Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082519\
Data File : BN007391.D
Acq On : 25 Aug 2019 12:25
Operator : HP/JU
Sample : PB122506BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122506BS

Quant Time: Aug 26 05:20:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4	0.40	ng		0.00
7) Naphthalene-d8	10.18	136	5	0.40	ng		0.01
13) Acenaphthene-d10	14.09	164	1	0.40	ng		0.03
19) Phenanthrene-d10	16.84	188	9	0.40	ng		0.04
27) Chrysene-d12	21.05	240	13	0.40	ng		0.03
34) Perylene-d12	23.16	264	2	0.40	ng		0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.00	112	8	0.59	ng		-0.03
5) Phenol-d6	6.60	99	17	1.01	ng		0.00
8) Nitrobenzene-d5	8.53	82	22	5.06	ng		0.00
11) 2-Methylnaphthalene-d10	11.78	152	11	1.32	ng		0.02
14) 2,4,6-Tribromophenol	15.56	330	7	13.38	ng		0.00
15) 2-Fluorobiphenyl	12.72	172	7	1.74	ng		0.06
25) Fluoranthene-d10	18.89	212	2	0.07	ng		0.04
29) Terphenyl-d14	19.50	244	2	0.06	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	30	4.514	ng	#	19
3) n-Nitrosodimethylamine	3.30	42	39	12.630	ng	#	1
6) bis(2-Chloroethyl)ether	6.86	93	34	2.353	ng	#	5
9) Naphthalene	10.20	128	23	1.610	ng	#	1
10) Hexachlorobutadiene	10.52	225	5	1.708	ng	#	1
12) 2-Methylnaphthalene	11.85	142	10	1.028	ng	#	14
16) Acenaphthylene	13.80	152	15	2.535	ng	#	61
17) Acenaphthene	14.19	154	9	2.600	ng	#	1
18) Fluorene	15.15	166	11	2.512	ng	#	14
20) 4-Bromophenyl-phenylether	16.03	248	123	34.656	ng	#	41
21) Hexachlorobenzene	16.16	284	8	1.326	ng	#	1
22) Pentachlorophenol	16.51	266	4	2.134	ng	#	79
23) Phenanthrene	16.86	178	21	0.776	ng	#	60
24) Anthracene	16.98	178	4	0.147	ng	#	61
26) Fluoranthene	18.92	202	3	0.086	ng	#	1
28) Pyrene	19.27	202	5	0.096	ng	#	1
30) Benzo(a)anthracene	21.05	228	8	0.157	ng	#	1
31) Chrysene	21.05	228	8	0.162	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.02	149	17	0.496	ng	#	52
33) Indeno(1,2,3-cd)pyrene	25.35	276	33	0.556	ng		95
35) Benzo(b)fluoranthene	22.54	252	7	0.966	ng	#	1
36) Benzo(k)fluoranthene	22.58	252	11	1.536	ng	#	1
37) Benzo(a)pyrene	23.06	252	3	0.435	ng	#	1
38) Dibenzo(a,h)anthracene	25.24	278	10	1.453	ng	#	1
39) Benzo(g,h,i)perylene	25.84	276	4	0.583	ng	#	1

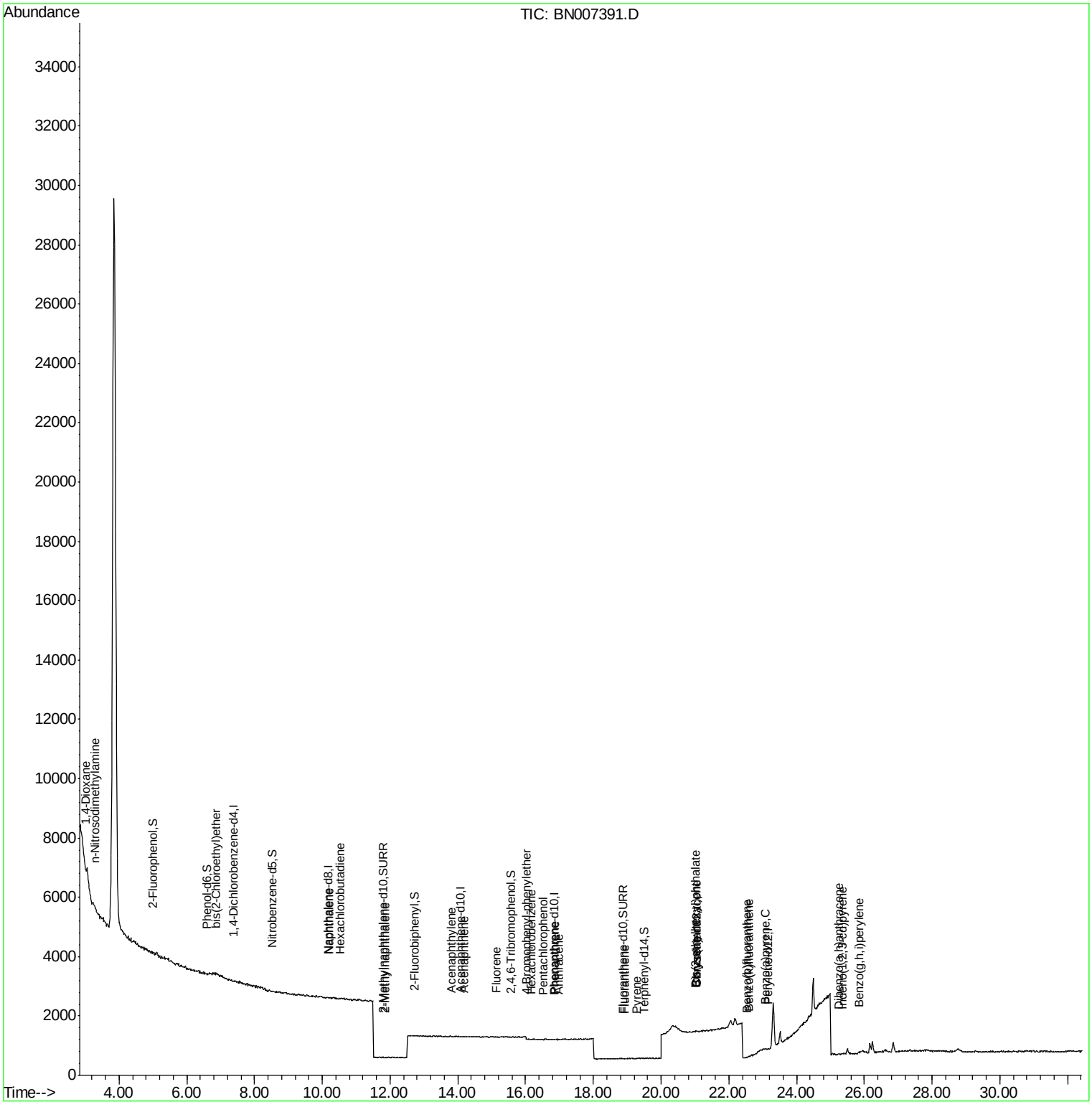
(#) = qualifier out of range (m) = manual integration (+) = signals summed

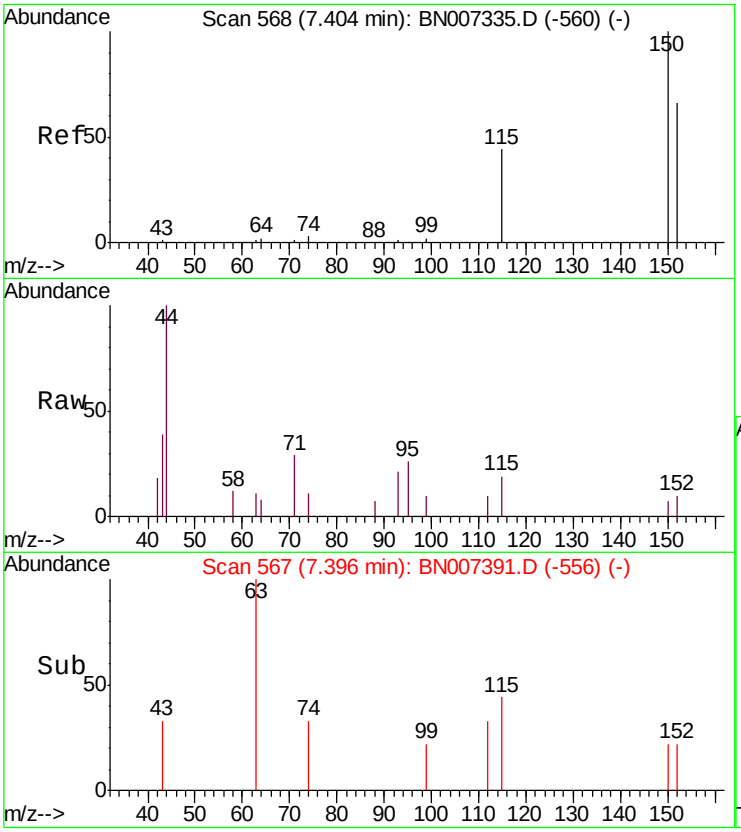
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082519\
Data File : BN007391.D
Acq On : 25 Aug 2019 12:25
Operator : HP/JU
Sample : PB122506BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Quant Time: Aug 26 05:20:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



