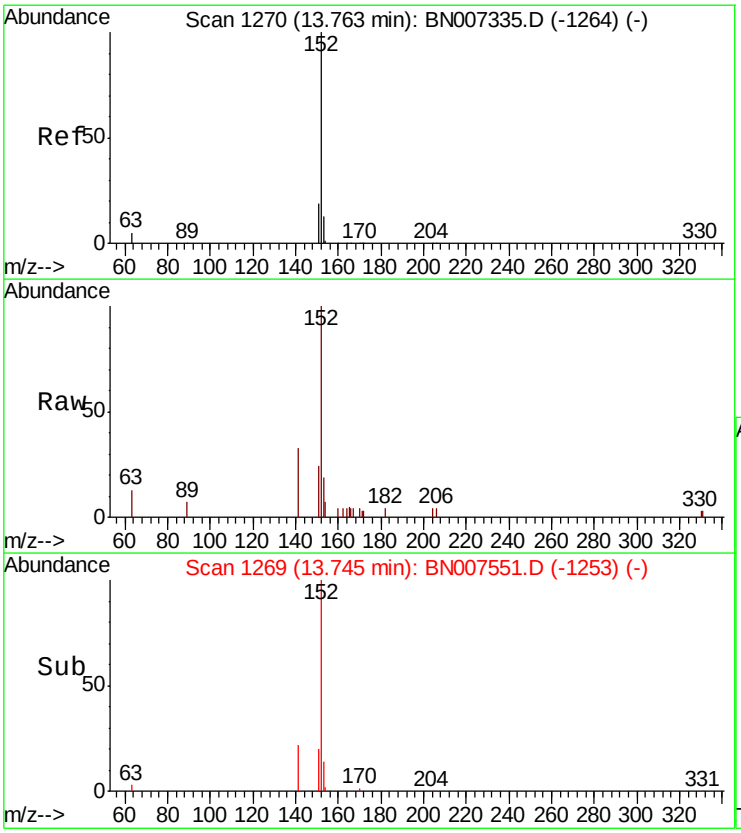
#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9751

Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.3	45.5
170	22.4	20.7	31.1

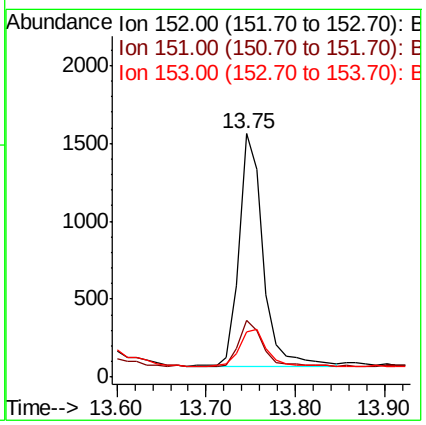


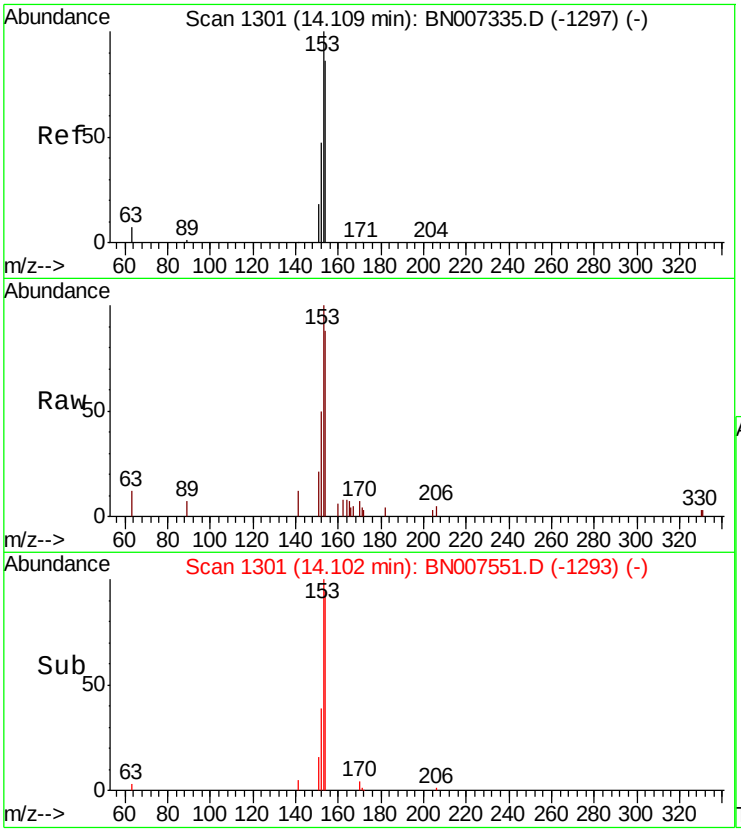


#16
Acenaphthylene
Concen: 0.034 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:152 Resp: 2786

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	17.8	10.6	15.8#



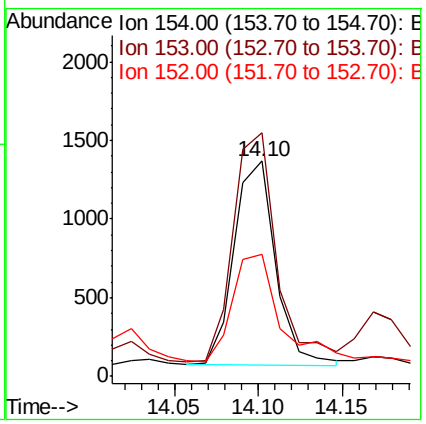


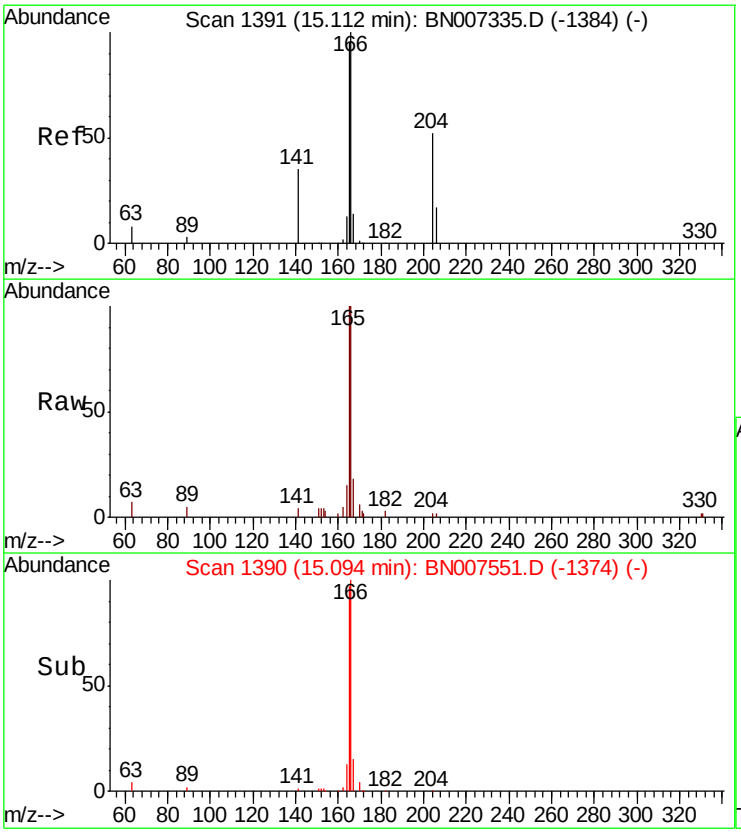
#17
Acenaphthene
Concen: 0.047 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2225

