Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN007992.D
Acq On : 03 Oct 2019 22:11
Operator : JU
Sample : K5077-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-B265-092519

Quant Time: Oct 04 05:41:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4775	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	20211	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	12766	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	27335	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	29138	0.40	ng		-0.02
34) Perylene-d12	23.46	264	33220	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	5353	0.33	ng		-0.02
5) Phenol-d6	6.86	99	7665	0.37	ng		0.00
8) Nitrobenzene-d5	8.82	82	5639	0.32	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	11927	0.35	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	2450	0.35	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	16426	0.31	ng		-0.02
25) Fluoranthene-d10	19.09	212	32361	0.35	ng		-0.02
29) Terphenyl-d14	19.70	244	25901	0.36	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.98	42	5561	2.281	ng		87
9) Naphthalene	10.49	128	3900	0.069	ng	#	89
12) 2-Methylnaphthalene	12.12	142	3696	0.096	ng		94
16) Acenaphthylene	14.02	152	48949	0.723	ng		99
17) Acenaphthene	14.37	154	10274	0.235	ng		95
18) Fluorene	15.36	166	15741	0.281	ng	#	88
23) Phenanthrene	17.10	178	521143	6.120	ng		100
24) Anthracene	17.18	178	85800	1.116	ng		98
26) Fluoranthene	19.12	202	632989	5.978	ng		99
28) Pyrene	19.48	202	1028395	10.348	ng	#	94
30) Benzo(a)anthracene	21.23	228	513381	4.784	ng		98
31) Chrysene	21.28	228	623220	5.960	ng		98
32) Bis(2-ethylhexyl)phthalate	21.18	149	7938	0.144	ng		96
33) Indeno(1,2,3-cd)pyrene	25.67	276	204558	1.562	ng		96
35) Benzo(b)fluoranthene	22.81	252	449545	3.898	ng		99
36) Benzo(k)fluoranthene	22.81	252	449545	3.942	ng		99
37) Benzo(a)pyrene	23.37	252	392933	3.626	ng		98
38) Dibenzo(a,h)anthracene	25.67	278	74032	0.668	ng		92
39) Benzo(g,h,i)perylene	26.34	276	250308	2.281	ng		99

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

Quantitation Report (Not Reviewed)

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PST-024-B265-092519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
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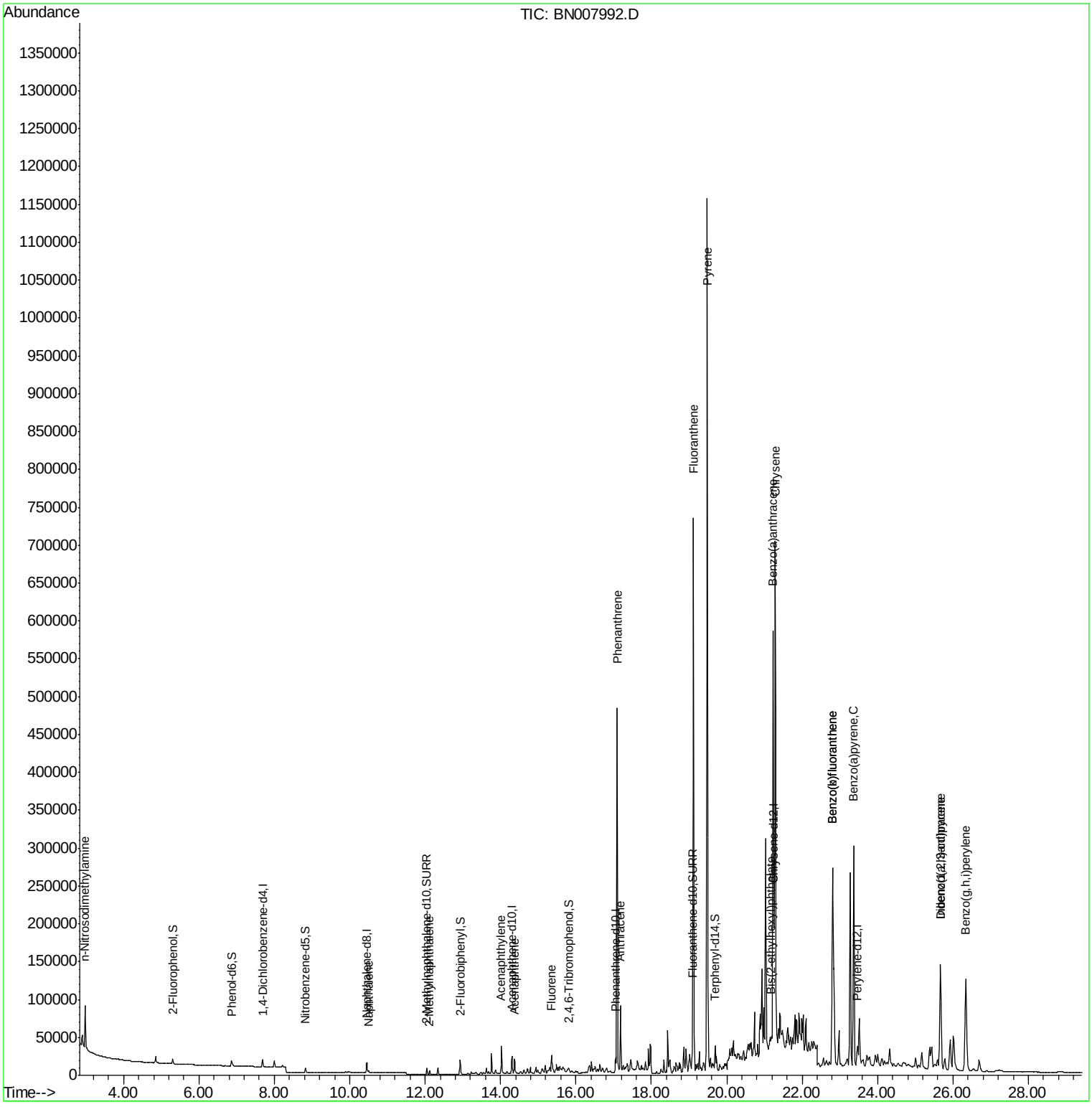
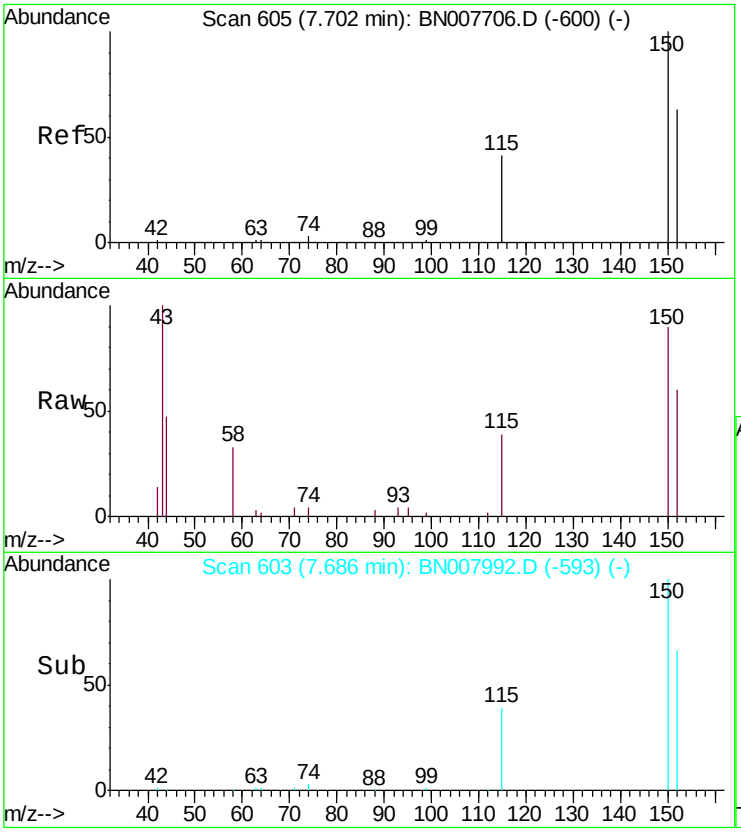


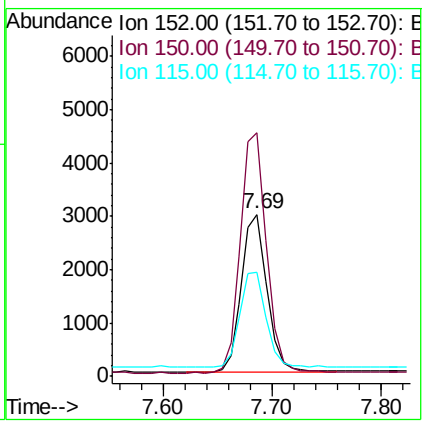


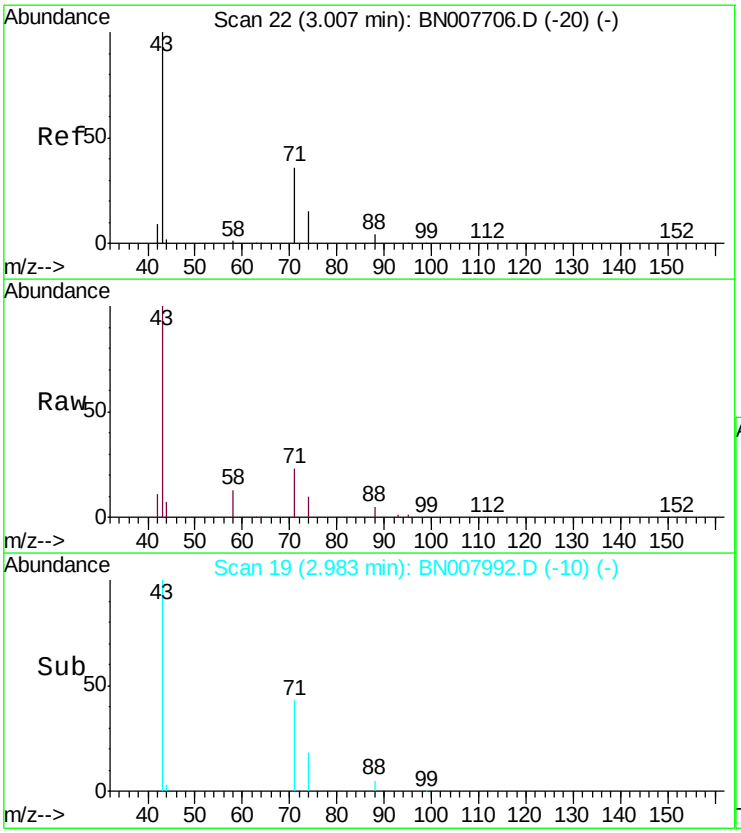
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:152 Resp: 4775

