Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007070.D
Acq On : 11 Aug 2019 04:23
Operator : HP/JU
Sample : K4239-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 12 04:40:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8559	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	32332	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	18594	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	44914	0.40	ng		0.00
26) Chrysene-d12	21.03	240	47348	0.40	ng		-0.02
32) Perylene-d12	23.15	264	51079	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5572	0.27	ng		0.00
4) Phenol-d6	6.61	99	7707	0.30	ng		0.00
7) Nitrobenzene-d5	8.56	82	5874	0.23	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	12119	0.20	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1680	0.17	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4125	0.15	ng		0.00
24) Fluoranthene-d10	18.87	212	25921	0.16	ng		0.00
28) Terphenyl-d14	19.49	244	19423	0.15	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.35	42	225	0.040	ng	#	1
15) Acenaphthylene	13.79	152	10783	0.111	ng		99
16) Acenaphthene	14.13	154	1402	0.023	ng		95
17) Fluorene	15.14	166	3218	0.035	ng		88
22) Phenanthrene	16.87	178	70806	0.526	ng		100
23) Anthracene	16.96	178	12387	0.101	ng		96
25) Fluoranthene	18.90	202	107455	0.624	ng		99
27) Pyrene	19.26	202	131220	0.790	ng		98
29) Benzo(a)anthracene	21.08	228	69230	0.400	ng		94
30) Chrysene	21.08	228	69184	0.411	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	34905	0.188	ng		97
33) Benzo(b)fluoranthene	22.53	252	78376	0.447	ng		97
34) Benzo(k)fluoranthene	22.53	252	78376	0.453	ng		97
35) Benzo(a)pyrene	23.06	252	54554	0.344	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	9533	0.060	ng	#	80
37) Benzo(g,h,i)perylene	25.85	276	37740	0.232	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
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Acq On : 11 Aug 2019 04:23
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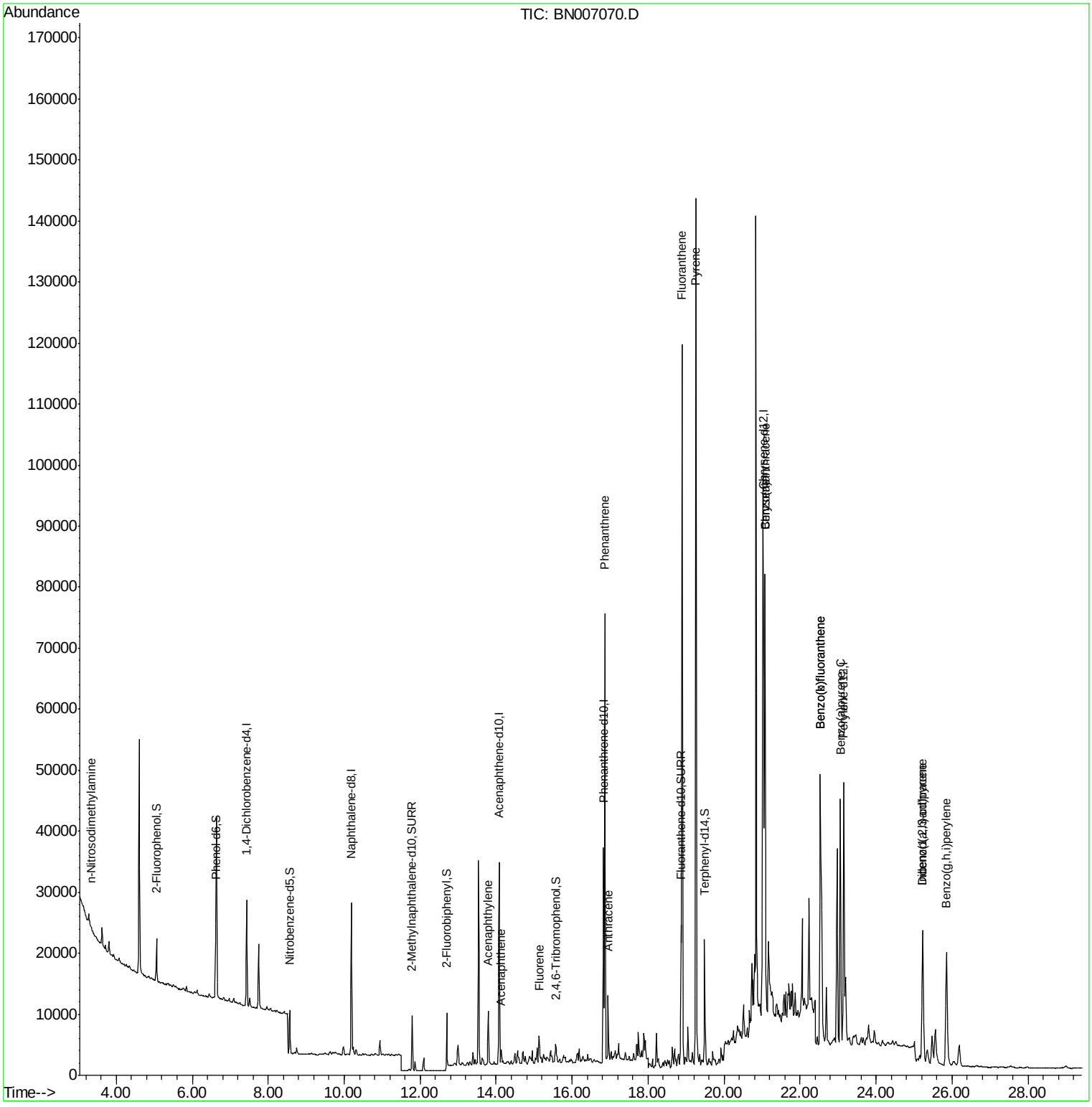
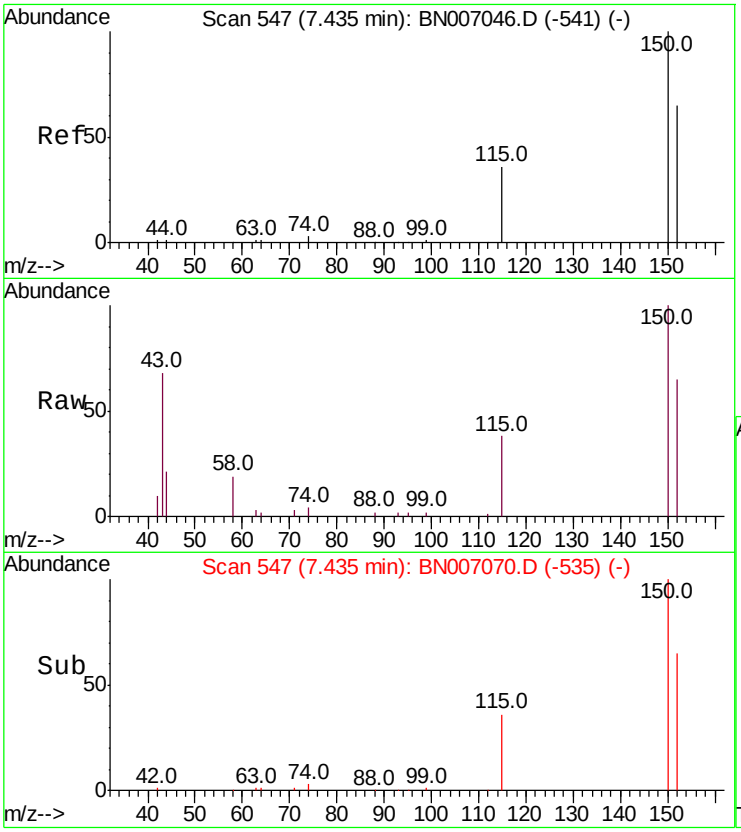
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 12 04:40:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



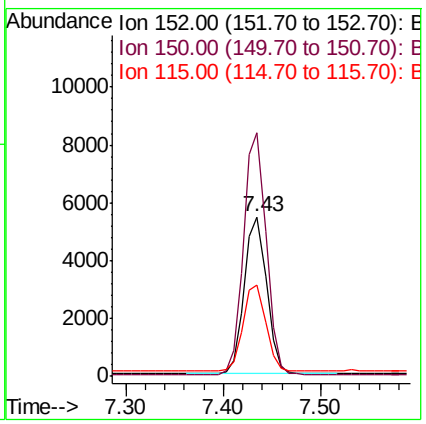


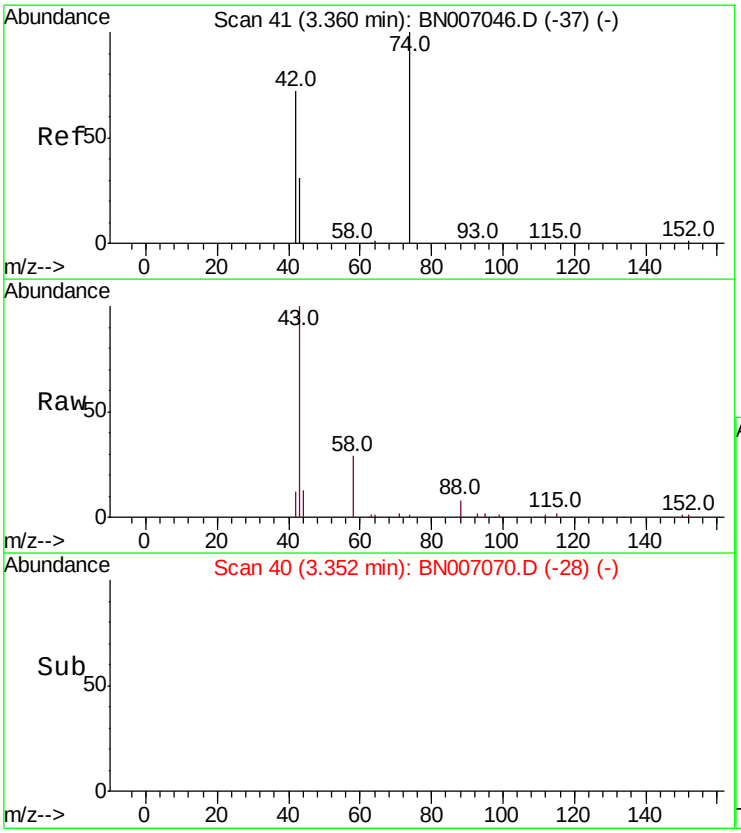
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8559