Ion	Ratio	Lower	Upper
154	100		
153	118.5	92.8	139.2
152	64.9	43.8	65.8

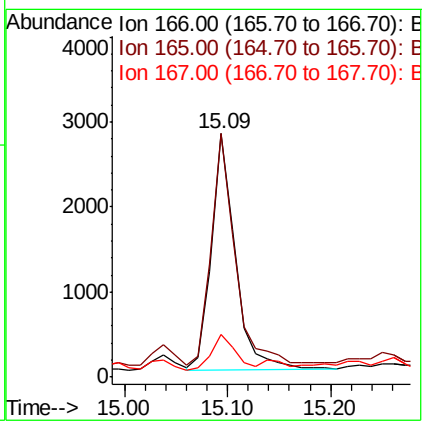


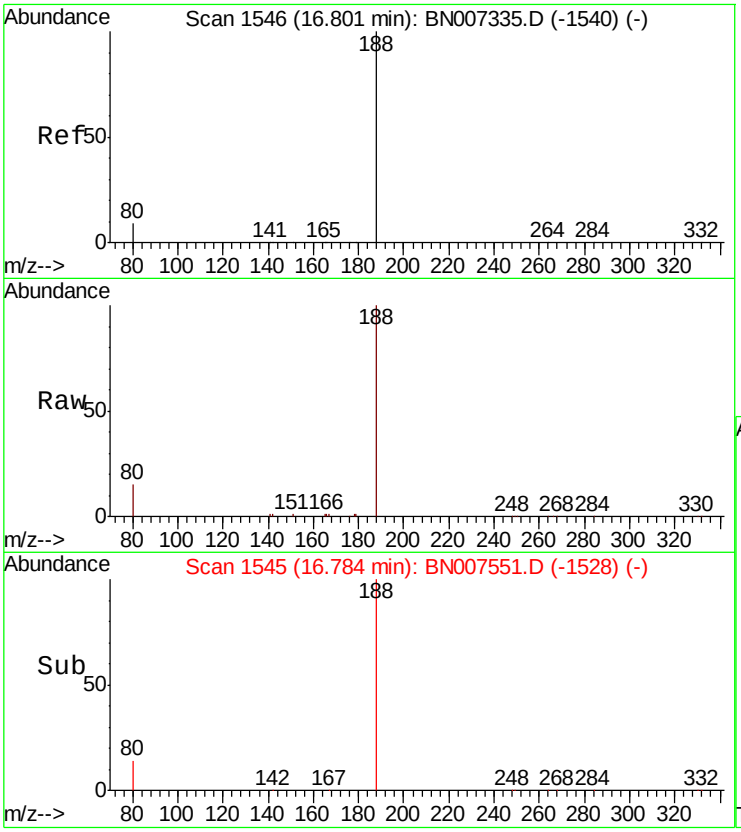


#18
Fluorene
Concen: 0.075 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:166 Resp: 4498

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	15.1	10.6	15.8



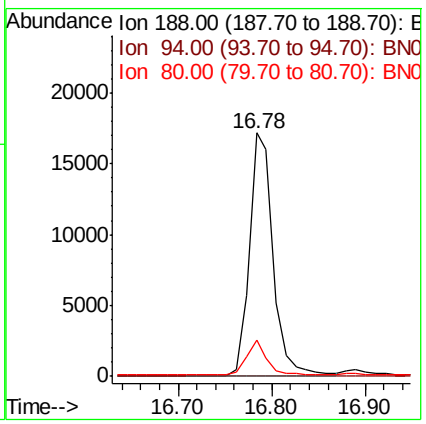


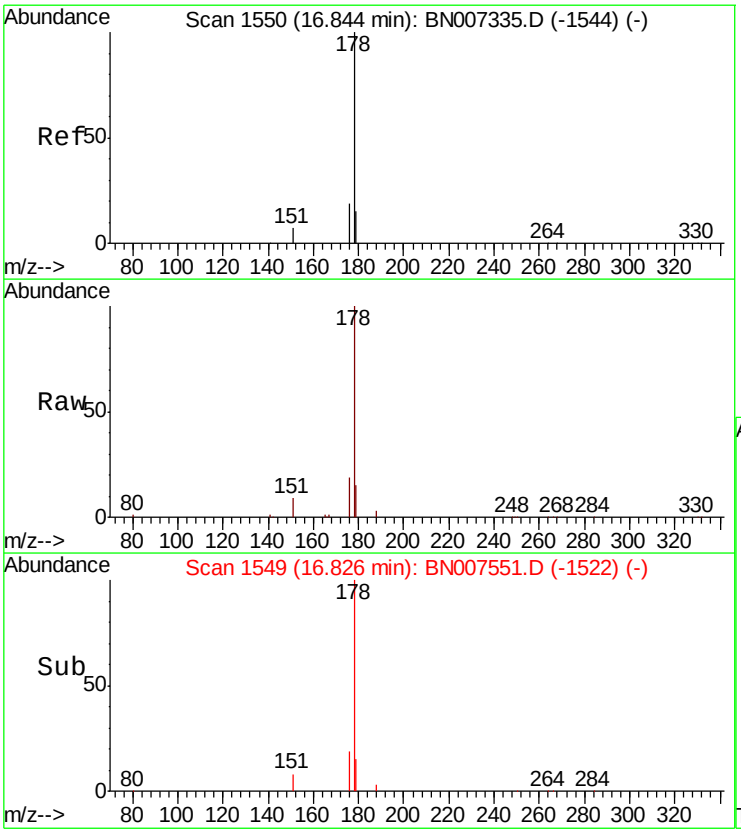
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 30251

