Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081419\

Quantitation Report (QT Reviewed)

Data File : BN007184.D
Acq On : 15 Aug 2019 03:41
Operator : HP/JU
Sample : K4282-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-035-B240-080819

Quant Time: Aug 15 11:53:08 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	7.43	152	7663	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	28713	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	15543	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	35123	0.40	ng		0.00
26) Chrysene-d12	21.03	240	33601	0.40	ng		-0.02
32) Perylene-d12	23.15	264	37833	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	1571	0.09	ng		0.00
4) Phenol-d6	6.61	99	2083	0.09	ng		0.00
7) Nitrobenzene-d5	8.55	82	1701	0.07	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	3606	0.07	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	184	0.02	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	876	0.04	ng		0.00
24) Fluoranthene-d10	18.86	212	7901	0.06	ng		-0.01
28) Terphenyl-d14	19.48	244	6054	0.07	ng		-0.02
Target Compounds							Qvalue
15) Acenaphthylene	13.79	152	6201	0.076	ng		97
22) Phenanthrene	16.87	178	8072	0.077	ng		99
25) Fluoranthene	18.89	202	14703	0.109	ng		100
27) Pyrene	19.26	202	13358	0.113	ng	#	95
29) Benzo(a)anthracene	21.02	228	8754	0.071	ng	#	76
30) Chrysene	21.08	228	9083	0.076	ng	#	92
31) Indeno(1,2,3-cd)pyrene	25.22	276	4098	0.031	ng		100
33) Benzo(b)fluoranthene	22.53	252	10234	0.079	ng	#	73
34) Benzo(k)fluoranthene	22.57	252	4519m	0.035	ng		
35) Benzo(a)pyrene	23.06	252	6463	0.055	ng	#	68
37) Benzo(g,h,i)perylene	25.85	276	4032	0.033	ng	#	64

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

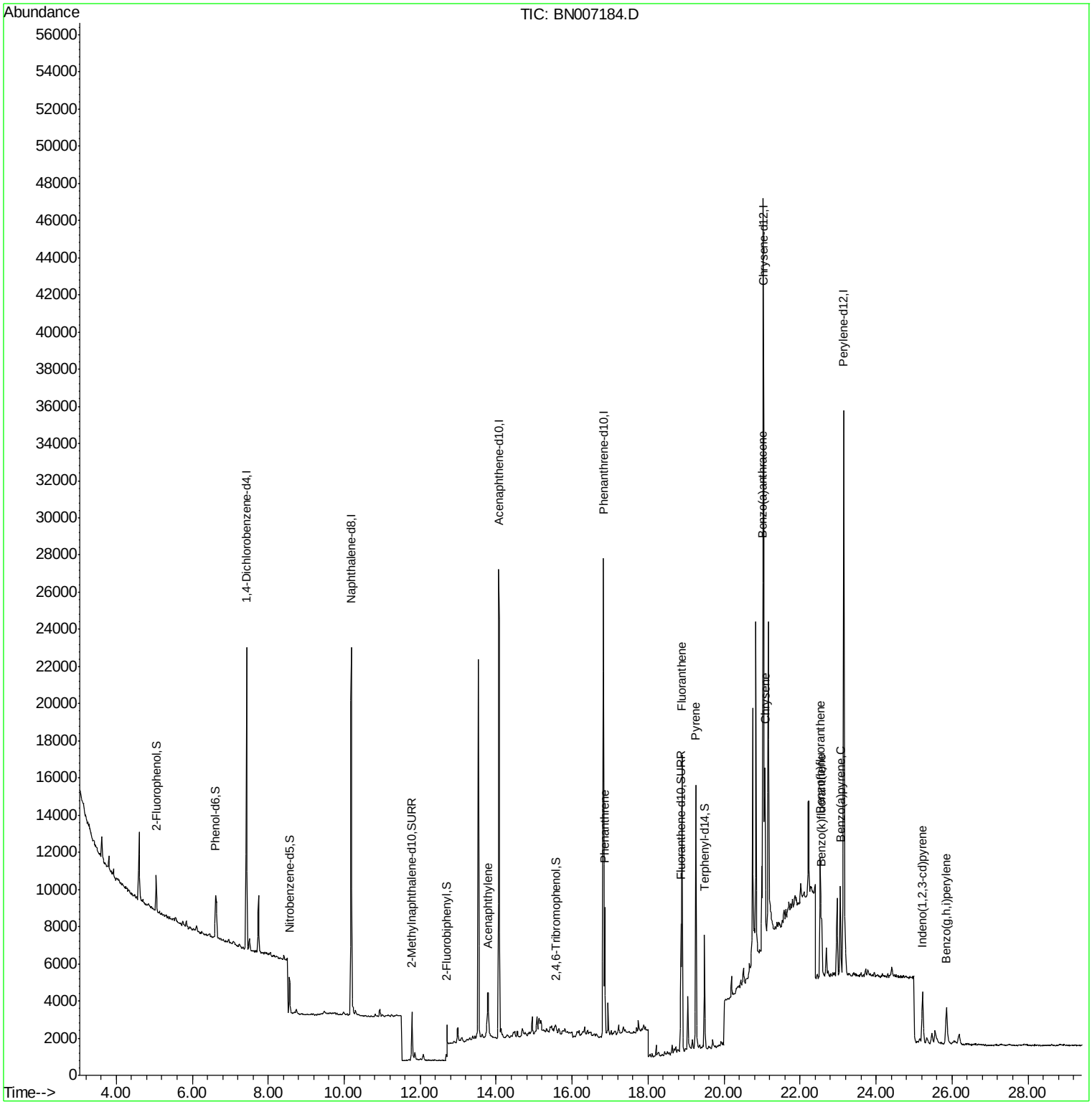
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081419\

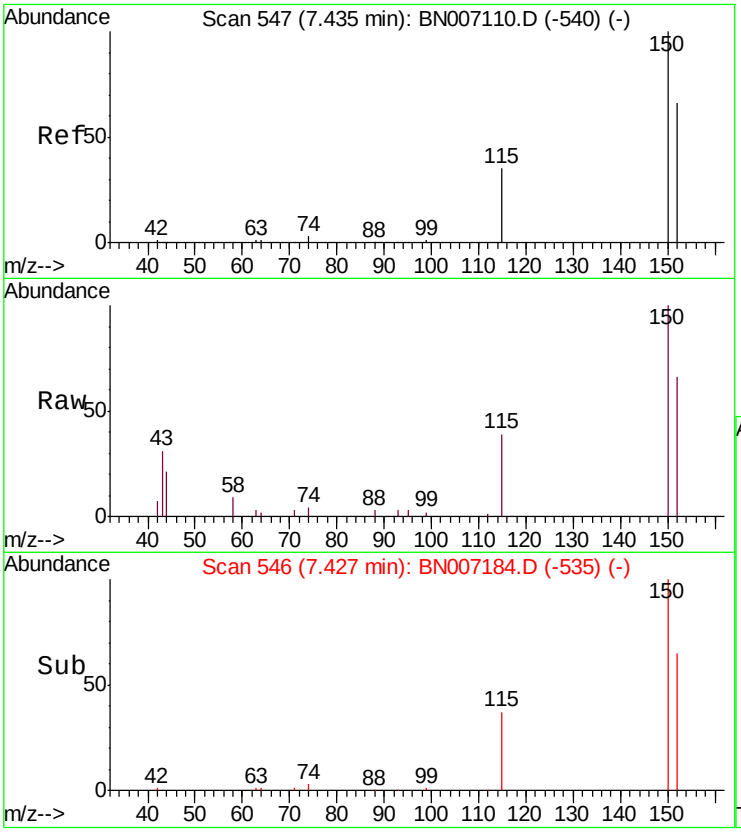
Quantitation Report (QT Reviewed)

Data File : BN007184.D
Acq On : 15 Aug 2019 03:41
Operator : HP/JU
Sample : K4282-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Quant Time: Aug 15 11:53:08 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



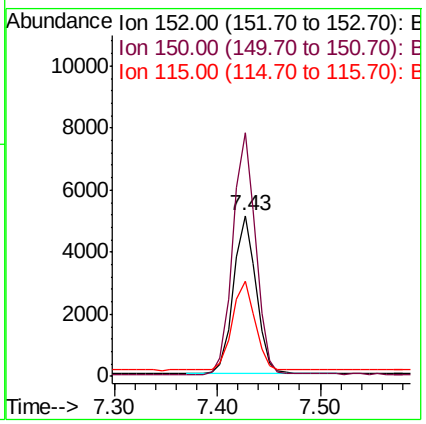


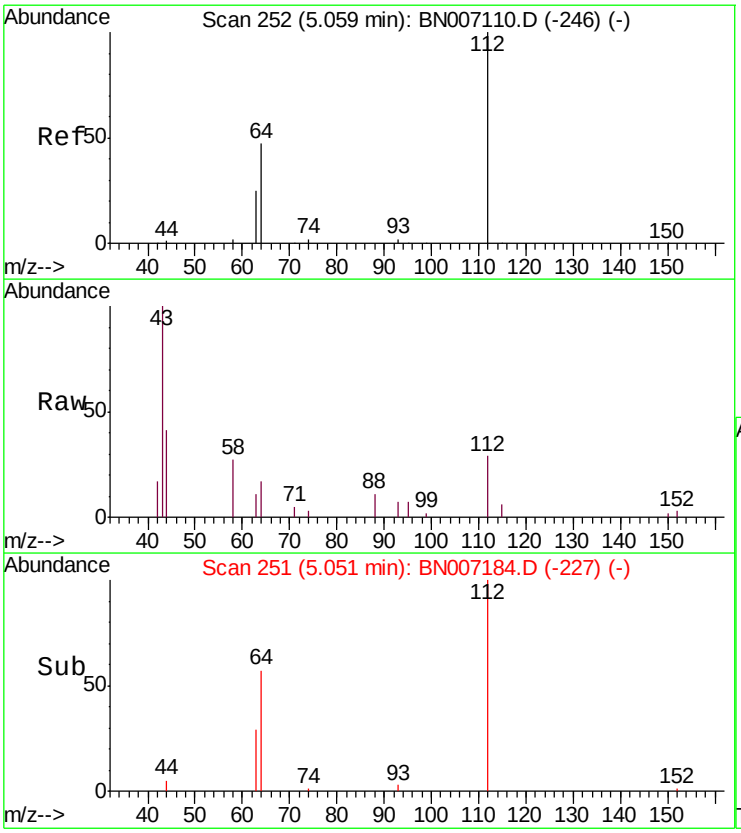
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:152 Resp: 7663