Ion	Ratio	Lower	Upper
152	100		
150	152.8	121.7	182.5
115	57.5	46.2	69.4

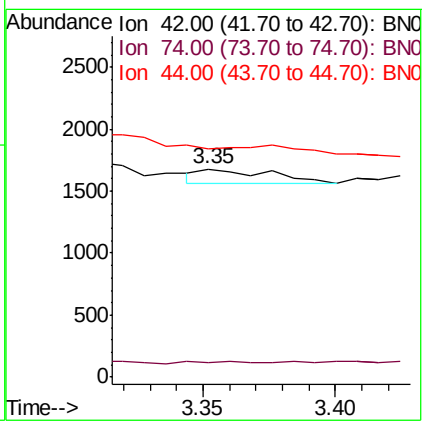


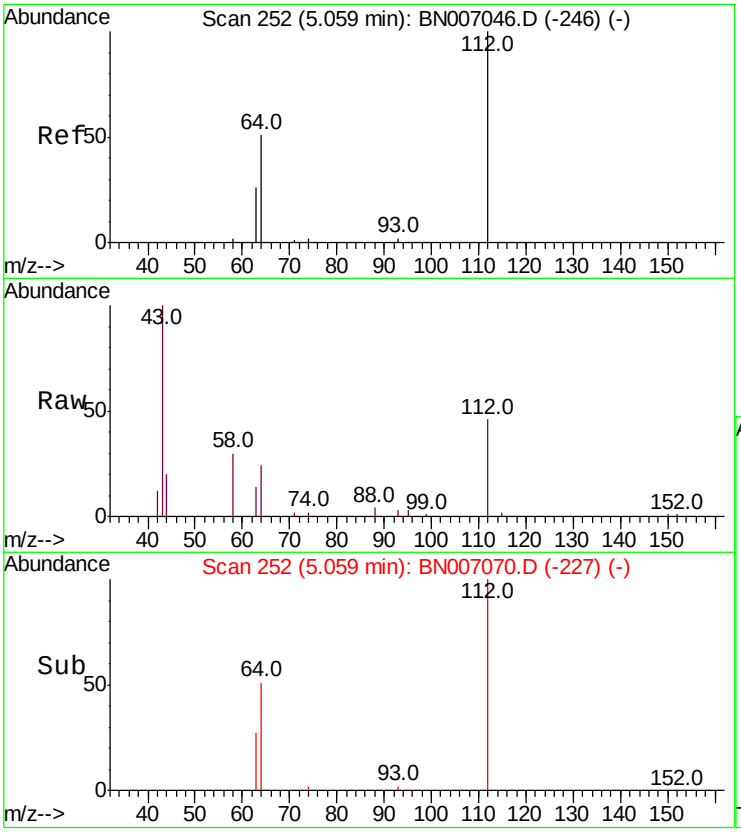


#2
n-Nitrosodimethylamine
Concen: 0.040 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion: 42 Resp: 225

Ion	Ratio	Lower	Upper
42	100		
74	12.0	110.6	166.0#
44	0.0	0.0	0.0



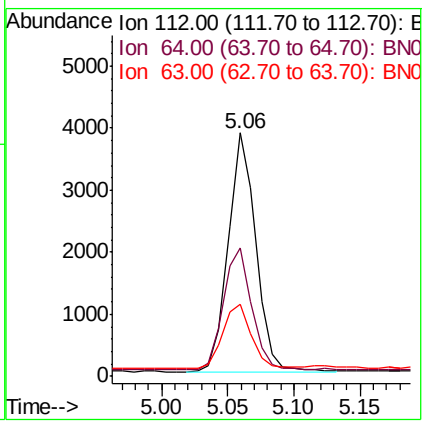


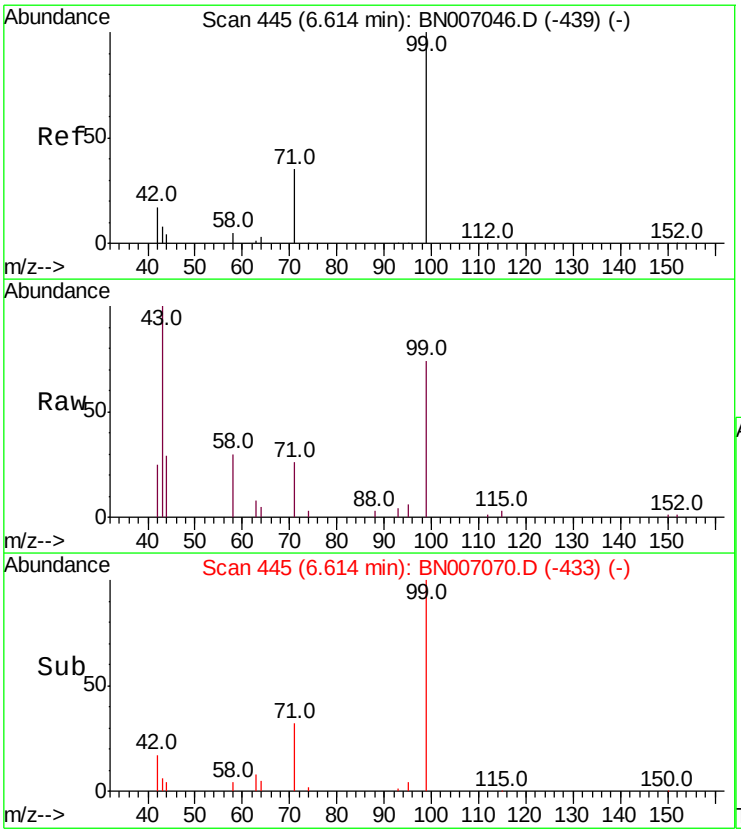
#3
2-Fluorophenol
Concen: 0.271 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 5572

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	63.8
63	27.8	22.2	33.2

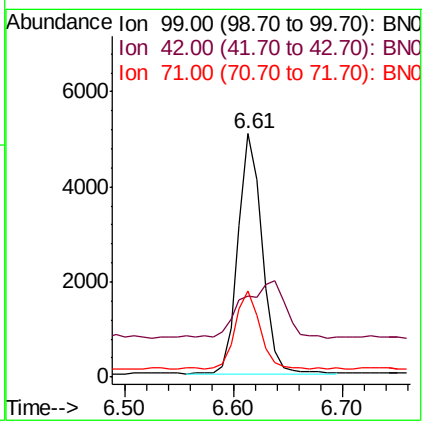


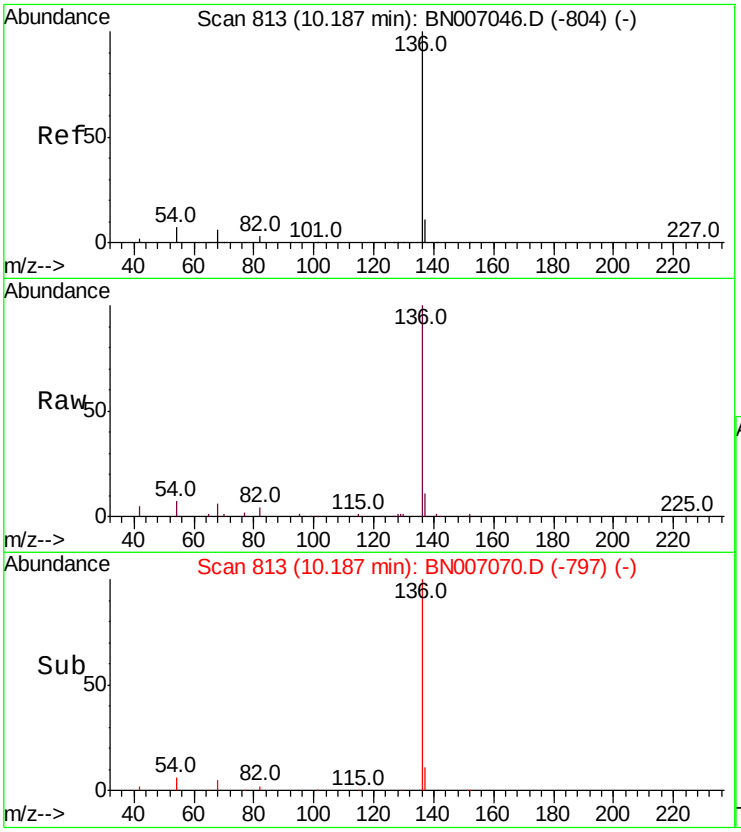


#4
Phenol-d6
Concen: 0.303 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion: 99 Resp: 7707

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	33.7	27.0	40.4



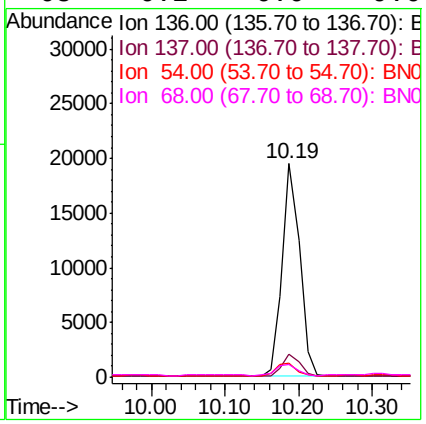


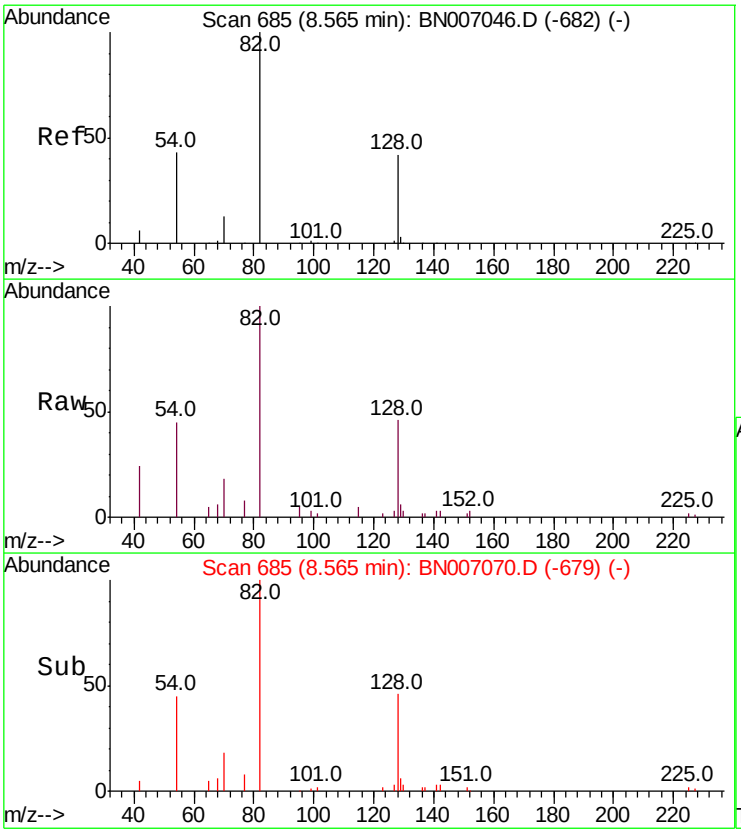
#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 32332