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	11.8	17.8

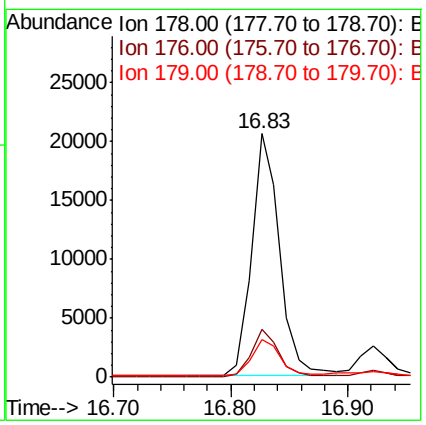


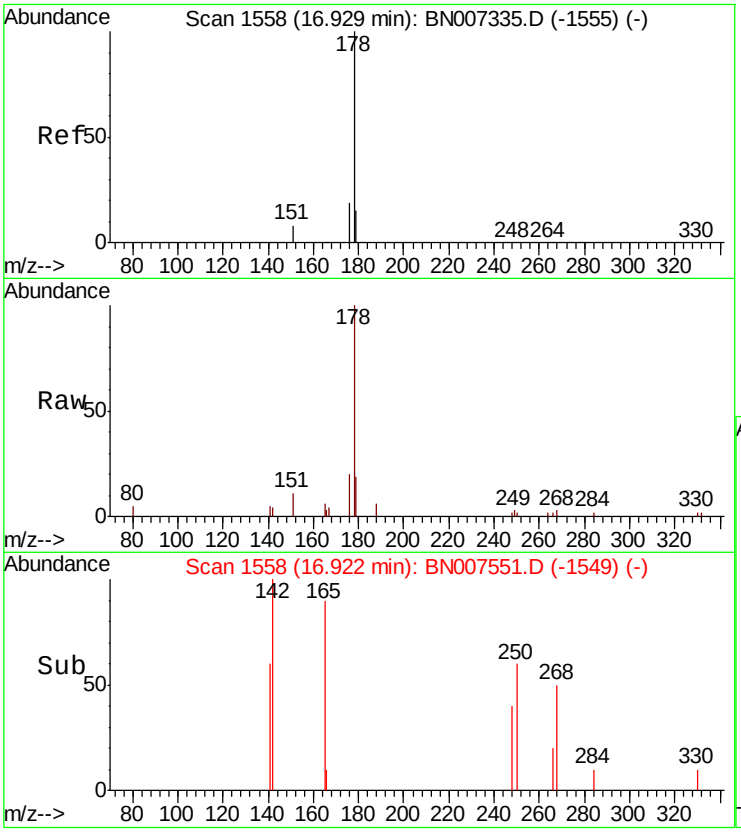


#23
Phenanthrene
Concen: 0.376 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:178 Resp: 34173

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.3	12.6	19.0



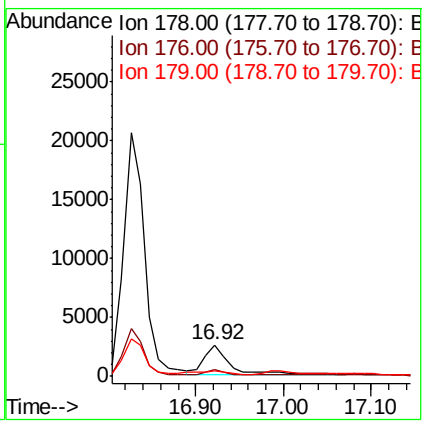


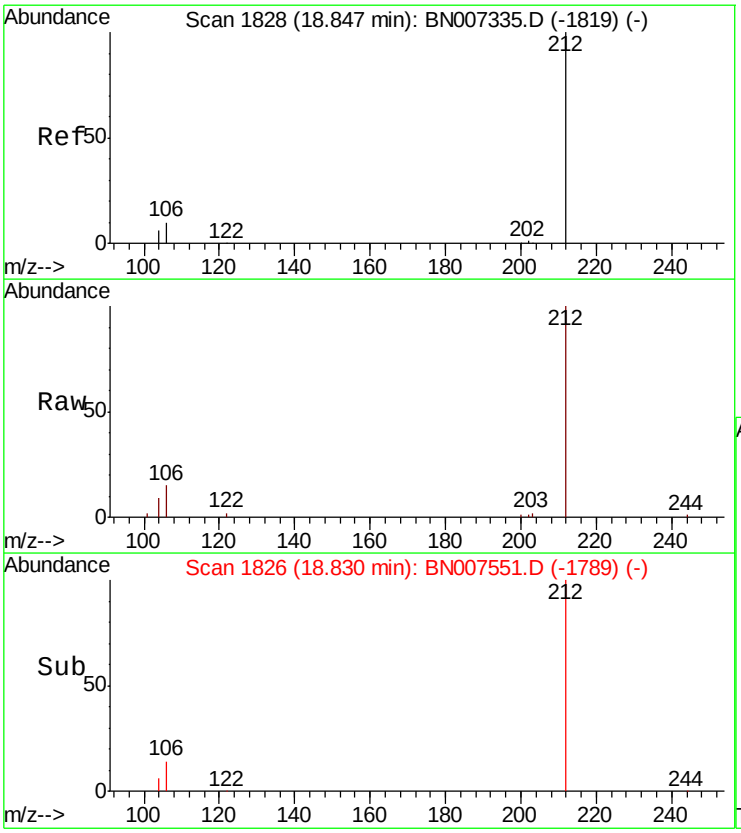
#24
Anthracene
Concen: 0.053 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4809

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.9	22.3
179	16.9	12.4	18.6

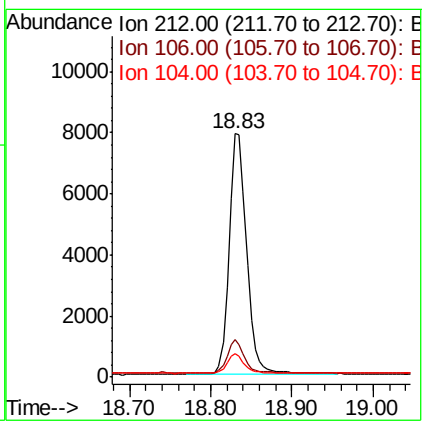


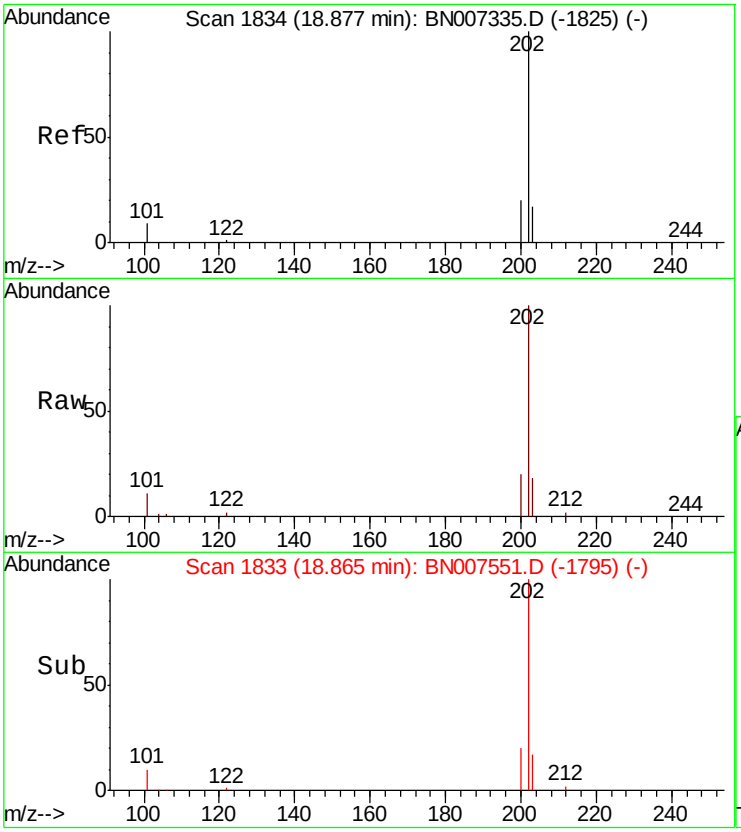


#25
Fluoranthene-d10
Concen: 0.122 ng
RT: 18.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:212 Resp: 11888