Ion	Ratio	Lower	Upper
152	100		
150	150.1	125.6	188.4
115	64.0	53.3	79.9

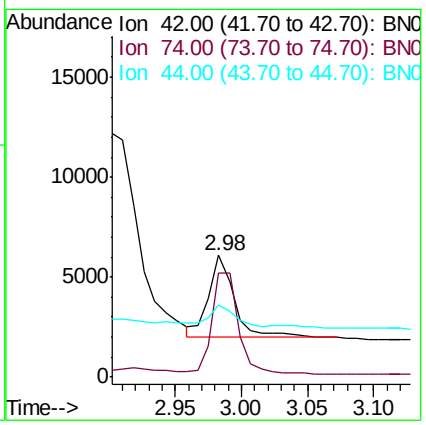


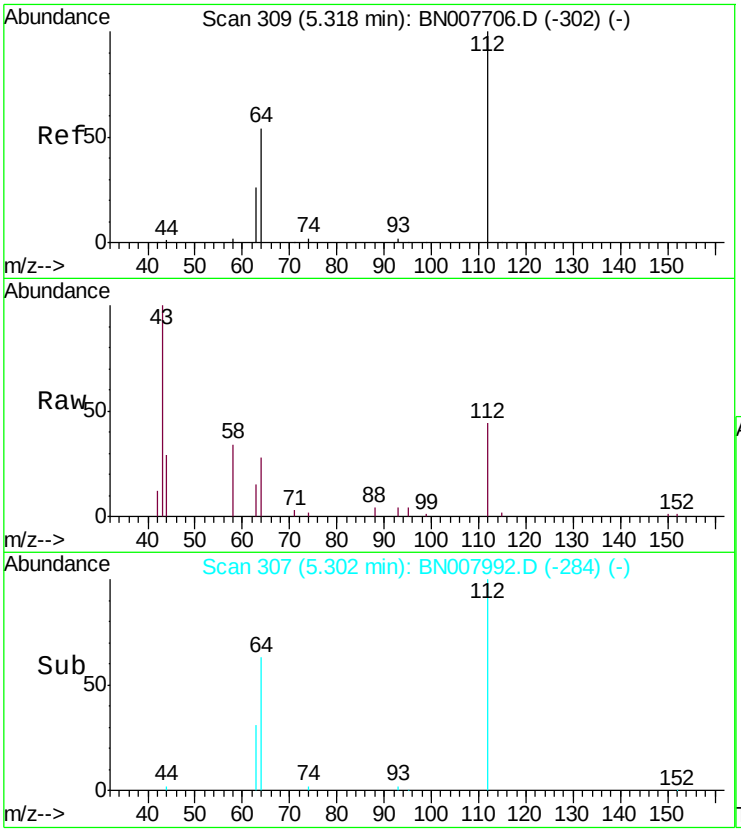


#3
n-Nitrosodimethylamine
Concen: 2.281 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion: 42 Resp: 5561

Ion	Ratio	Lower	Upper
42	100		
74	125.4	87.9	131.9
44	32.3	29.4	44.0



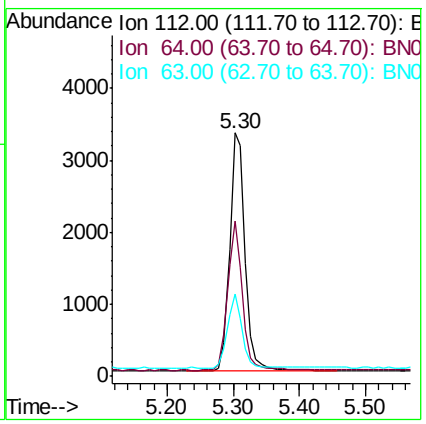


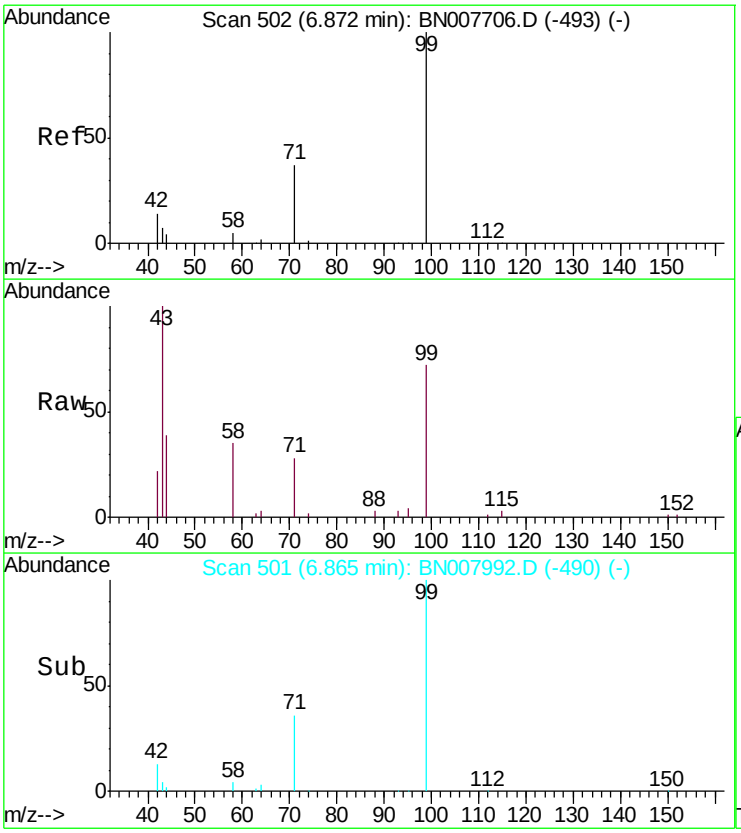
#4
2-Fluorophenol
Concen: 0.326 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:112 Resp: 5353

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.6	70.0
63	30.2	23.1	34.7

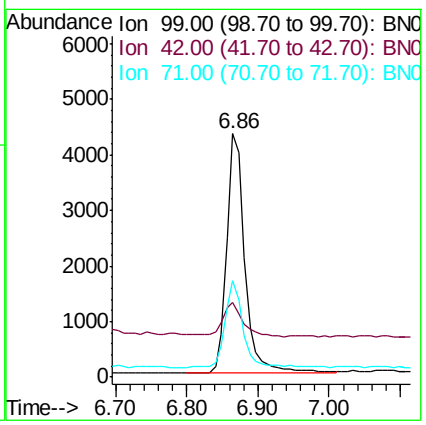


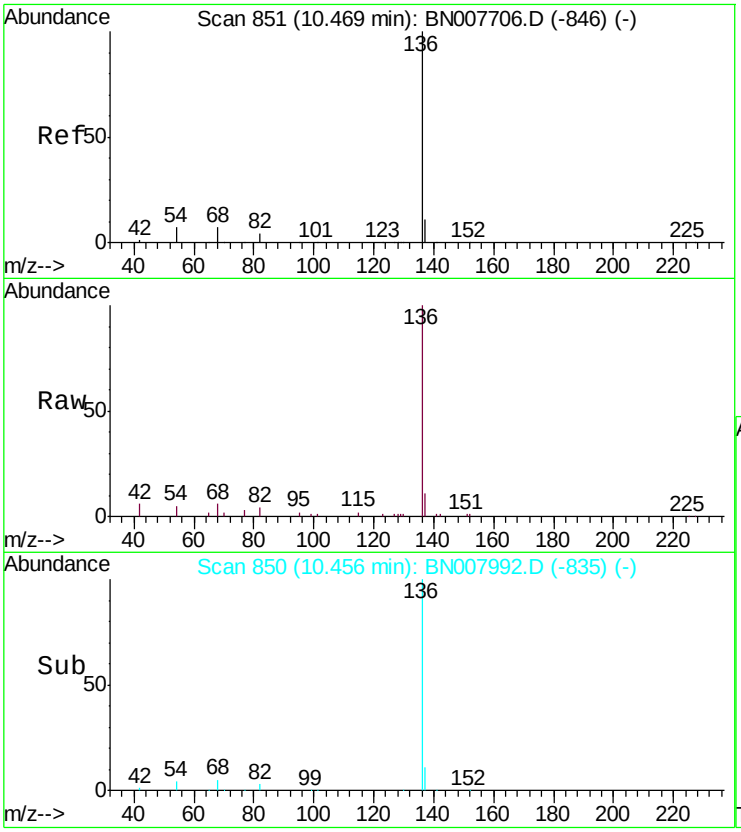


#5
Phenol-d6
Concen: 0.374 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion: 99 Resp: 7665

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	35.3	27.6	41.4



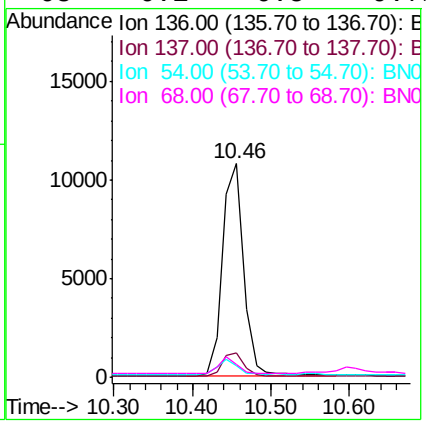


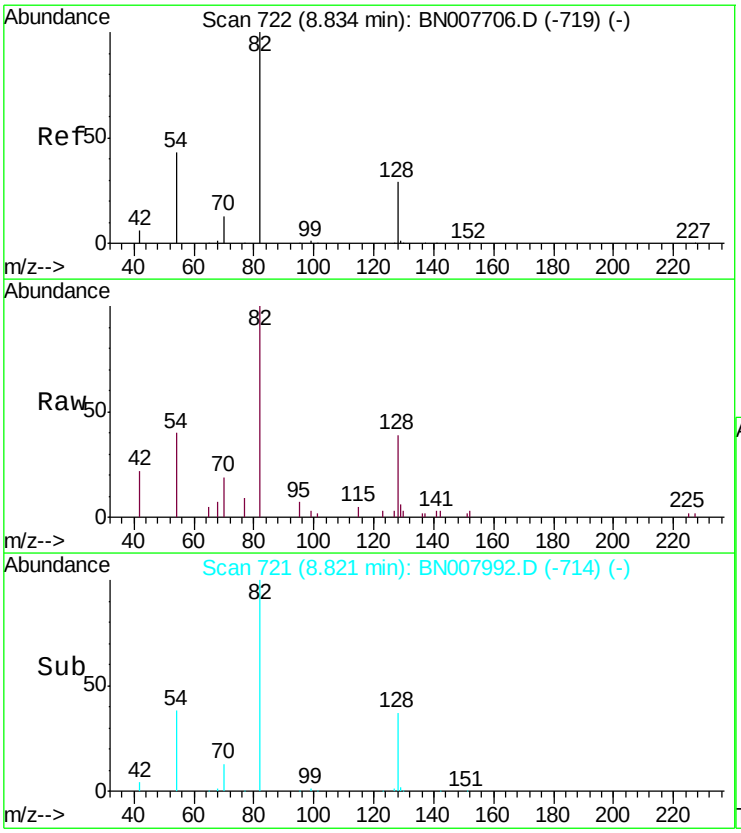
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:136 Resp: 20211