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	6.8	6.6	9.8
68	6.2	6.0	9.0

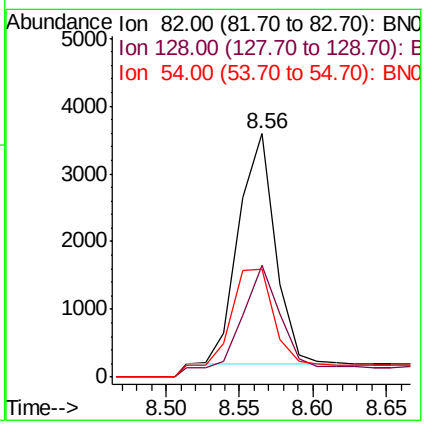


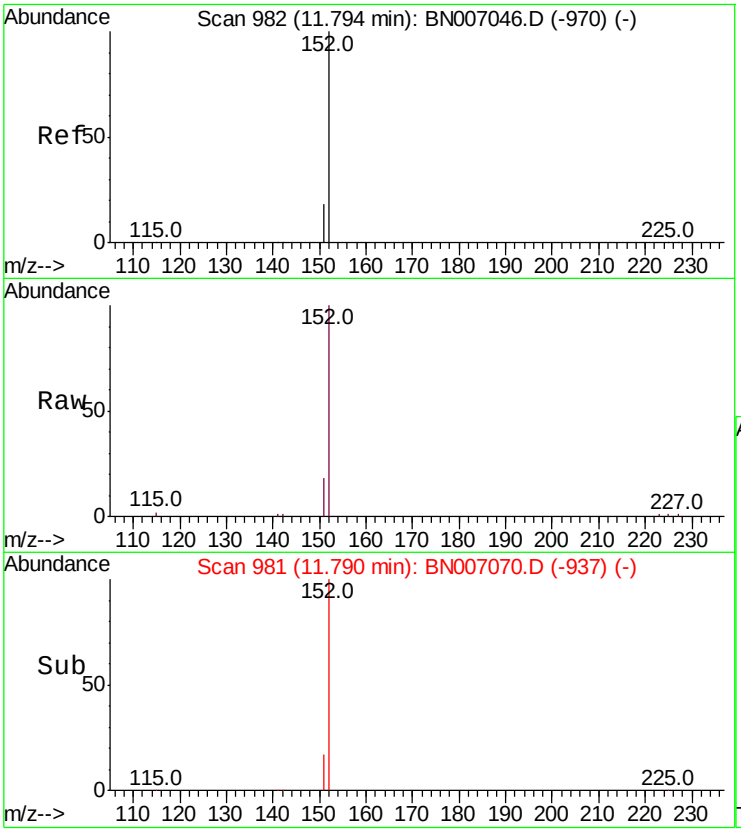


#7
Nitrobenzene-d5
Concen: 0.225 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion: 82 Resp: 5874

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.6	51.8
54	44.6	36.2	54.4



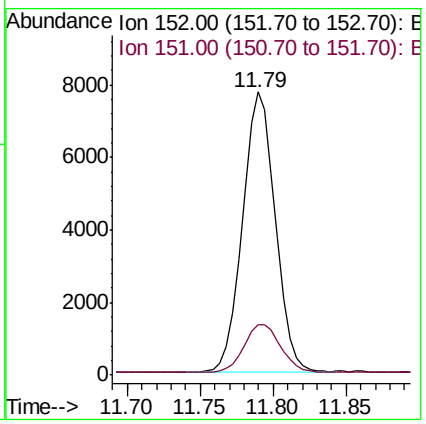


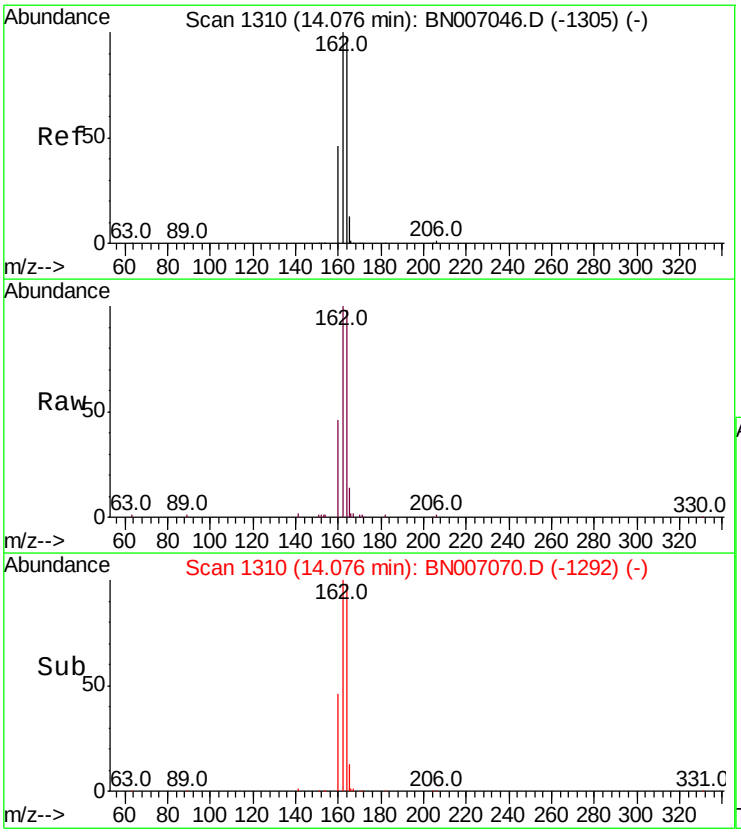
#10
2-Methylnaphthalene-d10
Concen: 0.201 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12119

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3

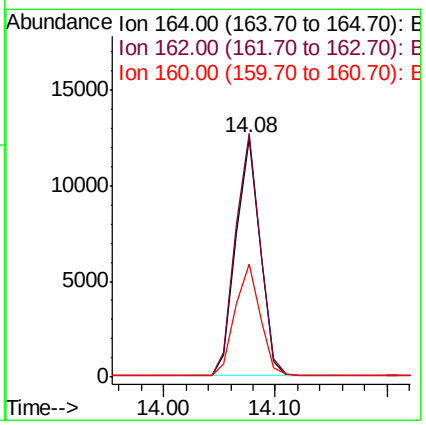


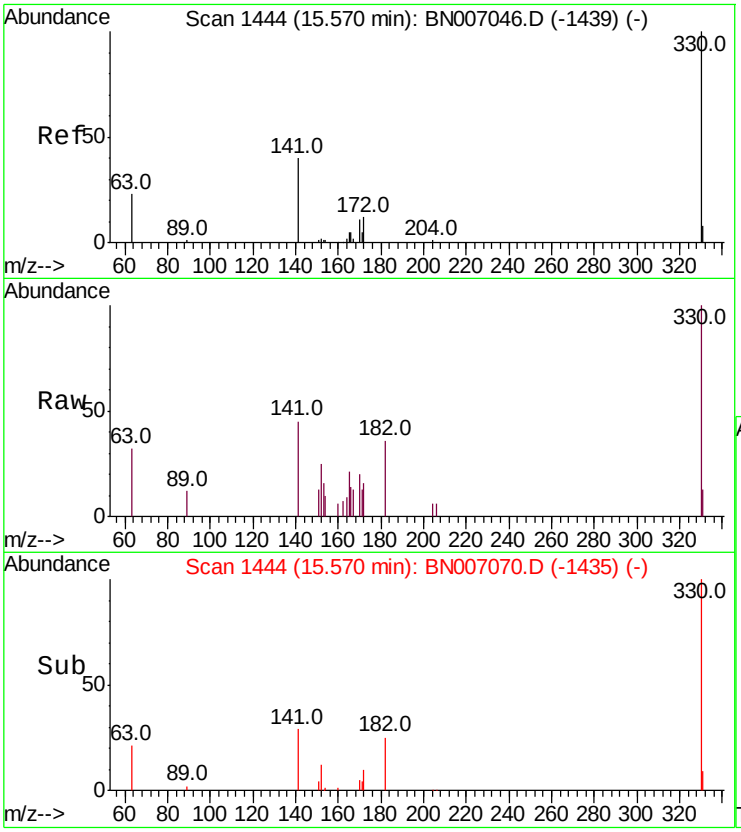


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:164 Resp: 18594

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.4
160	47.1	38.3	57.5



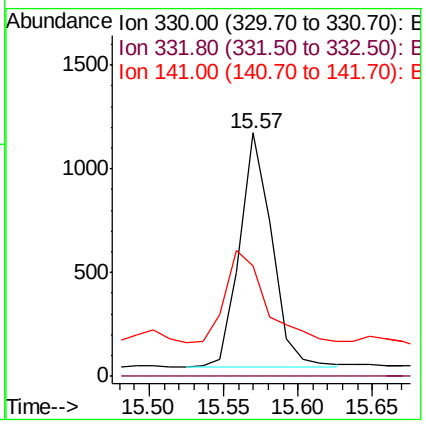


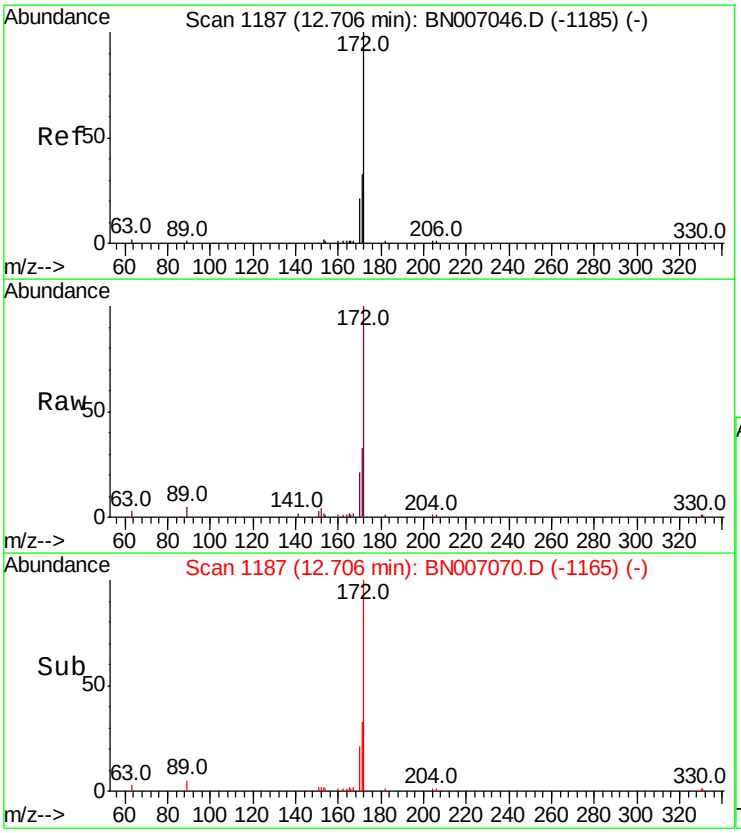
#13
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1680