Ion	Ratio	Lower	Upper
212	100		
106	13.9	9.0	13.4#
104	8.5	5.4	8.2#



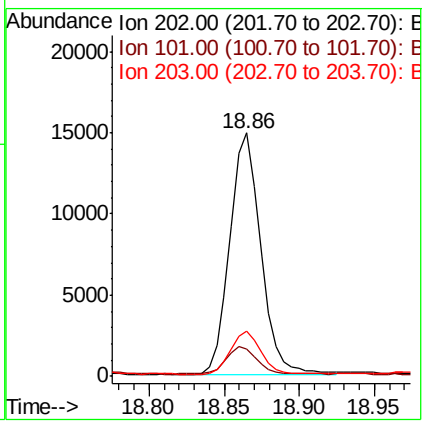


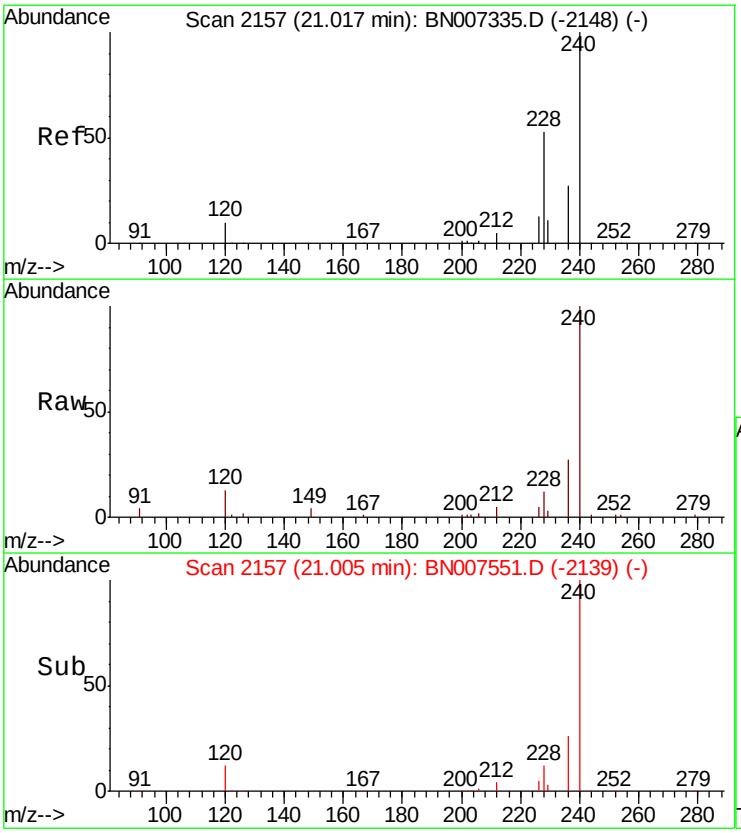
#26
Fluoranthene
Concen: 0.183 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 21391