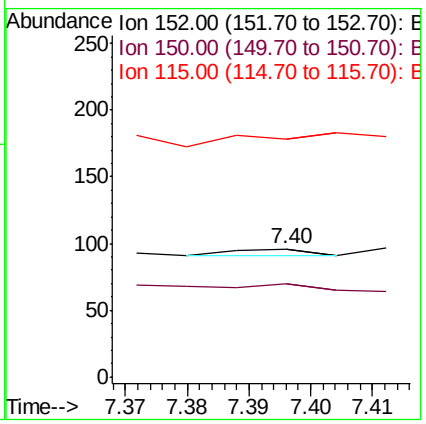


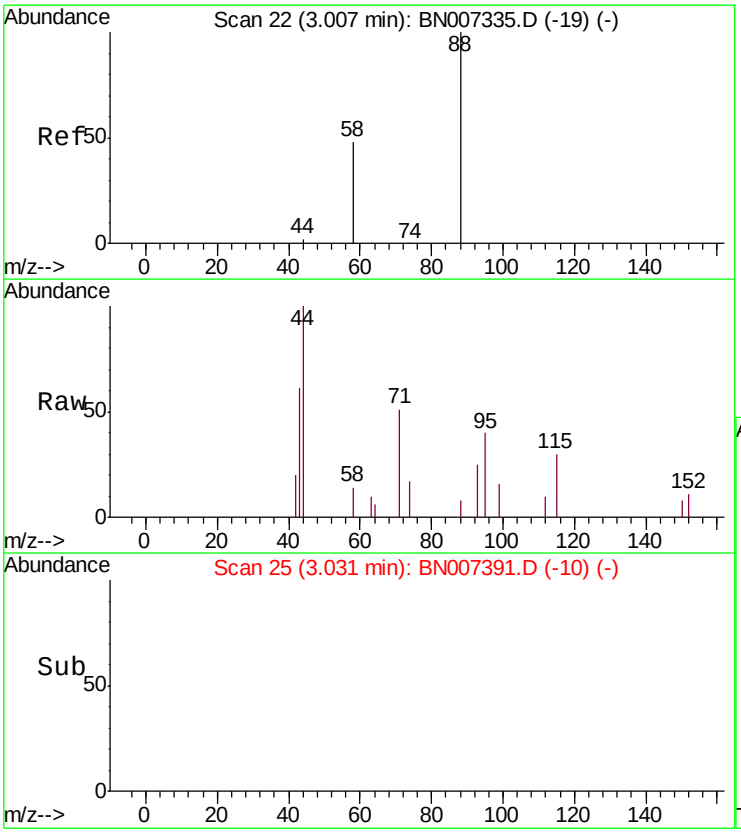
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:152 Resp: 4

Ion	Ratio	Lower	Upper
152	100		
150	72.9	109.1	163.7#
115	185.4	59.6	89.4#

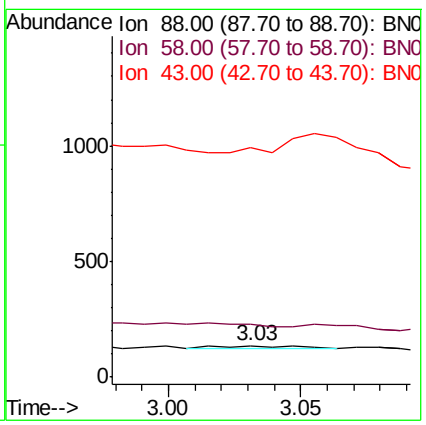


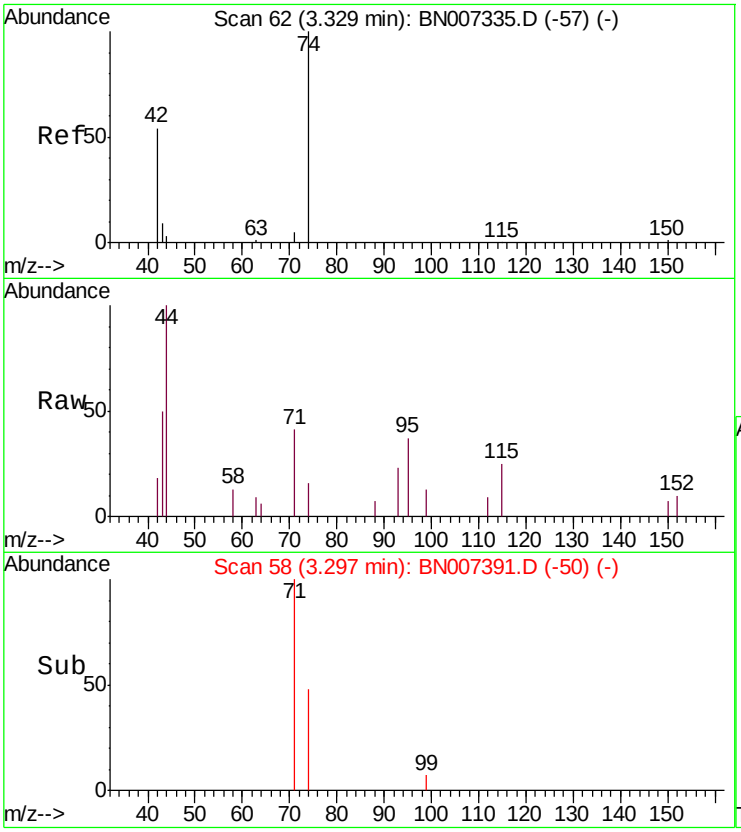


#2
1,4-Dioxane
Concen: 4.514 ng
RT: 3.03 min Scan# 25
Delta R.T. 0.02 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
58	0.0	50.5	75.7#
43	0.0	0.0	0.0



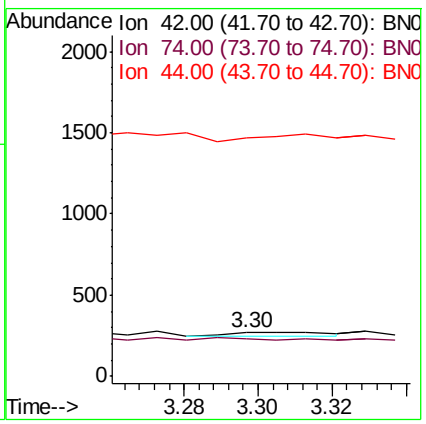


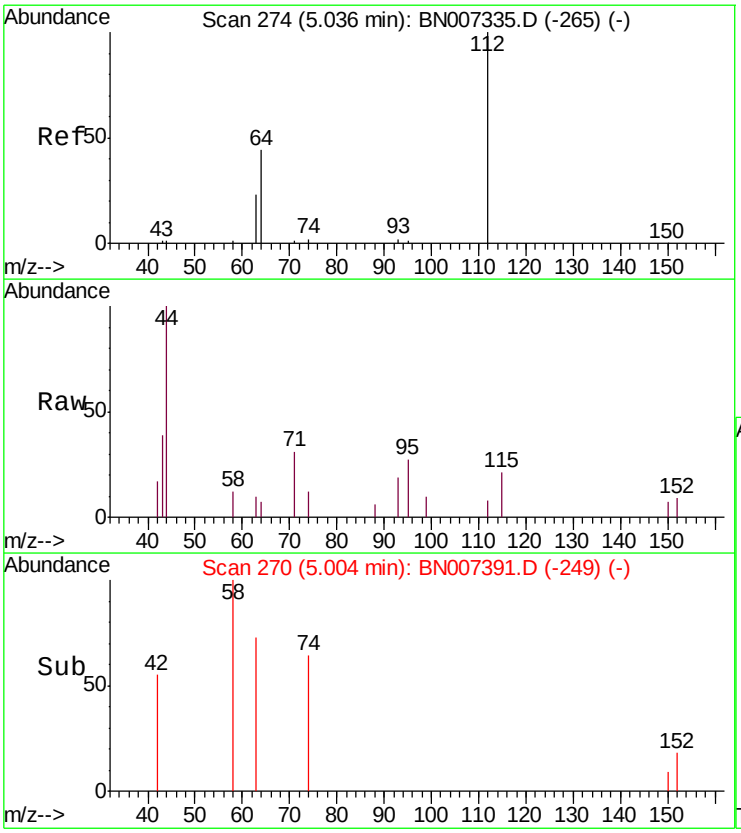
#3
n-Nitrosodimethylamine
Concen: 12.630 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion: 42 Resp: 39