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.1	33.6	50.4

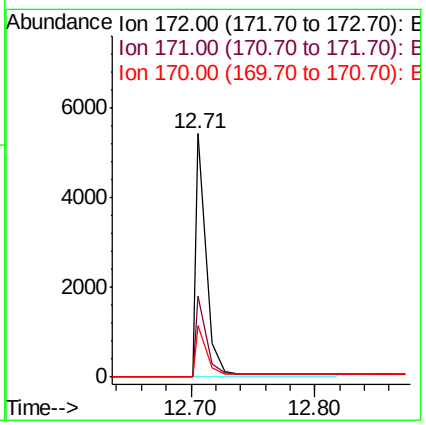


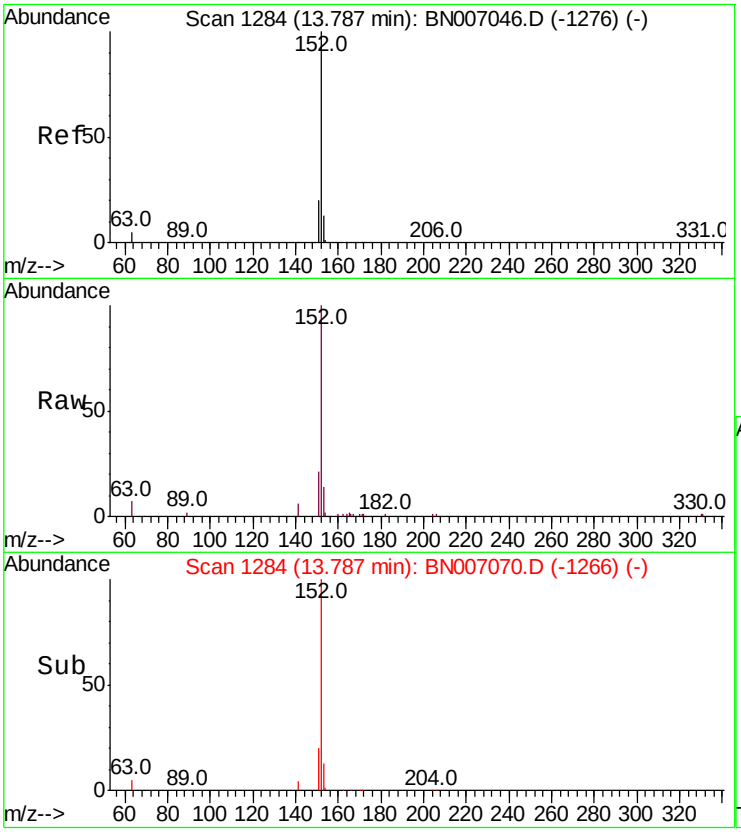


#14
2-Fluorobiphenyl
Concen: 0.153 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:172 Resp: 4125

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.3	39.5
170	21.4	17.0	25.4



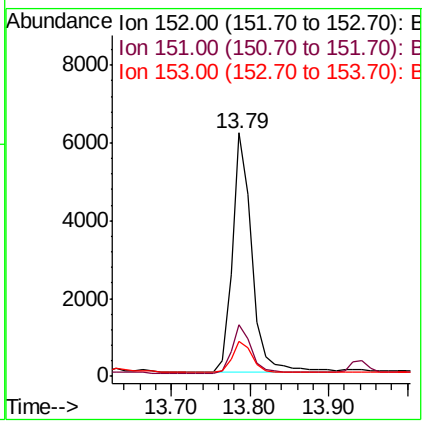


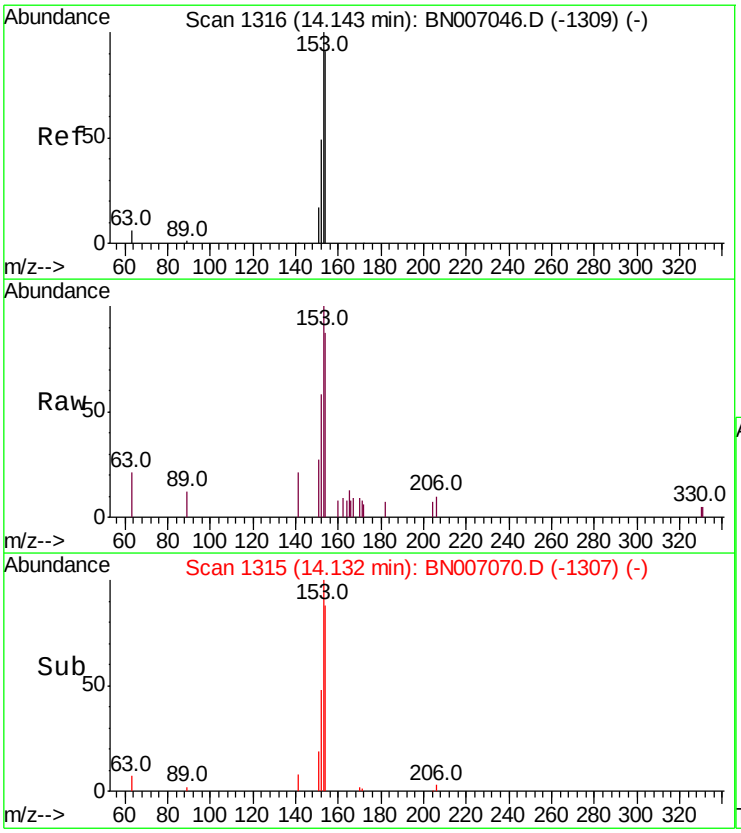
#15
Acenaphthylene
Concen: 0.111 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10783

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.8	10.4	15.6

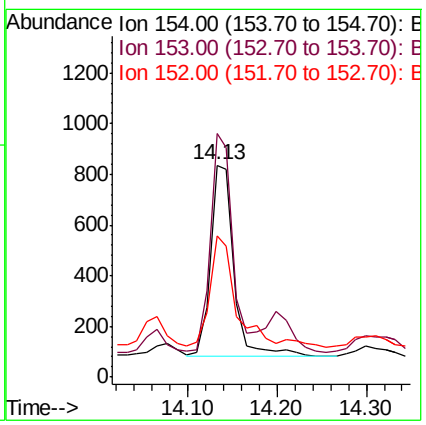


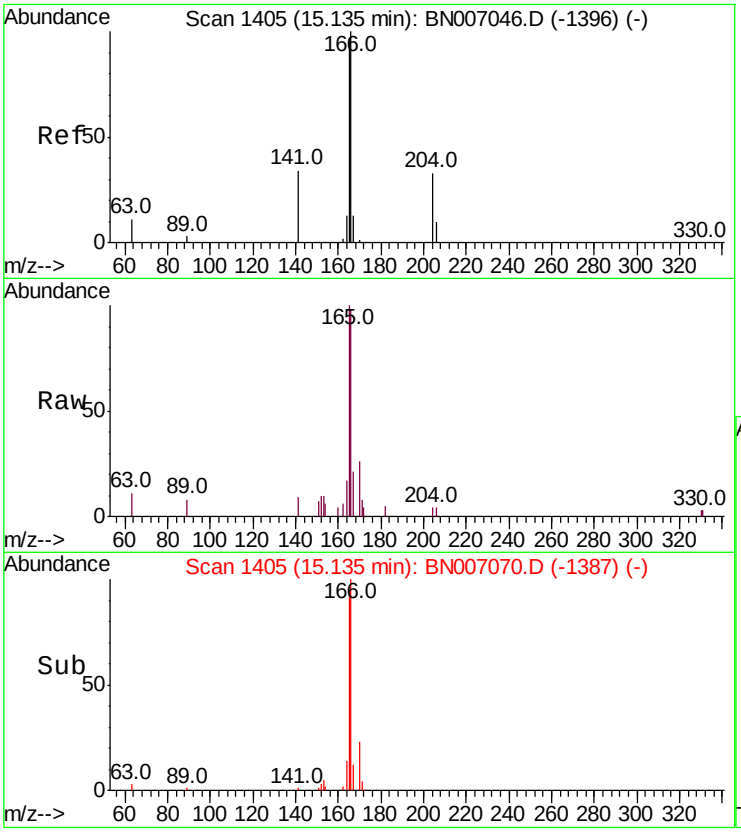


#16
Acenaphthene
Concen: 0.023 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:154 Resp: 1402

Ion	Ratio	Lower	Upper
154	100		
153	108.3	89.5	134.3
152	61.3	44.8	67.2



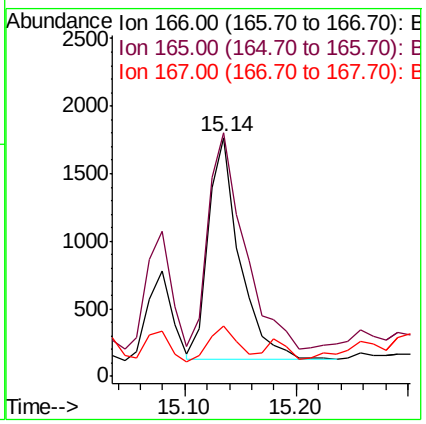


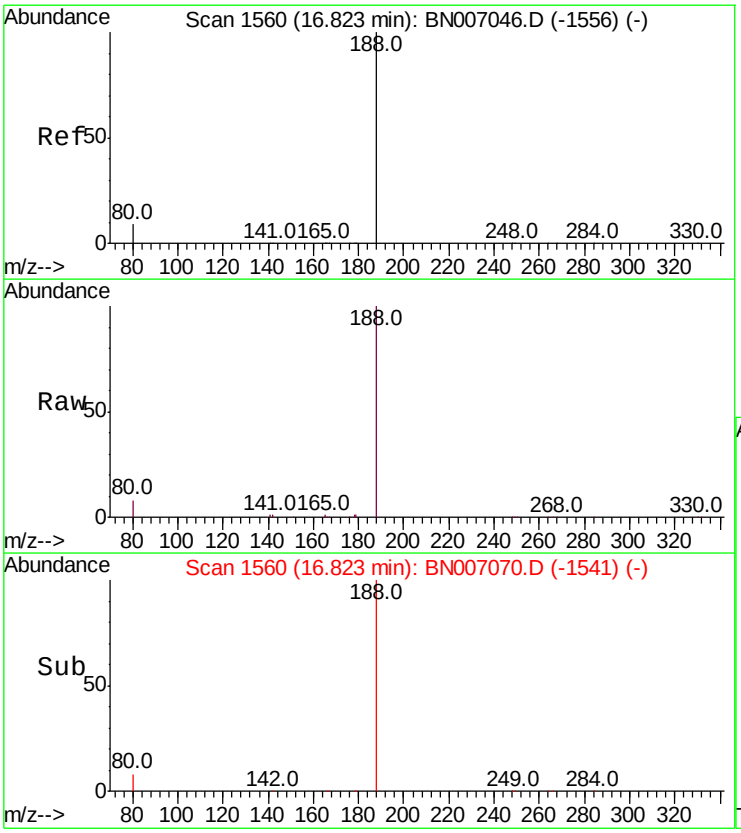
#17
Fluorene
Concen: 0.035 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 3218

