Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
Data File : BN007904.D
Acq On : 30 Sep 2019 19:37
Operator : JU
Sample : K5078-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW131-092519

Quant Time: Oct 01 07:56:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	8309	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	31214	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	16308	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	29611	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	31236	0.40	ng		-0.01
34) Perylene-d12	23.47	264	38054	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	6216	0.22	ng		0.00
5) Phenol-d6	6.86	99	8237	0.23	ng		0.00
8) Nitrobenzene-d5	8.83	82	6968	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	12128	0.23	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1514	0.17	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	16145	0.24	ng		-0.01
25) Fluoranthene-d10	19.09	212	20860	0.21	ng		-0.01
29) Terphenyl-d14	19.70	244	16275	0.21	ng		-0.01
Target Compounds							Qvalue
16) Acenaphthylene	14.04	152	3230	0.037	ng		97
23) Phenanthrene	17.10	178	6890	0.075	ng		98
26) Fluoranthene	19.12	202	10334	0.090	ng		98
28) Pyrene	19.49	202	10809	0.101	ng	#	96
30) Benzo(a)anthracene	21.24	228	4632	0.040	ng	#	76
31) Chrysene	21.29	228	6268	0.056	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.19	149	10297	0.174	ng		98
33) Indeno(1,2,3-cd)pyrene	25.68	276	4043	0.029	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	8287	0.063	ng	#	64
37) Benzo(a)pyrene	23.38	252	5315	0.043	ng	#	52
39) Benzo(g,h,i)perylene	26.35	276	4741	0.038	ng	#	72

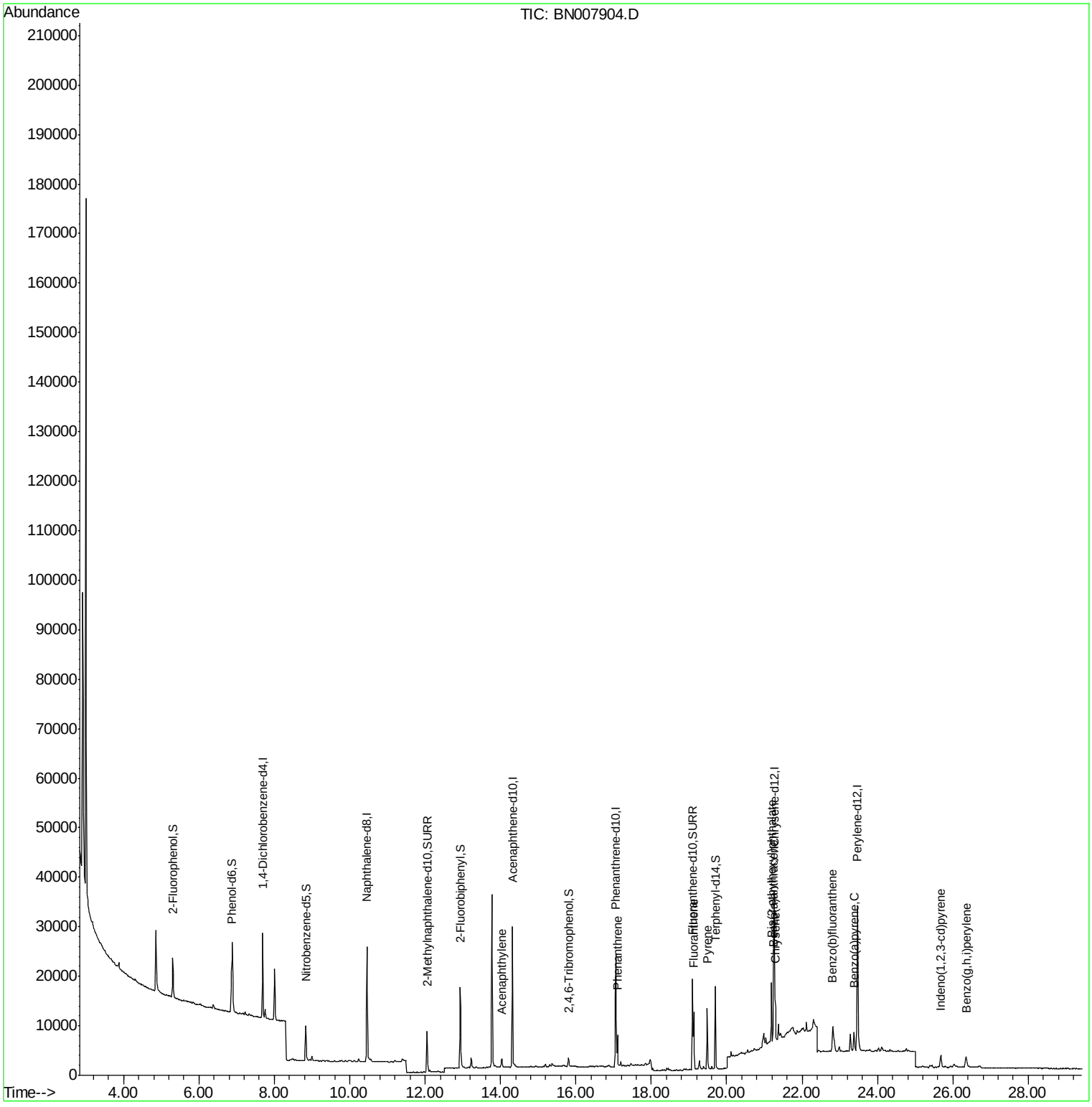
(#) = qualifier out of range (m) = manual integration (+) = signals summed

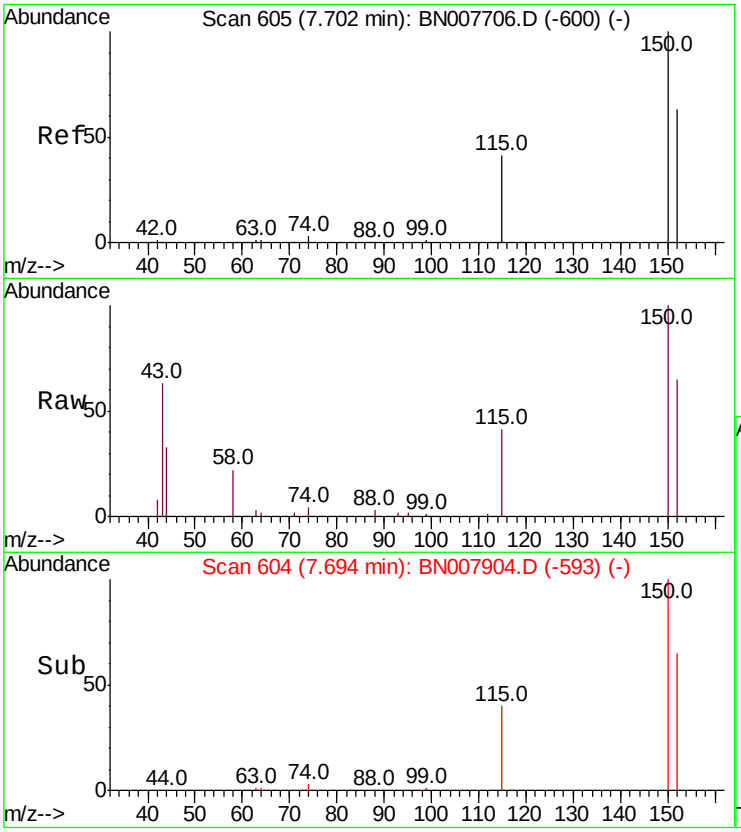
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
Data File : BN007904.D
Acq On : 30 Sep 2019 19:37
Operator : JU
Sample : K5078-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Quant Time: Oct 01 07:56:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



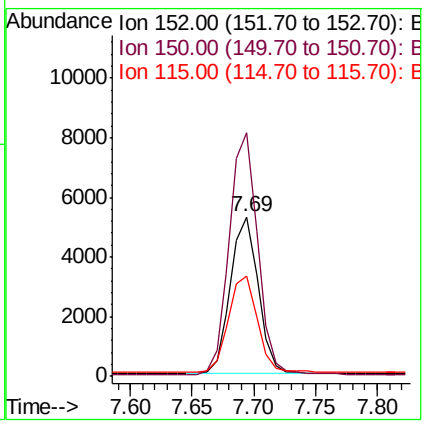


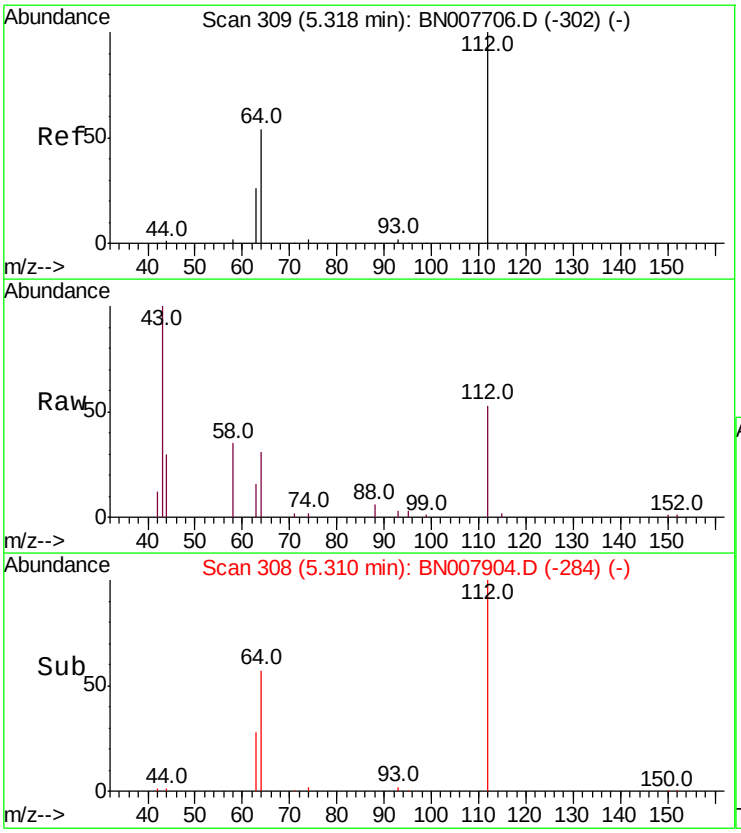
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:152 Resp: 8309