Ion	Ratio	Lower	Upper
152	100		
150	151.3	121.7	182.5
115	58.7	46.2	69.4

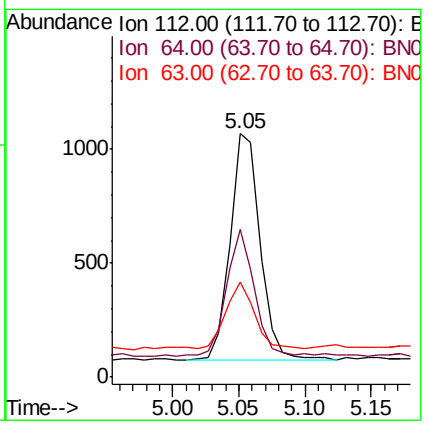


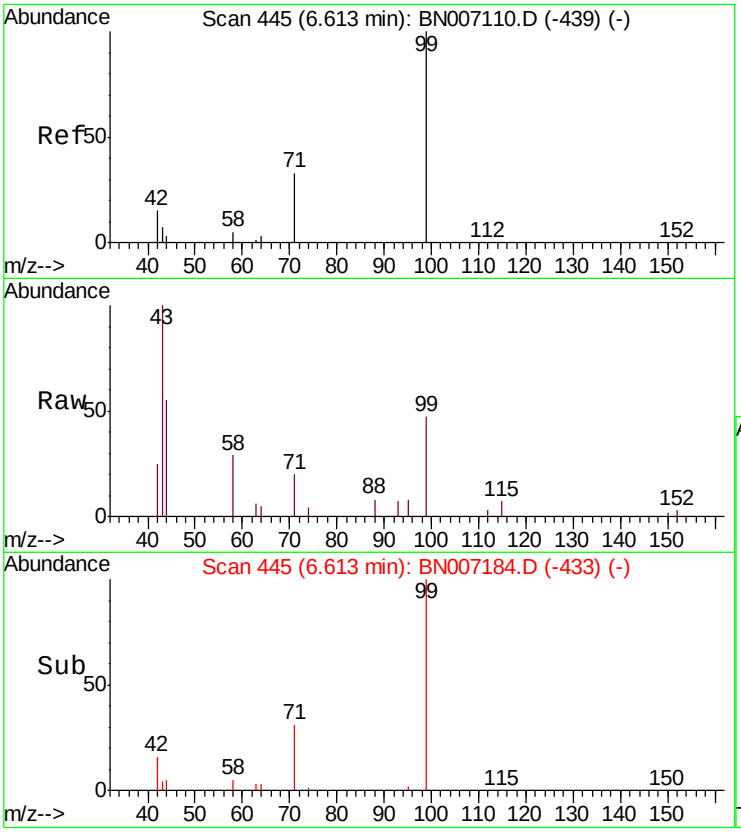


#3
2-Fluorophenol
Concen: 0.085 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:112 Resp: 1571

Ion	Ratio	Lower	Upper
112	100		
64	50.7	42.6	63.8
63	28.0	22.2	33.2



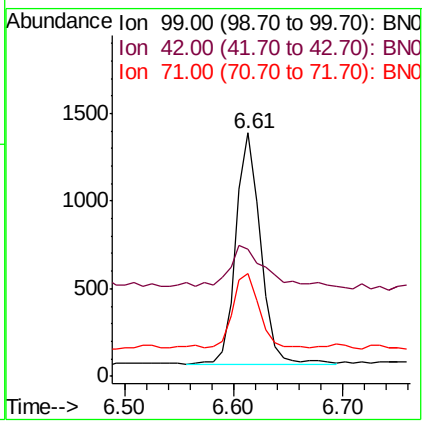


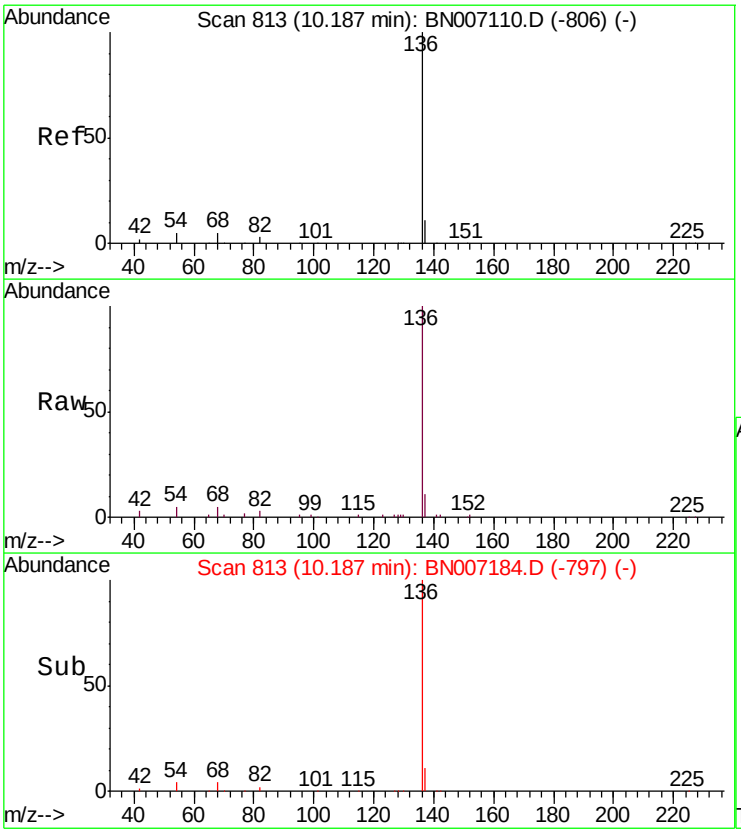
#4
Phenol-d6
Concen: 0.091 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion: 99 Resp: 2083

Ion	Ratio	Lower	Upper
99	100		
42	30.4	15.8	23.6#
71	34.8	27.0	40.4

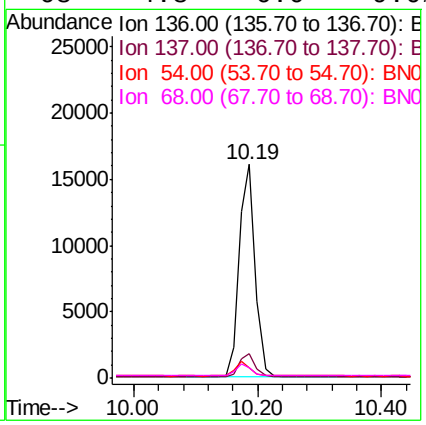


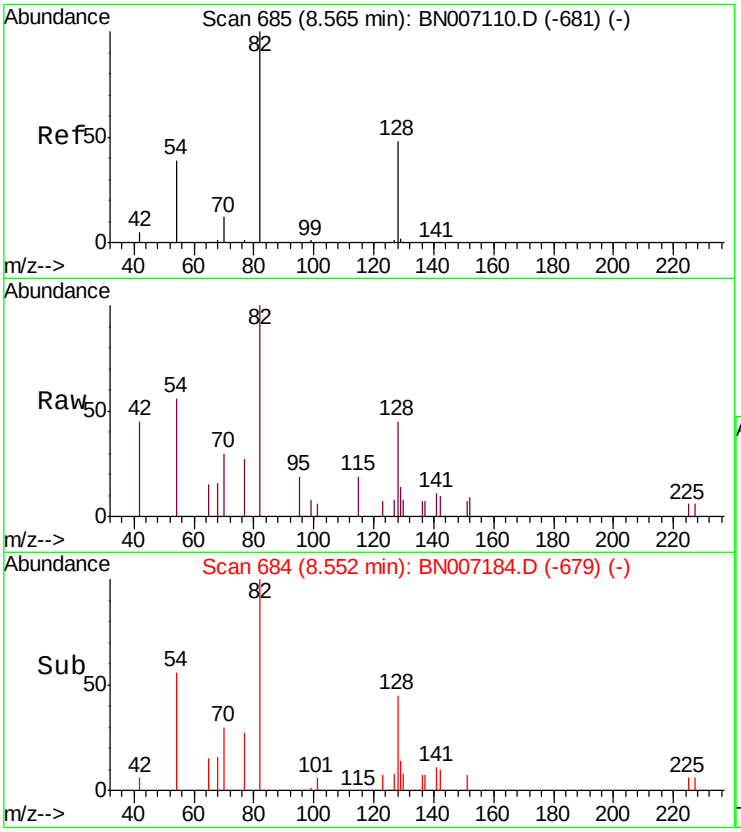


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:136 Resp: 28713

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	5.0	6.6	9.8#
68	4.8	6.0	9.0#