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.7	11.5
203	17.4	13.7	20.5

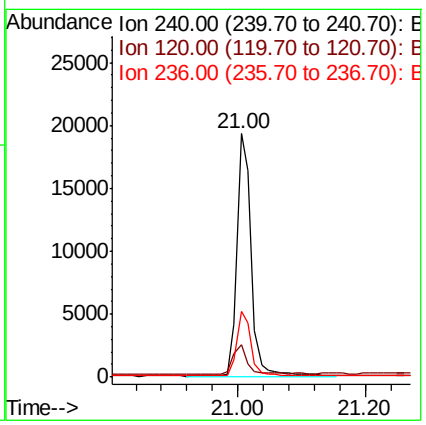


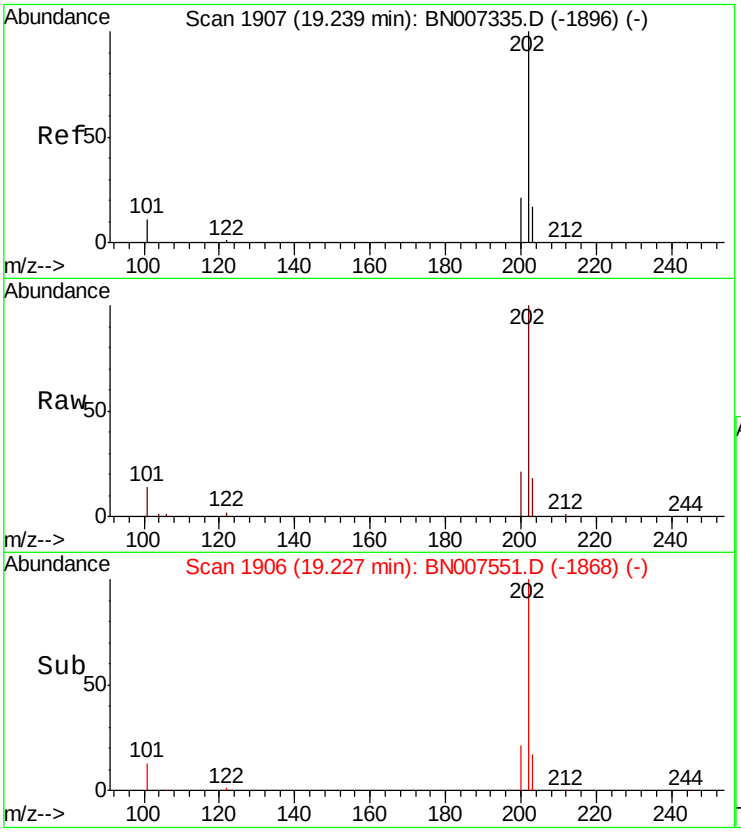


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:240 Resp: 29664

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.6	14.4
236	26.9	22.2	33.2



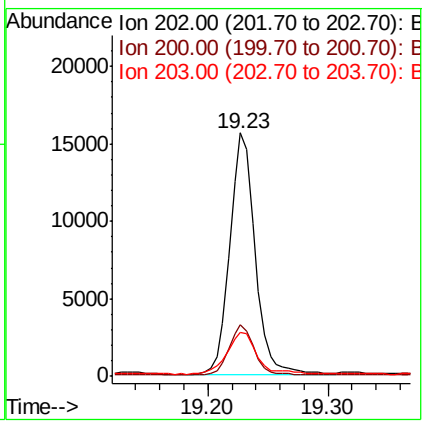


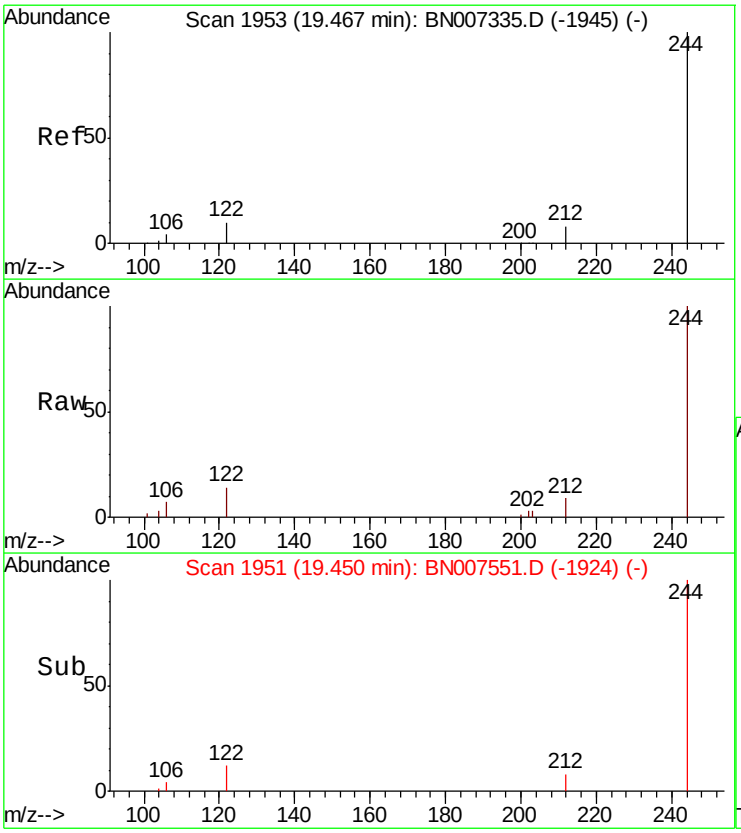
#28
Pyrene
Concen: 0.191 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 22825

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	20.5	14.2	21.4

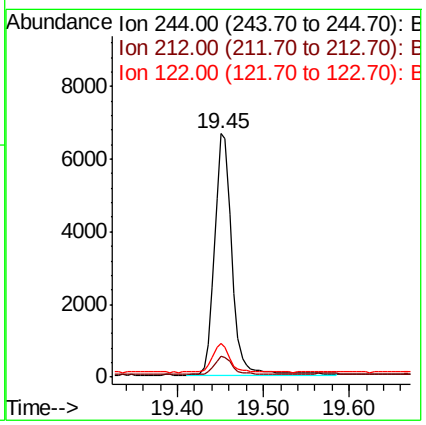


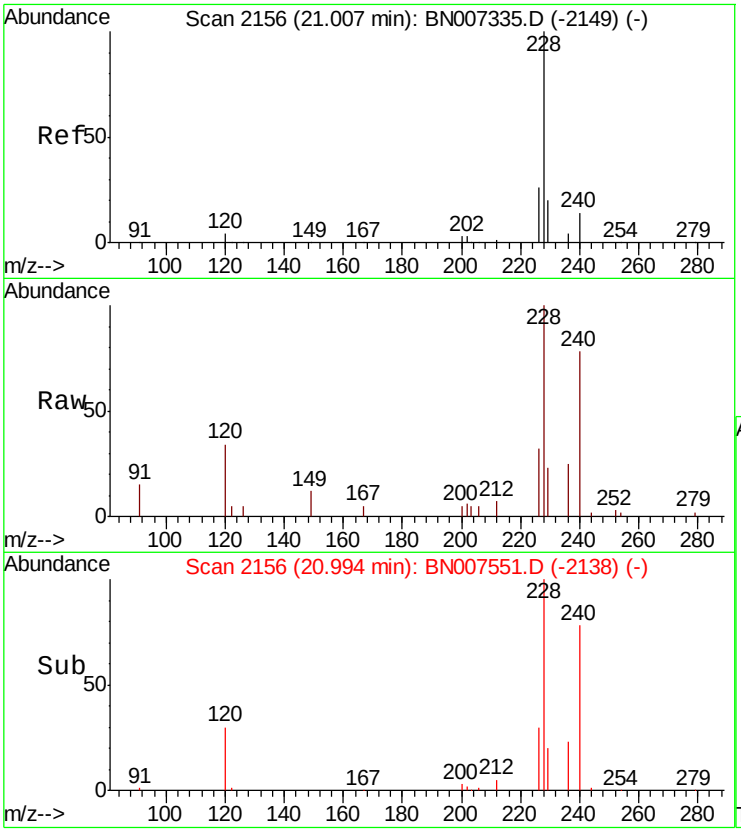


#29
Terphenyl-d14
Concen: 0.120 ng
RT: 19.45 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:244 Resp: 9296

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	13.8	9.6	14.4



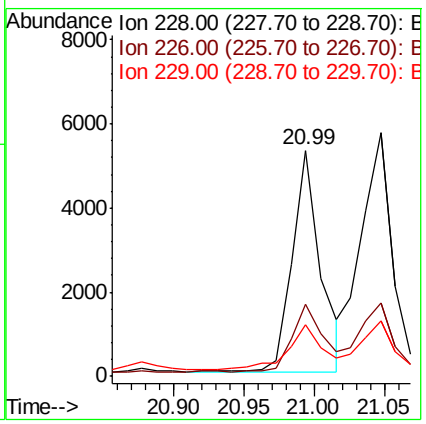


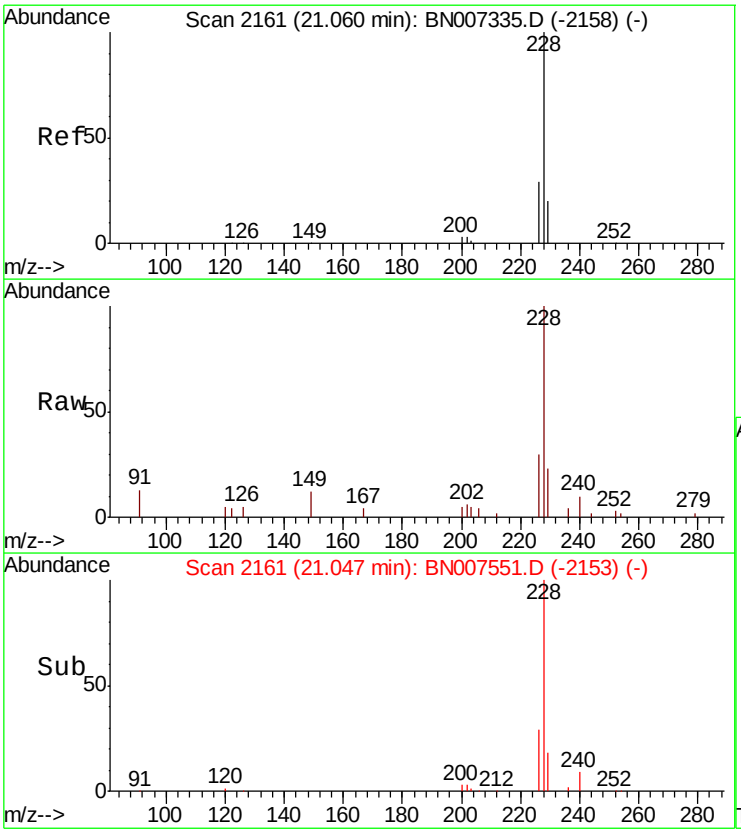
#30
Benzo(a)anthracene
Concen: 0.063 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7385

Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.3	31.9
229	22.7	16.1	24.1

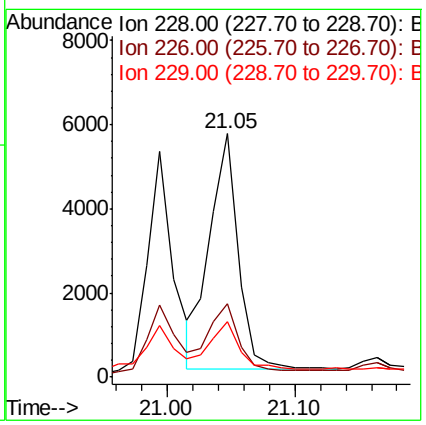


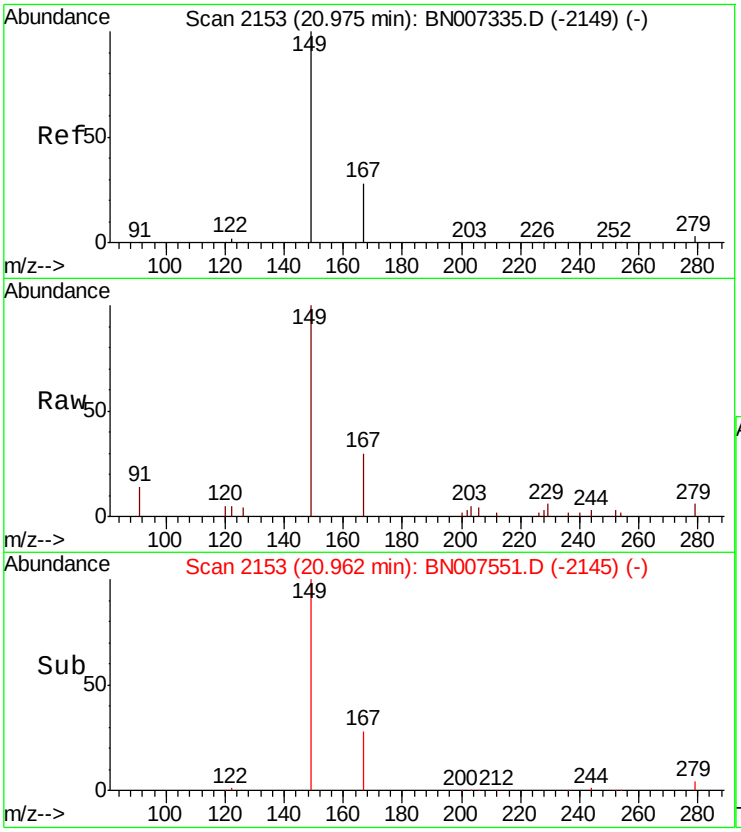


#31
Chrysene
Concen: 0.076 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:228 Resp: 8582

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	22.6	16.6	24.8



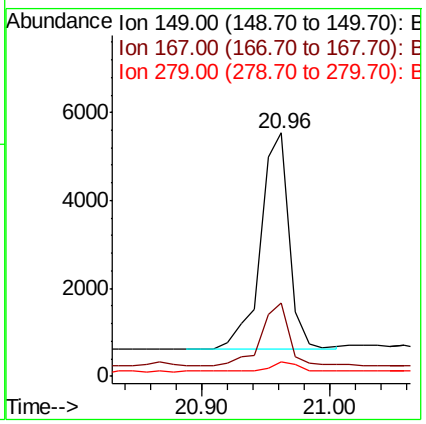


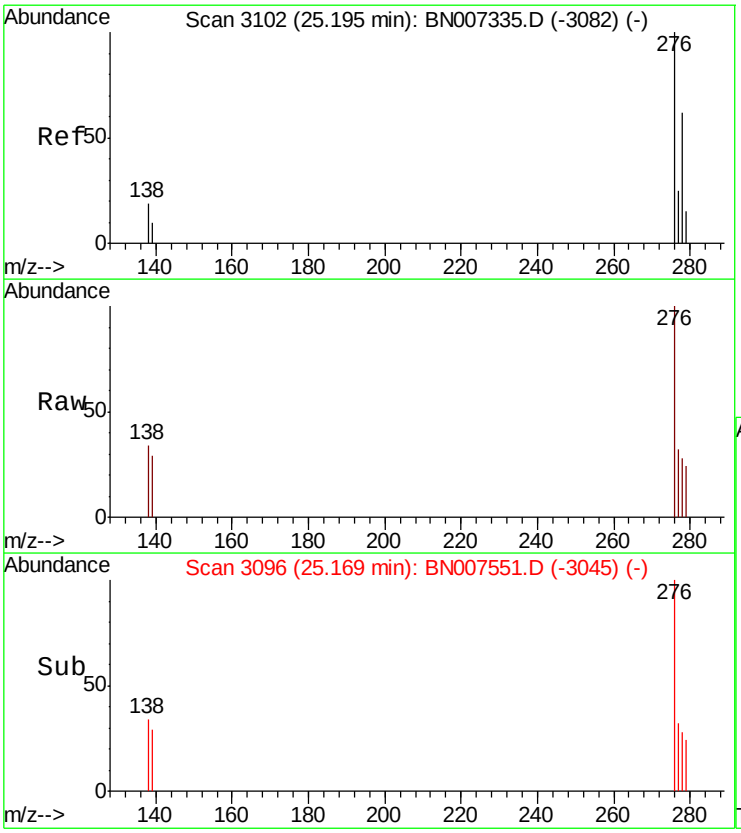
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 7714