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.6	188.4
115	63.1	53.3	79.9

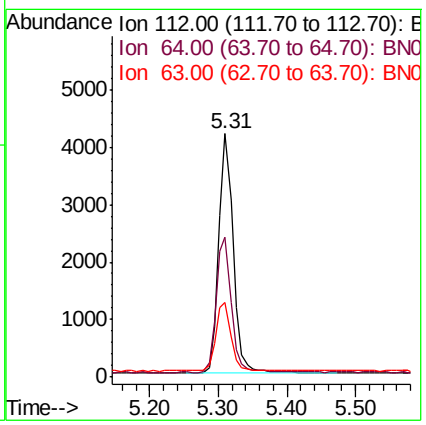


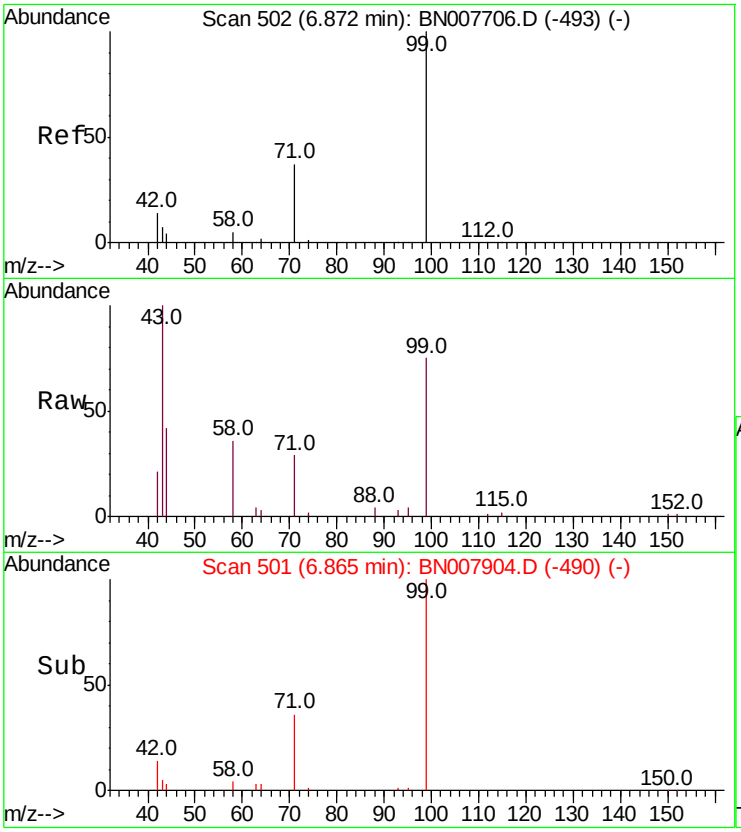


#4
2-Fluorophenol
Concen: 0.217 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:112 Resp: 6216

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.6	70.0
63	29.7	23.1	34.7



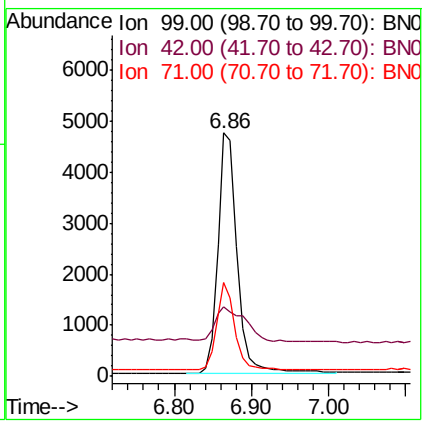


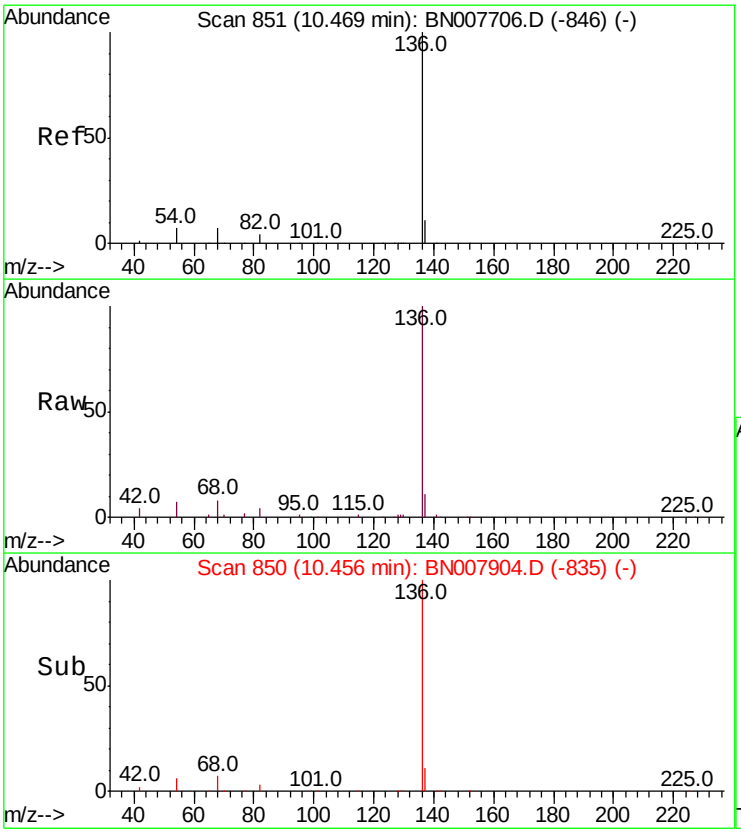
#5
Phenol-d6
Concen: 0.228 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion: 99 Resp: 8237