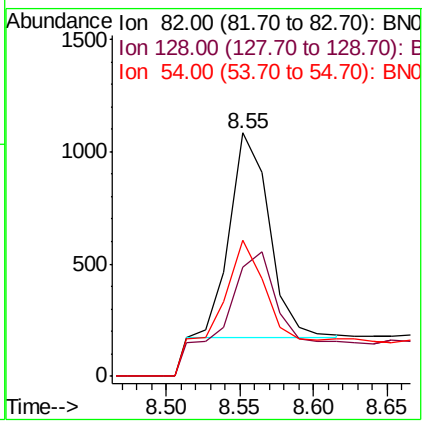


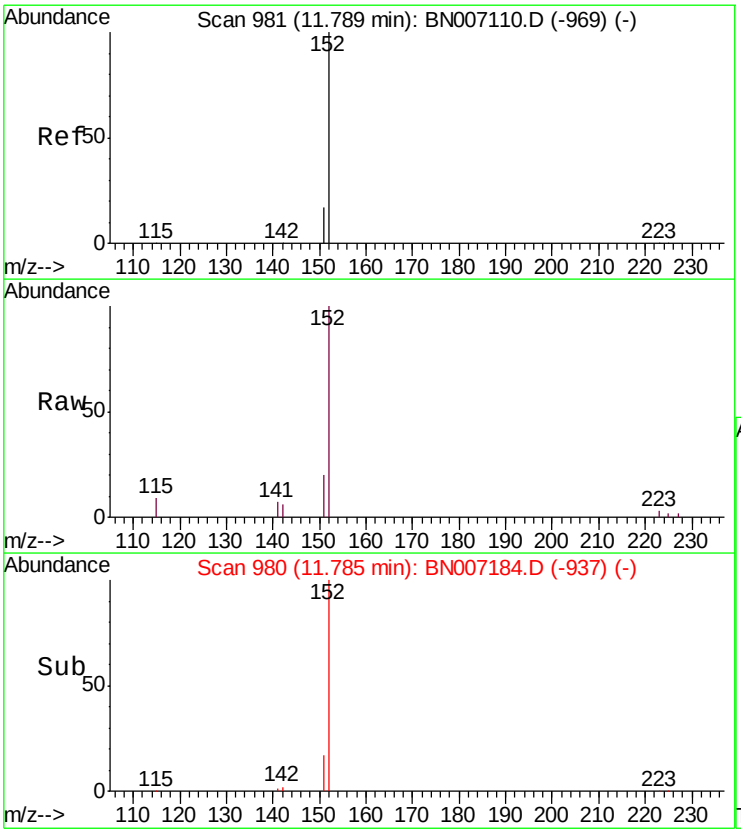
#7
Nitrobenzene-d5
Concen: 0.073 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion: 82 Resp: 1701

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	55.9	36.2	54.4#

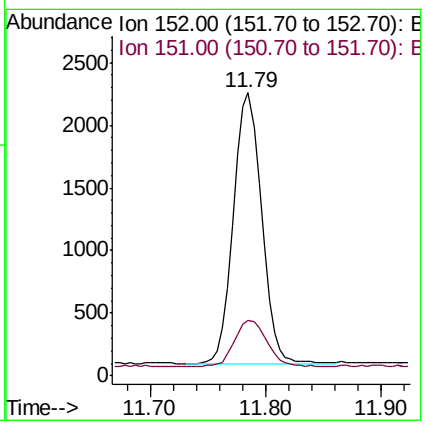


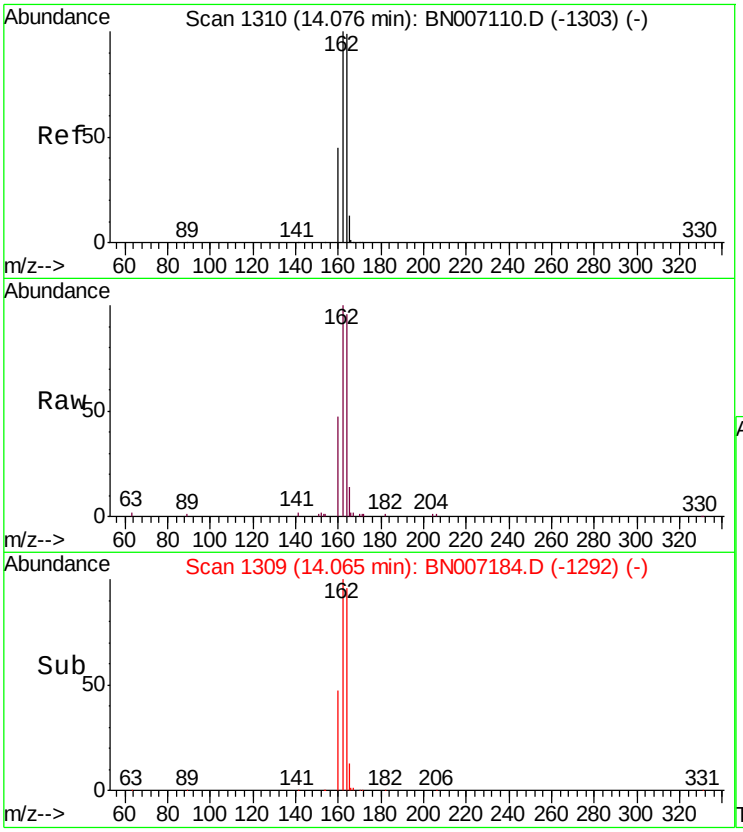


#10
2-Methylnaphthalene-d10
Concen: 0.067 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:152 Resp: 3606

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3



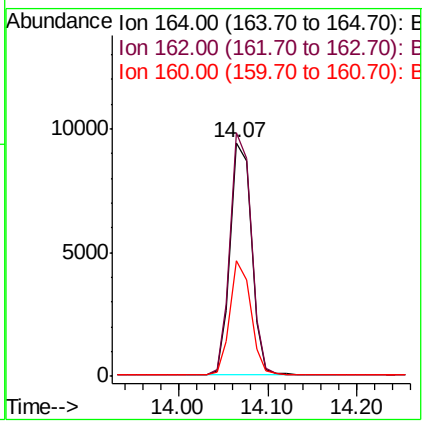


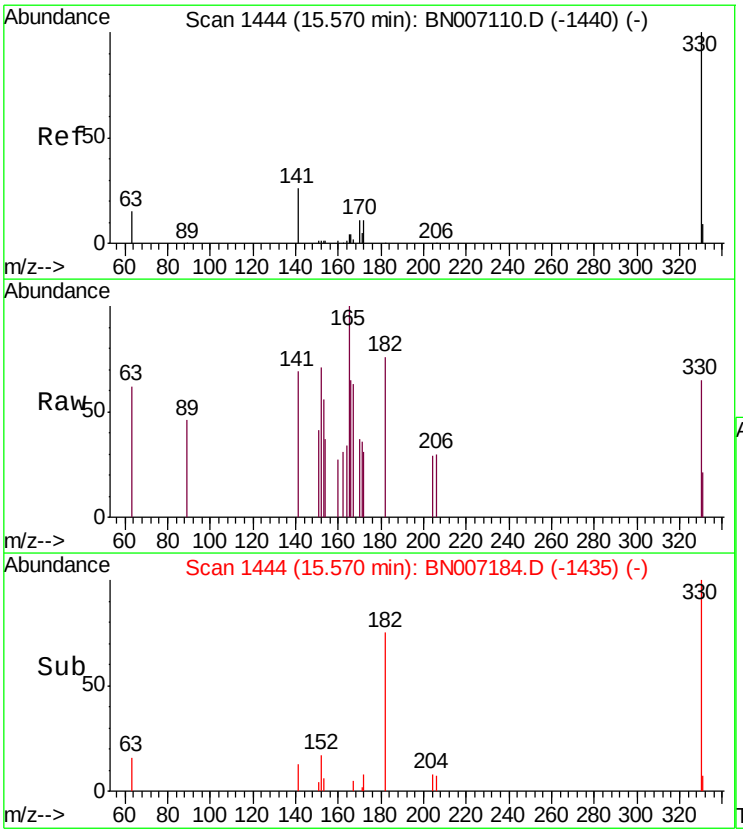
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:164 Resp: 15543