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.1	5.8	8.8#
68	6.1	6.5	9.7#

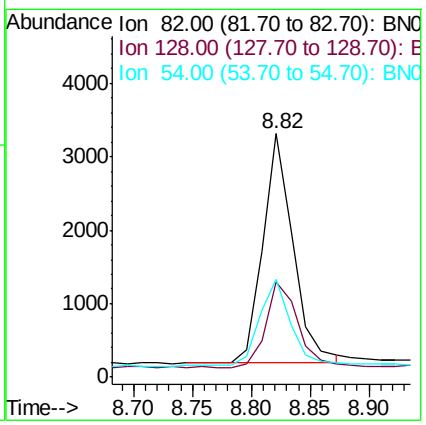


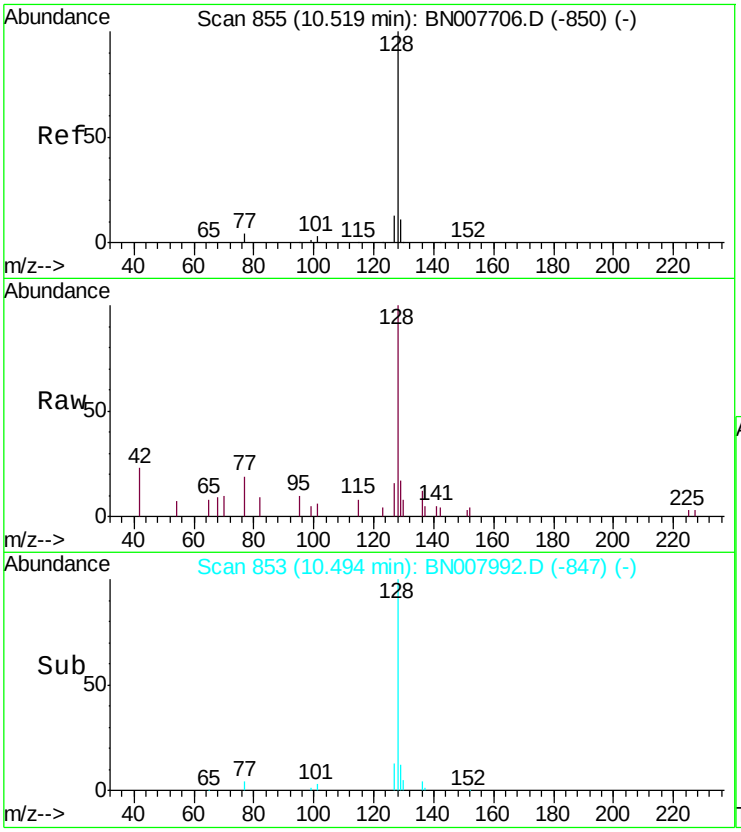


#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion: 82 Resp: 5639

Ion	Ratio	Lower	Upper
82	100		
128	38.9	24.5	36.7#
54	40.1	35.2	52.8



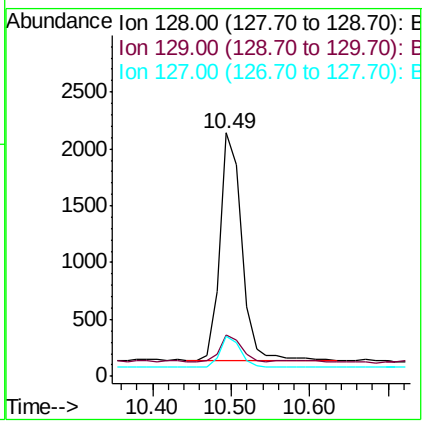


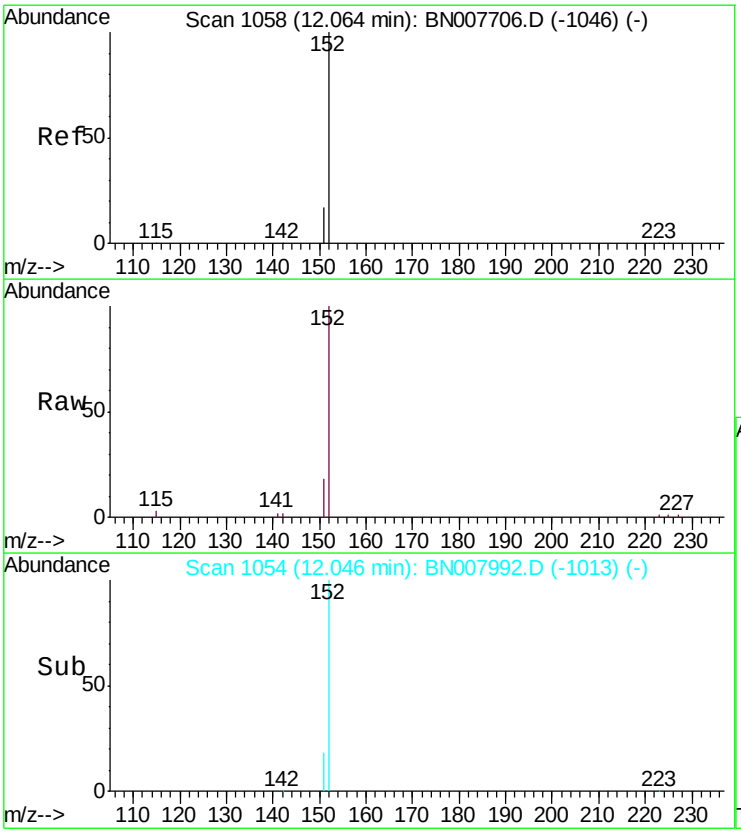
#9
Naphthalene
Concen: 0.069 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:128 Resp: 3900

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.1	13.7#
127	16.3	10.6	15.8#

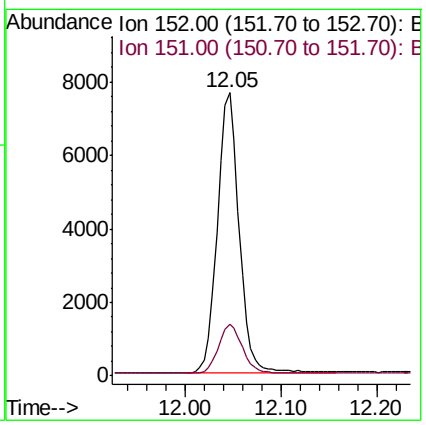


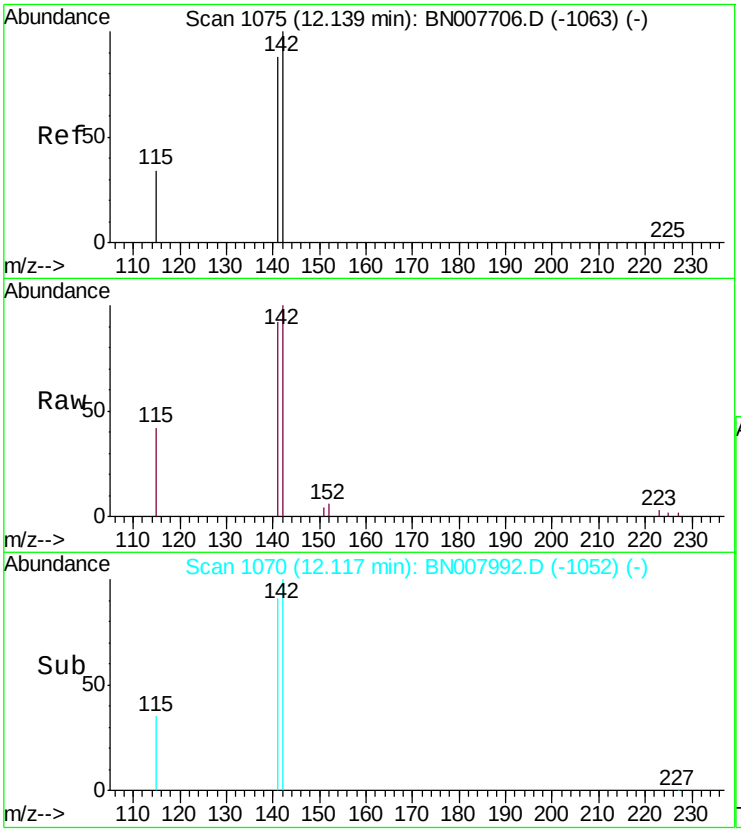


#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:152 Resp: 11927

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2



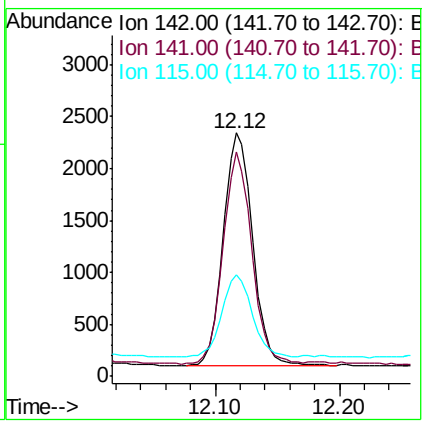


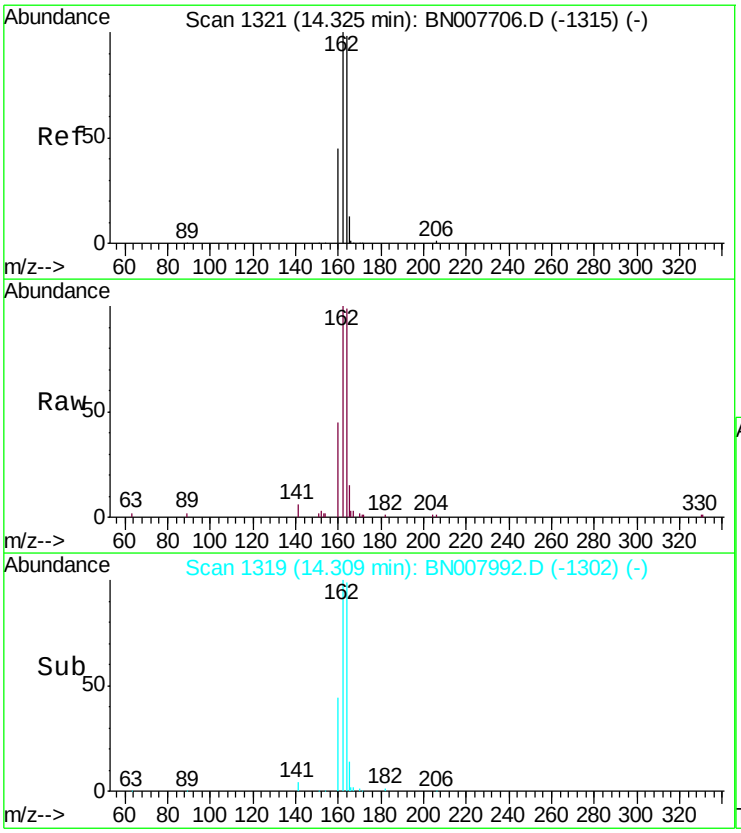
#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:142 Resp: 3696

Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.6	106.0
115	41.9	28.3	42.5

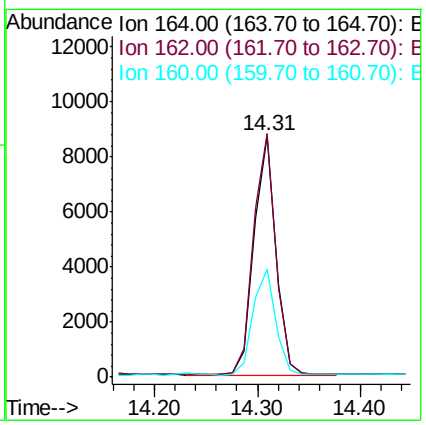


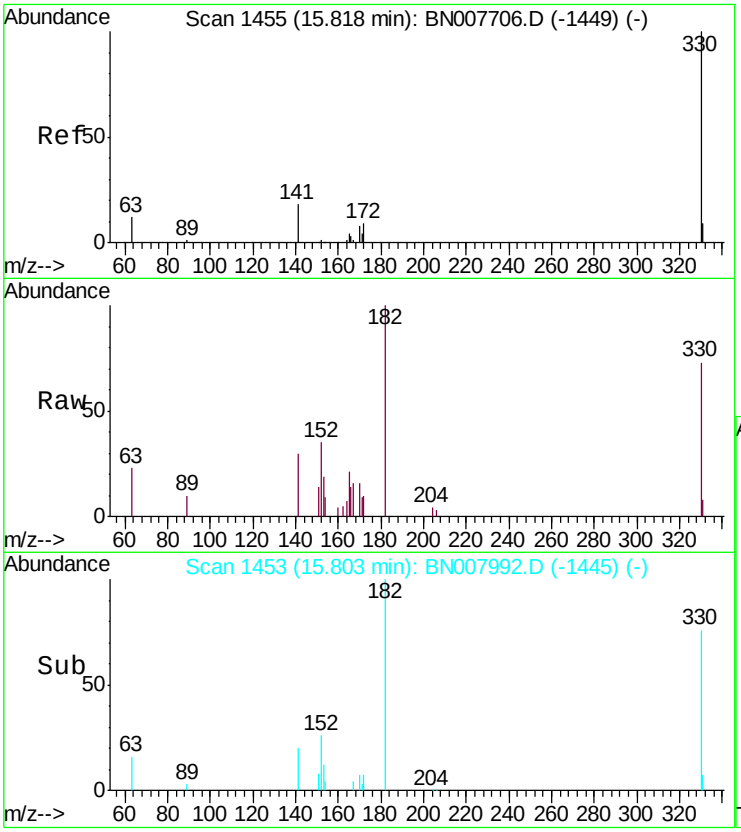


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:164 Resp: 12766

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.7	122.5
160	44.9	37.0	55.4



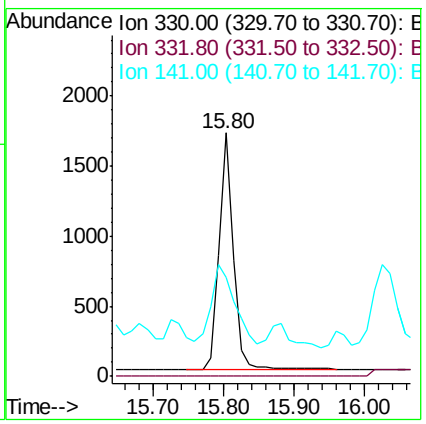


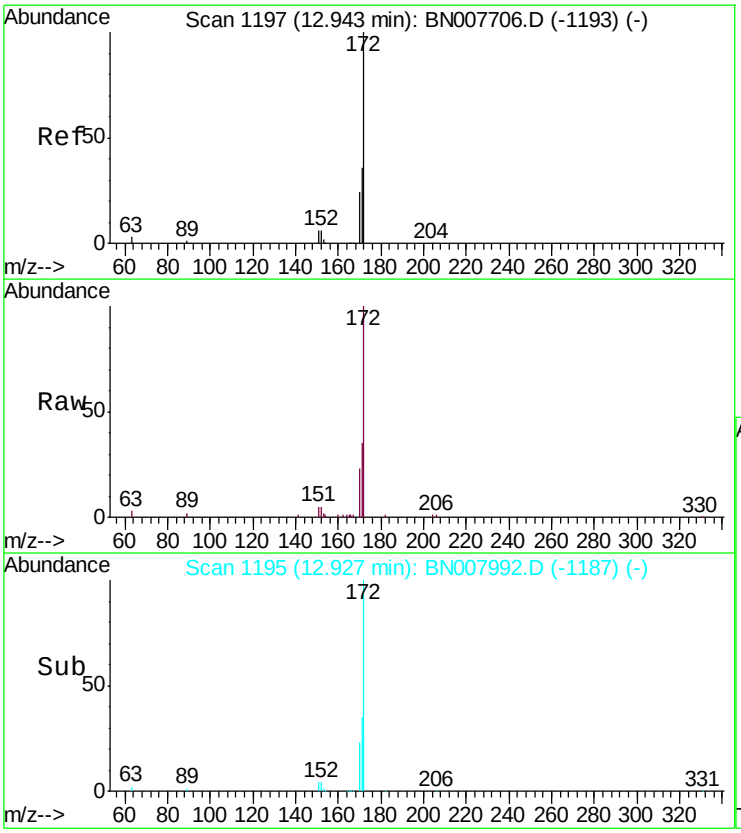
#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:330 Resp: 2450

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.2	28.7	43.1#

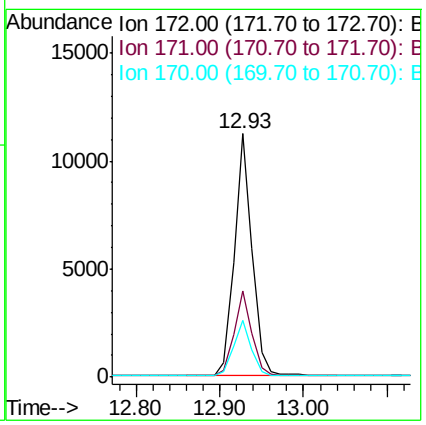


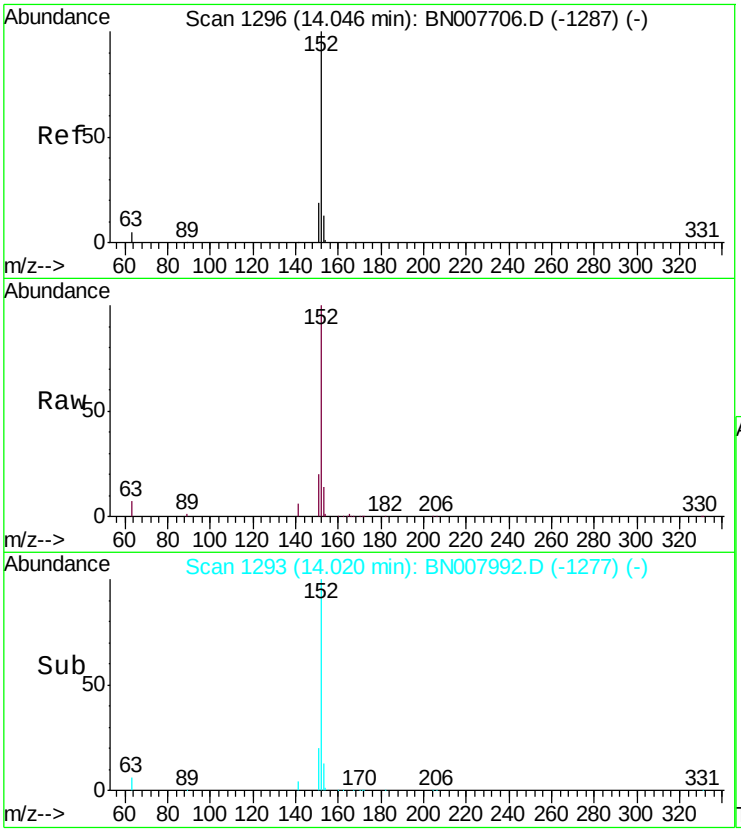


#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:172 Resp: 16426

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.2	19.5	29.3



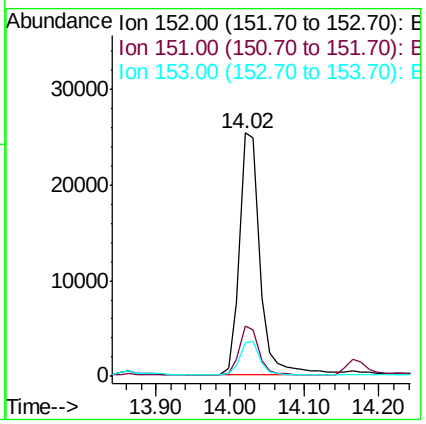


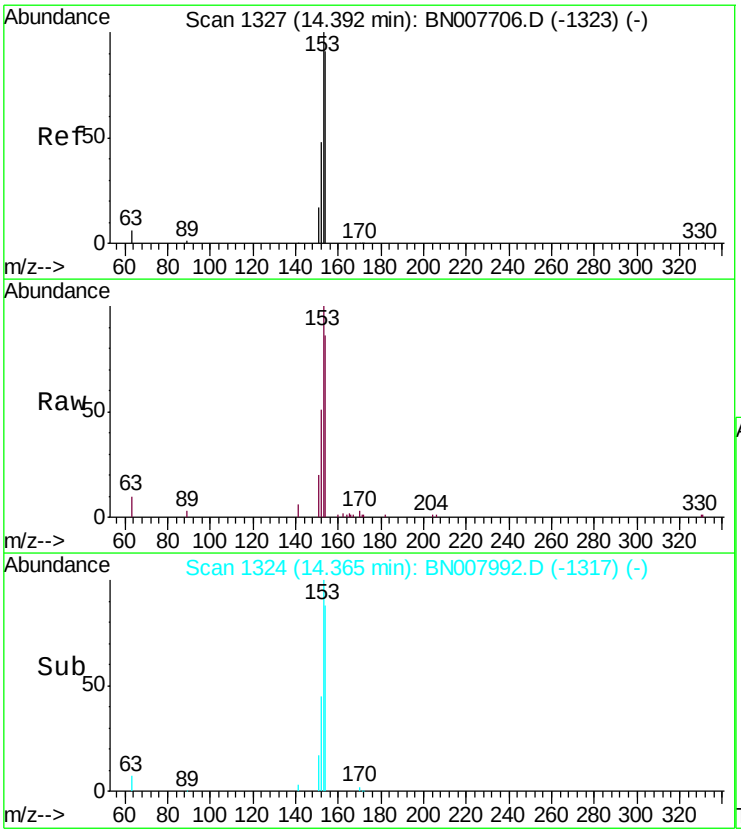
#16
Acenaphthylene
Concen: 0.723 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:152 Resp: 48949

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	14.1	10.4	15.6

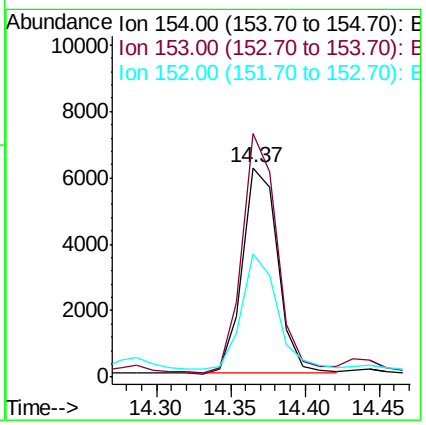


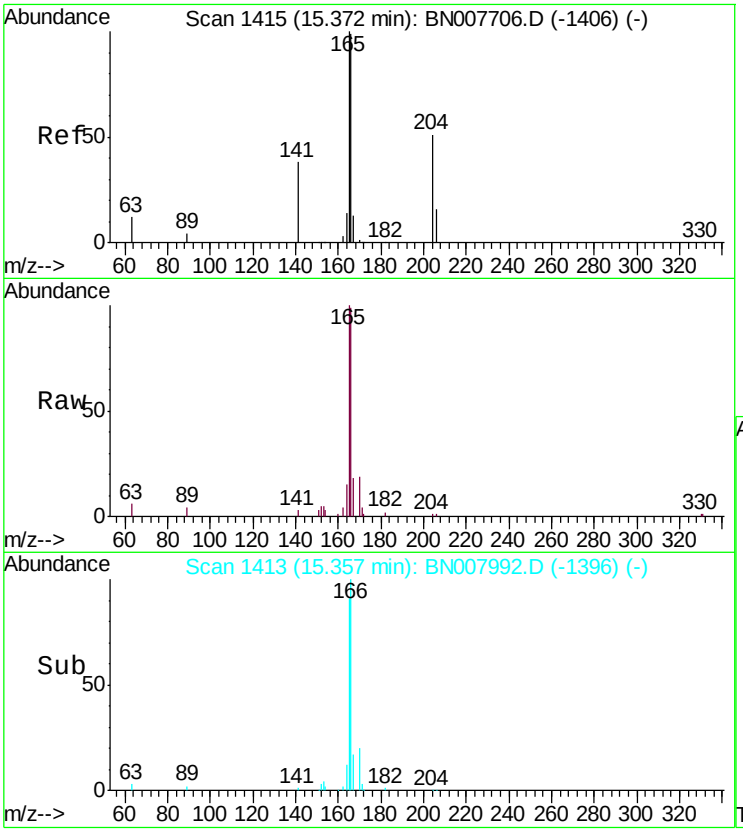


#17
Acenaphthene
Concen: 0.235 ng
RT: 14.37 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:154 Resp: 10274

Ion	Ratio	Lower	Upper
154	100		
153	114.6	87.0	130.4
152	56.0	42.7	64.1



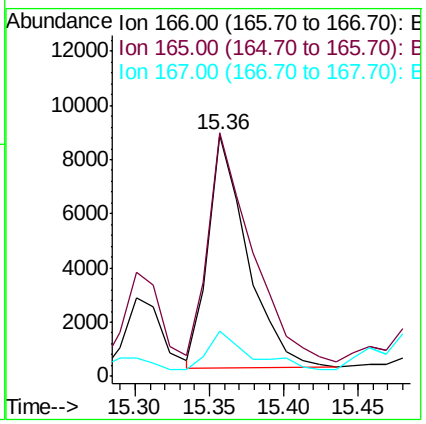


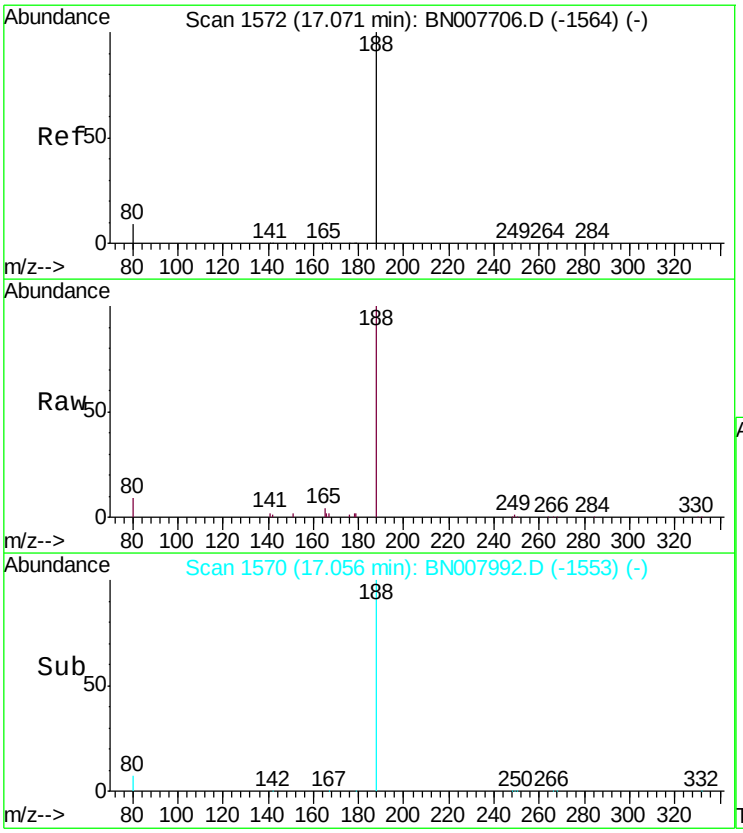
#18
Fluorene
Concen: 0.281 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:166 Resp: 15741