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.8	34.2
279	4.2	3.5	5.3

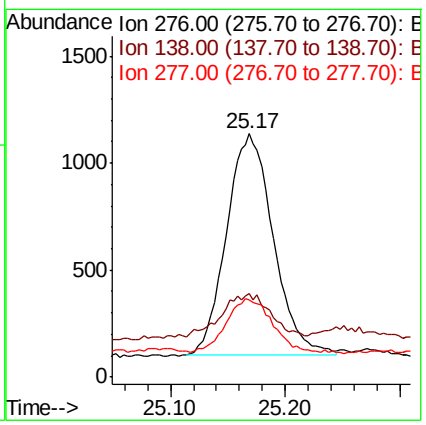


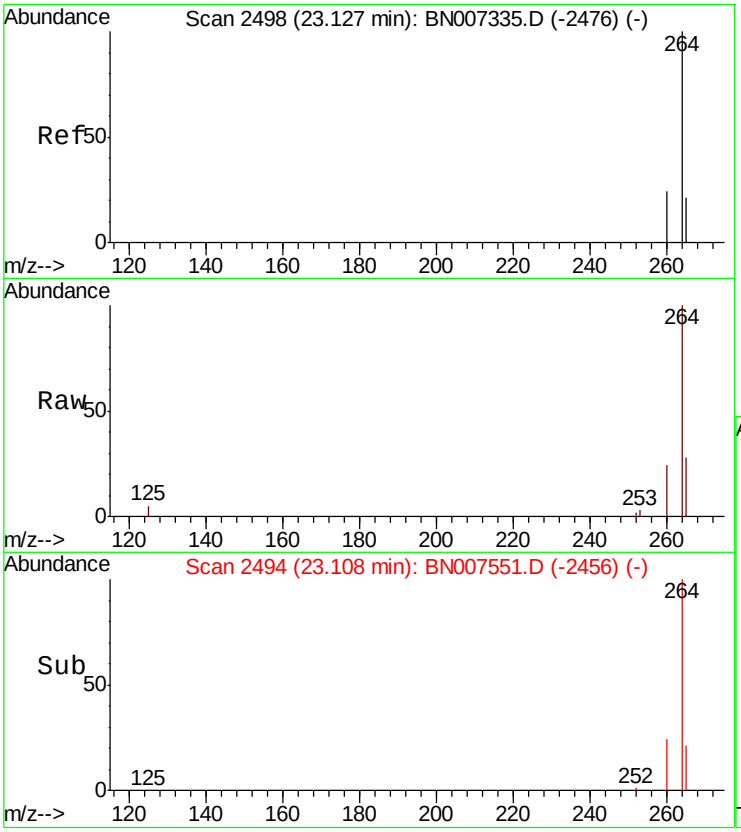


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng
RT: 25.17 min Scan# 3096
Delta R.T. -0.03 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:276 Resp: 2943

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
277	23.1	19.7	29.5



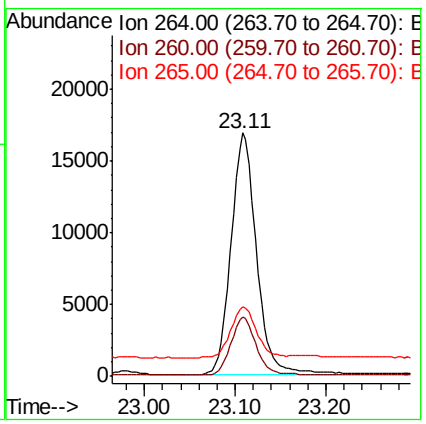


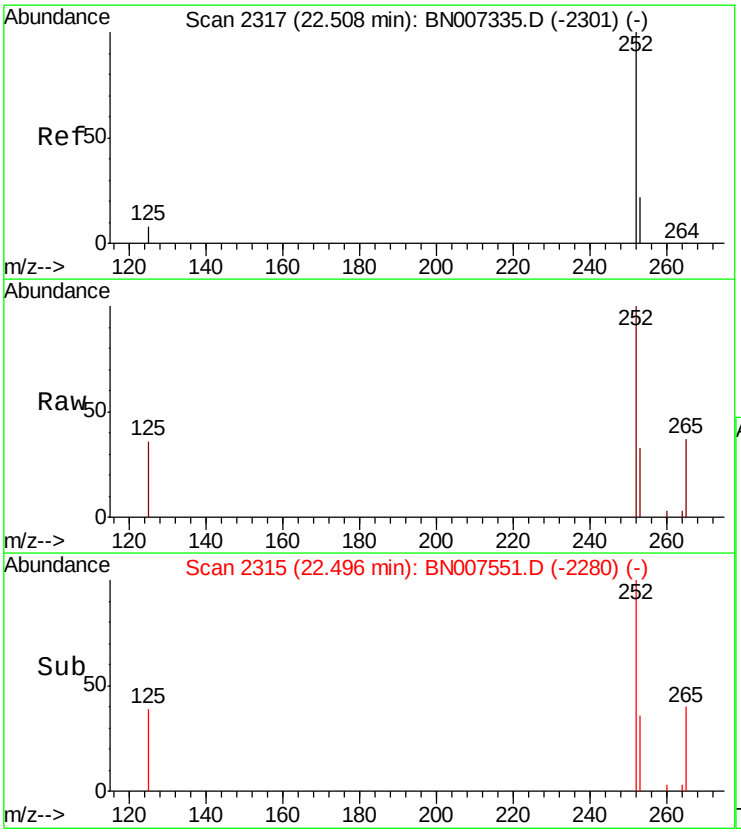
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 32747

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	28.5	29.9	44.9#

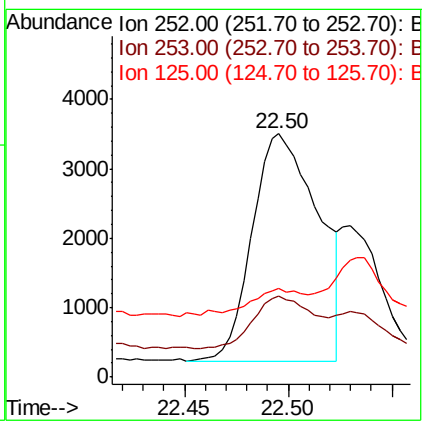


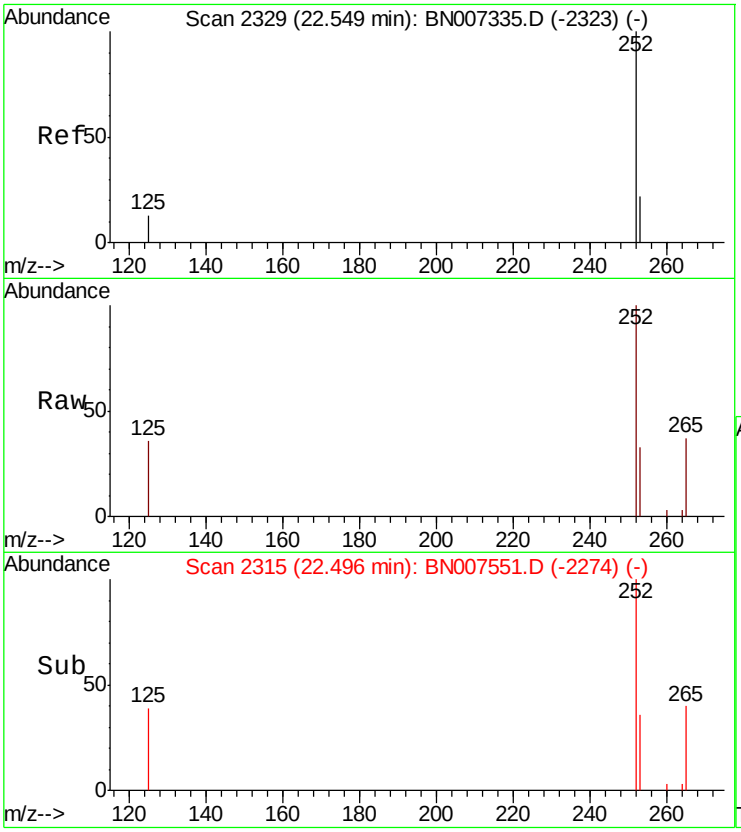


#35
Benzo(b)fluoranthene
Concen: 0.061 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:252 Resp: 7231