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.8	19.2#
71	34.0	27.6	41.4

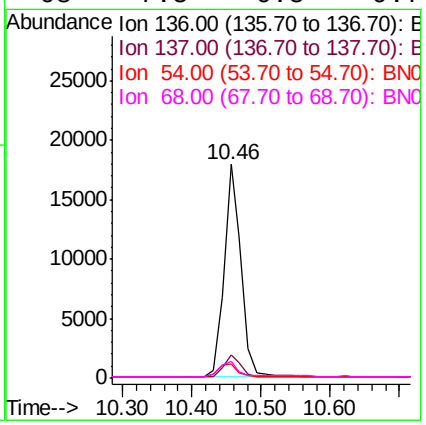


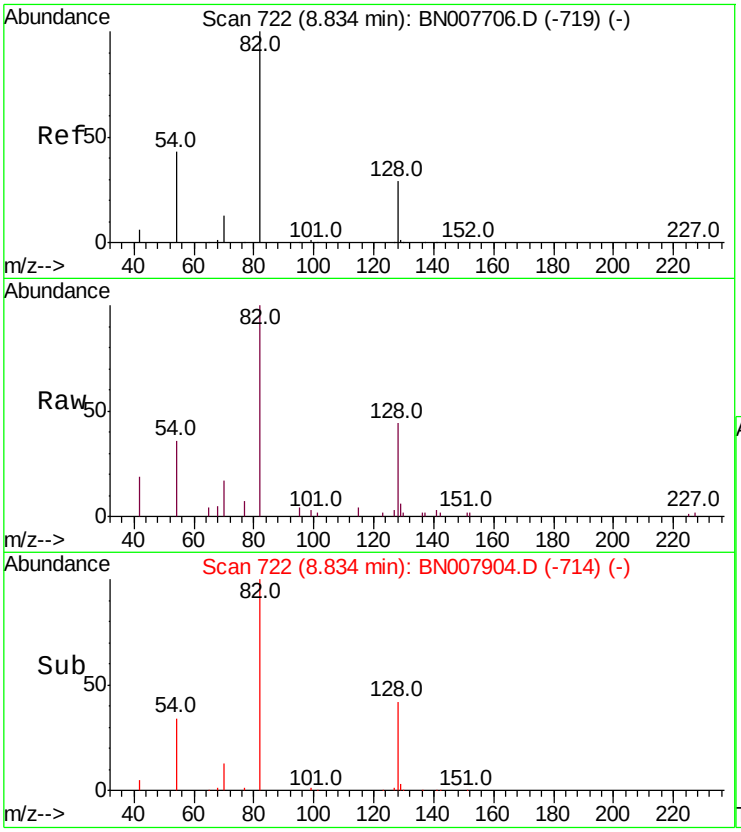


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:136 Resp: 31214

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.8	5.8	8.8
68	7.5	6.5	9.7



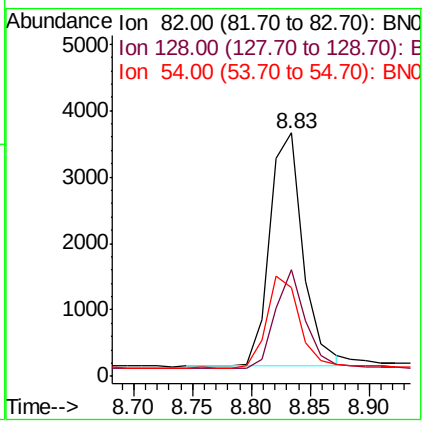


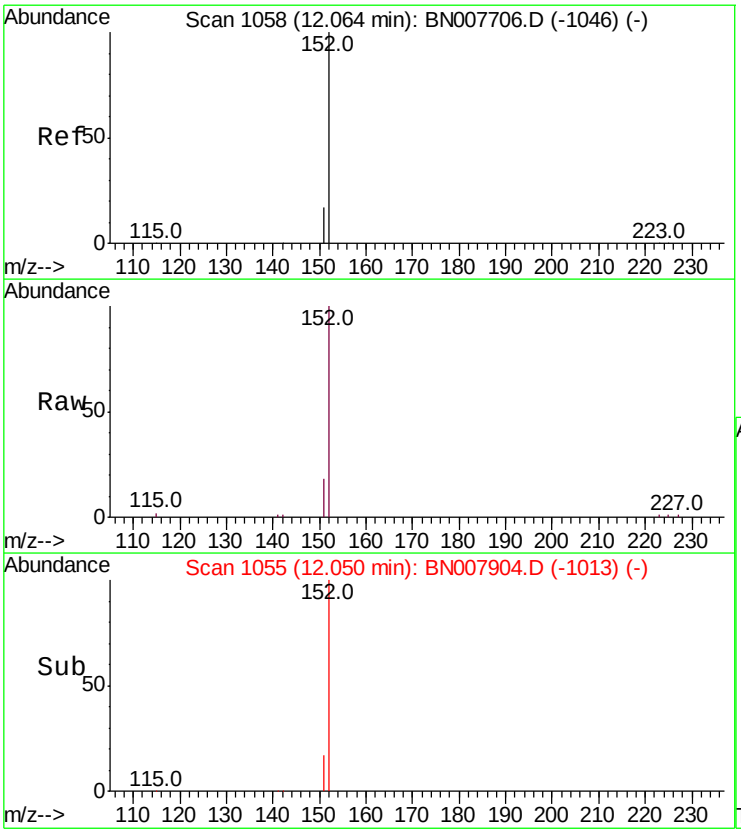
#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion: 82 Resp: 6968

Ion	Ratio	Lower	Upper
82	100		
128	43.8	24.5	36.7#
54	36.2	35.2	52.8

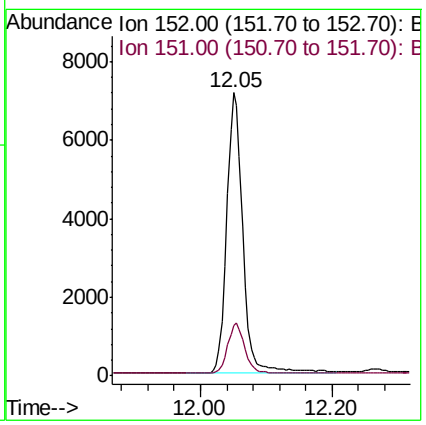


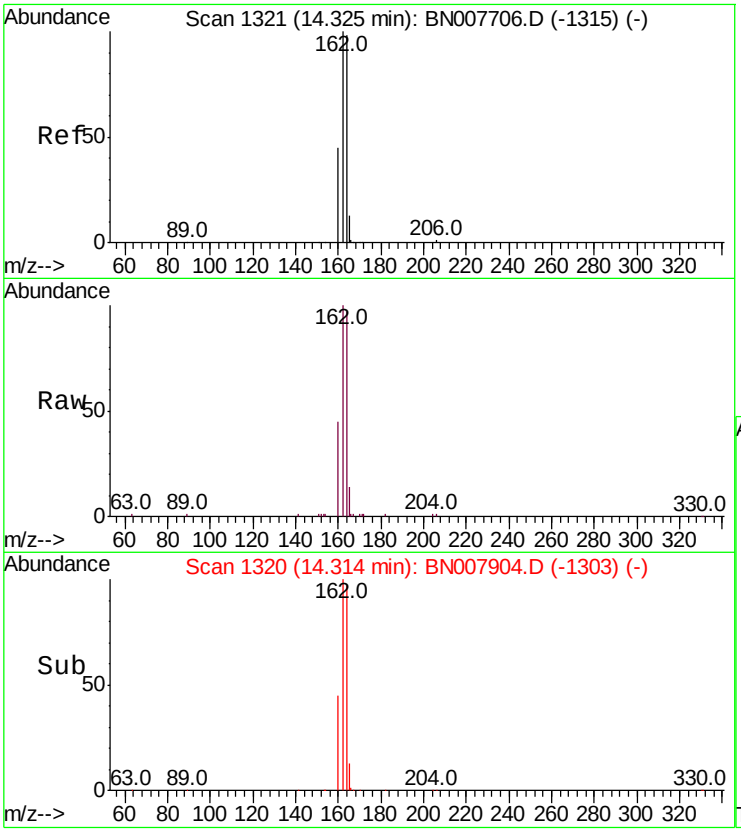


#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:152 Resp: 12128

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2



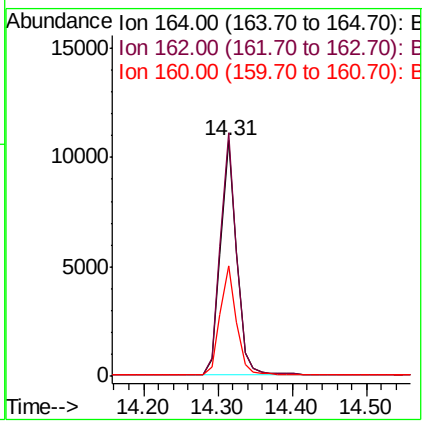


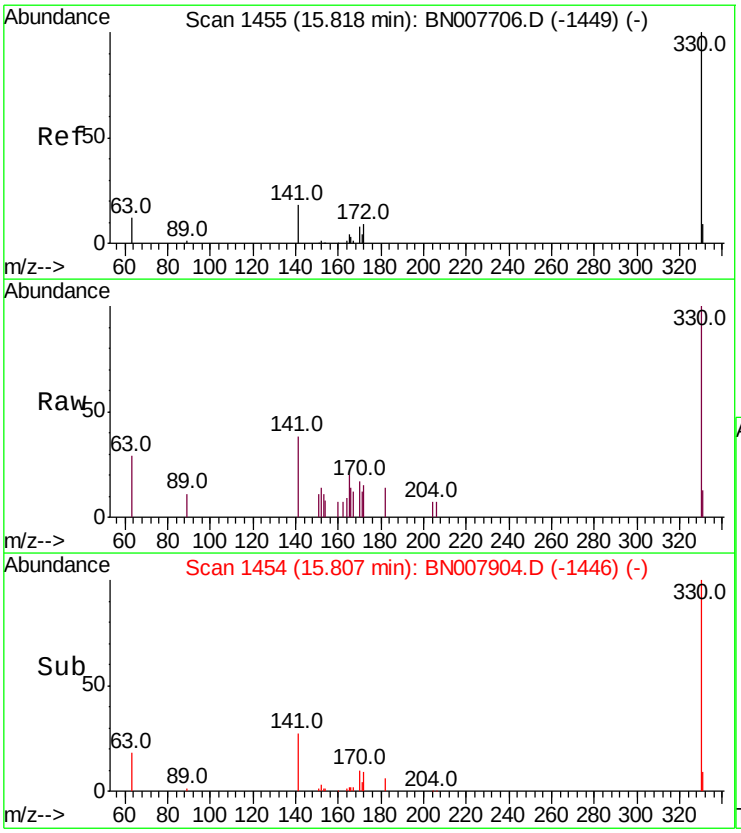
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:164 Resp: 16308