Ion	Ratio	Lower	Upper
166	100		
165	109.2	78.0	117.0
167	17.8	10.9	16.3#

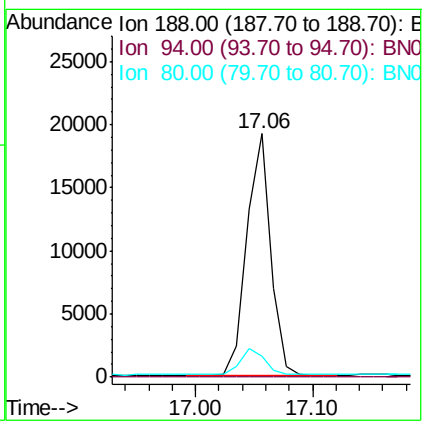


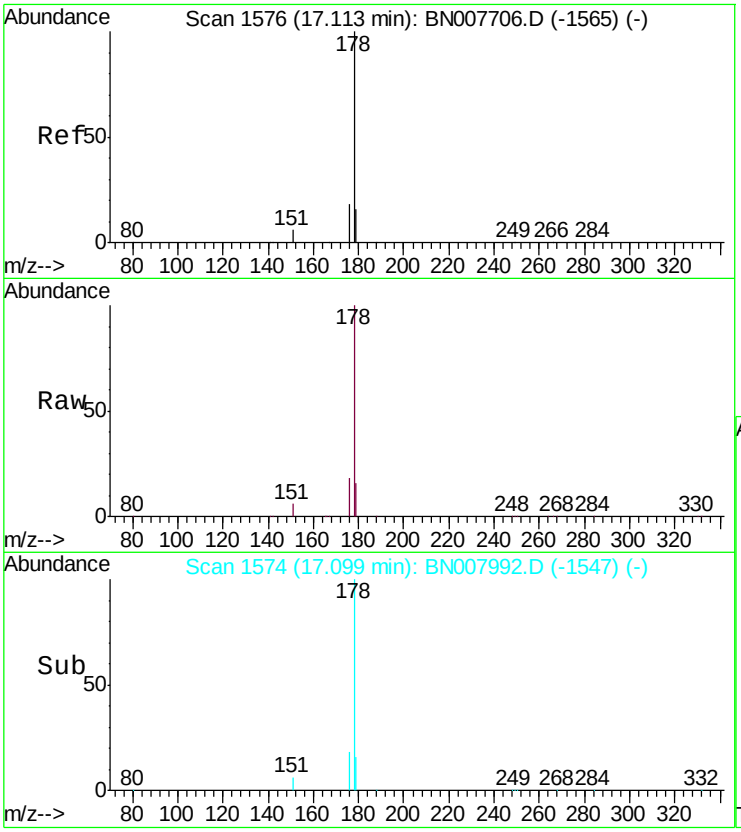


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:188 Resp: 27335

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.4	11.2



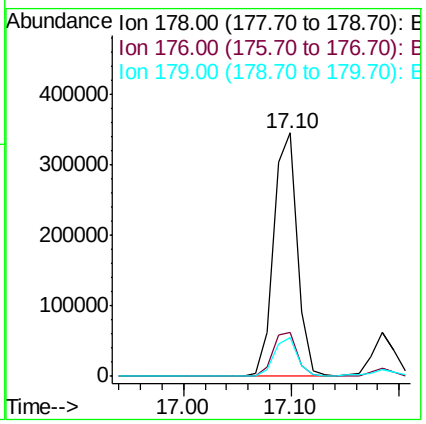


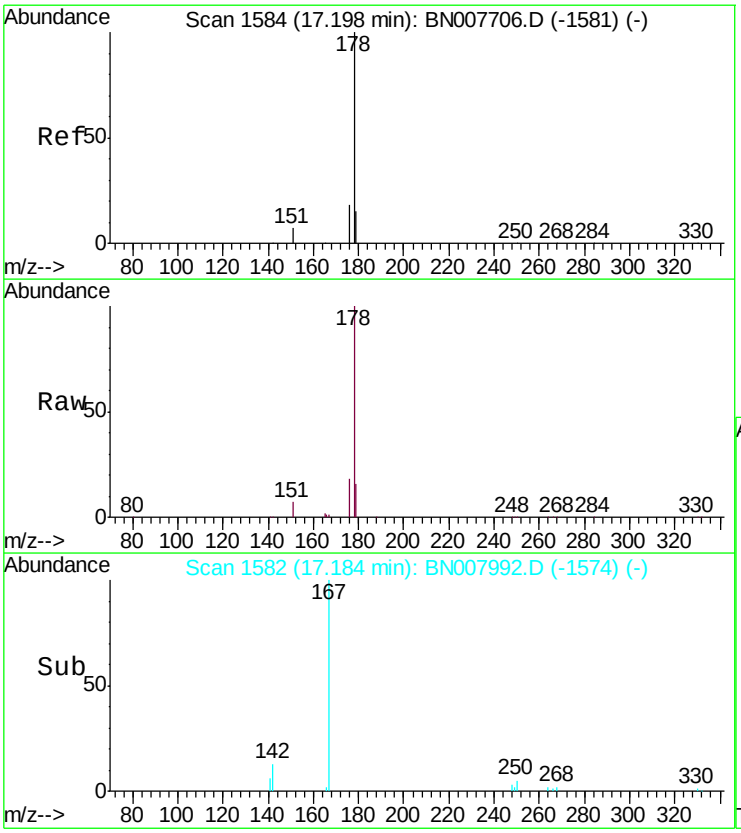
#23
Phenanthrene
Concen: 6.120 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:178 Resp: 521143

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.6	12.5	18.7

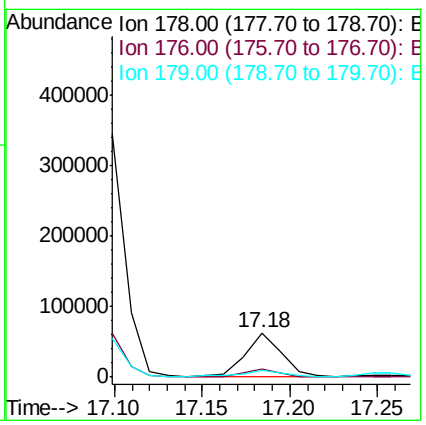


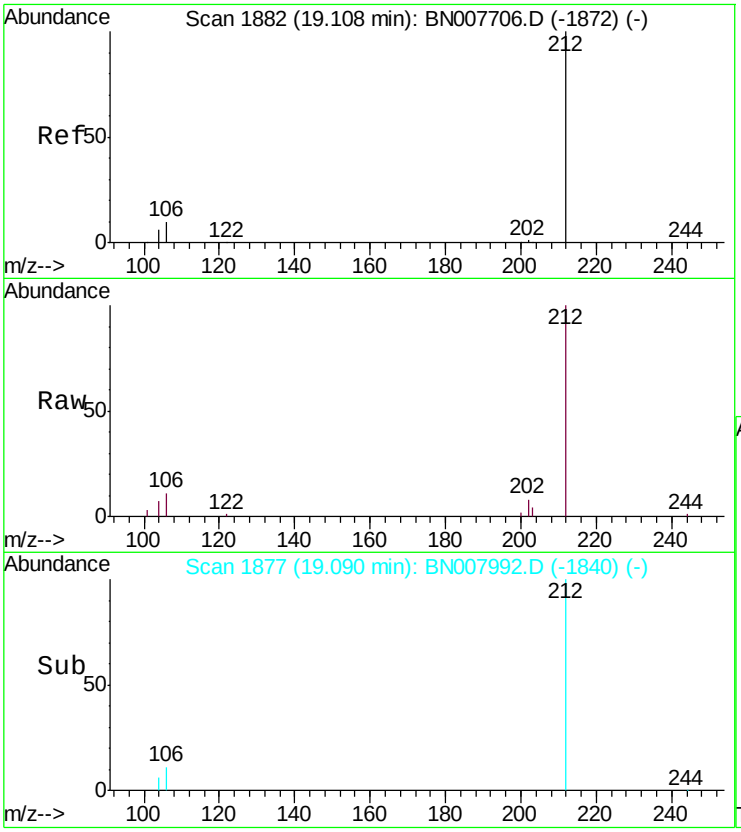


#24
Anthracene
Concen: 1.116 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:178 Resp: 85800

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	16.6	12.2	18.4



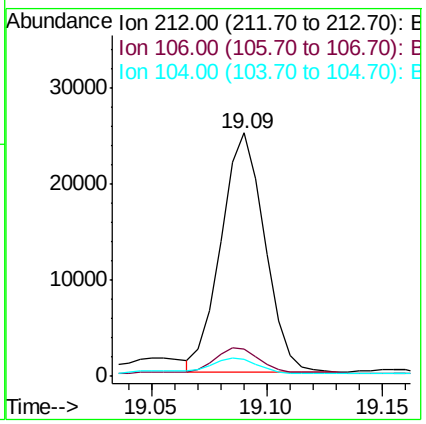


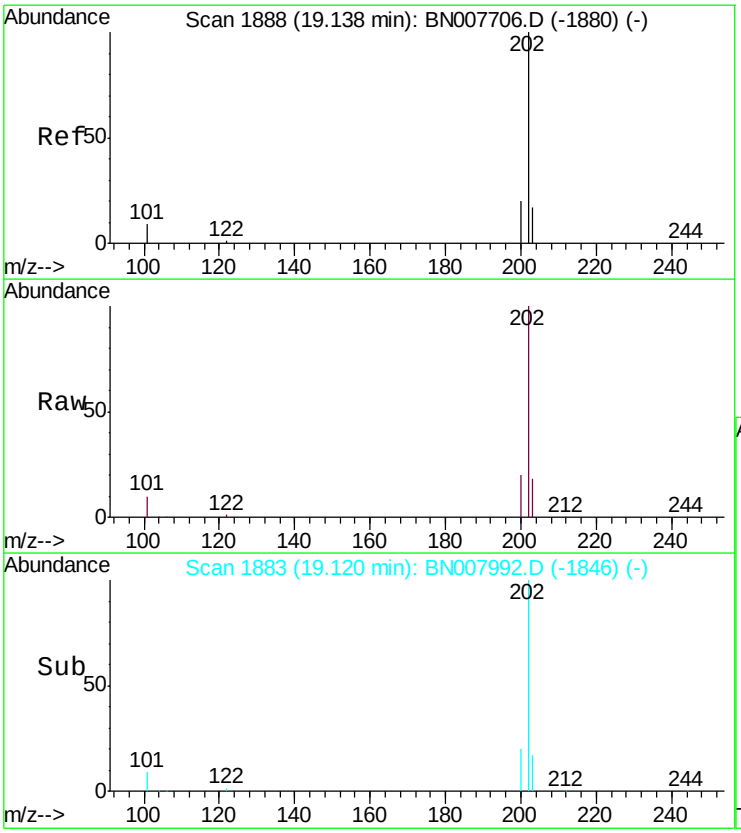
#25
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.09 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:212 Resp: 32361