Ion	Ratio	Lower	Upper
166	100		
165	110.5	77.9	116.9
167	15.1	10.9	16.3

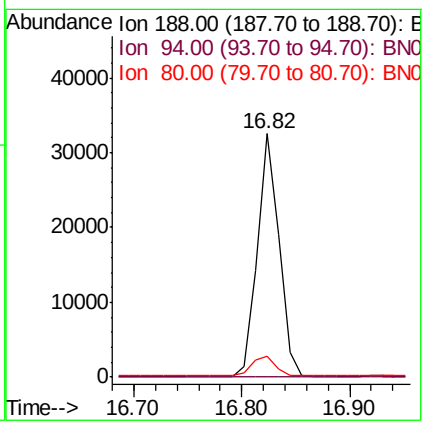


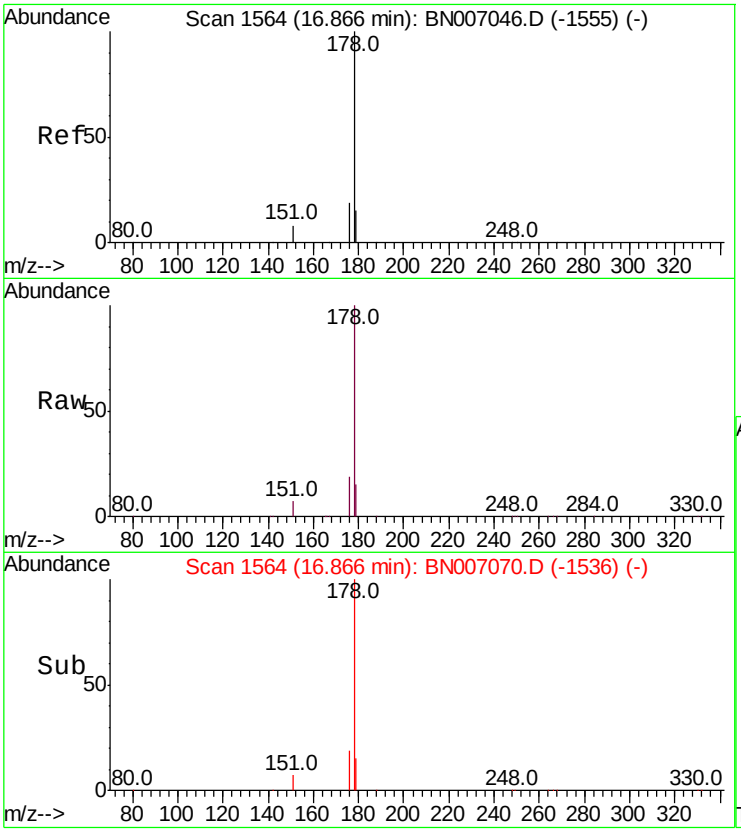


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:188 Resp: 44914

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.8	11.6



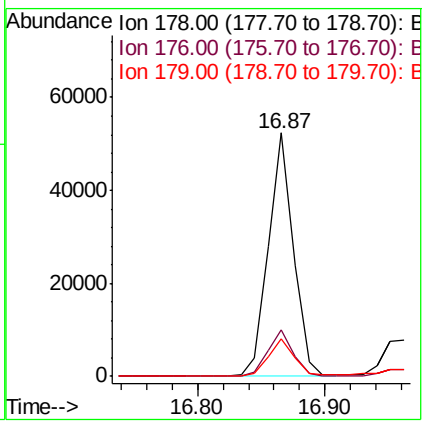


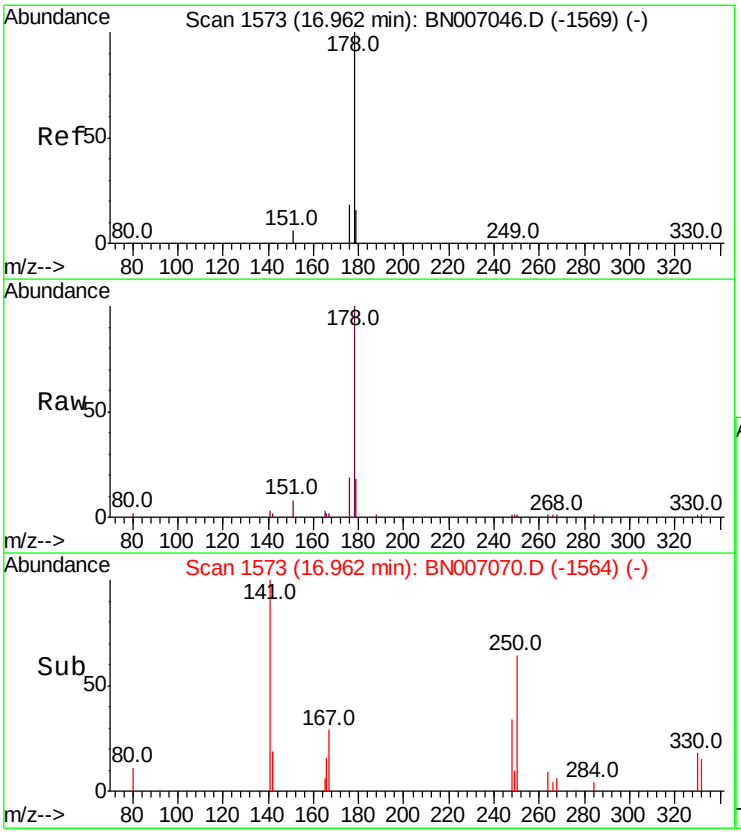
#22
Phenanthrene
Concen: 0.526 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 70806

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.3	18.5

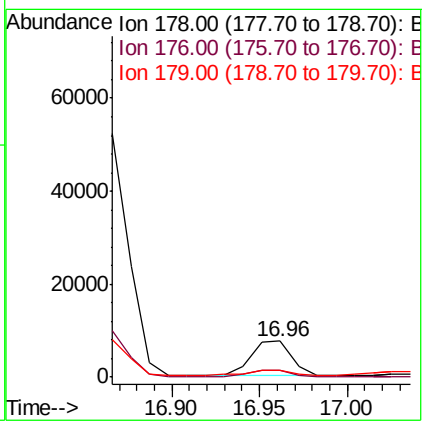


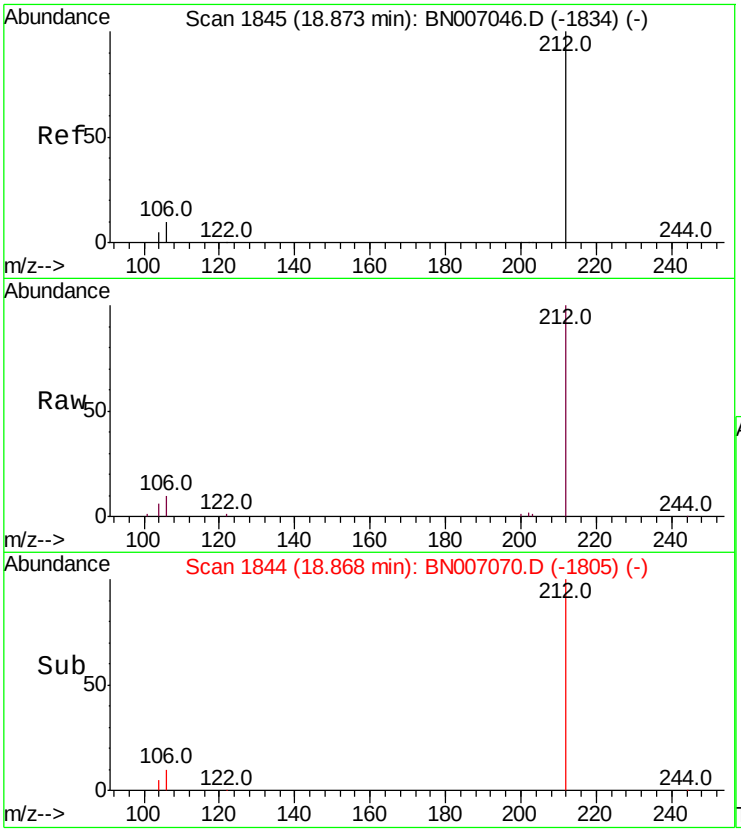


#23
Anthracene
Concen: 0.101 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:178 Resp: 12387

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	18.6	12.5	18.7



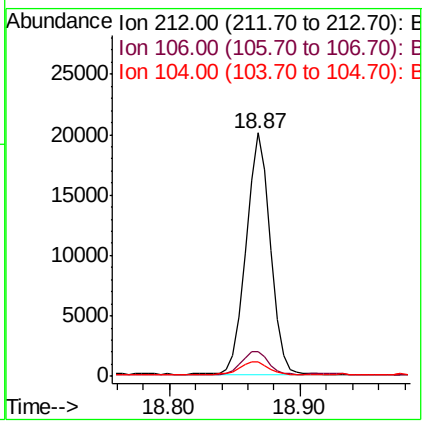


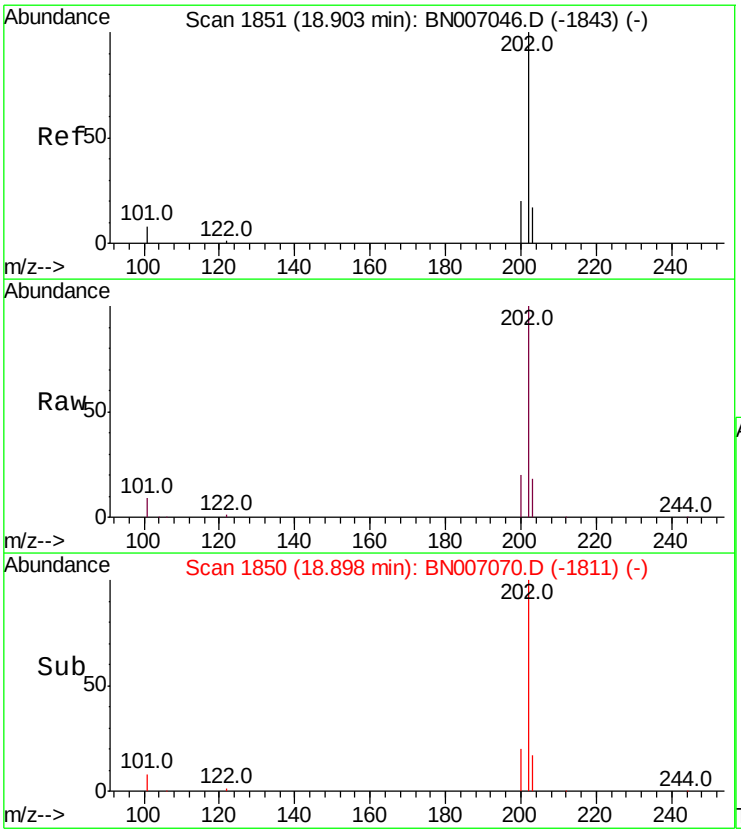
#24
Fluoranthene-d10
Concen: 0.163 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 25921