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.7	122.5
160	46.7	37.0	55.4

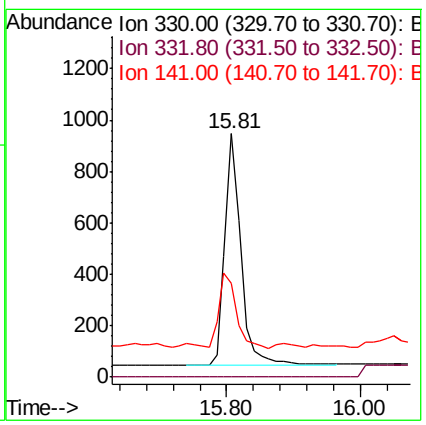


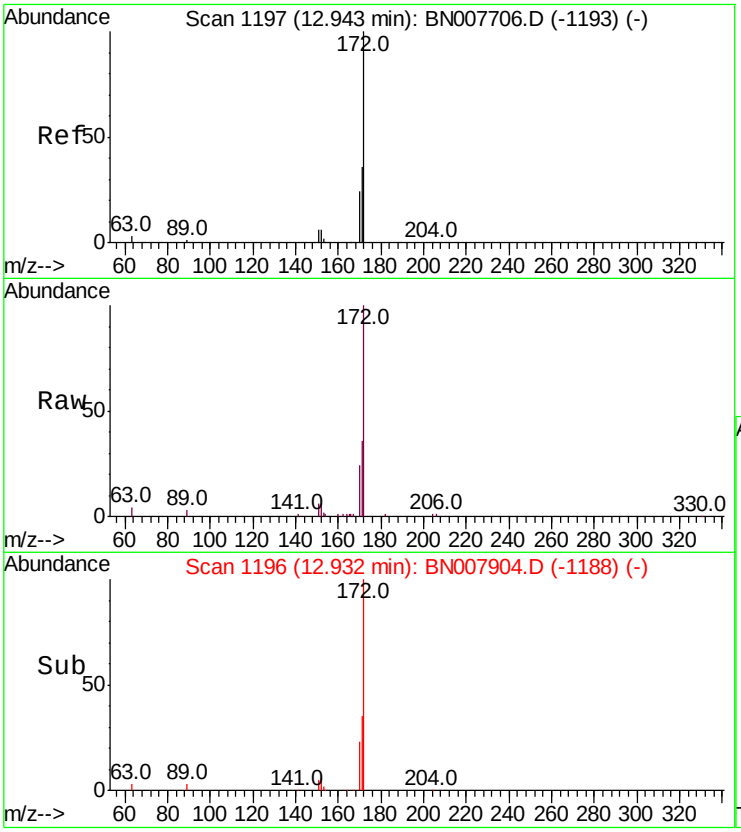


#14
2,4,6-Tribromophenol
Concen: 0.170 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:330 Resp: 1514

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.0	28.7	43.1



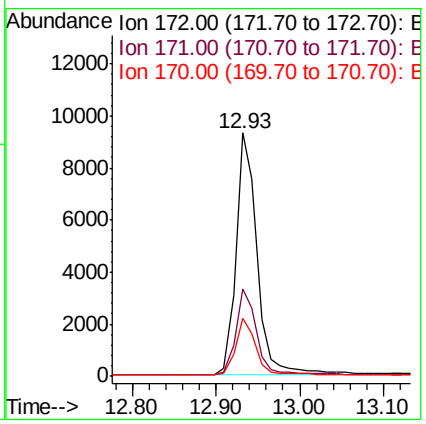


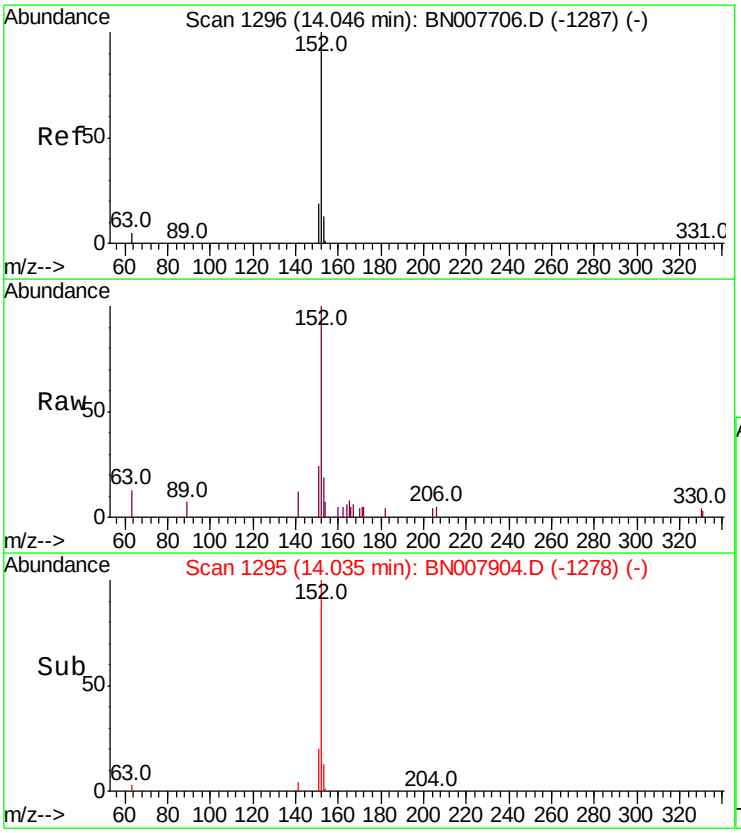
#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:172 Resp: 16145

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.6	19.5	29.3

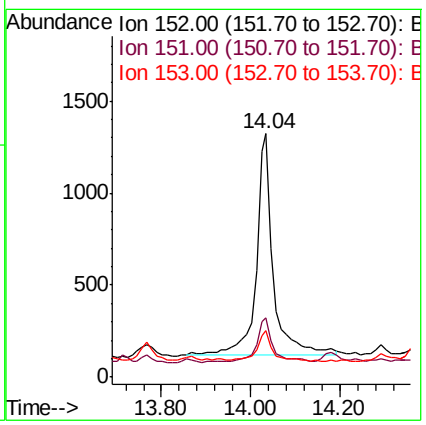


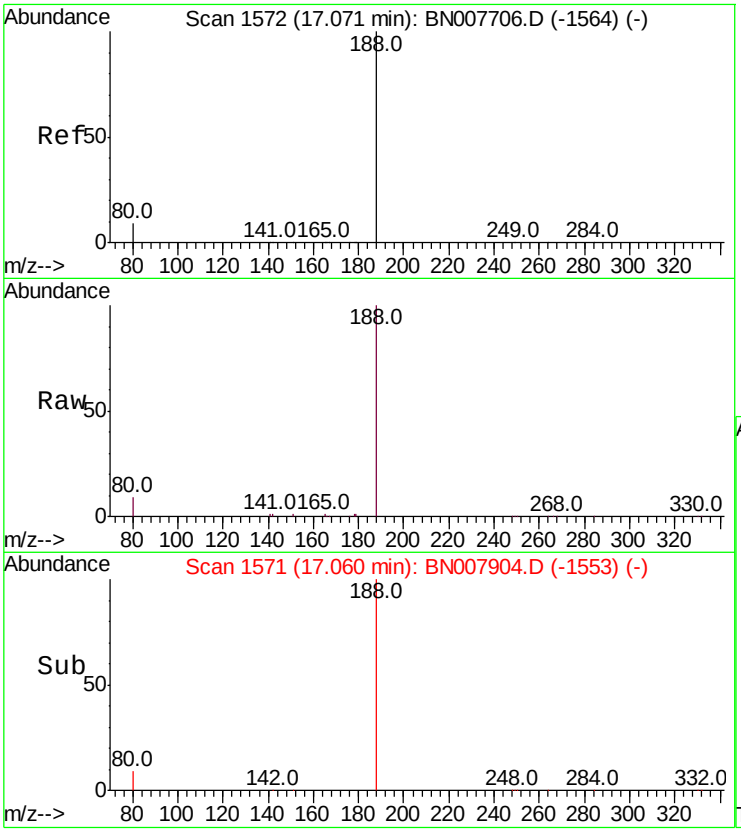


#16
Acenaphthylene
Concen: 0.037 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:152 Resp: 3230

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.5	23.3
153	13.2	10.4	15.6



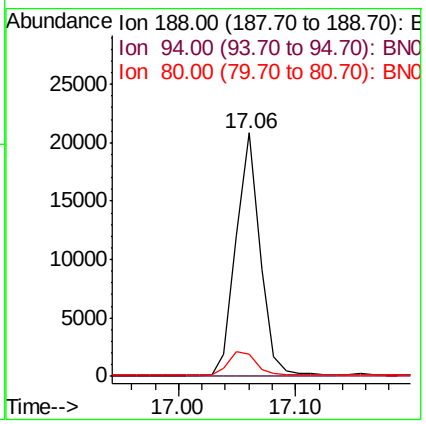


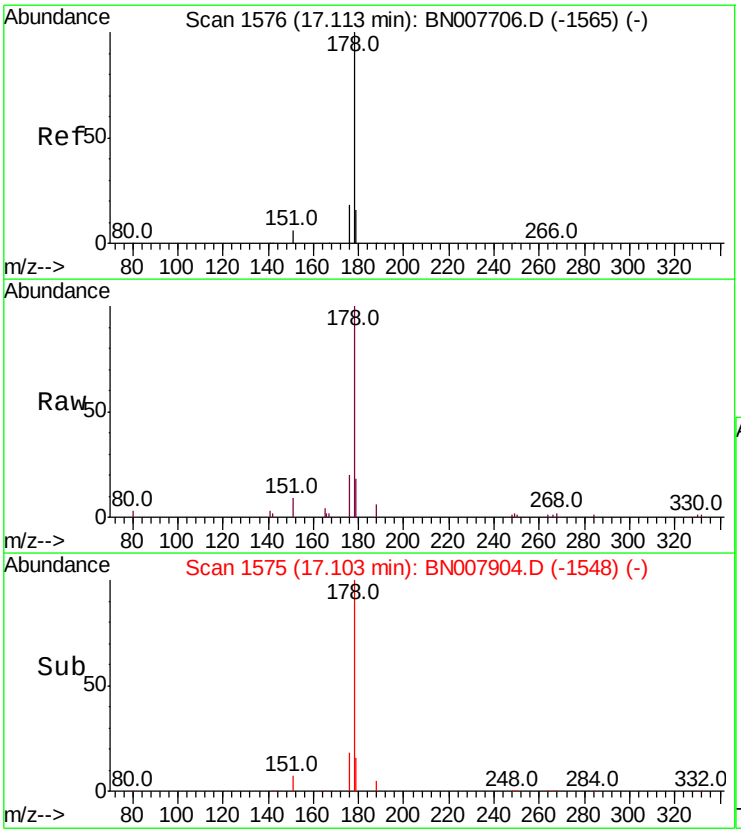
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:188 Resp: 29611