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.4	14.0
104	6.7	5.3	7.9

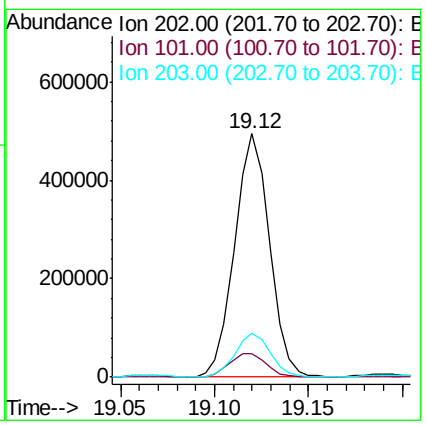


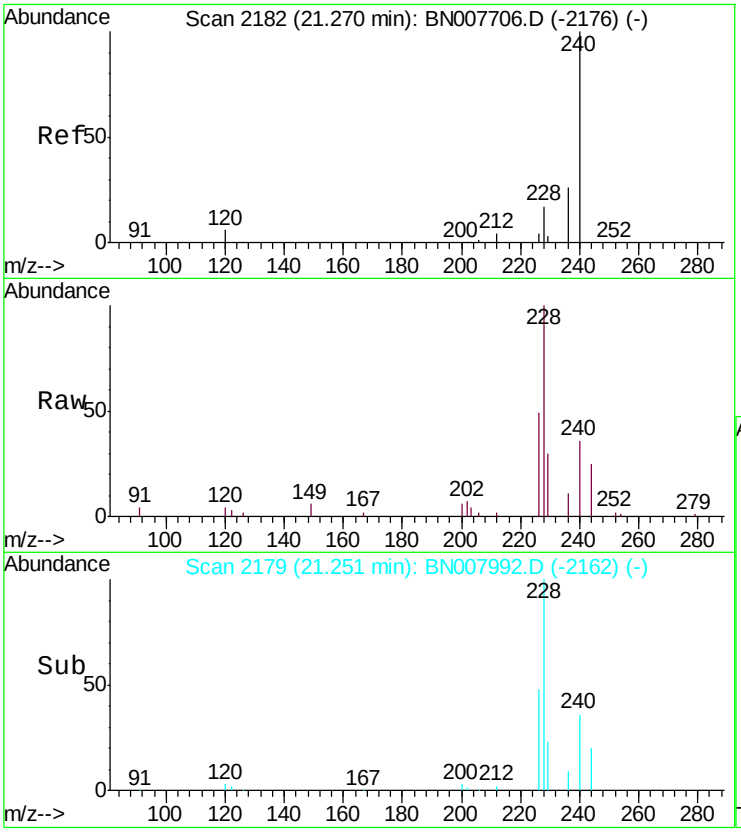


#26
Fluoranthene
Concen: 5.978 ng
RT: 19.12 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:202 Resp: 632989

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.9	13.8	20.8



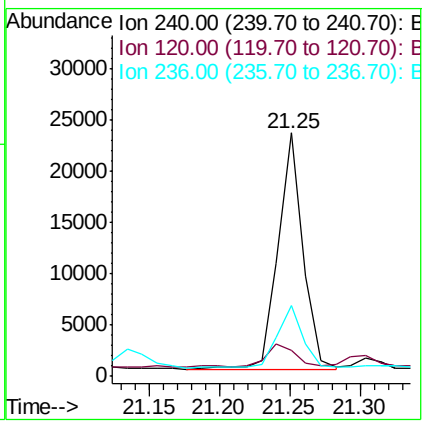


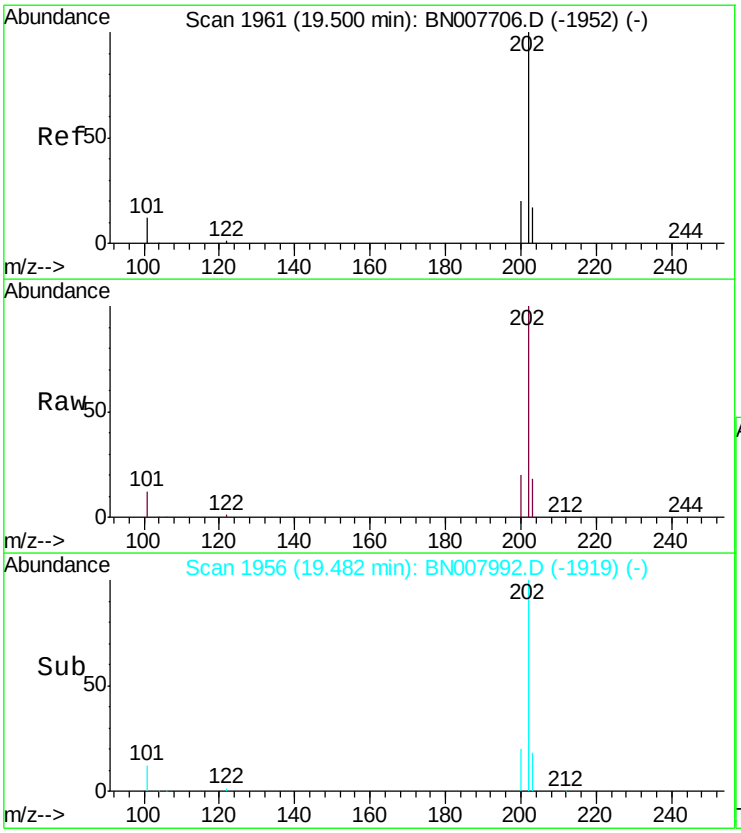
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:240 Resp: 29138

Ion	Ratio	Lower	Upper
240	100		
120	10.6	5.4	8.2#
236	29.3	21.0	31.4

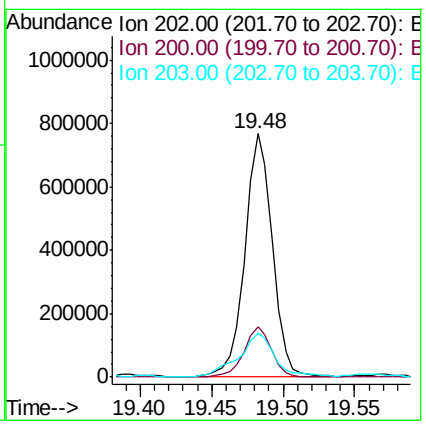


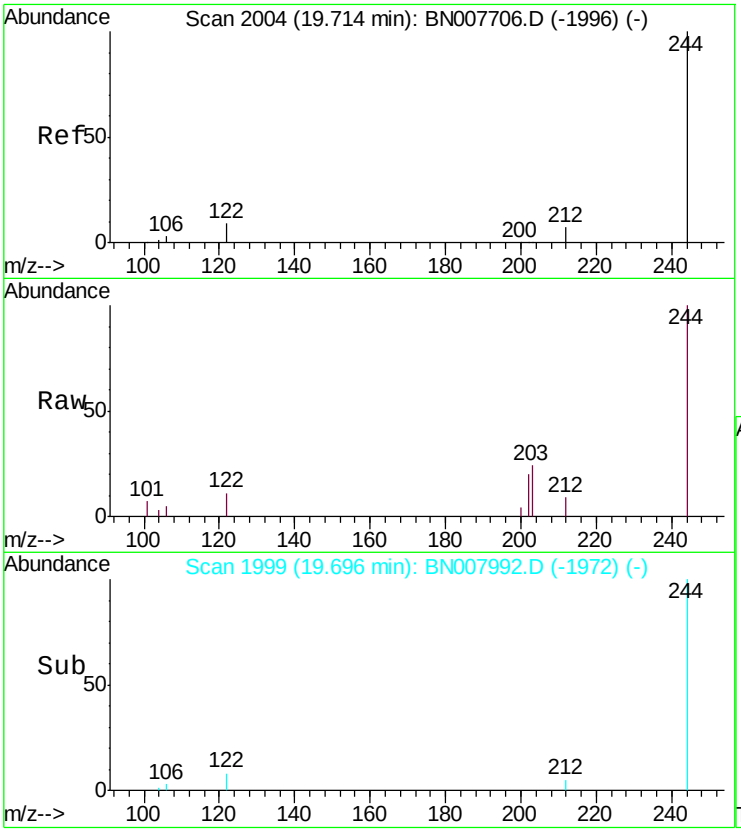


#28
Pyrene
Concen: 10.348 ng
RT: 19.48 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:202 Resp: 1028395

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	23.0	14.1	21.1#



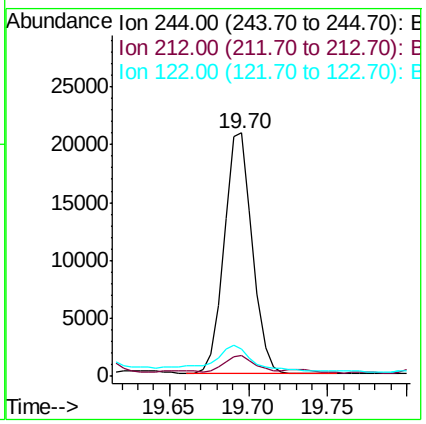


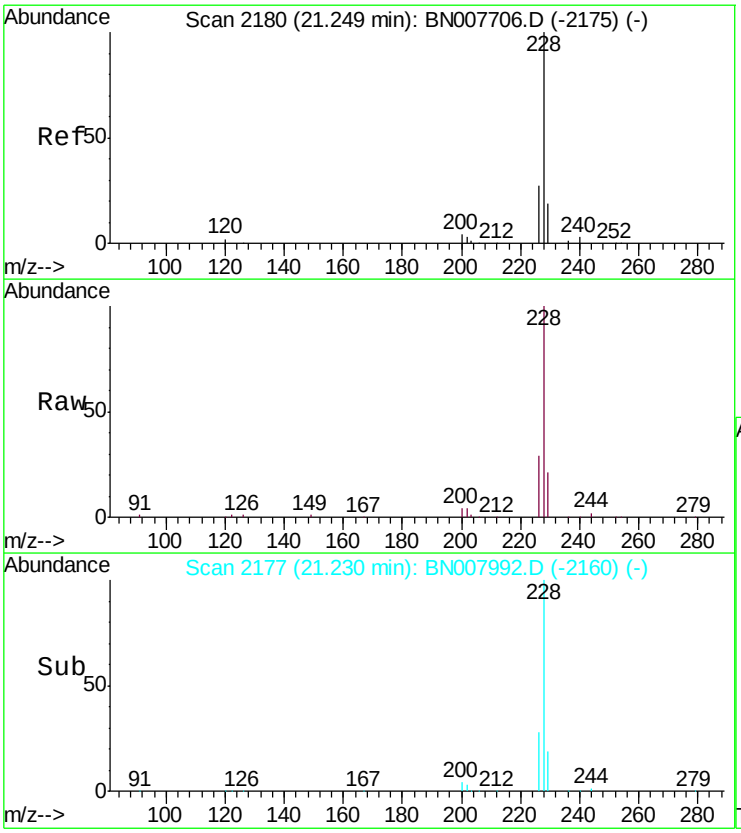
#29
Terphenyl-d14
Concen: 0.362 ng
RT: 19.70 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:244 Resp: 25901