Ion	Ratio	Lower	Upper
42	100		
74	0.0	144.7	217.1#
44	174.4	3.2	4.8#

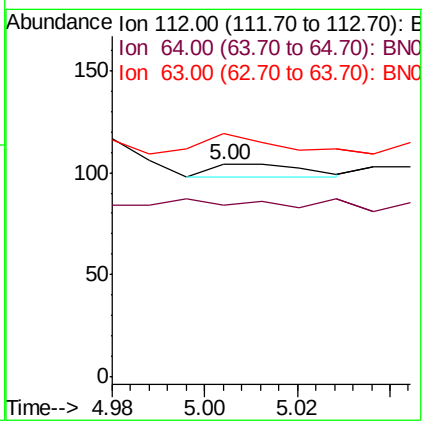


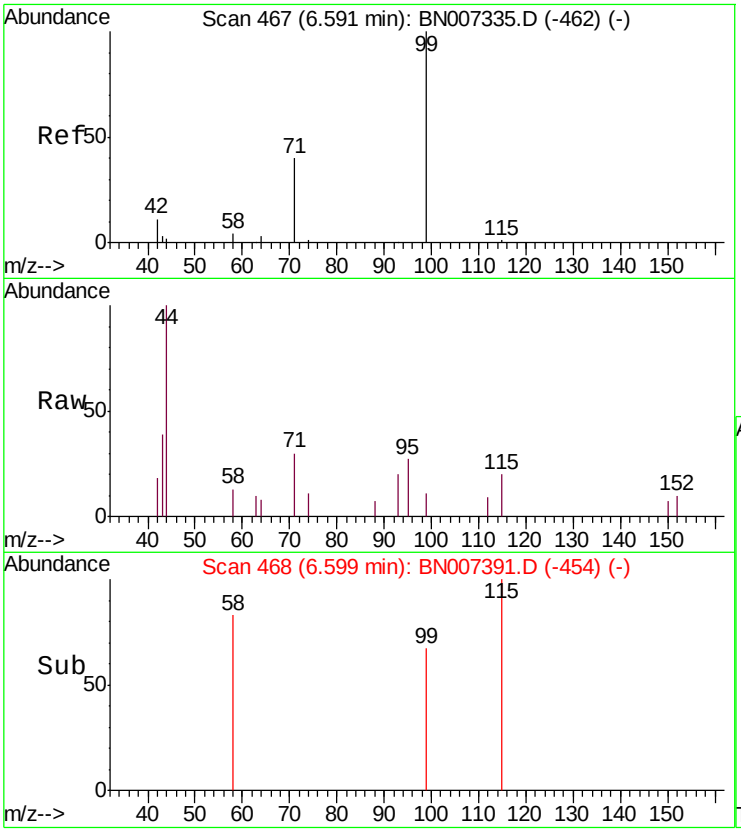


#4
2-Fluorophenol
Concen: 0.589 ng
RT: 5.00 min Scan# 270
Delta R.T. -0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:112 Resp: 8

Ion	Ratio	Lower	Upper
112	100		
64	0.0	42.3	63.5#
63	525.0	23.6	35.4#



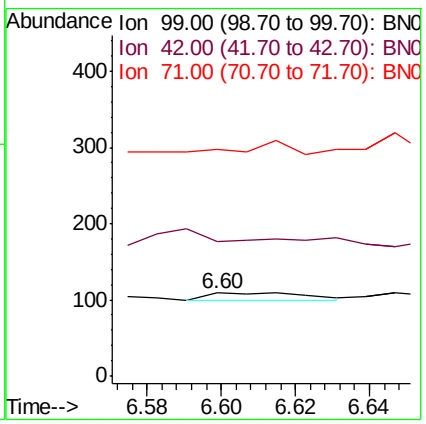


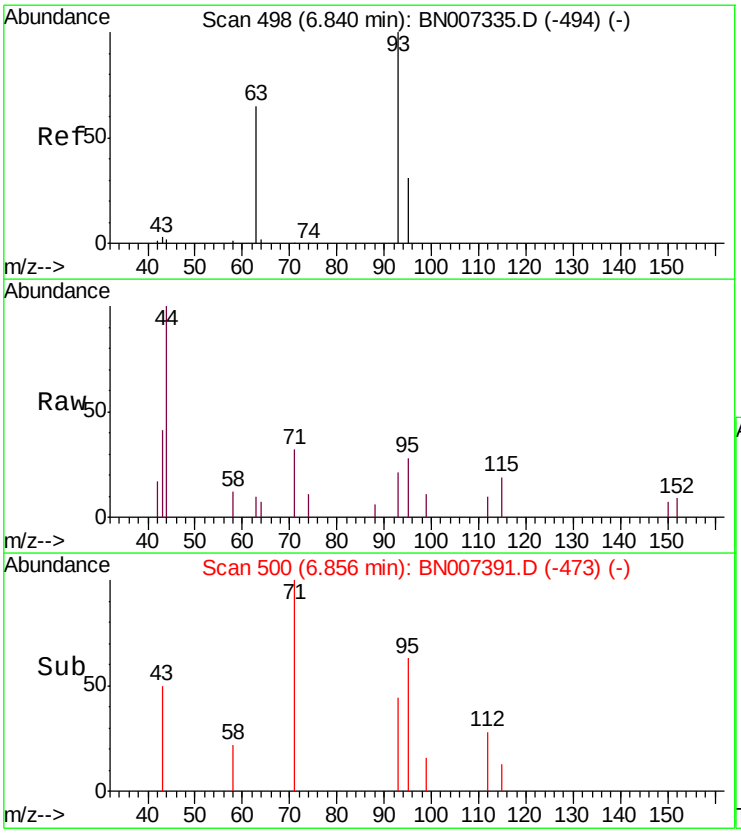
#5
Phenol-d6
Concen: 1.009 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion: 99 Resp: 17

Ion	Ratio	Lower	Upper
99	100		
42	229.4	11.2	16.8#
71	0.0	31.8	47.8#

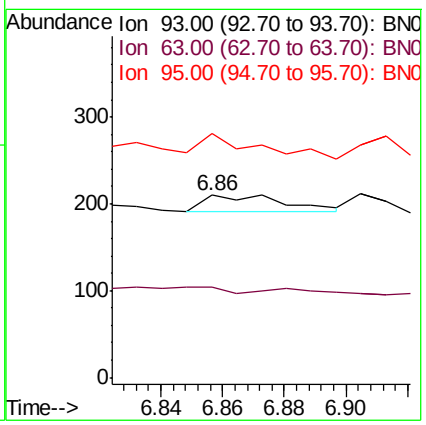


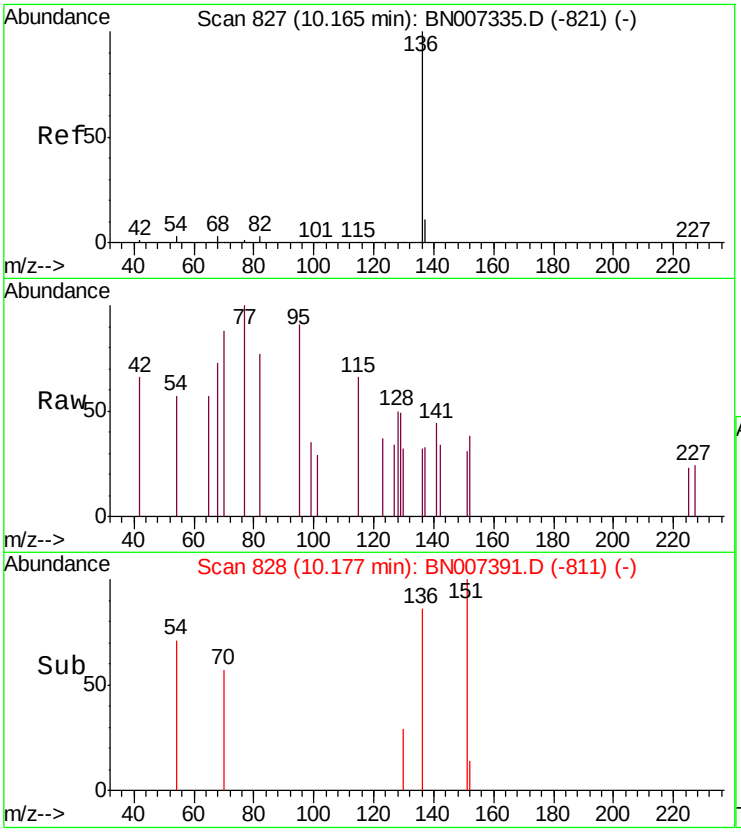


#6
bis(2-Chloroethyl)ether
Concen: 2.353 ng
RT: 6.86 min Scan# 500
Delta R.T. 0.02 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion: 93 Resp: 34