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	49.4	38.3	57.5

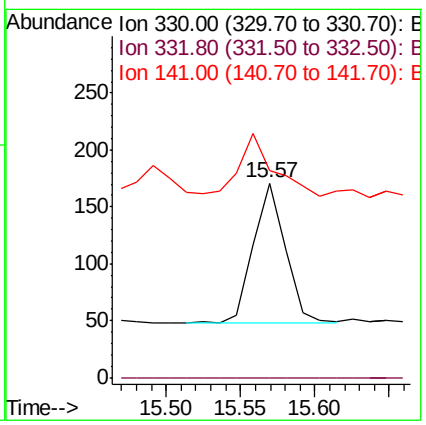


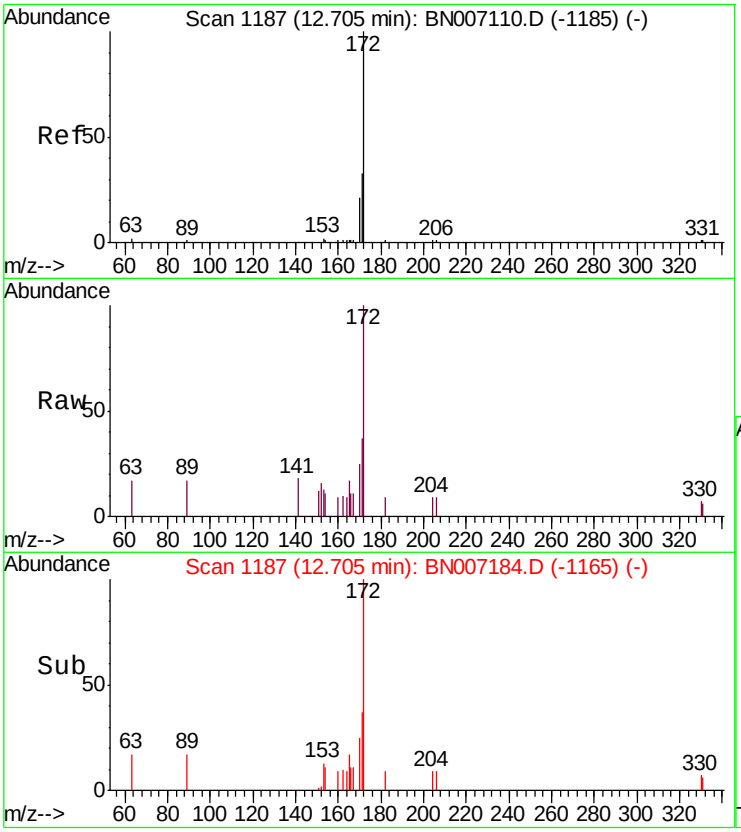


#13
2,4,6-Tribromophenol
Concen: 0.022 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:330 Resp: 184

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.8	33.6	50.4



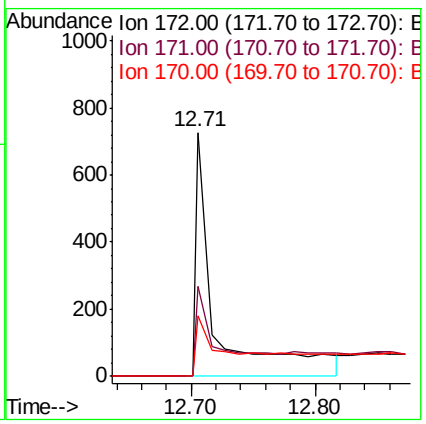


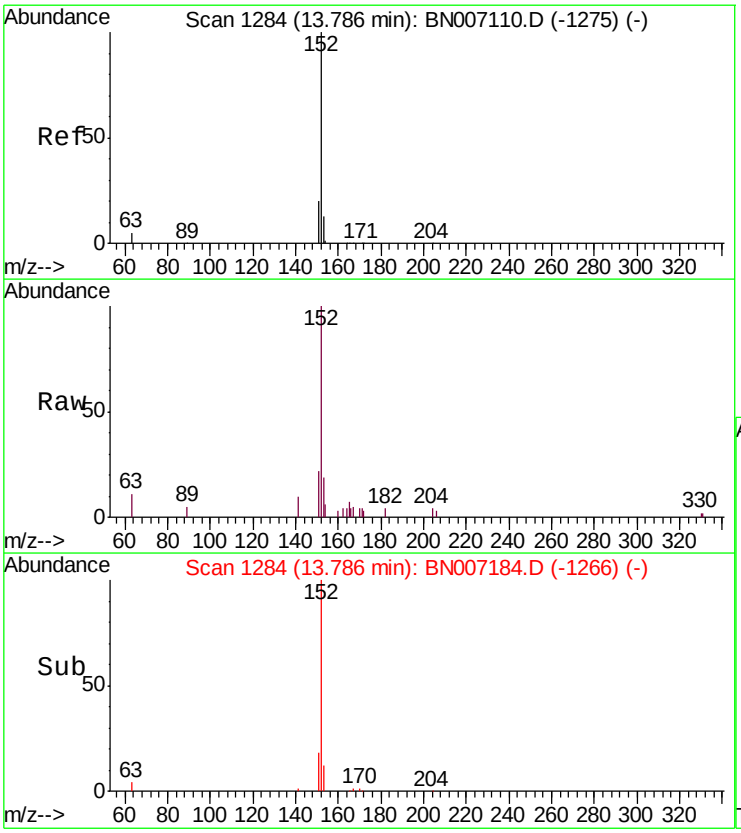
#14
2-Fluorobiphenyl
Concen: 0.039 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:172 Resp: 876

Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.3	39.5
170	25.1	17.0	25.4

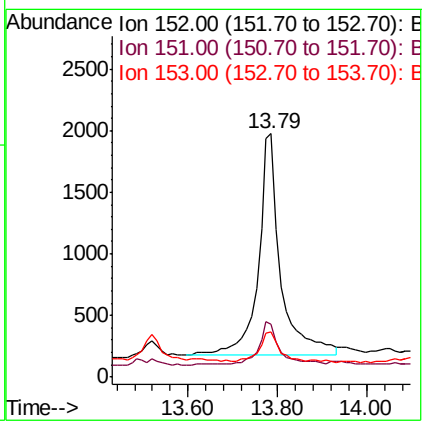


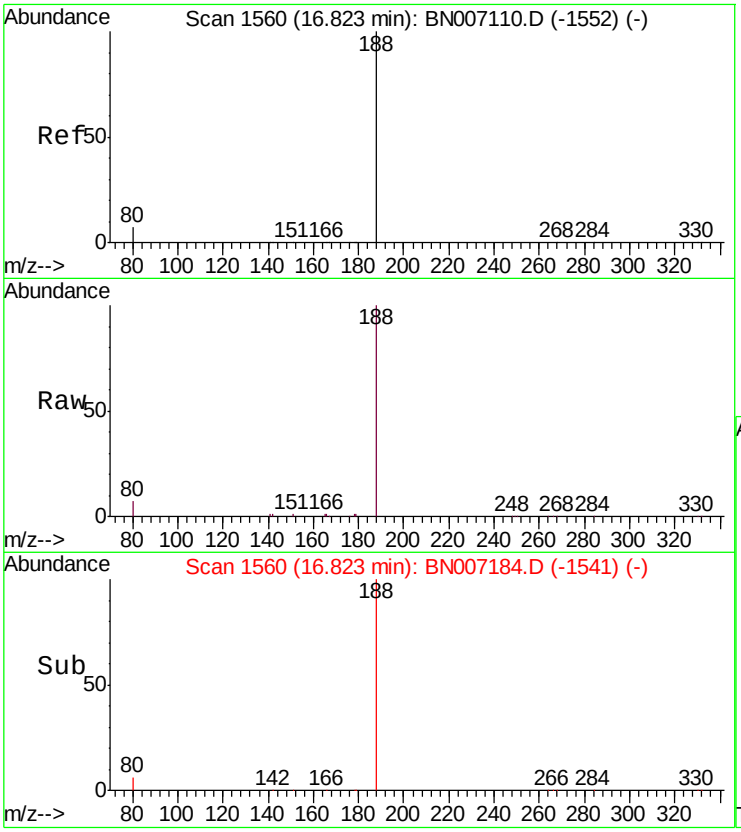


#15
Acenaphthylene
Concen: 0.076 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:152 Resp: 6201

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.8	23.6
153	11.8	10.4	15.6



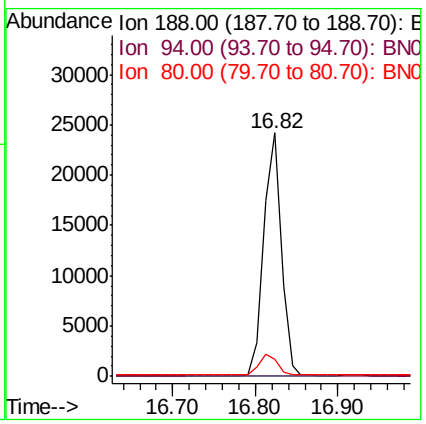


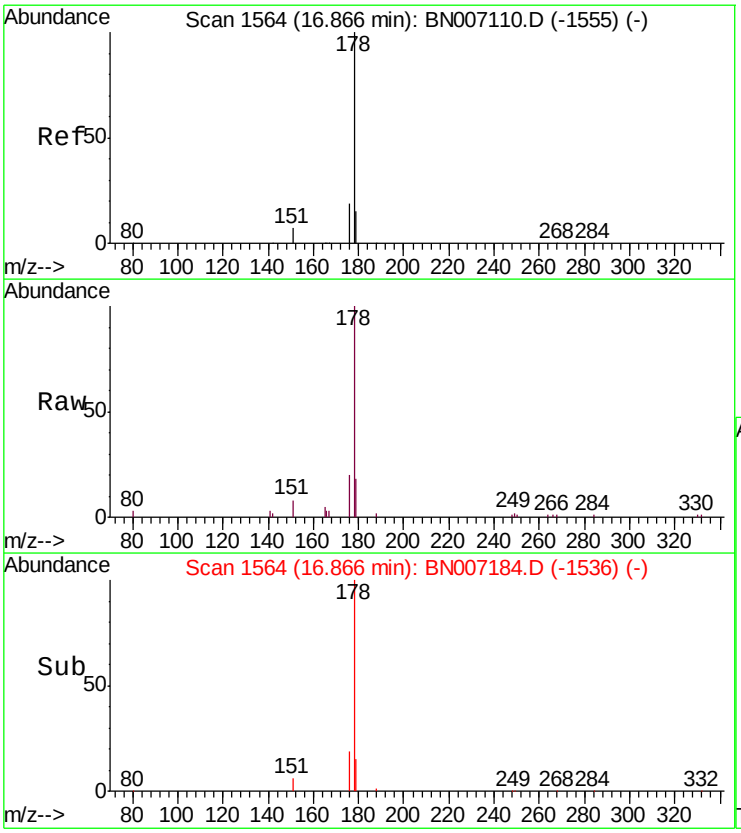
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:188 Resp: 35123