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.9	4.5	6.7

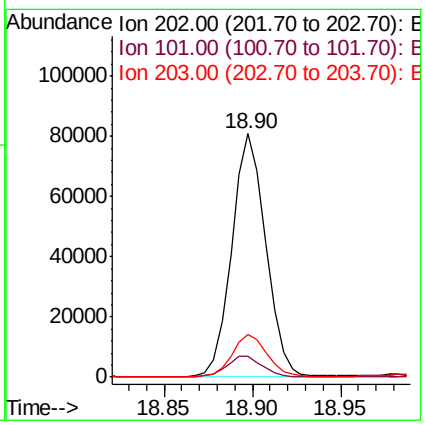


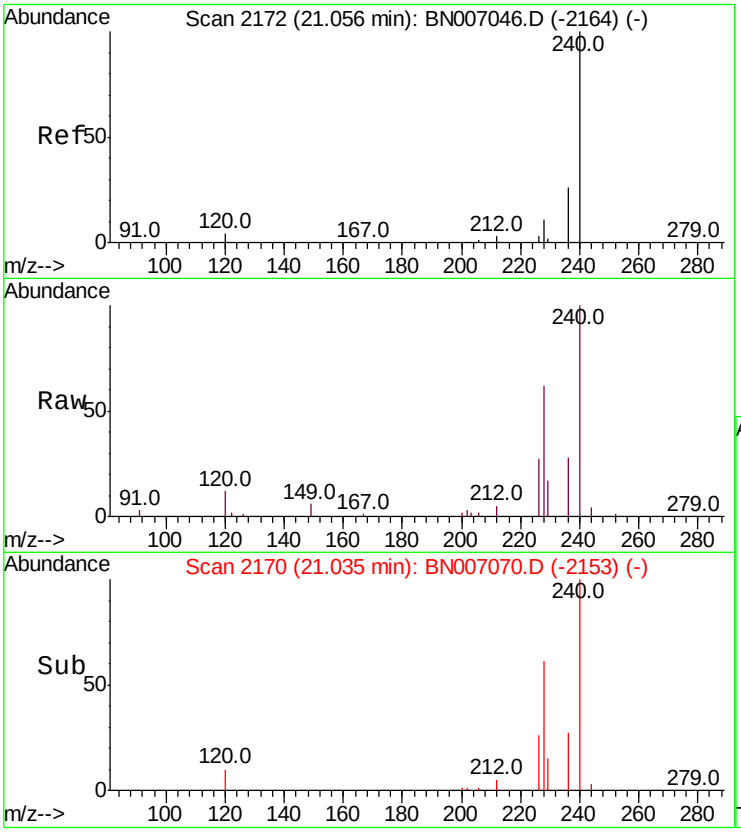


#25
Fluoranthene
Concen: 0.624 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:202 Resp: 107455

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
203	17.6	13.8	20.8



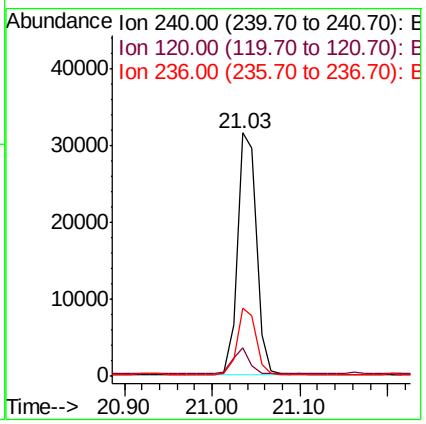


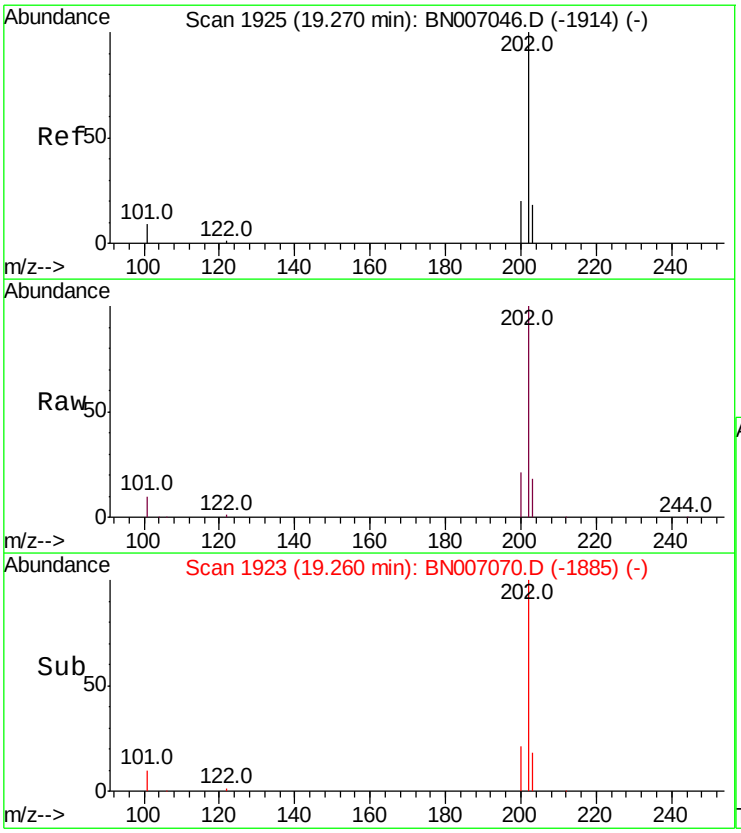
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 47348

Ion	Ratio	Lower	Upper
240	100		
120	11.9	4.0	6.0#
236	28.2	21.3	31.9

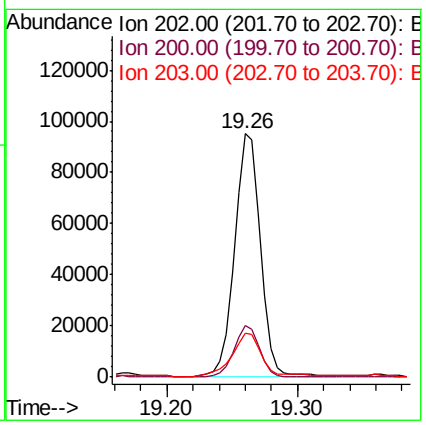


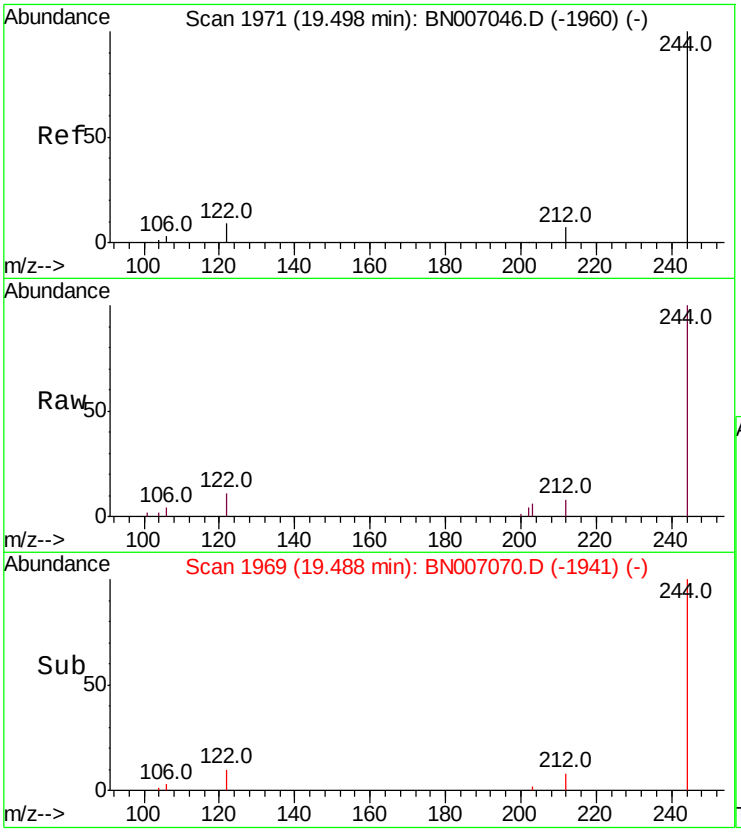


#27
Pyrene
Concen: 0.790 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:202 Resp: 131220

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	19.5	14.0	21.0



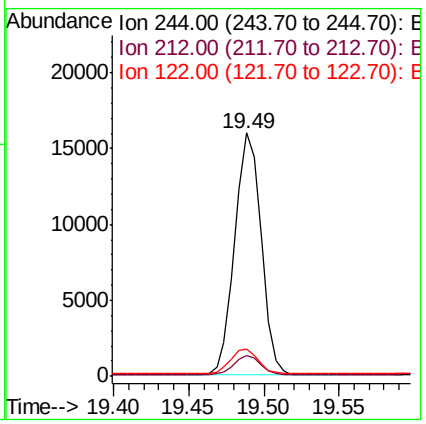


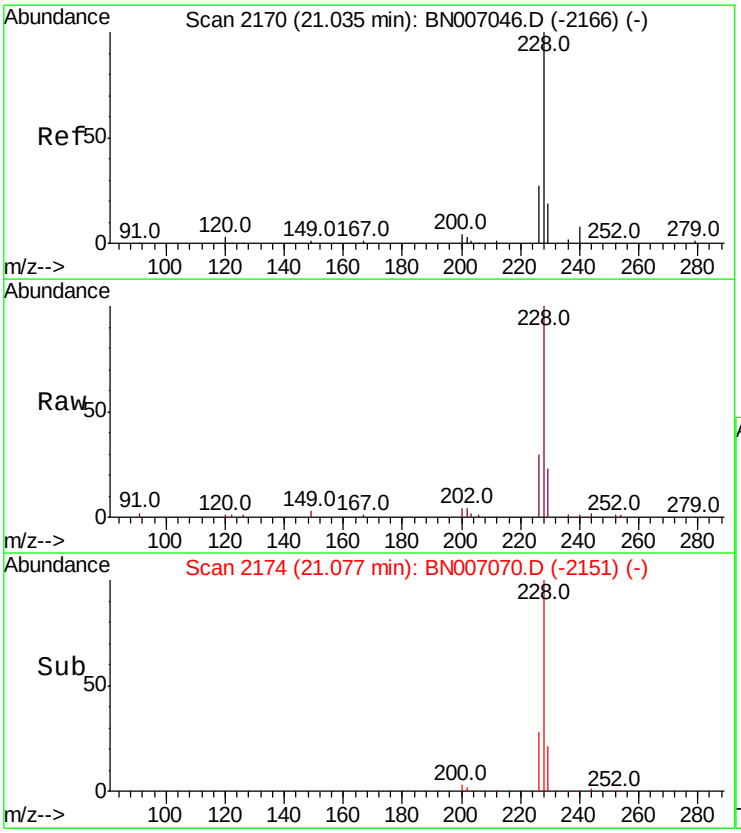
#28
Terphenyl-d14
Concen: 0.151 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19423