Ion	Ratio	Lower	Upper
93	100		
63	0.0	51.9	77.9#
95	102.9	27.7	41.5#



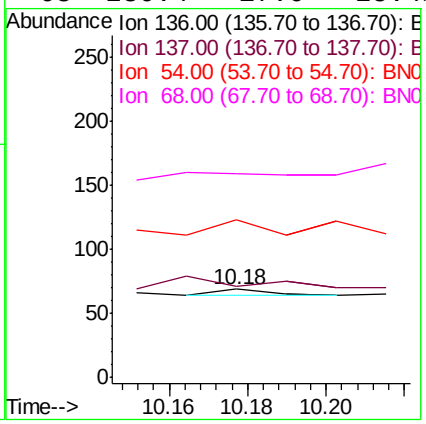


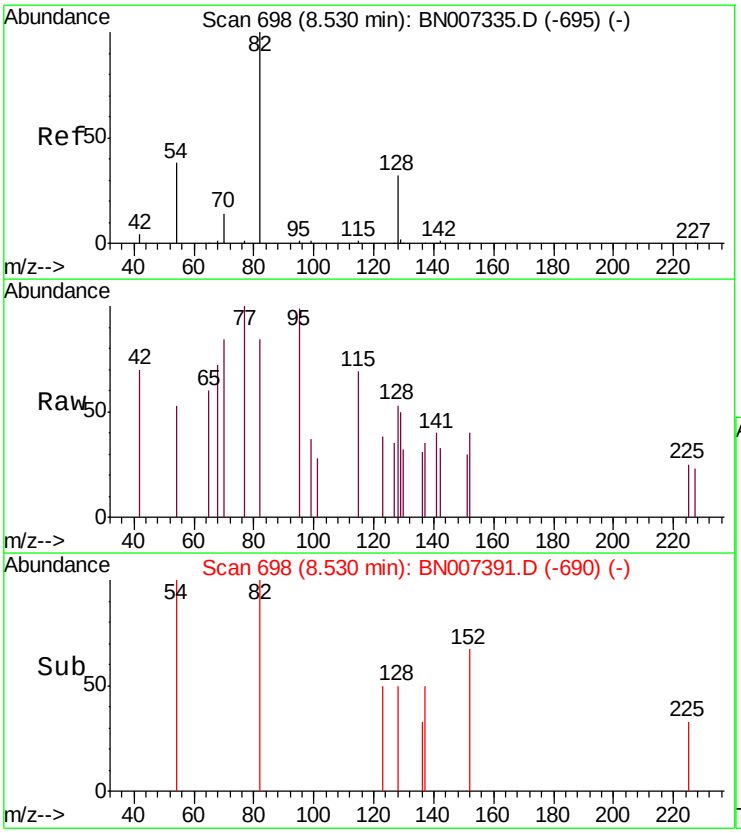
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.18 min Scan# 828
Delta R.T. 0.01 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:136 Resp: 5

Ion	Ratio	Lower	Upper
136	100		
137	102.9	12.9	19.3#
54	178.3	8.6	12.8#
68	230.4	17.0	25.4#

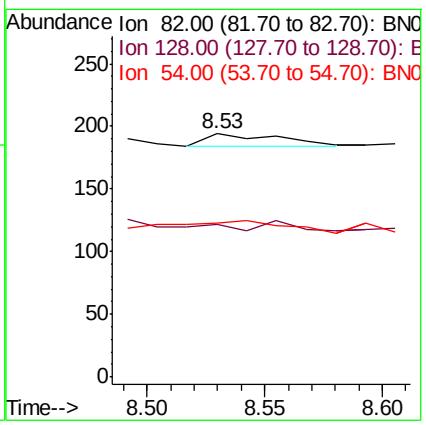


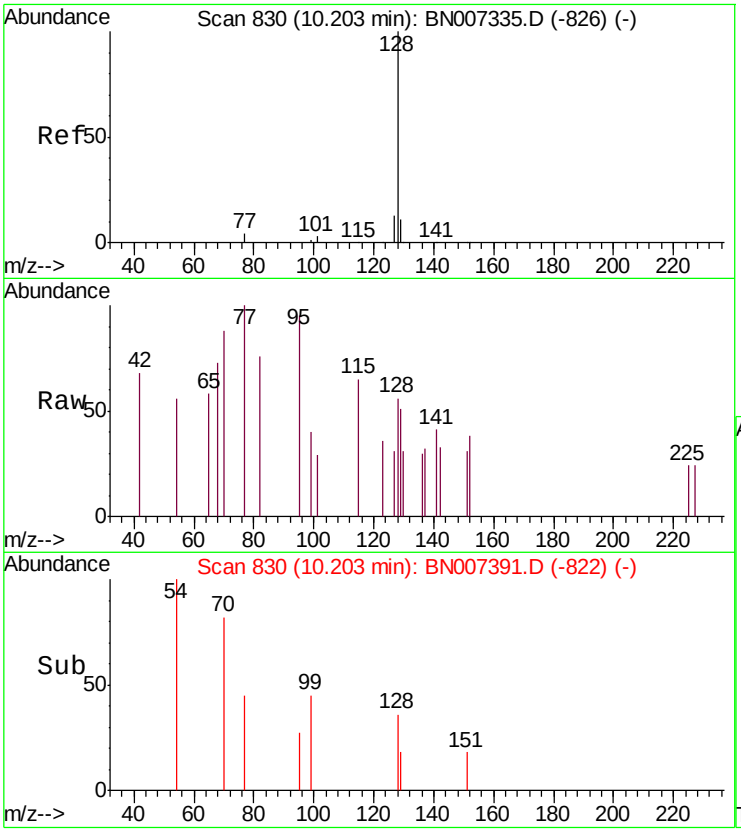


#8
Nitrobenzene-d5
Concen: 5.056 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion: 82 Resp: 22

Ion	Ratio	Lower	Upper
82	100		
128	62.9	19.7	29.5#
54	63.4	25.8	38.6#



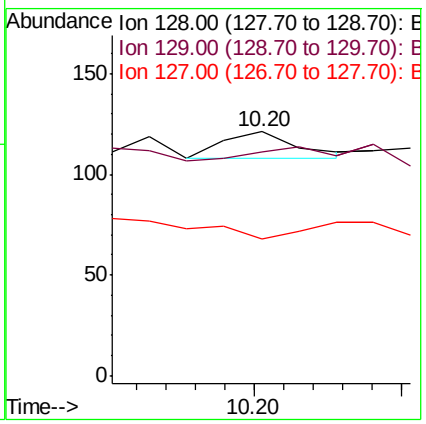


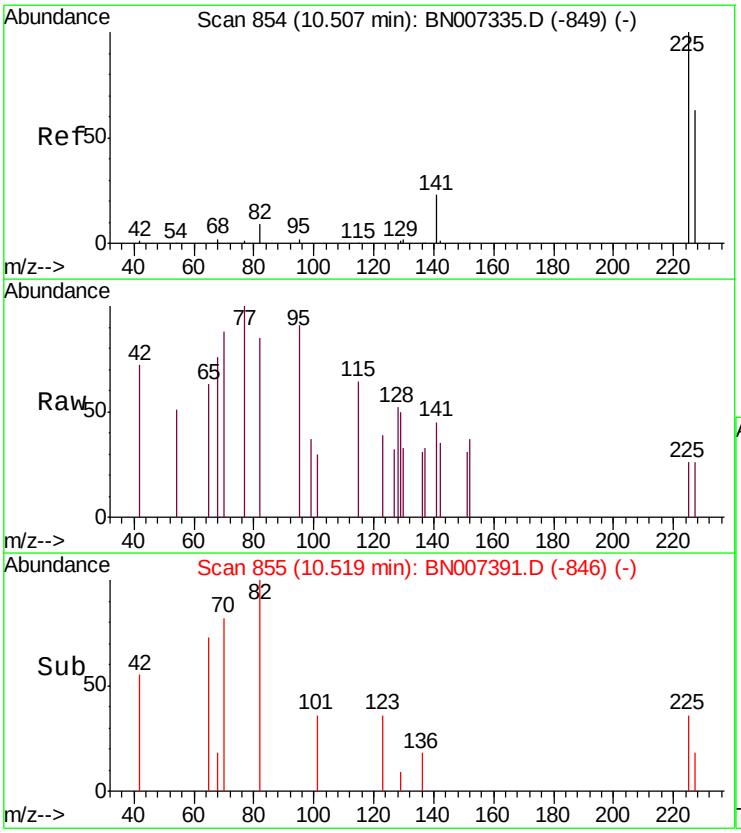
#9
Naphthalene
Concen: 1.610 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:128 Resp: 23