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

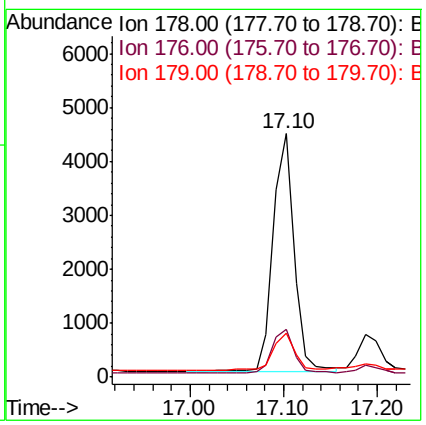


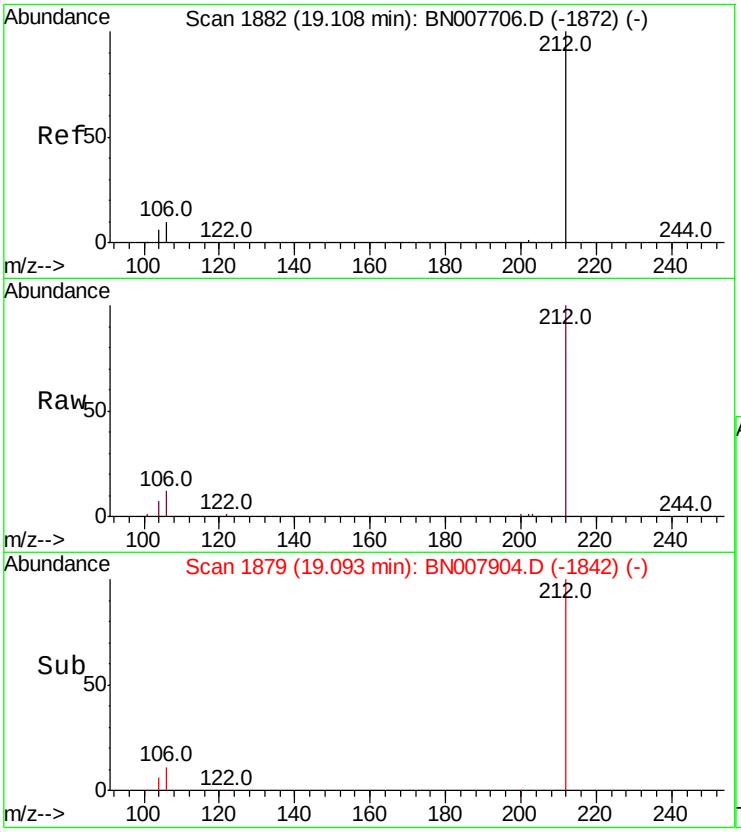


#23
Phenanthrene
Concen: 0.075 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:178 Resp: 6890

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	17.0	12.5	18.7



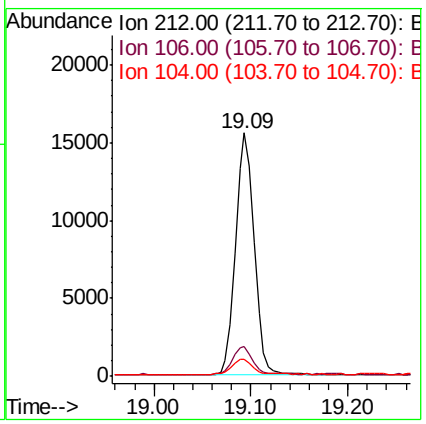


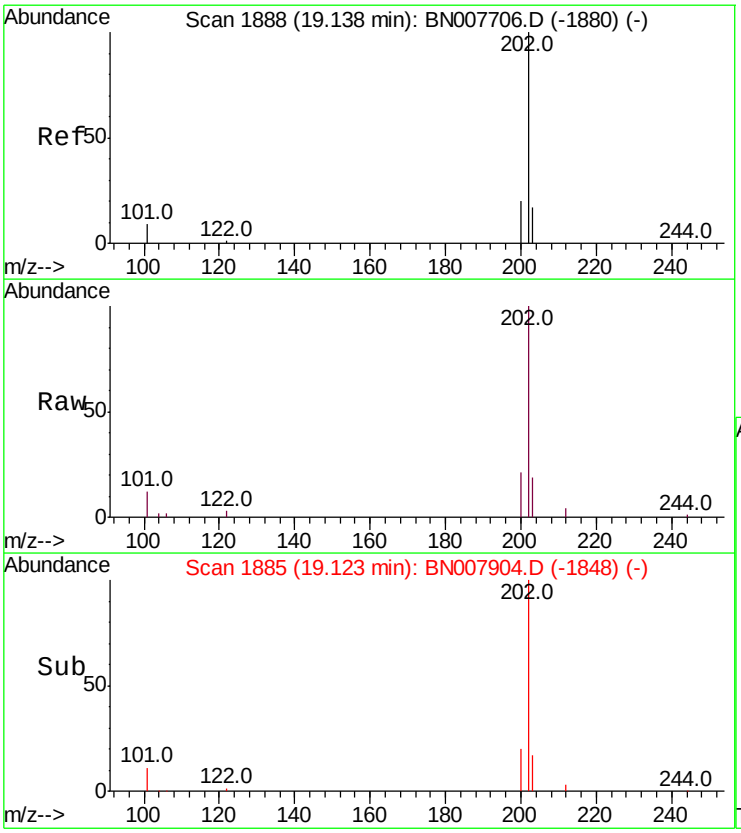
#25
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:212 Resp: 20860

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.4	14.0
104	6.9	5.3	7.9

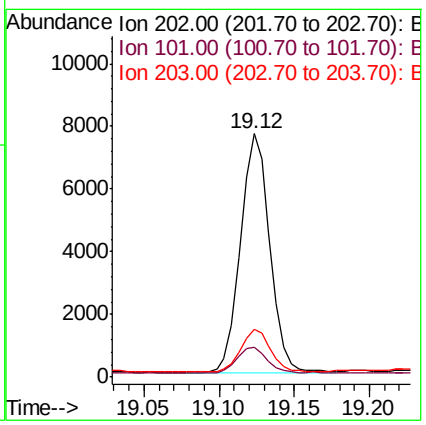


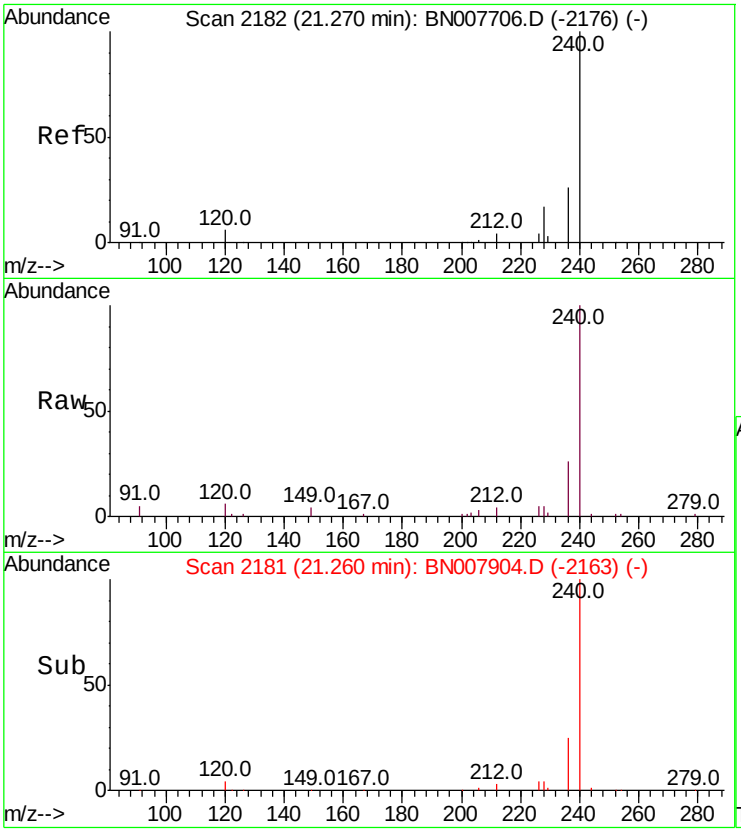


#26
Fluoranthene
Concen: 0.090 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:202 Resp: 10334