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	11.1	7.4	11.2

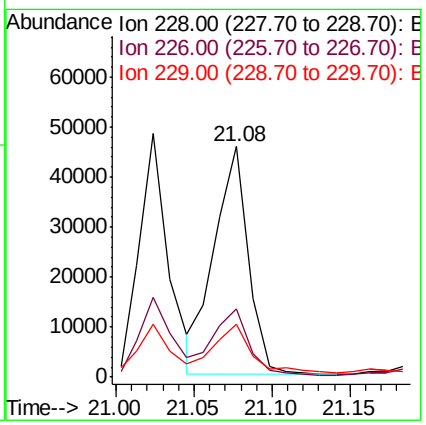


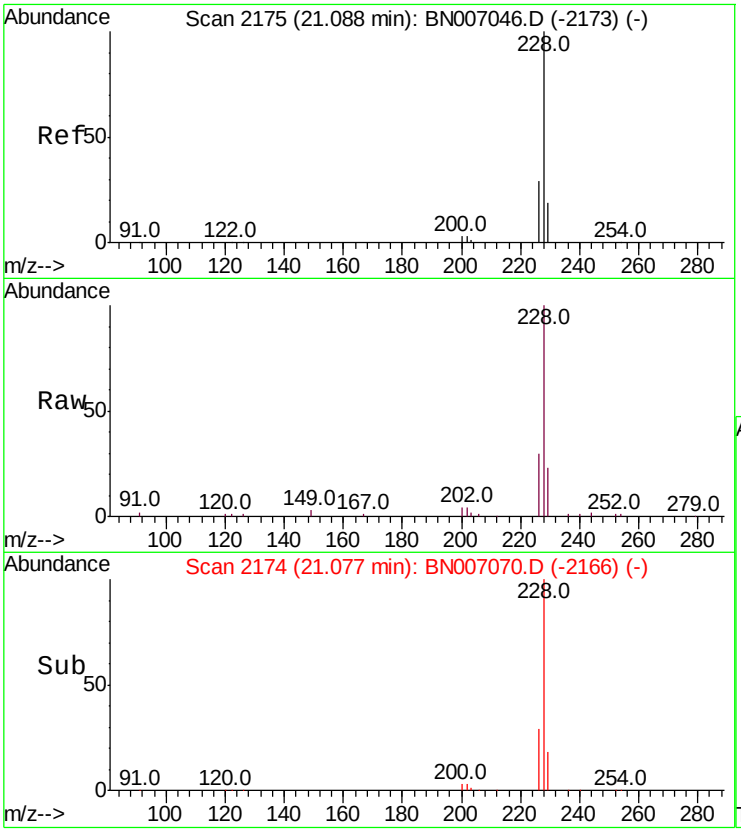


#29
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:228 Resp: 69230

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.6
229	23.1	15.6	23.4



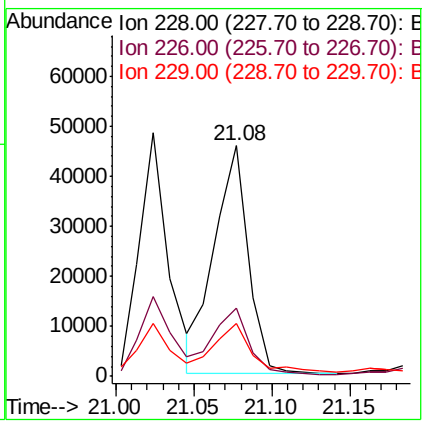


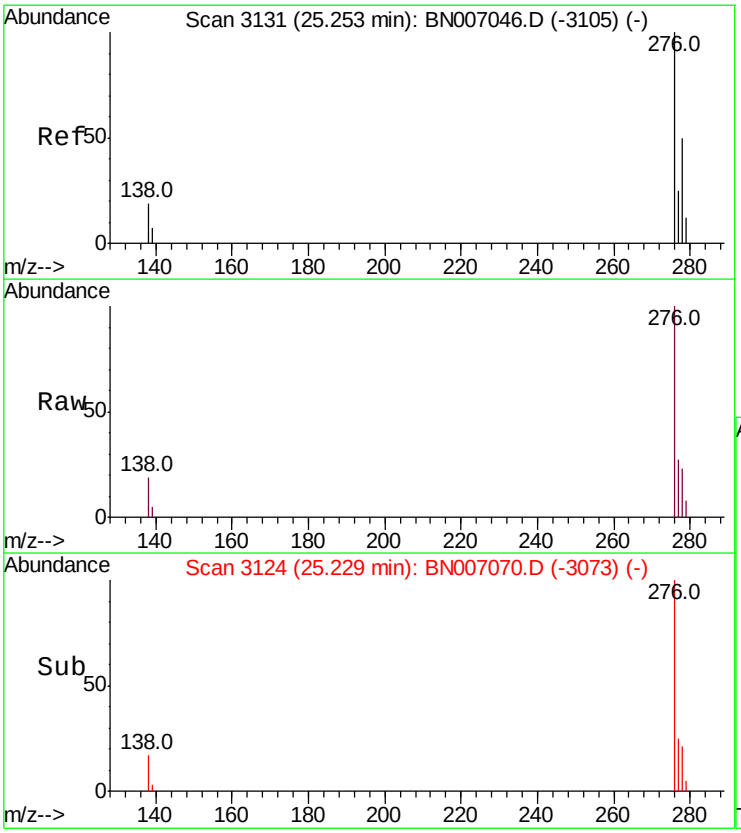
#30
Chrysene
Concen: 0.411 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 69184

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	23.1	15.7	23.5

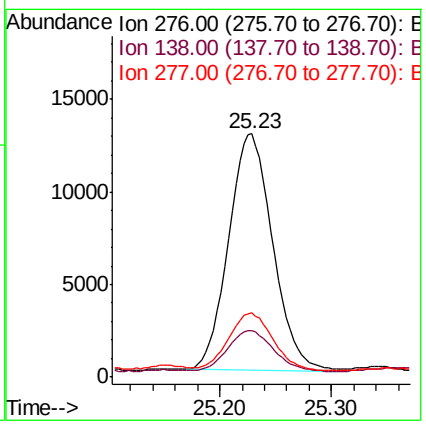


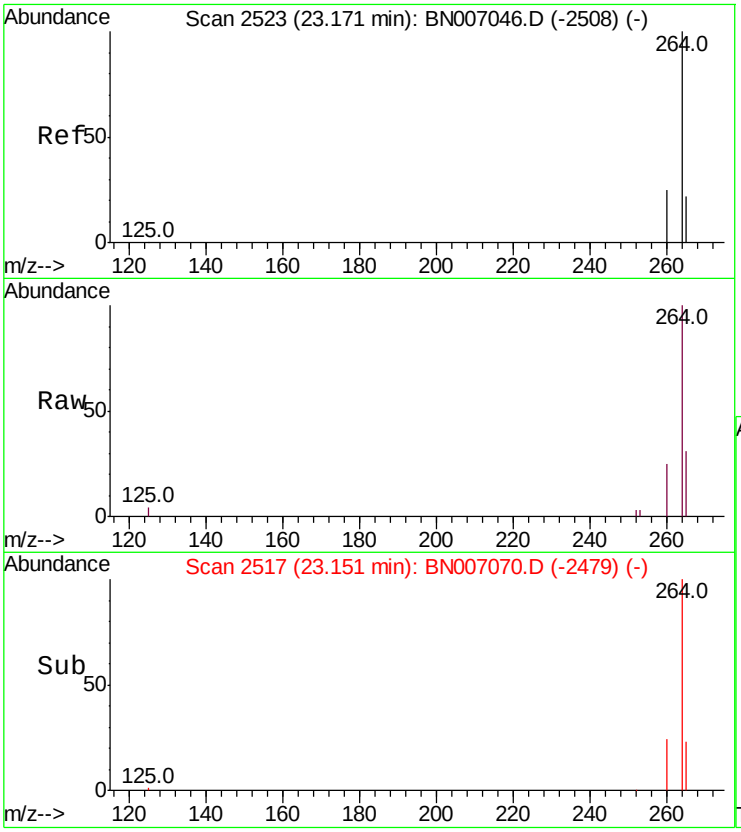


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:276 Resp: 34905

Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.0	24.0
277	24.5	19.9	29.9



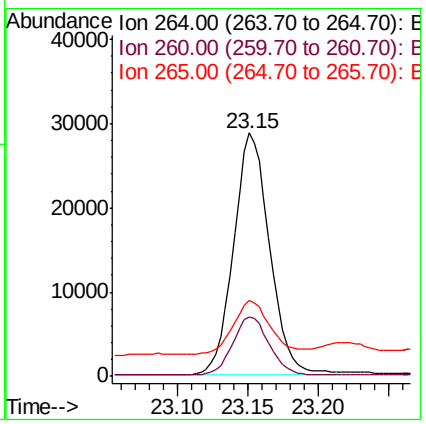


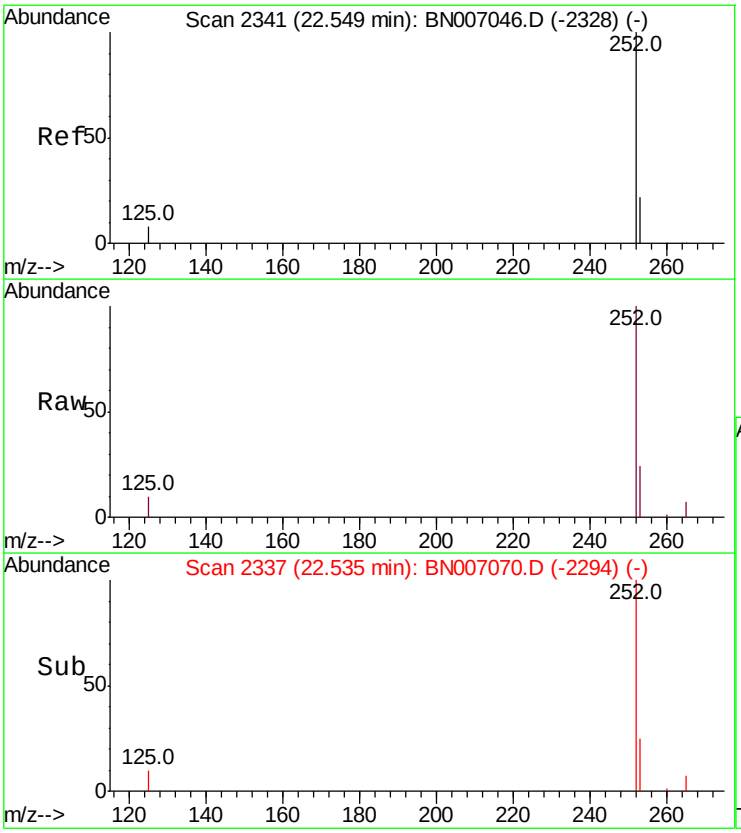
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 51079