Ion	Ratio	Lower	Upper
128	100		
129	91.7	11.1	16.7#
127	56.2	15.5	23.3#

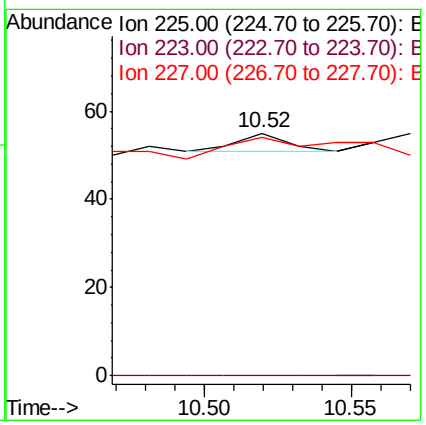


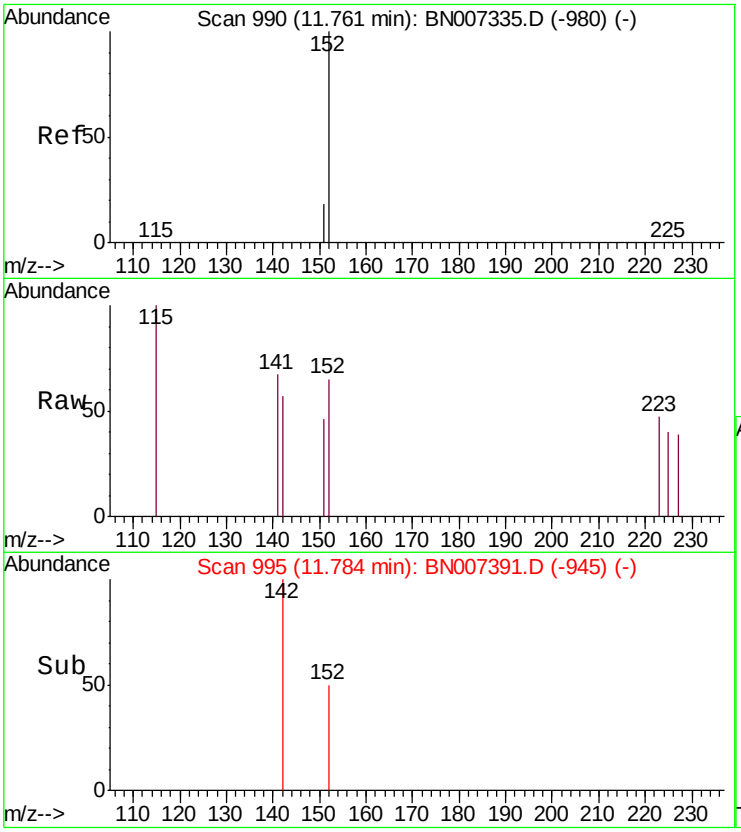


#10
Hexachlorobutadiene
Concen: 1.708 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.01 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	300.0	50.7	76.1#



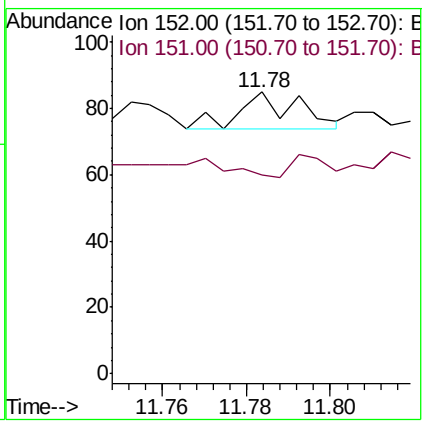


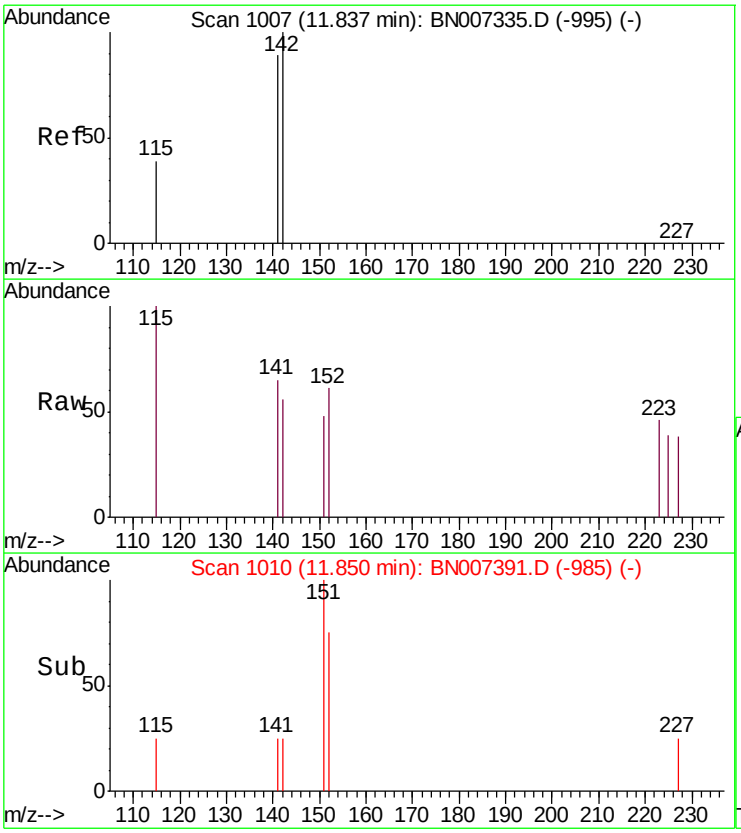
#11
2-Methylnaphthalene-d10
Concen: 1.324 ng
RT: 11.78 min Scan# 995
Delta R.T. 0.02 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:152 Resp: 11

Ion	Ratio	Lower	Upper
152	100		
151	27.3	16.2	24.2#

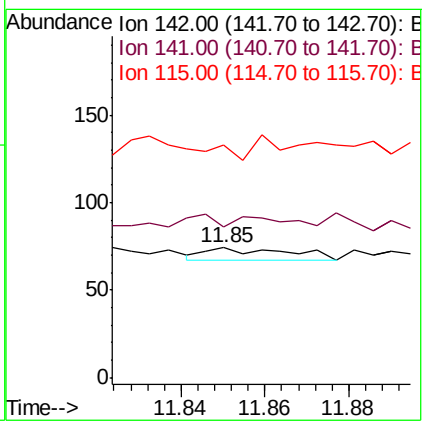


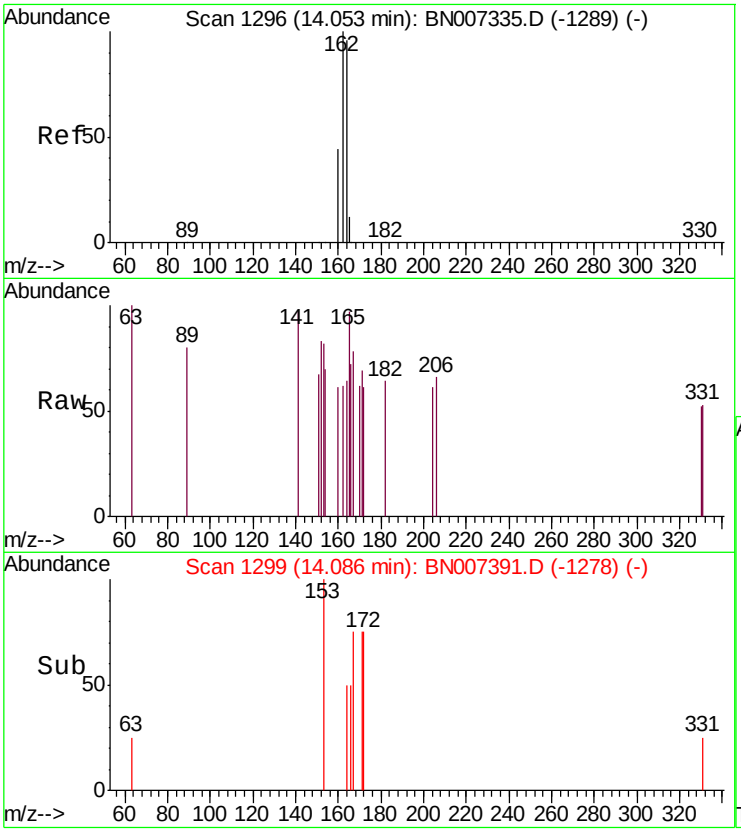


#12
2-Methylnaphthalene
Concen: 1.028 ng
RT: 11.85 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:142 Resp: 10