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.4	12.6
203	18.1	13.8	20.8



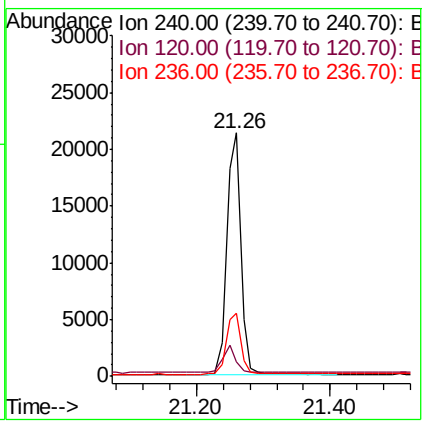


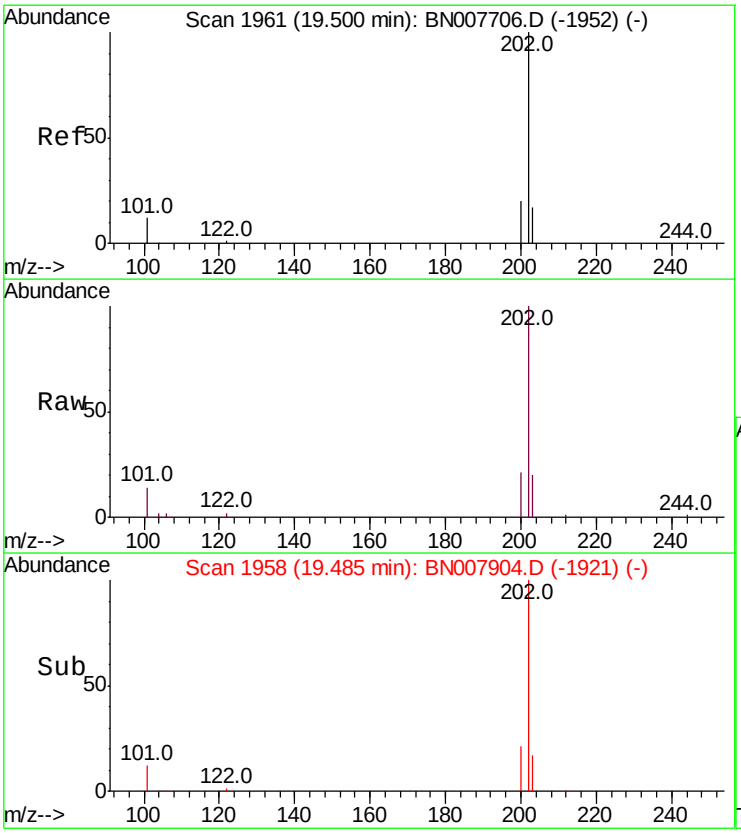
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:240 Resp: 31236

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.4	8.2
236	26.1	21.0	31.4

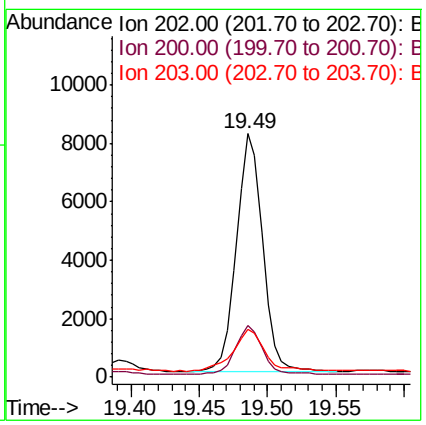


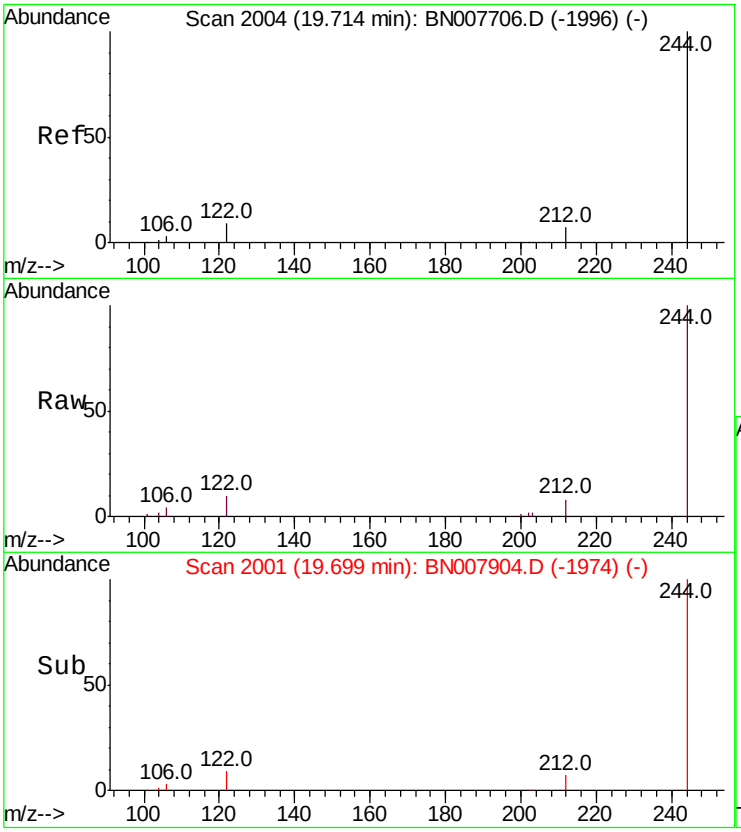


#28
Pyrene
Concen: 0.101 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:202 Resp: 10809

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	21.5	14.1	21.1#



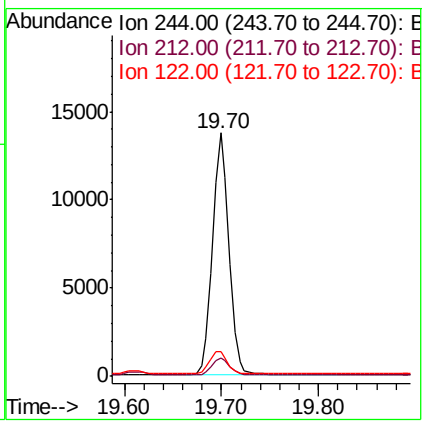


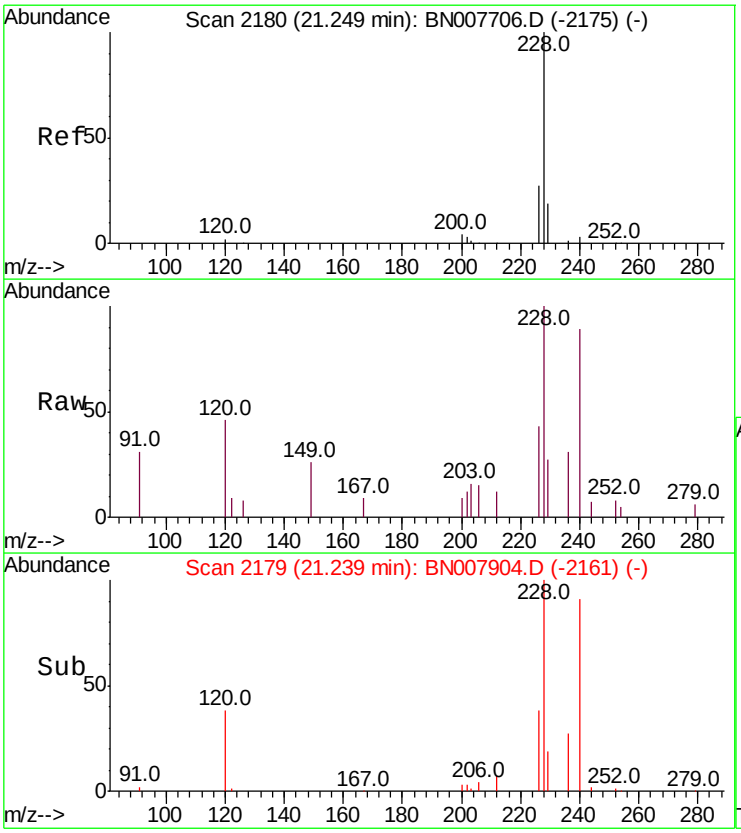
#29
Terphenyl-d14
Concen: 0.212 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:244 Resp: 16275