Ion	Ratio	Lower	Upper
252	100		
253	33.2	19.2	28.8#
125	36.4	10.6	16.0#



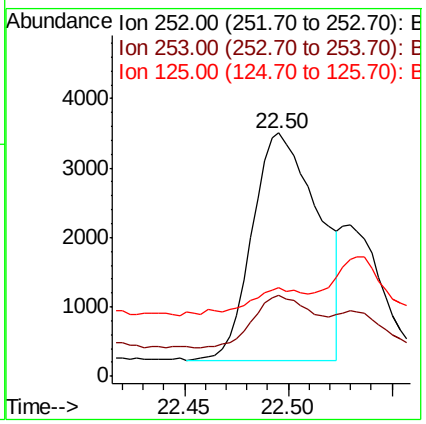


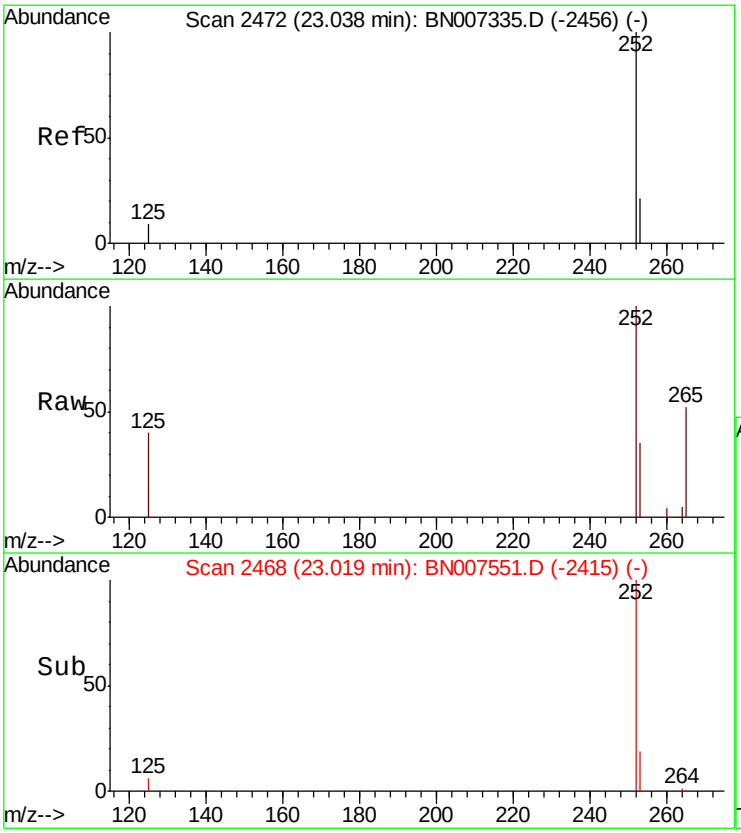
#36
Benzo(k)fluoranthene
Concen: 0.062 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.05 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7231

Ion	Ratio	Lower	Upper
252	100		
253	33.2	19.4	29.2#
125	36.4	13.1	19.7#

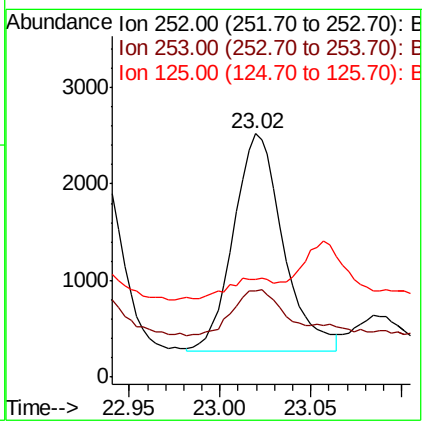


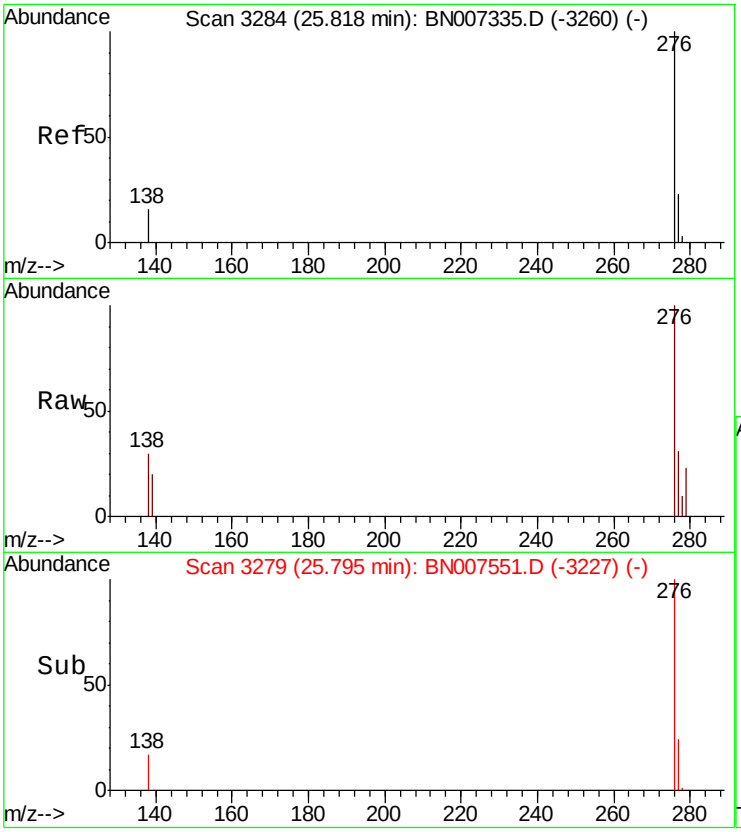


#37
Benzo(a)pyrene
Concen: 0.038 ng
RT: 23.02 min Scan# 2468
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Tgt Ion:252 Resp: 4289

Ion	Ratio	Lower	Upper
252	100		
253	35.5	19.5	29.3#
125	40.2	12.1	18.1#





#39
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 25.80 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BN007551.D
Acq: 06 Sep 2019 20:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3199

Ion	Ratio	Lower	Upper
276	100		
277	31.4	19.6	29.4#
138	30.2	16.3	24.5#