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	31.2	26.2	39.4

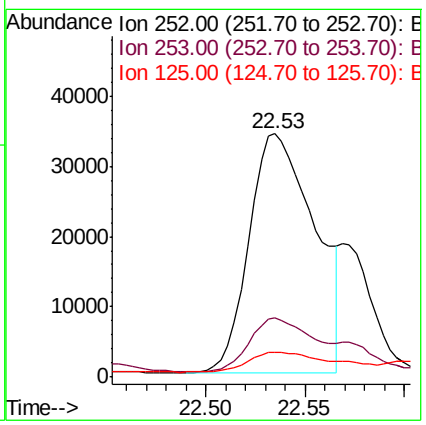


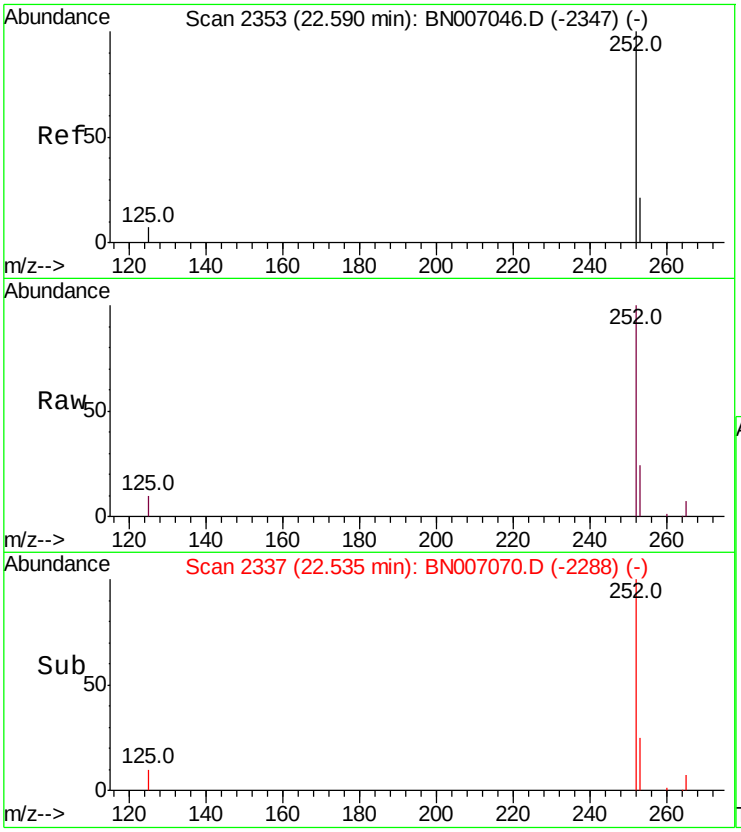


#33
Benzo(b)fluoranthene
Concen: 0.447 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:252 Resp: 78376

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	10.2	7.4	11.0



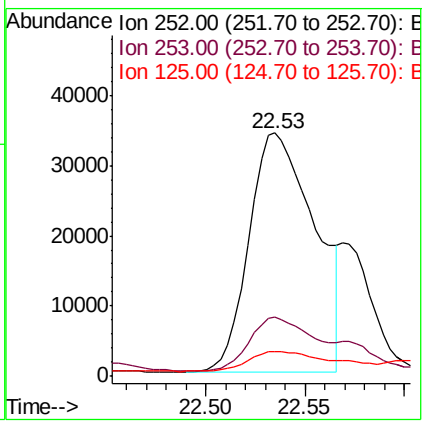


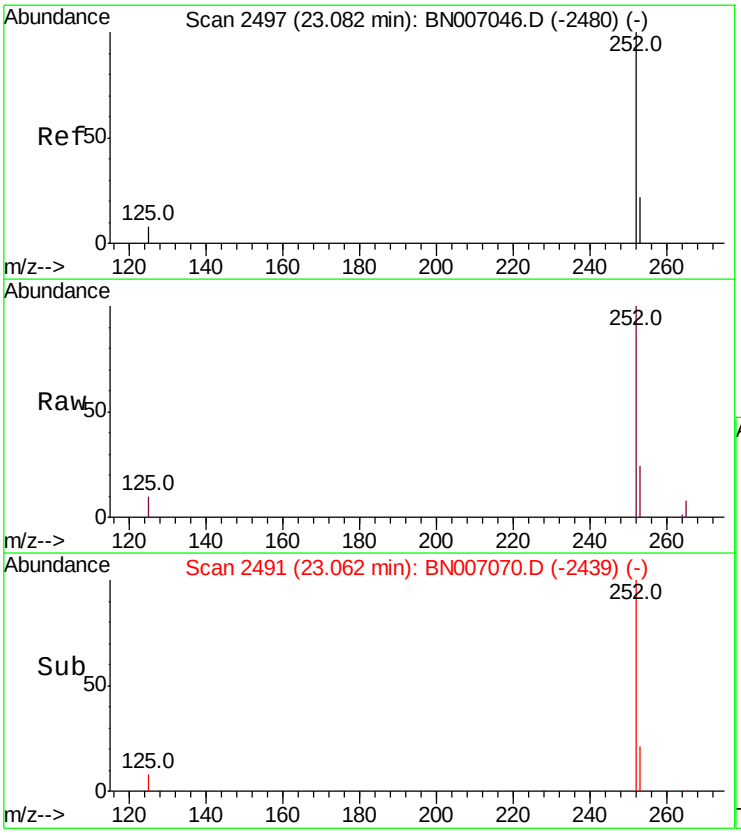
#34
Benzo(k)fluoranthene
Concen: 0.453 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.05 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 78376

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	10.2	7.4	11.0

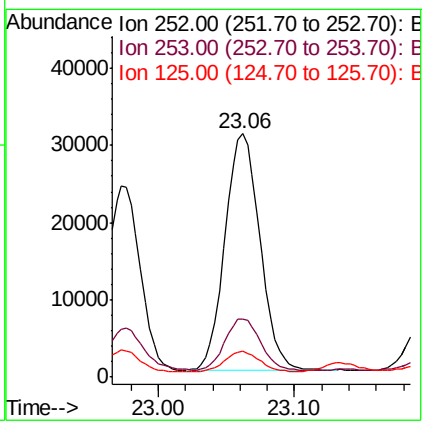


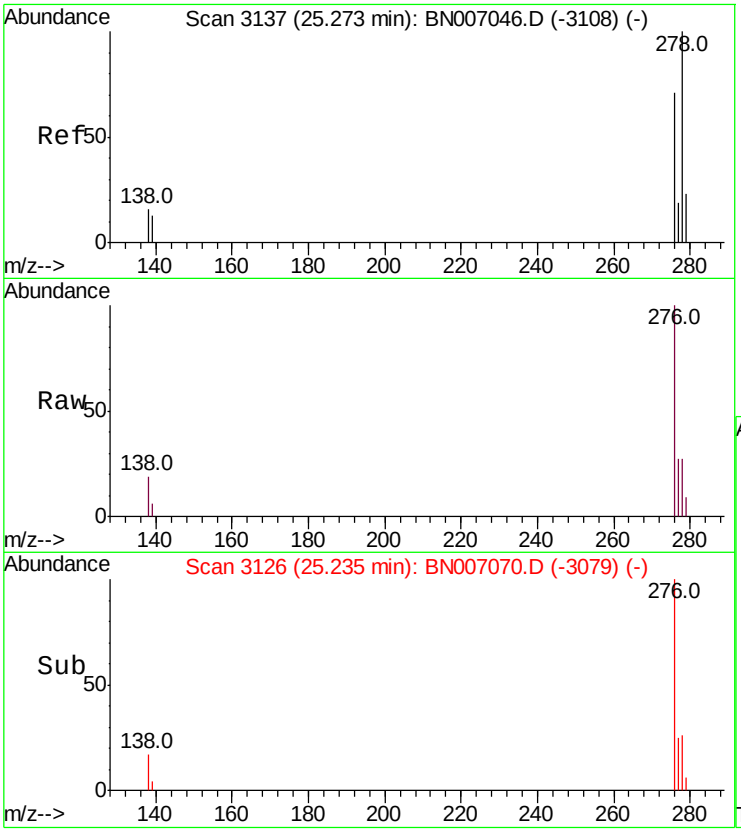


#35
Benzo(a)pyrene
Concen: 0.344 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:252 Resp: 54554

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	10.5	8.2	12.4



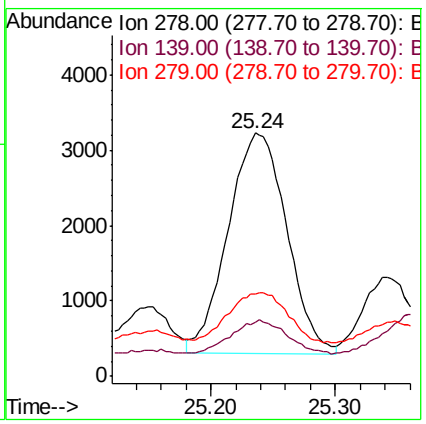


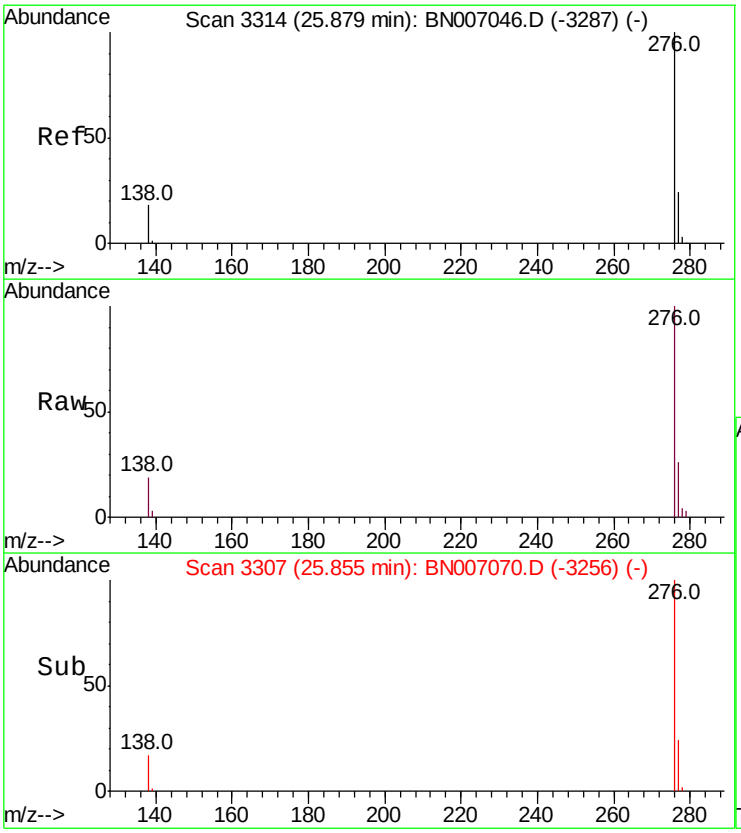
#36
Dibenzo(a,h)anthracene
Concen: 0.060 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.04 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 9533

Ion	Ratio	Lower	Upper
278	100		
139	22.3	11.3	16.9#
279	33.7	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.232 ng
RT: 25.85 min Scan# 3307
Delta R.T. -0.02 min
Lab File: BN007070.D
Acq: 11 Aug 2019 04:23

Tgt Ion:276 Resp: 37740

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.8	29.8
138	19.2	14.6	22.0