Ion	Ratio	Lower	Upper
142	100		
141	116.2	72.8	109.2#
115	179.7	35.2	52.8#



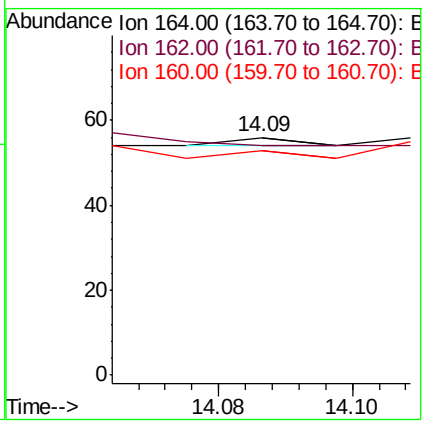


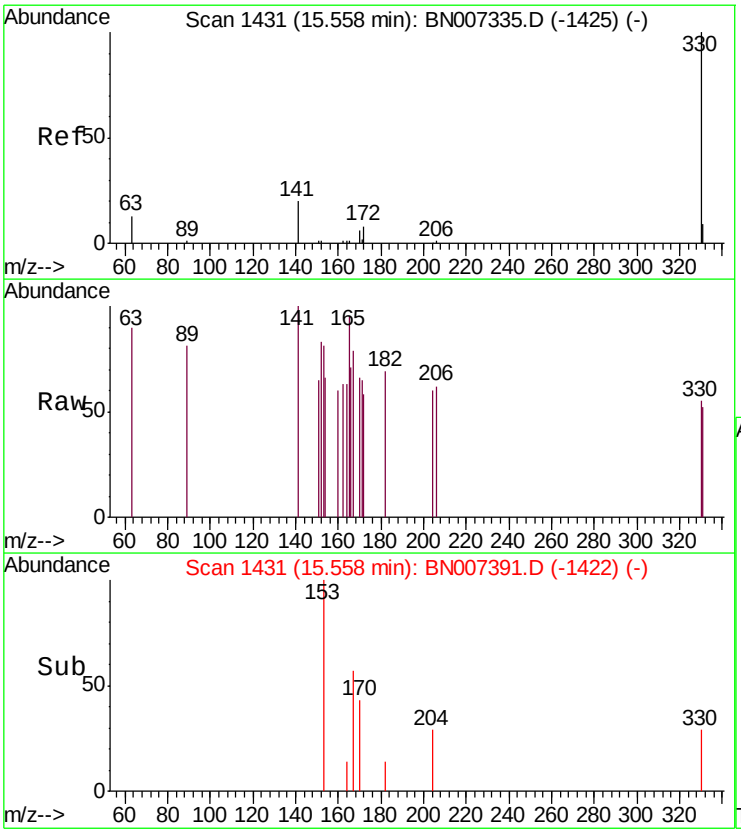
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.09 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:164 Resp: 1

Ion	Ratio	Lower	Upper
164	100		
162	96.4	83.5	125.3
160	94.6	38.2	57.4#

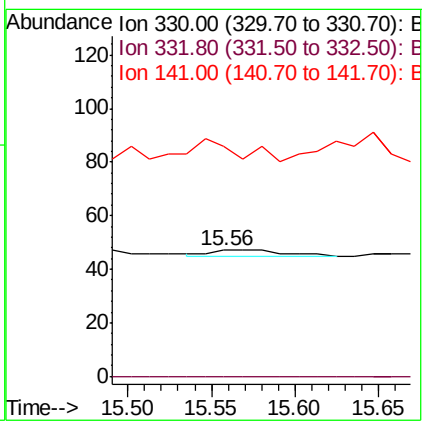


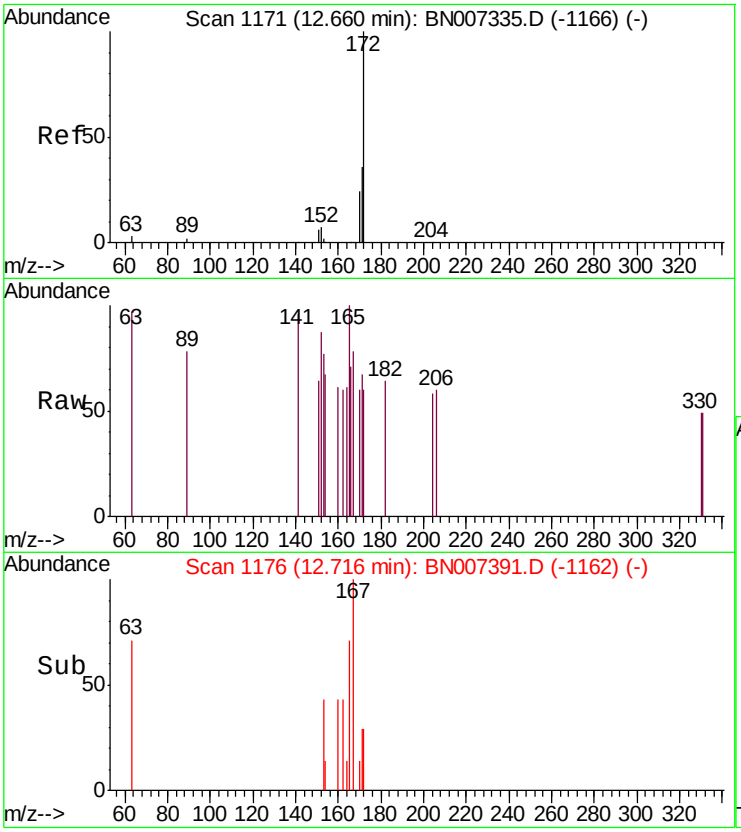


#14
2,4,6-Tribromophenol
Concen: 13.381 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:330 Resp: 7

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	271.4	26.9	40.3#



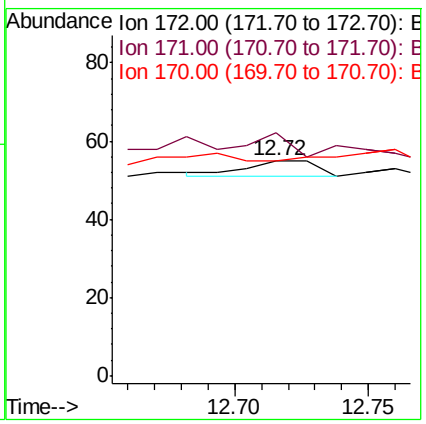


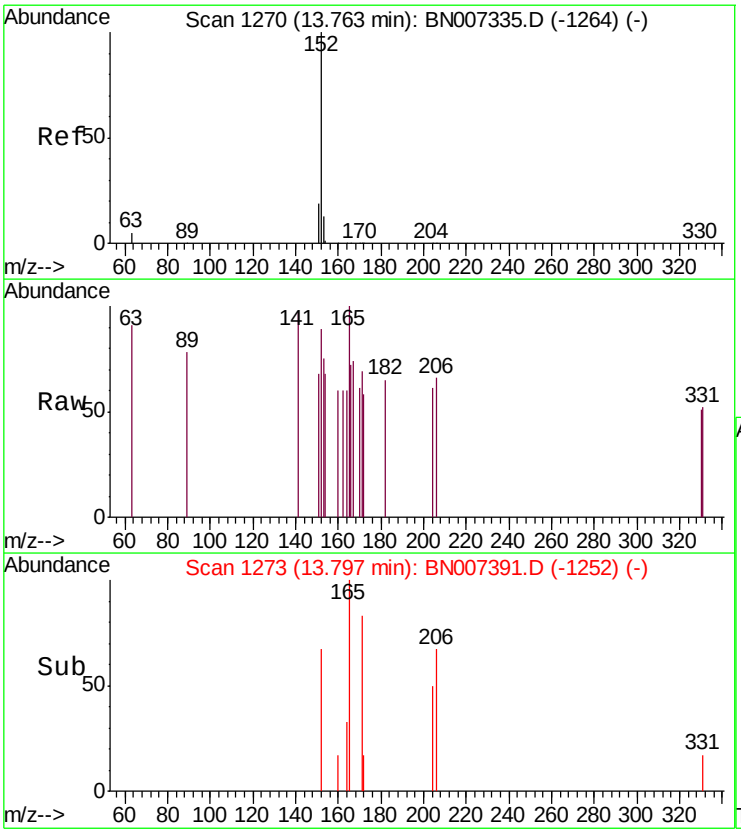
#15
2-Fluorobiphenyl
Concen: 1.736 ng
RT: 12.72 min Scan# 1176
Delta R.T. 0.06 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:172 Resp: 7