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.9	8.9
122	11.0	7.4	11.2

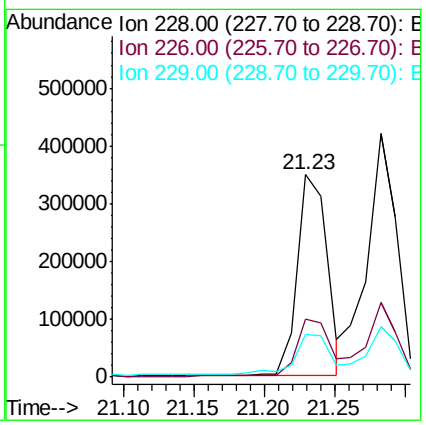


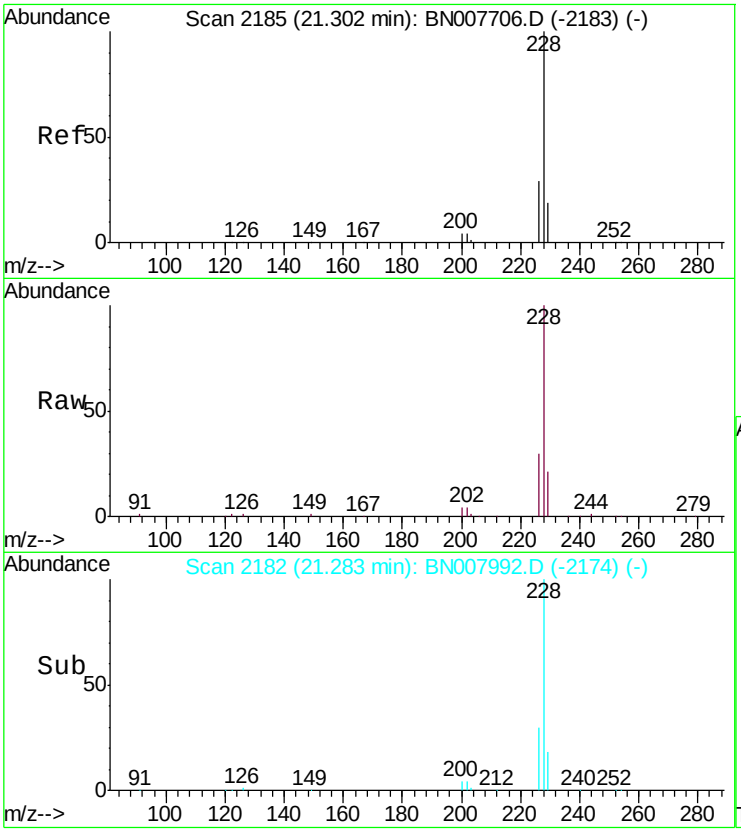


#30
Benzo(a)anthracene
Concen: 4.784 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:228 Resp: 513381

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.1	33.1
229	21.1	15.8	23.6



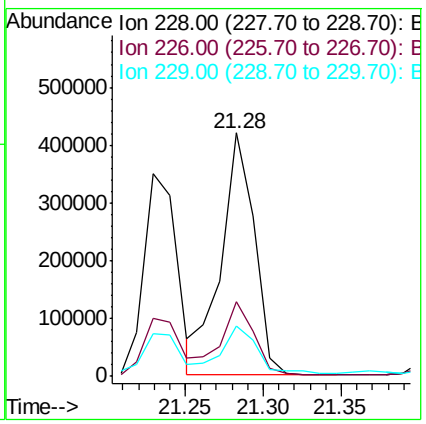


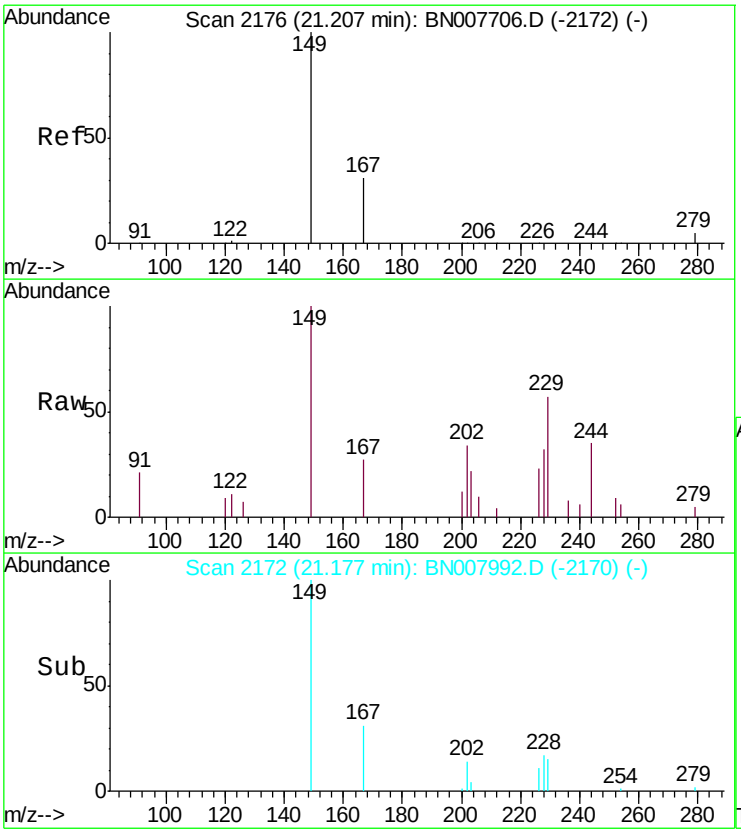
#31
Chrysene
Concen: 5.960 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:228 Resp: 623220

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.8	15.8	23.6

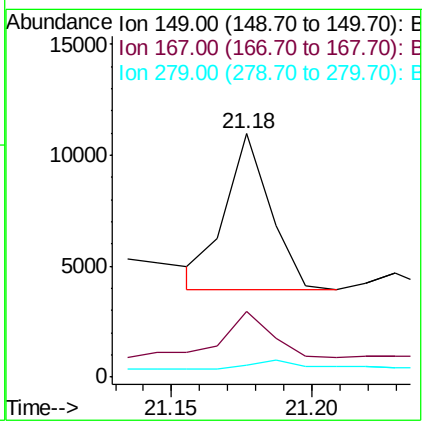


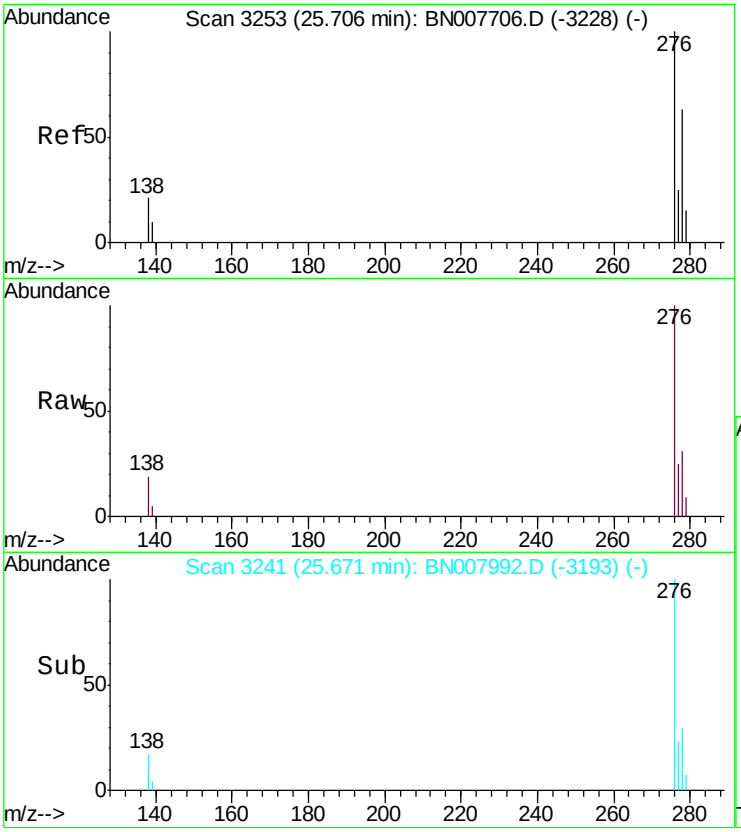


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:149 Resp: 7938

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.7	35.5
279	6.0	4.2	6.2



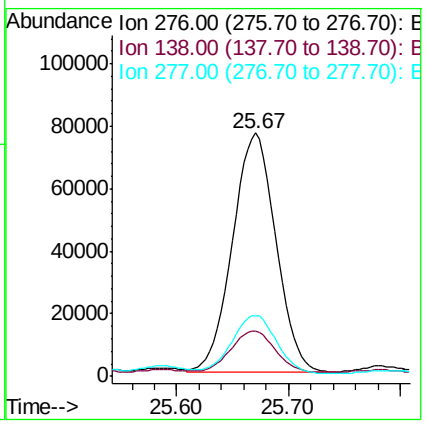


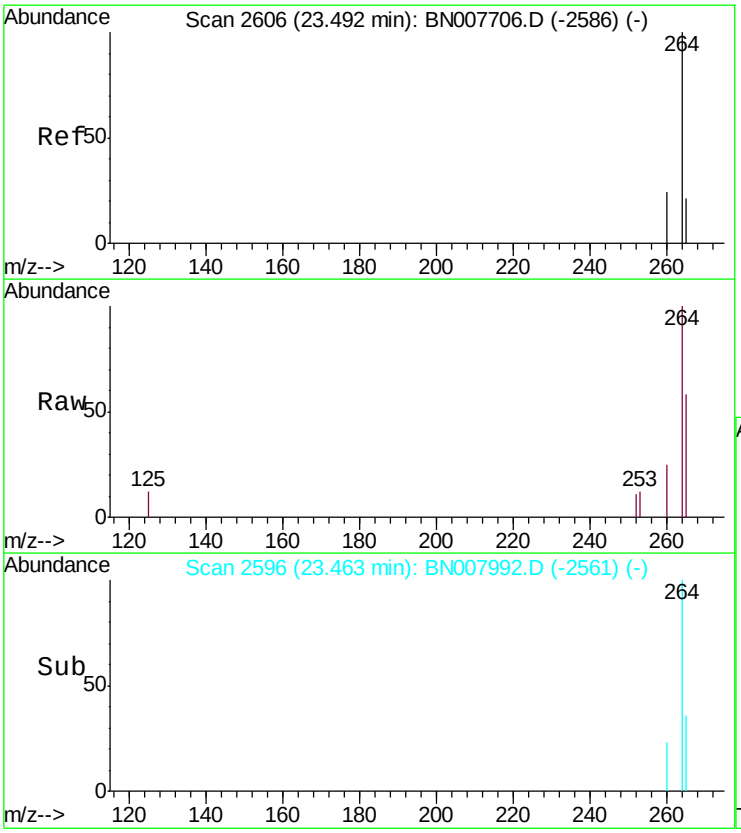
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.562 ng
RT: 25.67 min Scan# 3241
Delta R.T. -0.04 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:276 Resp: 204558

Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.1	25.7
277	25.0	20.0	30.0

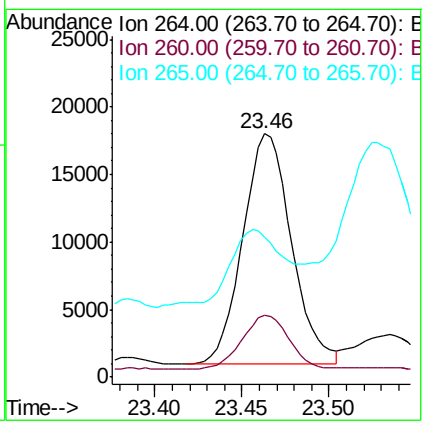


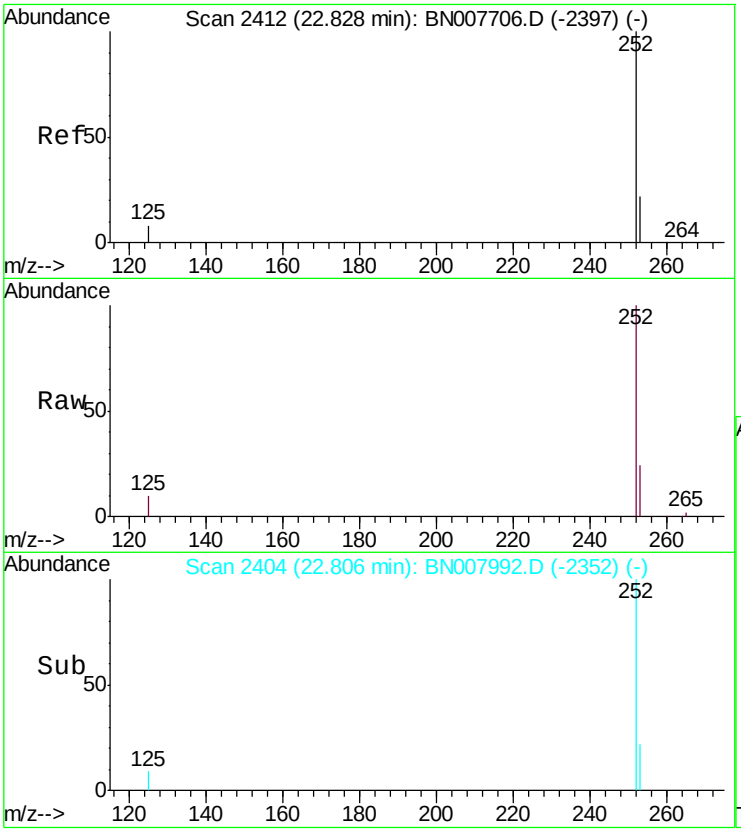


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:264 Resp: 33220

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	57.7	26.9	40.3#



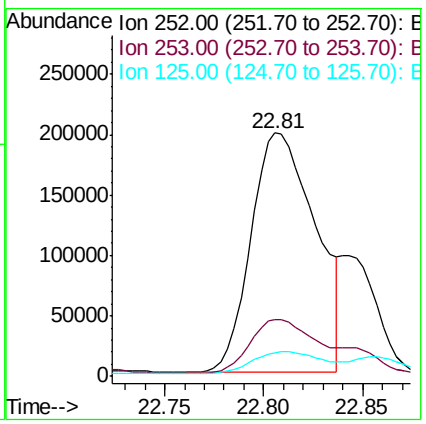


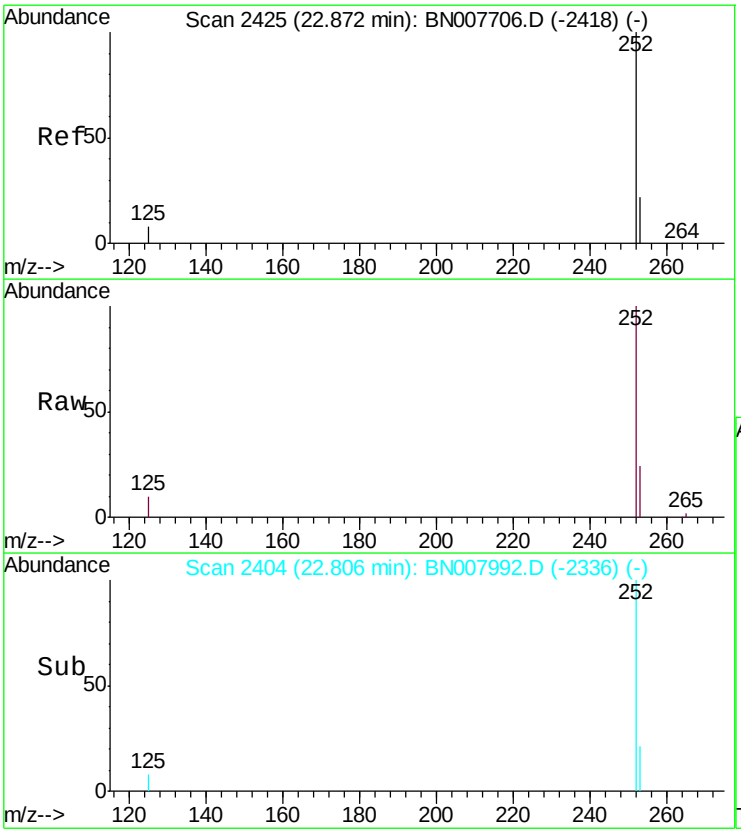
#35
Benzo(b)fluoranthene
Concen: 3.898 ng
RT: 22.81 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:252 Resp: 449545

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	9.7	8.2	12.4

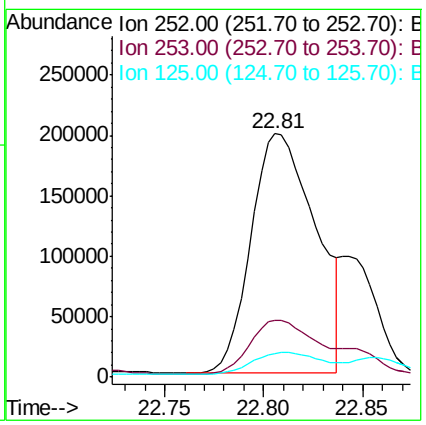


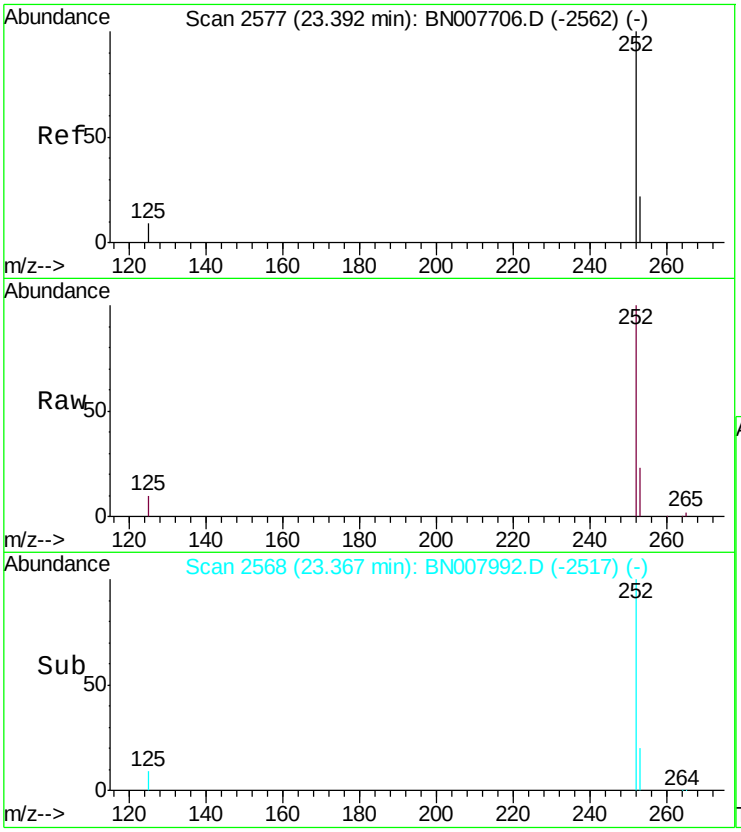


#36
Benzo(k)fluoranthene
Concen: 3.942 ng
RT: 22.81 min Scan# 2404
Delta R.T. -0.07 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:252 Resp: 449545

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	9.7	8.4	12.6



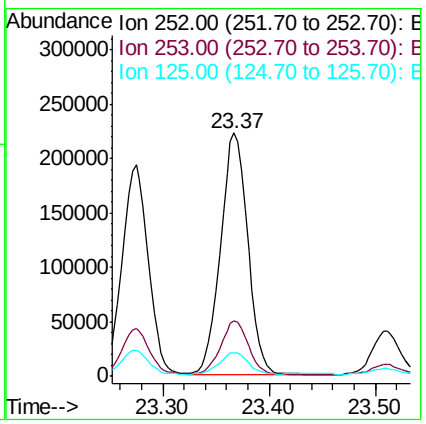


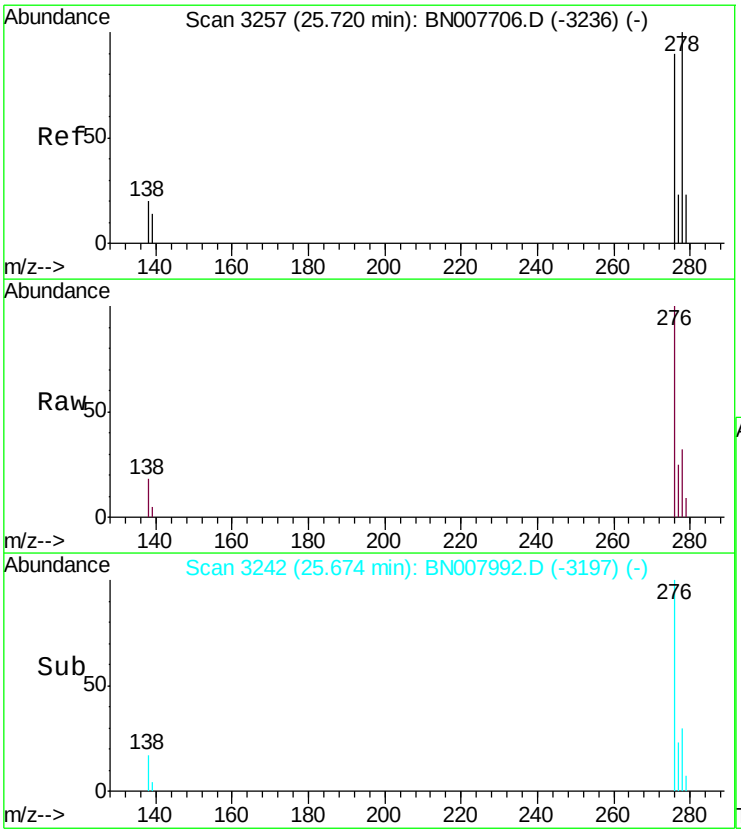
#37
Benzo(a)pyrene
Concen: 3.626 ng
RT: 23.37 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:252 Resp: 392933

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	9.8	9.4	14.0

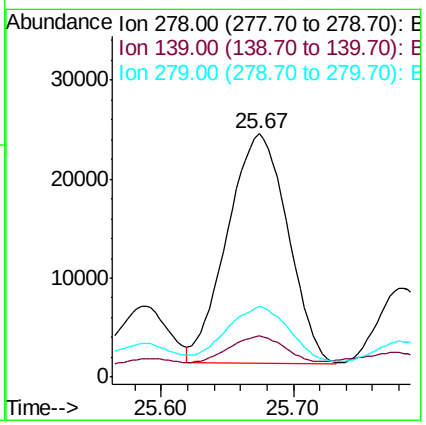


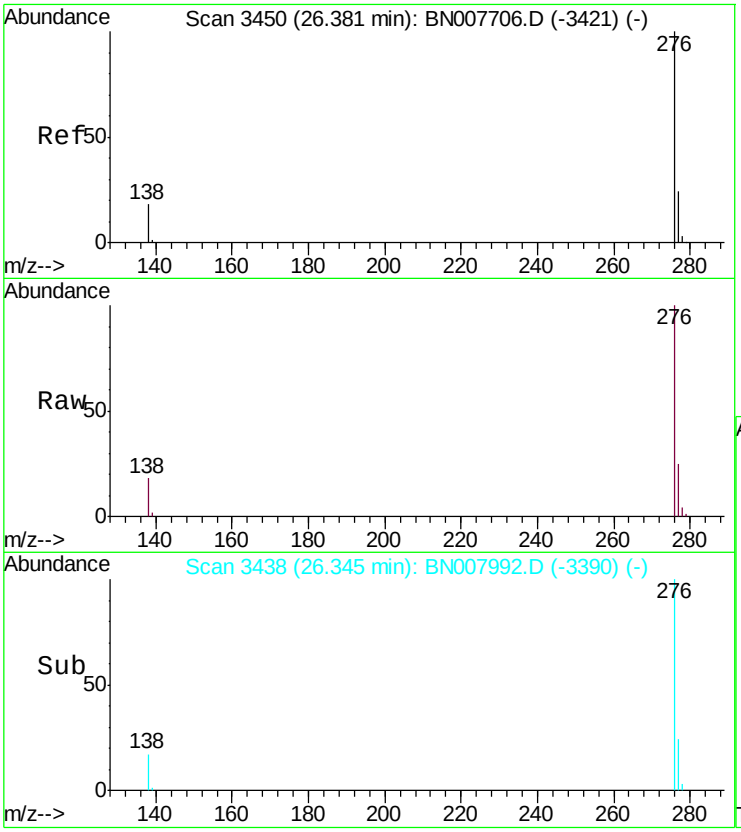


#38
Dibenzo(a,h)anthracene
Concen: 0.668 ng
RT: 25.67 min Scan# 3242
Delta R.T. -0.05 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Tgt Ion:278 Resp: 74032

Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.8	17.6
279	29.0	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 2.281 ng
RT: 26.34 min Scan# 3438
Delta R.T. -0.04 min
Lab File: BN007992.D
Acq: 03 Oct 2019 22:11

Instrument :
BNA_N
ClientSampleId :
PST-024-B265-092519

Tgt Ion:276 Resp: 250308

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	18.1	15.1	22.7