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	7.8	11.6#

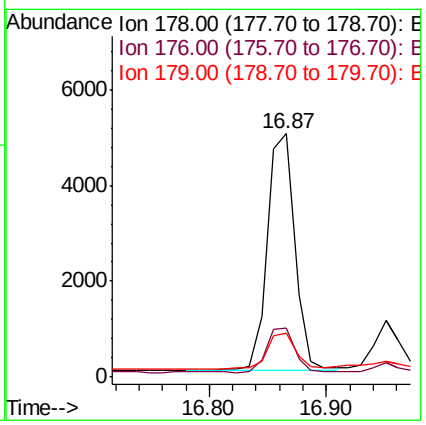


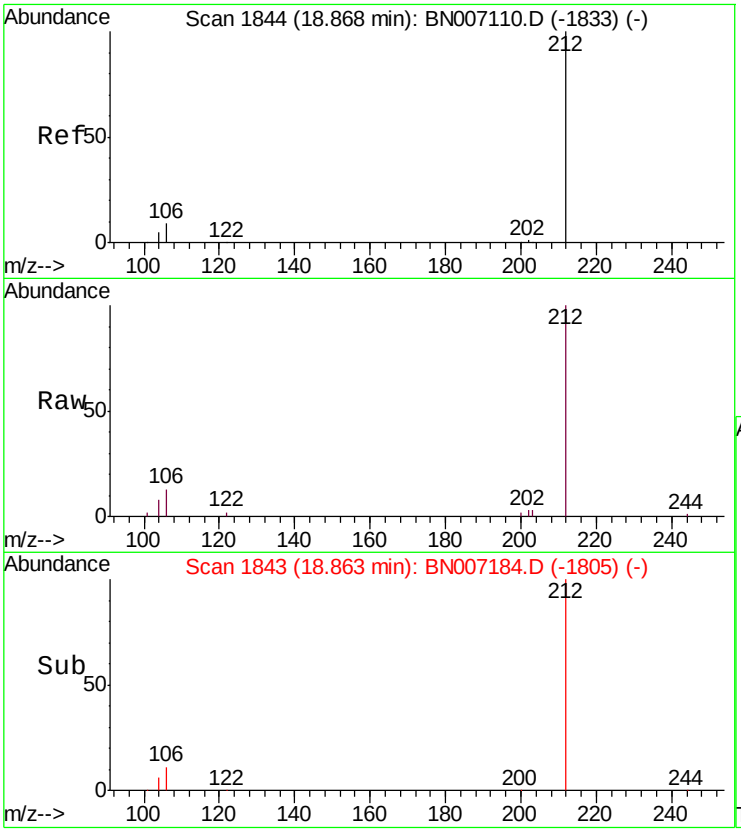


#22
Phenanthrene
Concen: 0.077 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:178 Resp: 8072

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.4	12.3	18.5



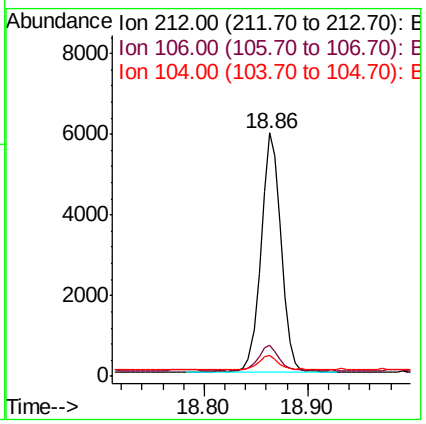


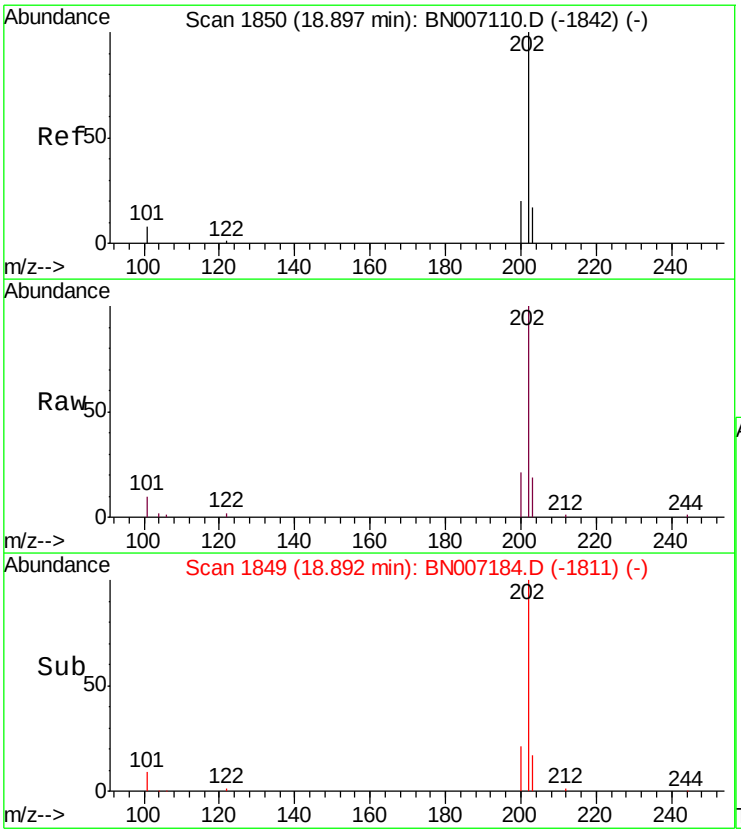
#24
Fluoranthene-d10
Concen: 0.063 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:212 Resp: 7901

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	6.9	4.5	6.7#

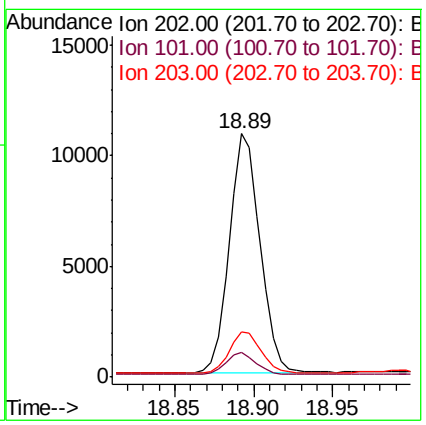


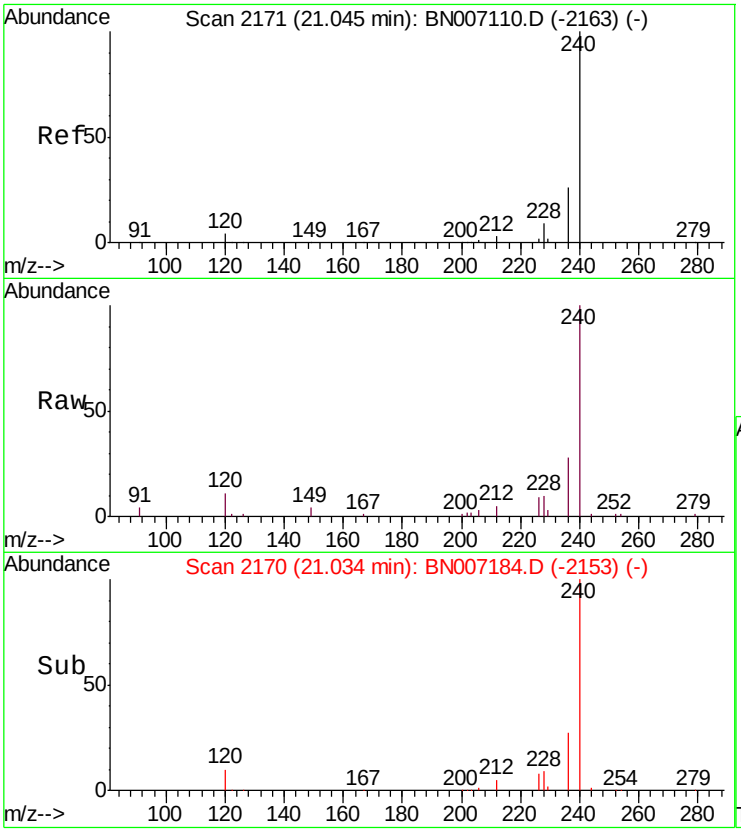


#25
Fluoranthene
Concen: 0.109 ng
RT: 18.89 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:202 Resp: 14703