Ion	Ratio	Lower	Upper
172	100		
171	112.7	30.3	45.5#
170	100.0	20.7	31.1#

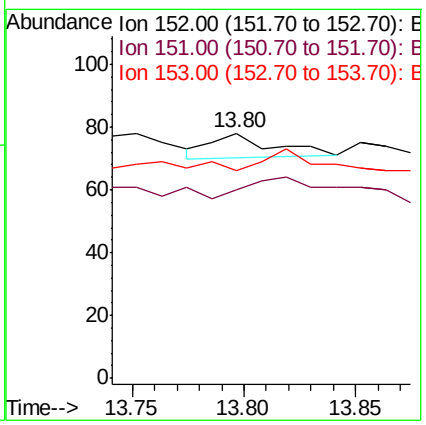


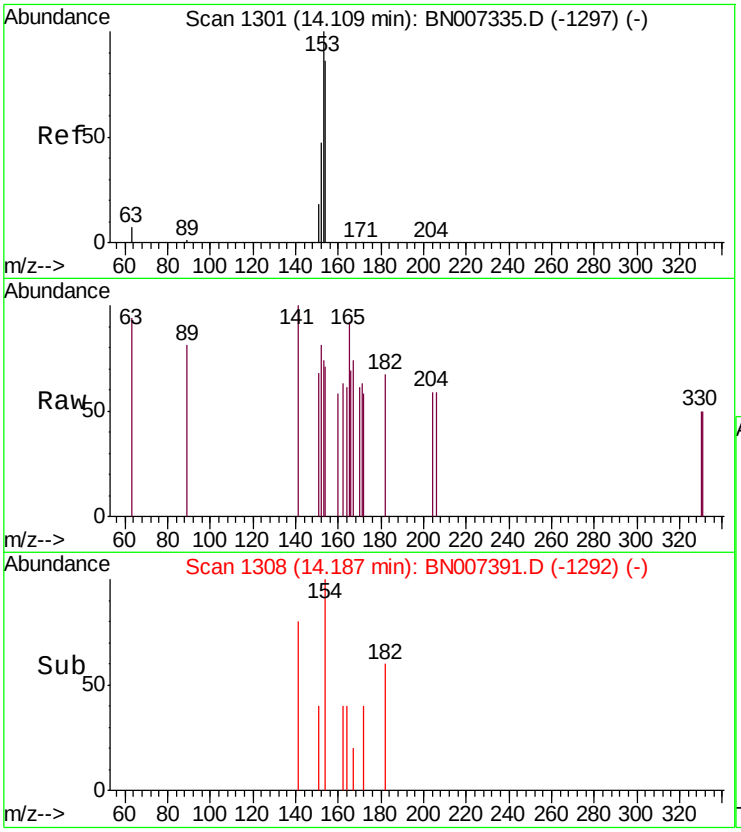


#16
Acenaphthylene
Concen: 2.535 ng
RT: 13.80 min Scan# 1273
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:152 Resp: 15

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.1	24.1#
153	0.0	10.6	15.8#



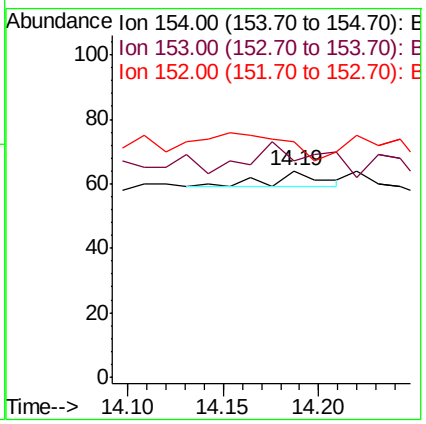


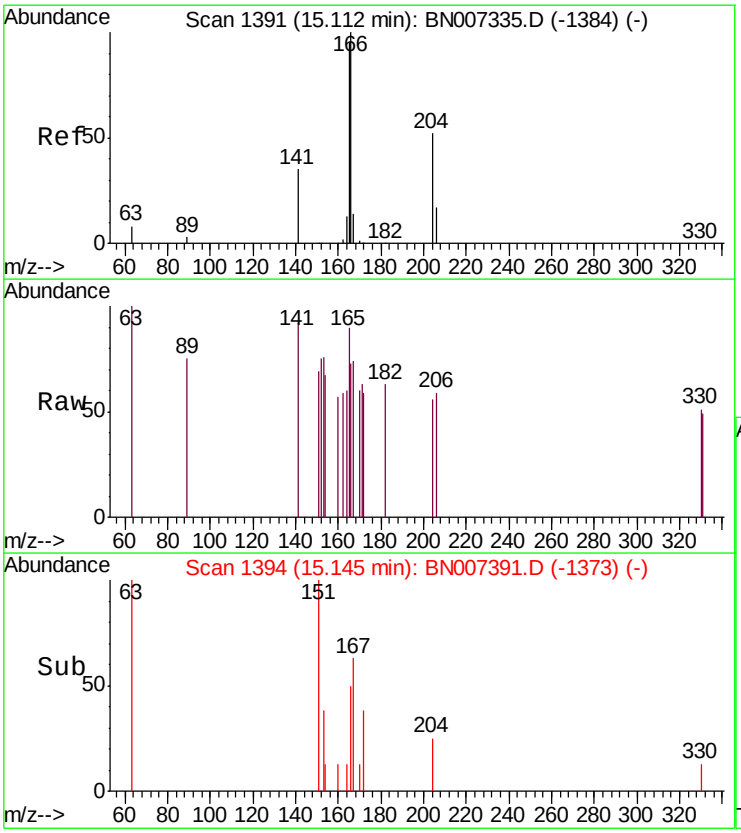
#17
Acenaphthene
Concen: 2.600 ng
RT: 14.19 min Scan# 1308
Delta R.T. 0.08 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:154 Resp: 9

Ion	Ratio	Lower	Upper
154	100		
153	300.0	92.8	139.2#
152	0.0	43.8	65.8#

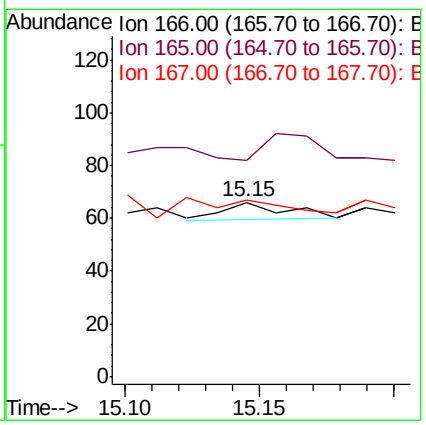


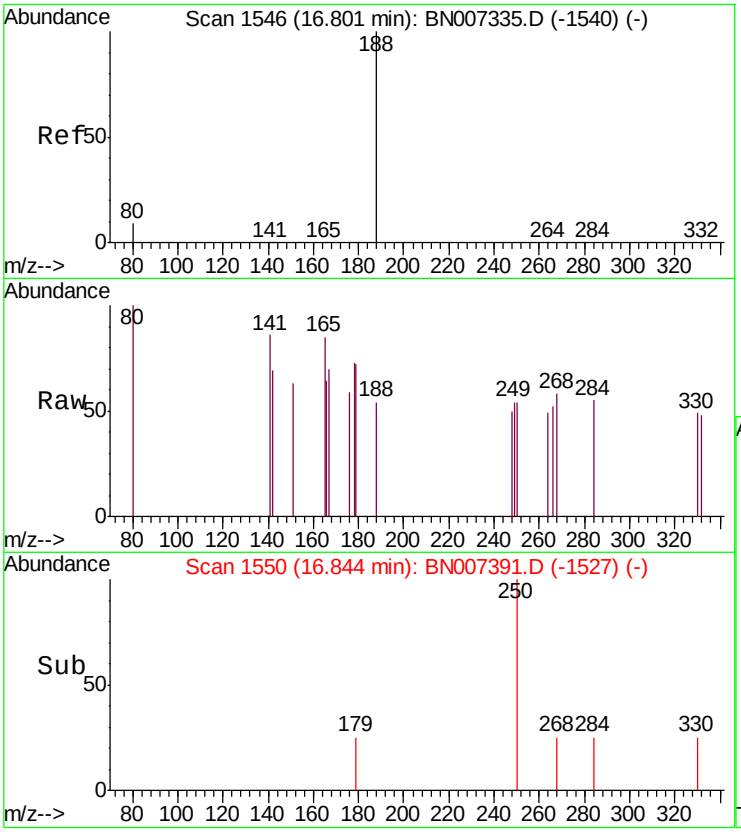


#18
Fluorene
Concen: 2.512 ng
RT: 15.15 min Scan# 1394
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:166 Resp: 11