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.3	7.4	11.2

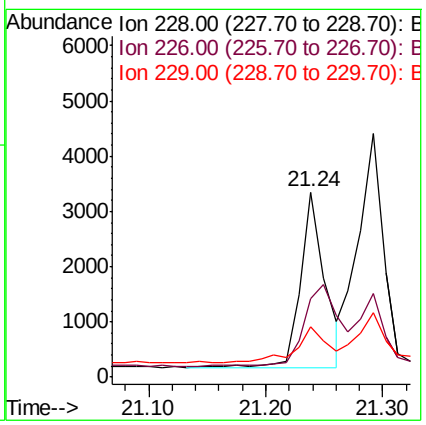


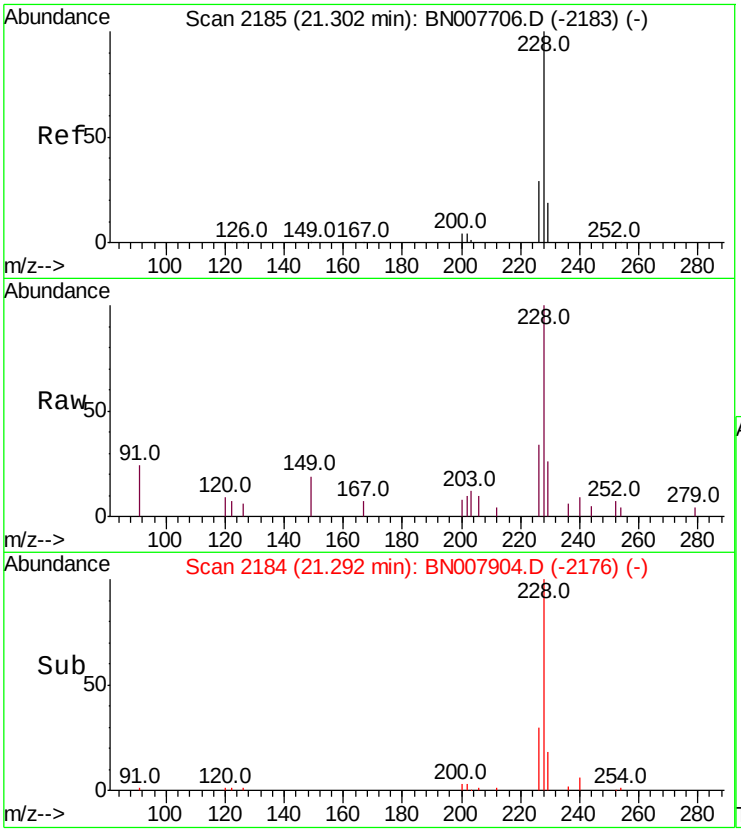


#30
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:228 Resp: 4632

Ion	Ratio	Lower	Upper
228	100		
226	42.6	22.1	33.1#
229	27.3	15.8	23.6#



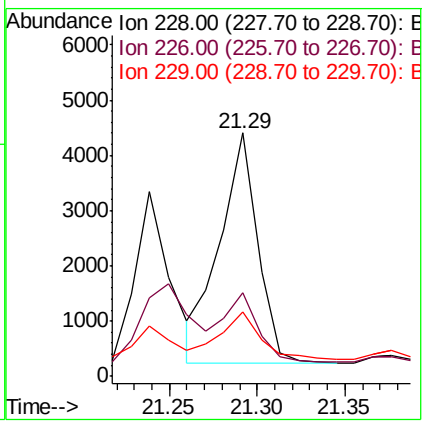


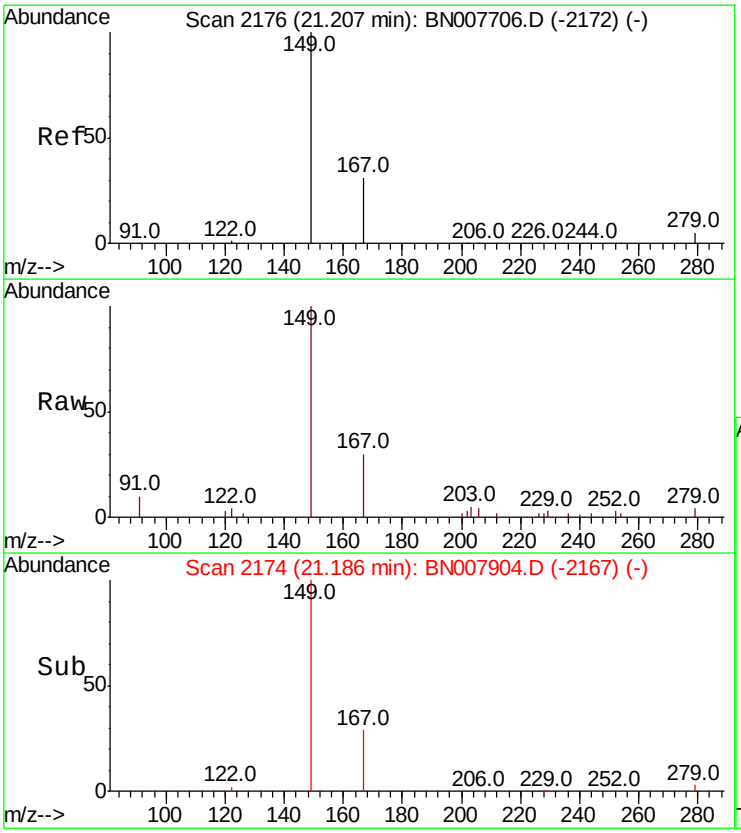
#31
Chrysene
Concen: 0.056 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:228 Resp: 6268

Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.9	35.9
229	26.2	15.8	23.6#

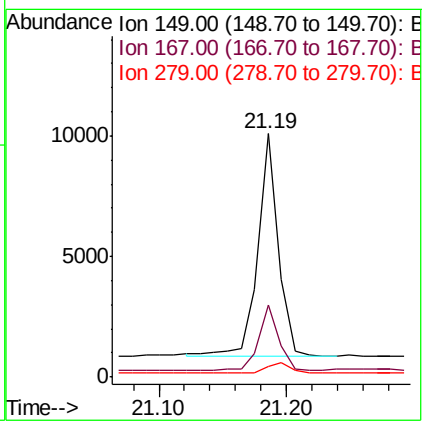


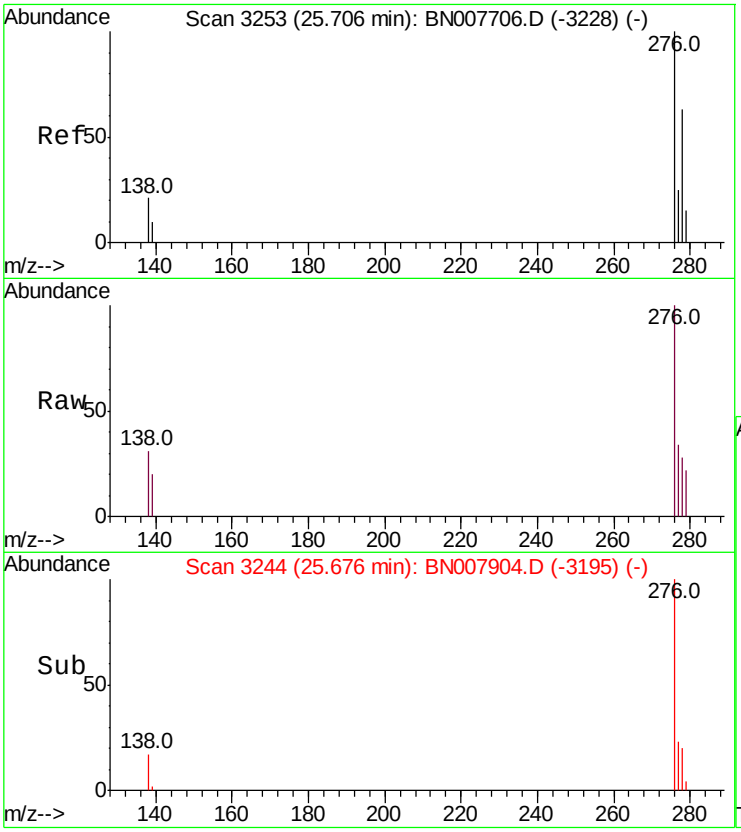


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.174 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:149 Resp: 10297

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.7	35.5
279	5.9	4.2	6.2



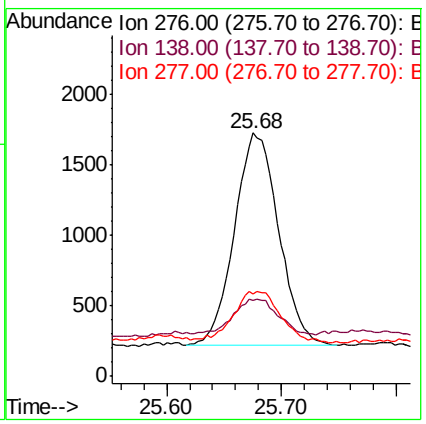


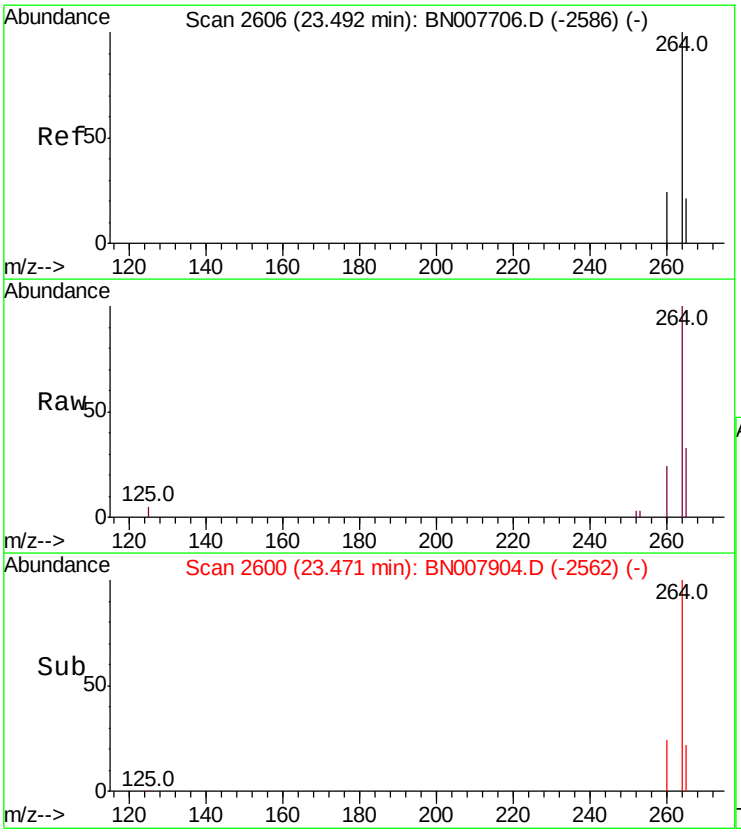
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:276 Resp: 4043