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
203	17.3	13.8	20.8



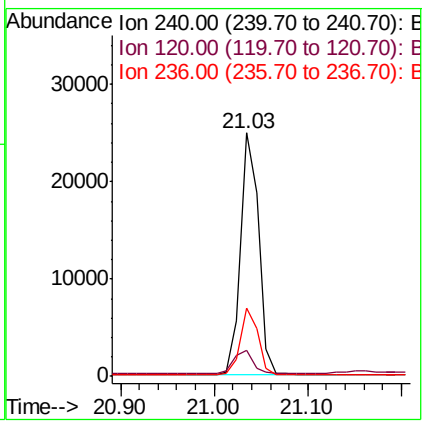


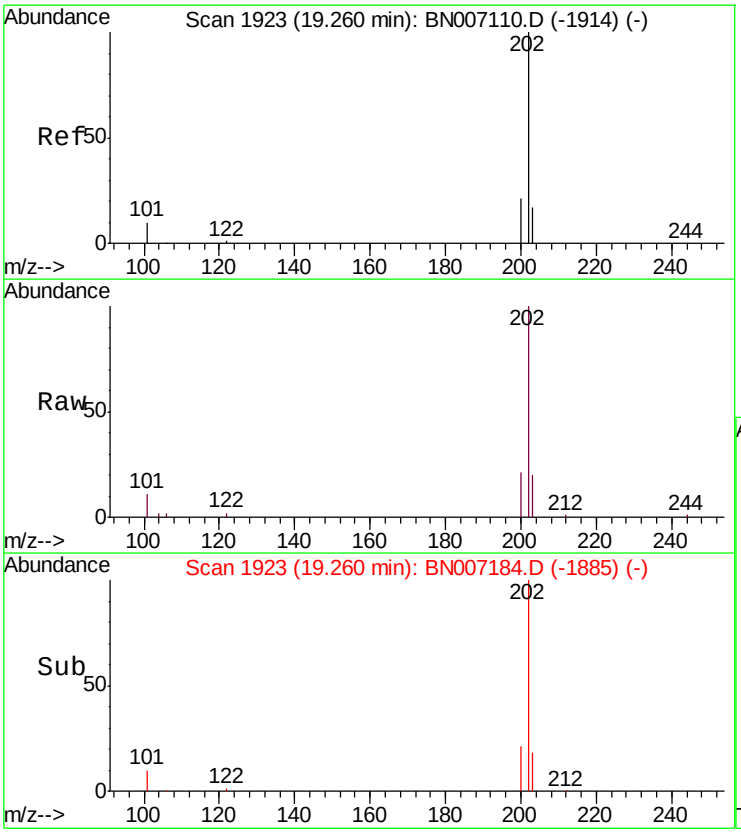
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:240 Resp: 33601

Ion	Ratio	Lower	Upper
240	100		
120	10.8	4.0	6.0#
236	27.9	21.3	31.9

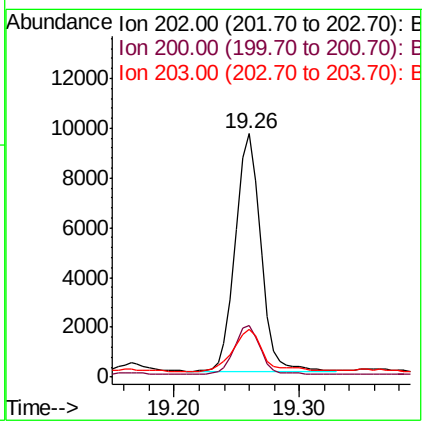


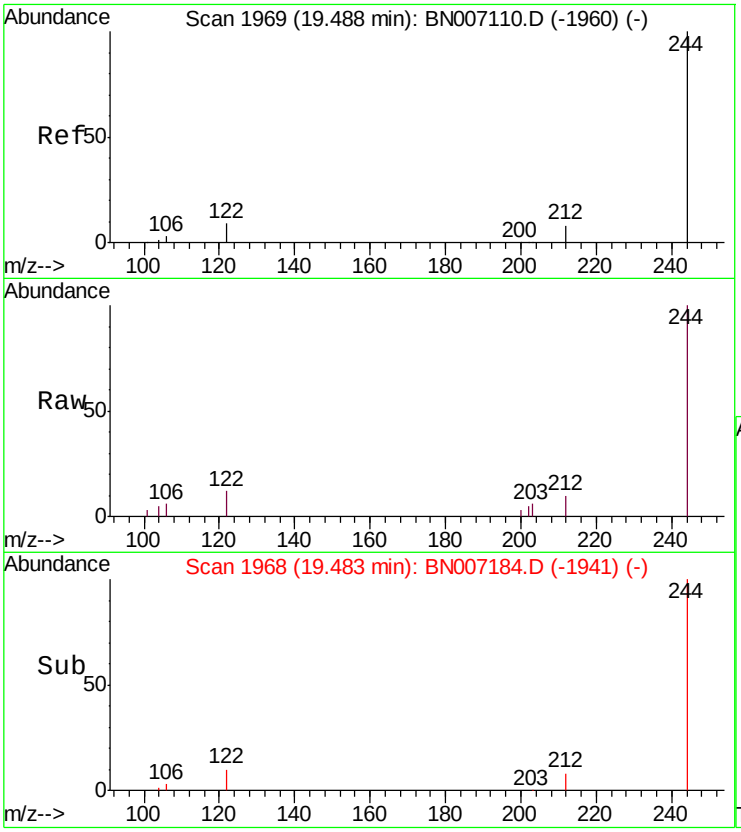


#27
Pyrene
Concen: 0.113 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:202 Resp: 13358

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	22.2	14.0	21.0#



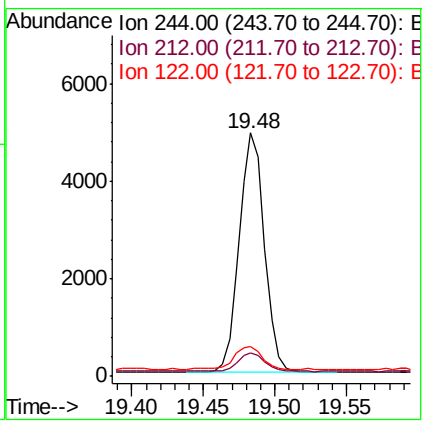


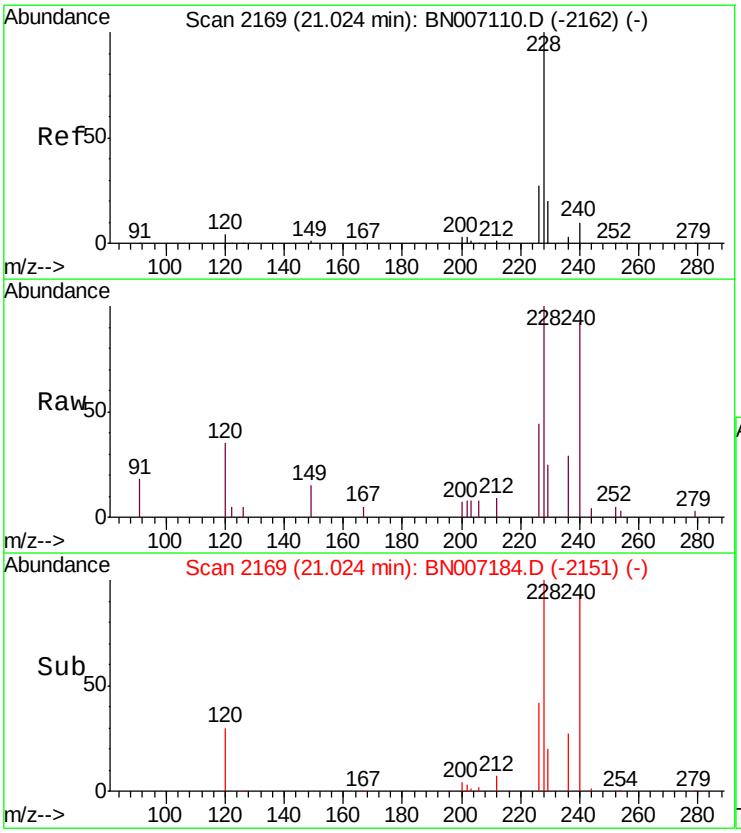
#28
Terphenyl-d14
Concen: 0.066 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:244 Resp: 6054

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.2	9.2#
122	12.3	7.4	11.2#

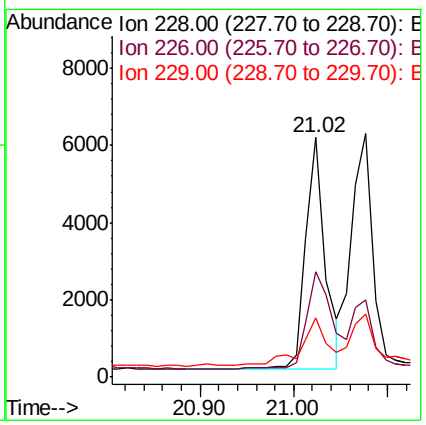


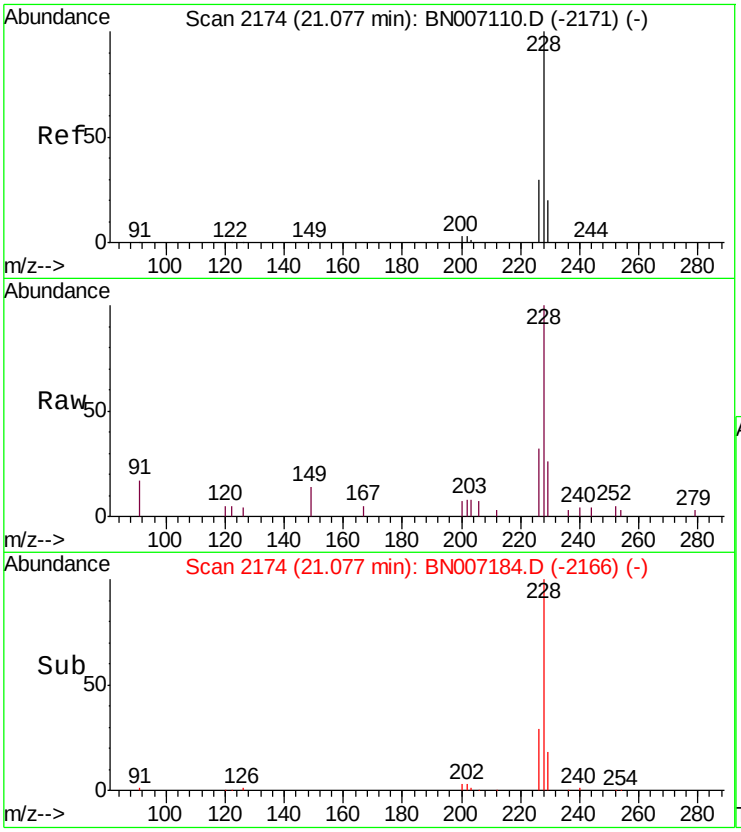


#29
Benzo(a)anthracene
Concen: 0.071 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:228 Resp: 8754

Ion	Ratio	Lower	Upper
228	100		
226	44.2	21.8	32.6#
229	24.6	15.6	23.4#



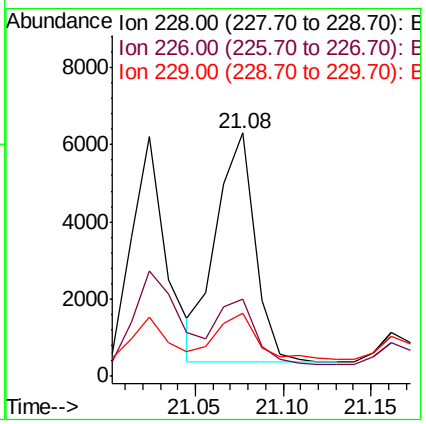


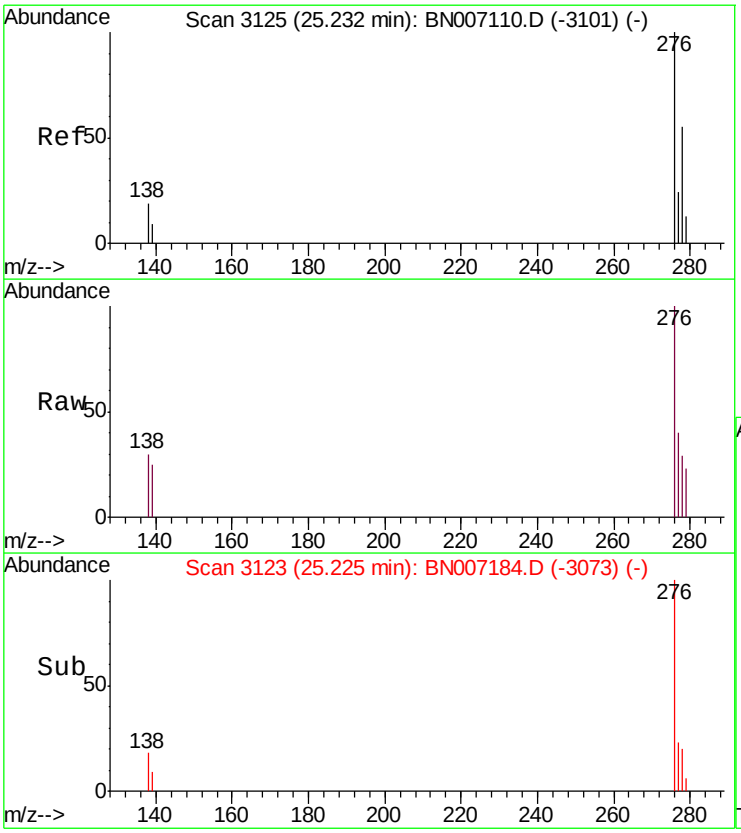
#30
Chrysene
Concen: 0.076 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:228 Resp: 9083

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.8	35.6
229	26.0	15.7	23.5#

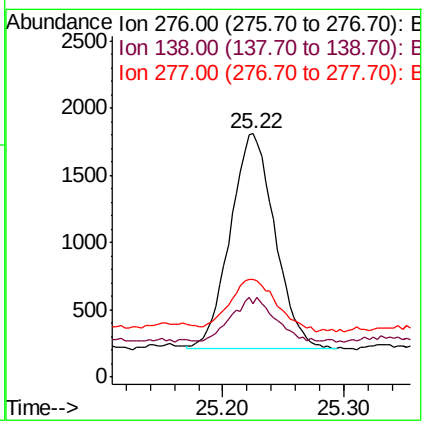


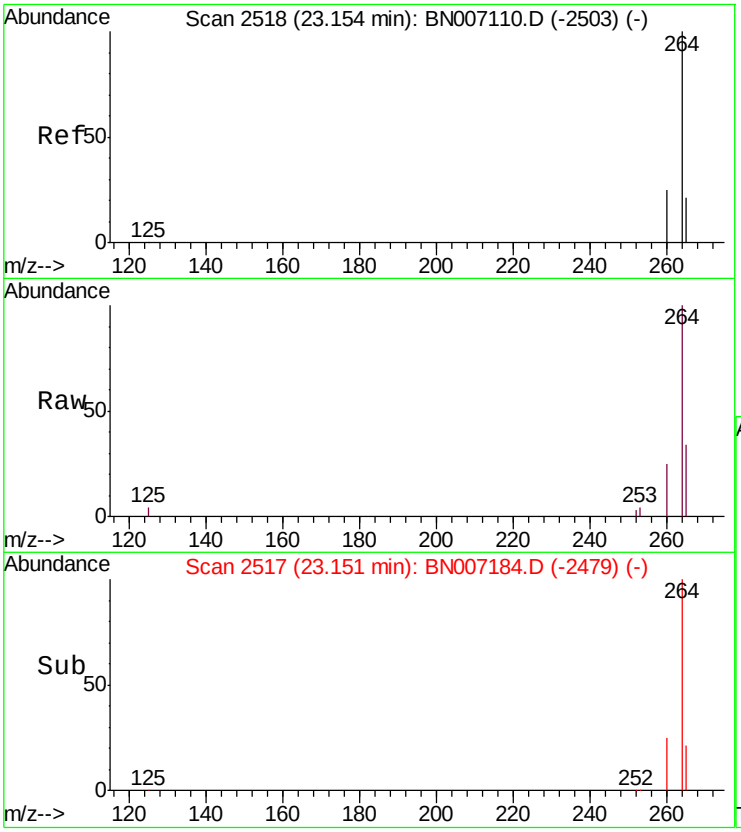


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng
RT: 25.22 min Scan# 3123
Delta R.T. -0.03 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:276 Resp: 4098

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.0	24.0
277	25.0	19.9	29.9



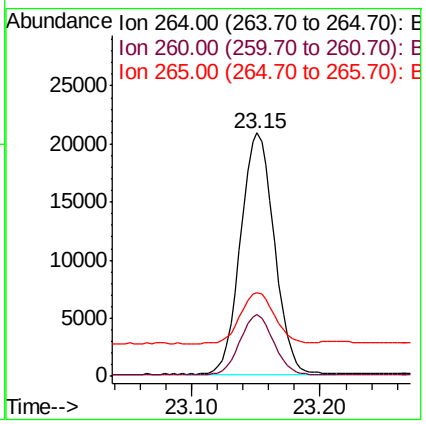


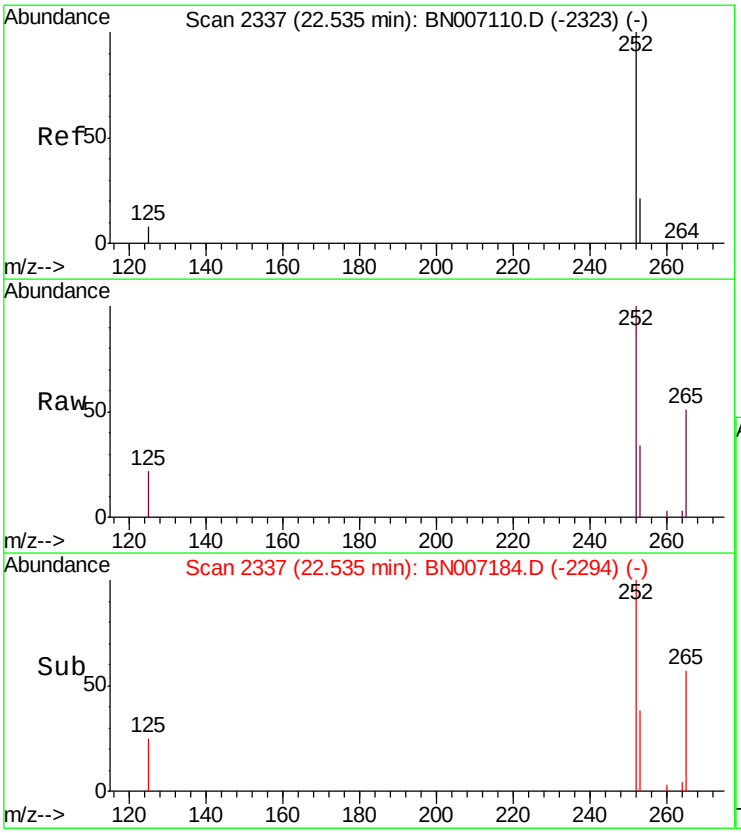
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:264 Resp: 37833