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.1	25.7#
277	26.1	20.0	30.0

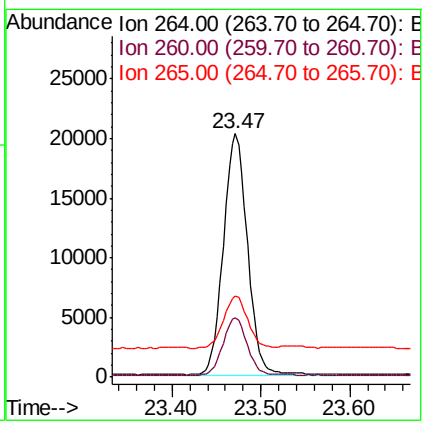


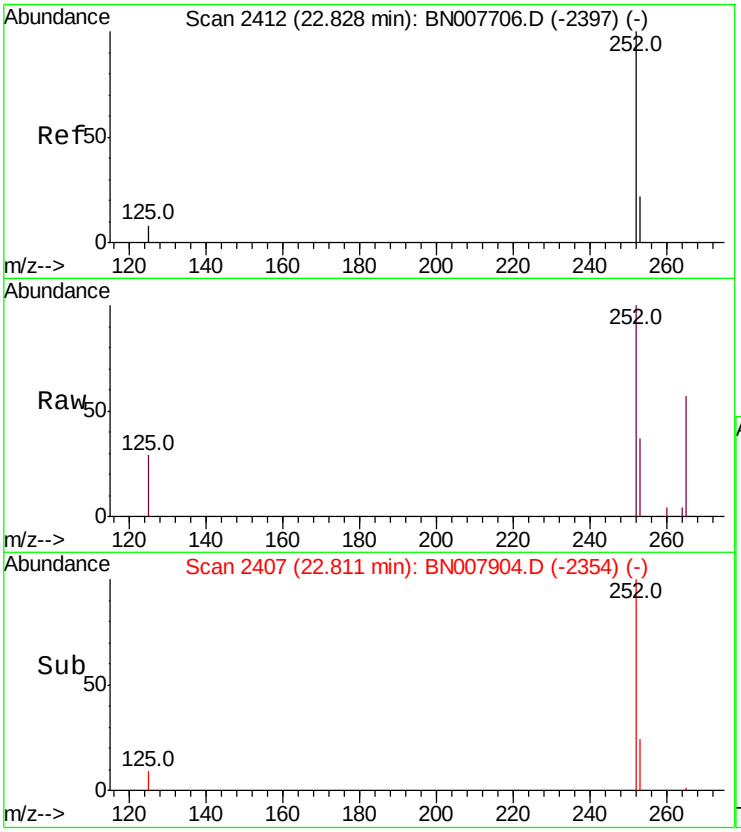


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:264 Resp: 38054

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	33.3	26.9	40.3



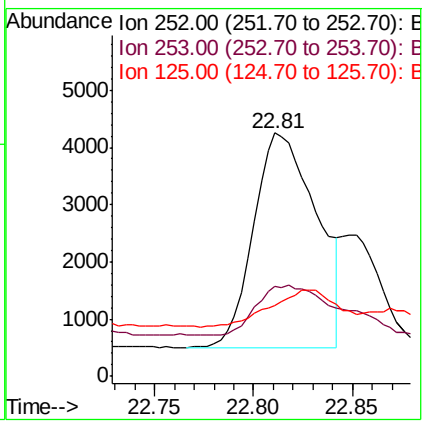


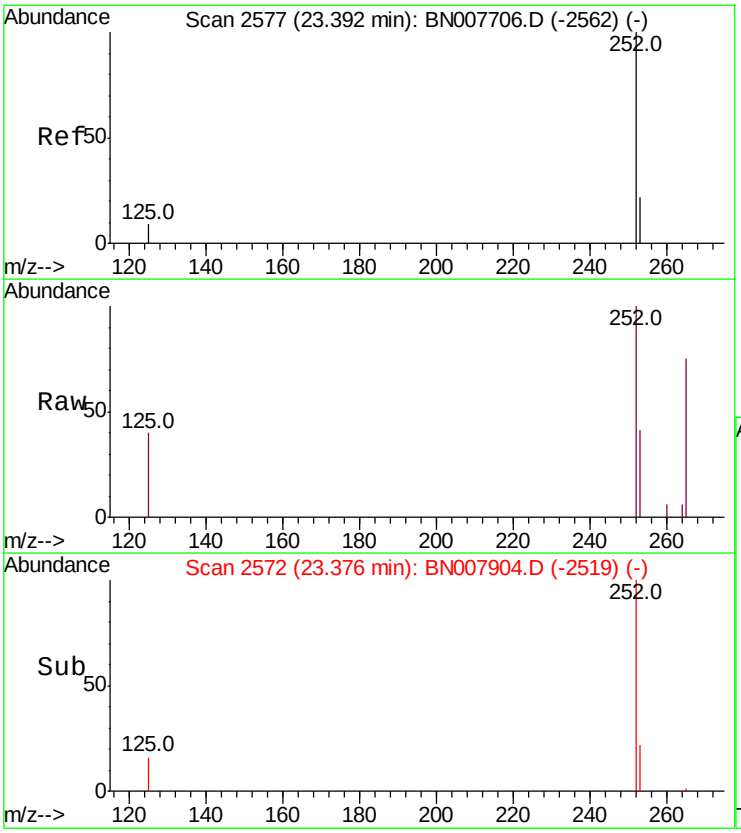
#35
Benzo(b)fluoranthene
Concen: 0.063 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:252 Resp: 8287

Ion	Ratio	Lower	Upper
252	100		
253	37.2	18.3	27.5#
125	29.0	8.2	12.4#

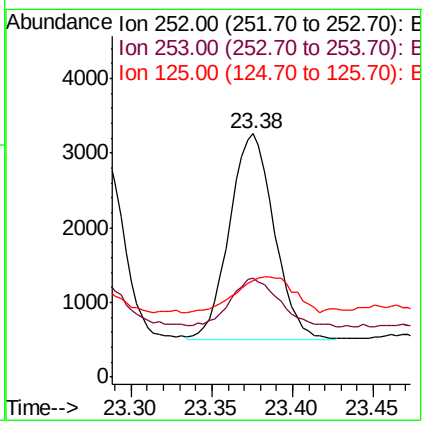


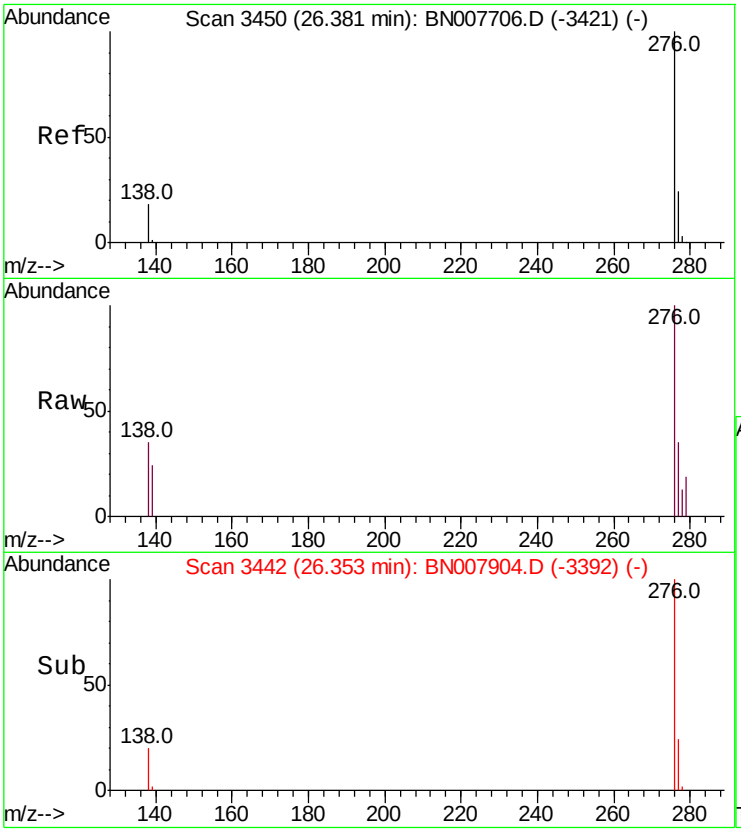


#37
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:252 Resp: 5315

Ion	Ratio	Lower	Upper
252	100		
253	40.6	18.6	27.8#
125	39.5	9.4	14.0#





#39
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:276 Resp: 4741

Ion	Ratio	Lower	Upper
276	100		
277	35.3	19.8	29.8#
138	35.5	15.1	22.7#