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.8
265	34.4	26.2	39.4

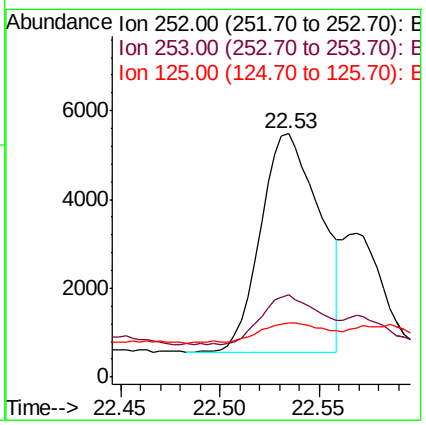


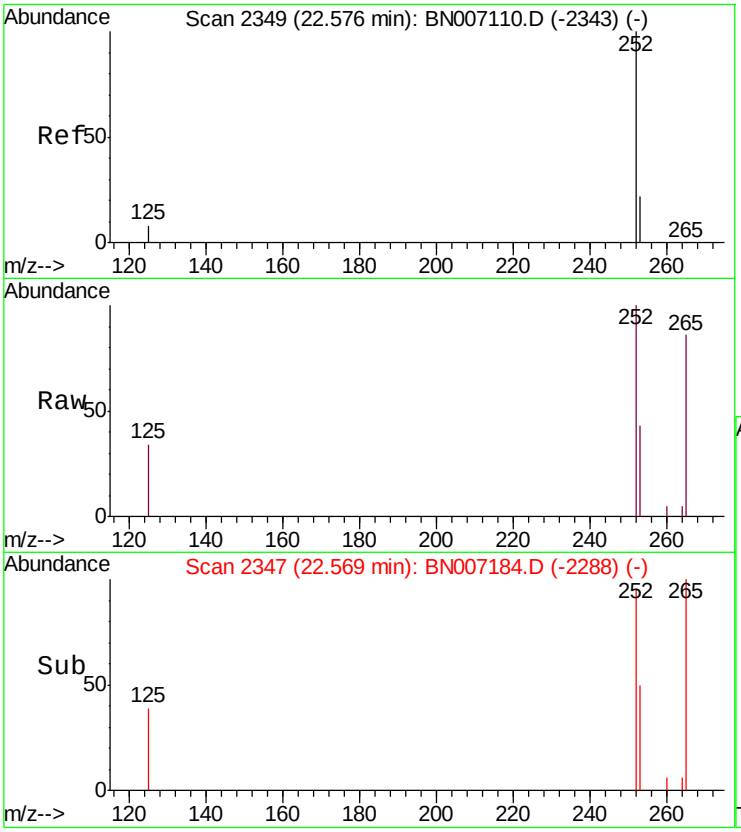


#33
Benzo(b)fluoranthene
Concen: 0.079 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:252 Resp: 10234

Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.2	27.2#
125	22.1	7.4	11.0#



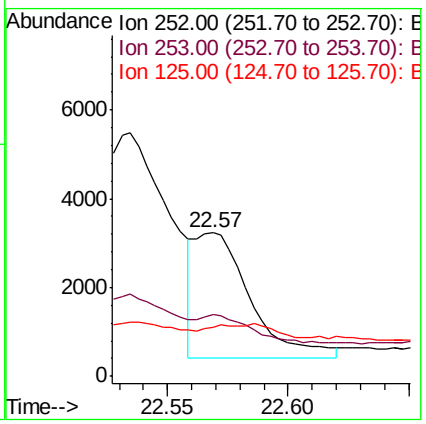


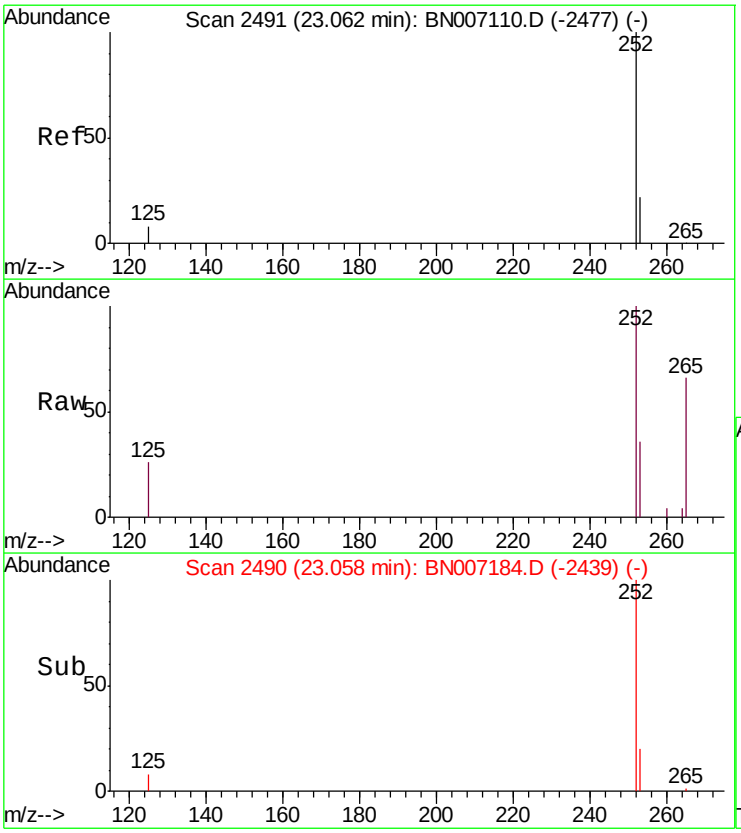
#34
Benzo(k)fluoranthene
Concen: 0.035 ng m
RT: 22.57 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:252 Resp: 4519

Ion	Ratio	Lower	Upper
252	100		
253	42.7	18.1	27.1#
125	33.9	7.4	11.0#

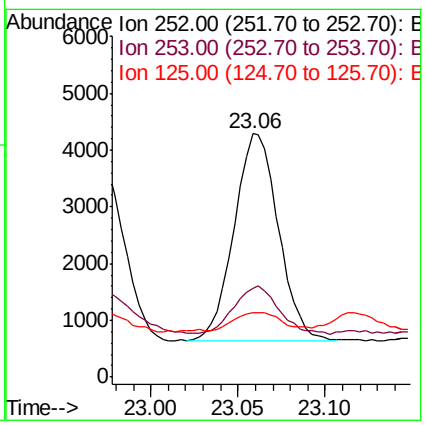


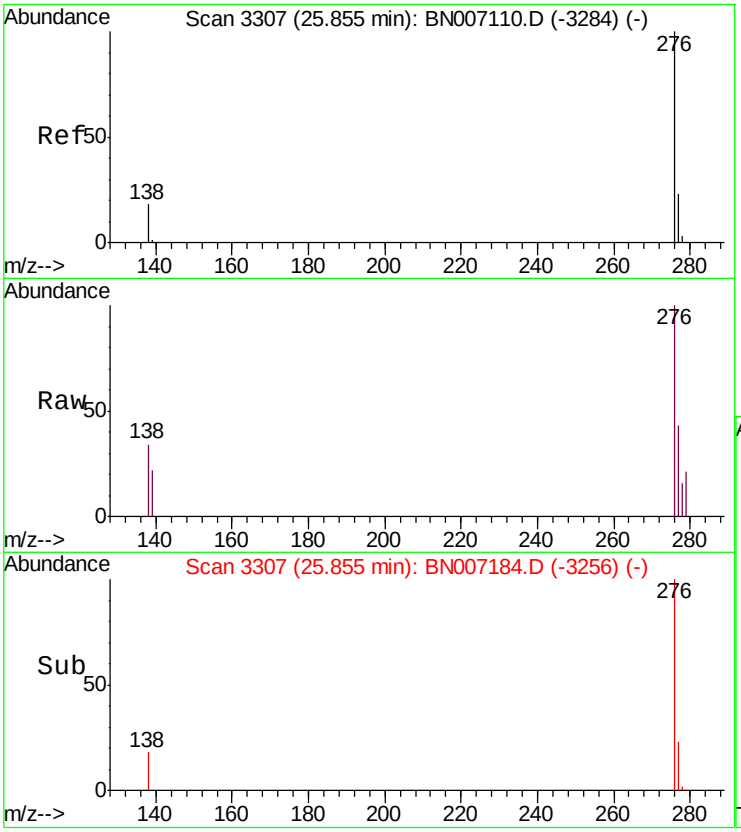


#35
Benzo(a)pyrene
Concen: 0.055 ng
RT: 23.06 min Scan# 2490
Delta R.T. -0.02 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Tgt Ion:252 Resp: 6463

Ion	Ratio	Lower	Upper
252	100		
253	36.5	18.5	27.7#
125	26.4	8.2	12.4#





#37
Benzo(g,h,i)perylene
Concen: 0.033 ng
RT: 25.85 min Scan# 3307
Delta R.T. -0.02 min
Lab File: BN007184.D
Acq: 15 Aug 2019 03:41

Instrument :
BNA_N
ClientSampleId :
PST-035-B240-080819

Tgt Ion:276 Resp: 4032

Ion	Ratio	Lower	Upper
276	100		
277	42.8	19.8	29.8#
138	33.9	14.6	22.0#