Ion	Ratio	Lower	Upper
166	100		
165	190.9	79.0	118.4#
167	0.0	10.6	15.8#



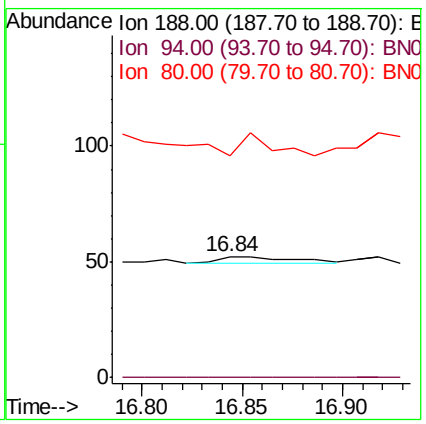


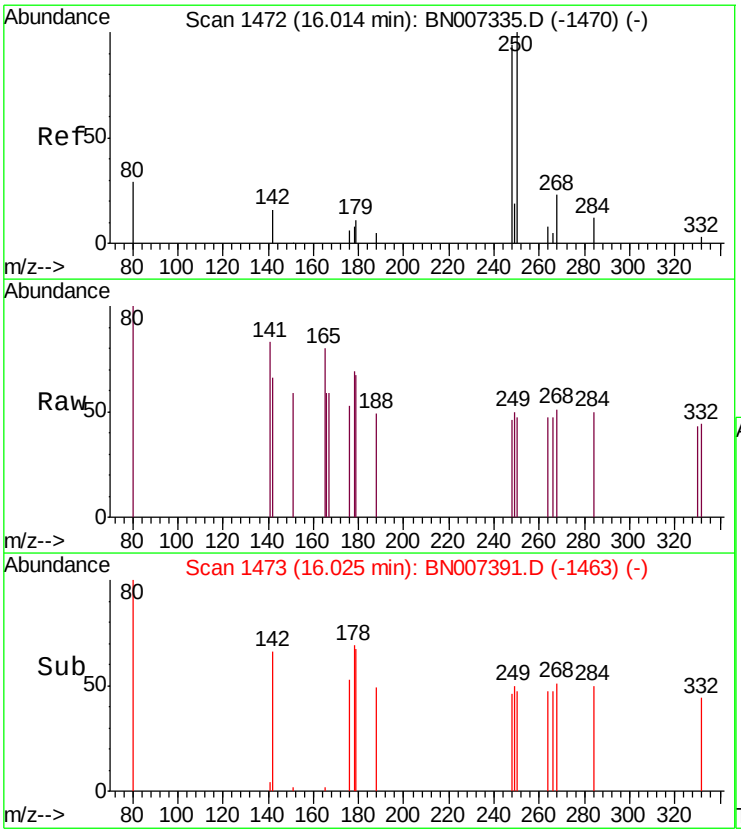
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.04 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:188 Resp: 9

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	184.6	11.8	17.8#

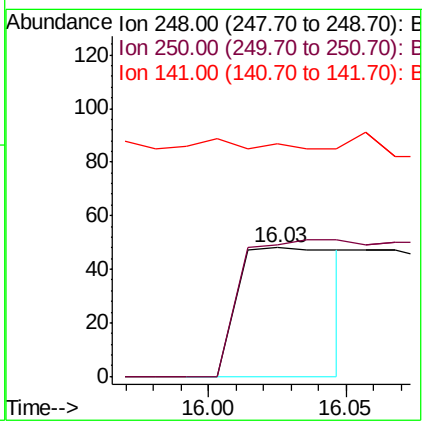


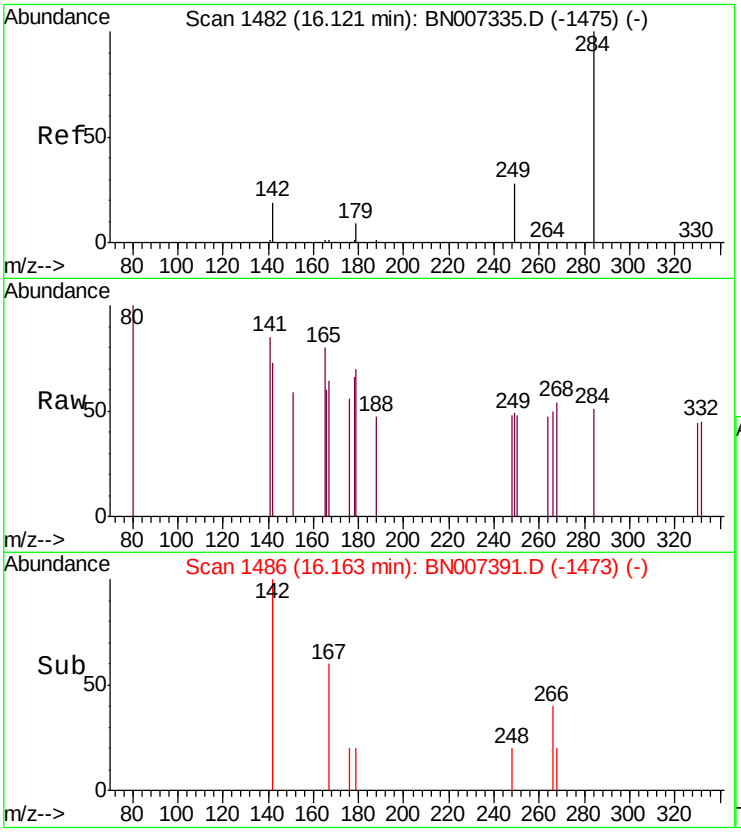


#20
4-Bromophenyl-phenylether
Concen: 34.656 ng
RT: 16.03 min Scan# 1473
Delta R.T. 0.01 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:248 Resp: 123

Ion	Ratio	Lower	Upper
248	100		
250	102.1	85.0	127.6
141	181.3	51.7	77.5#



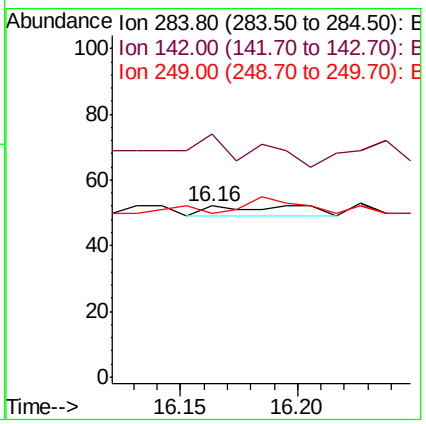


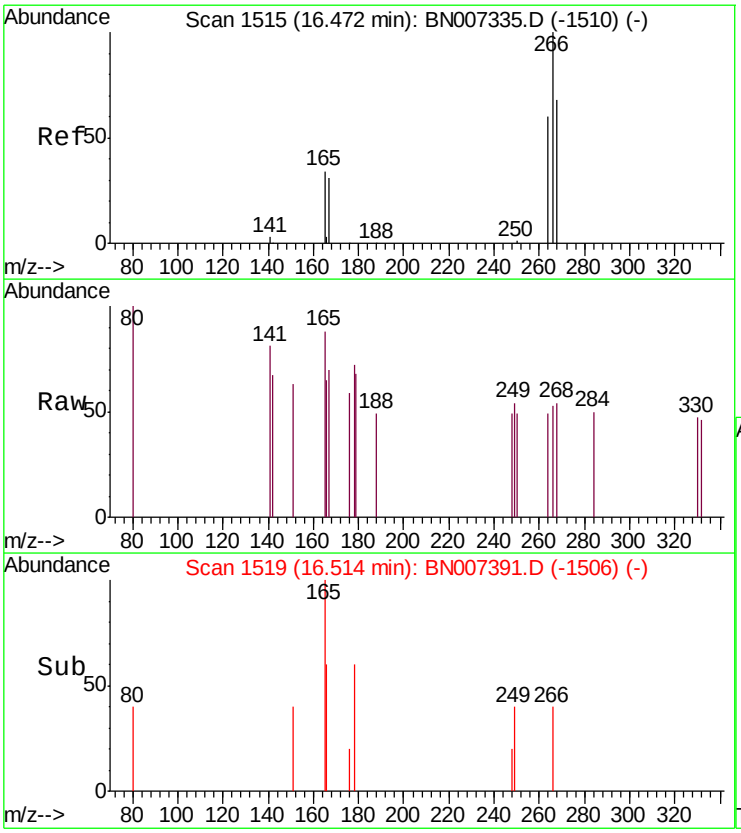
#21
Hexachlorobenzene
Concen: 1.326 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.04 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	187.5	29.0	43.6#
249	0.0	24.9	37.3#

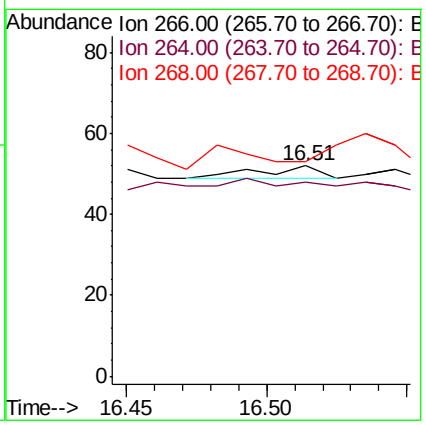


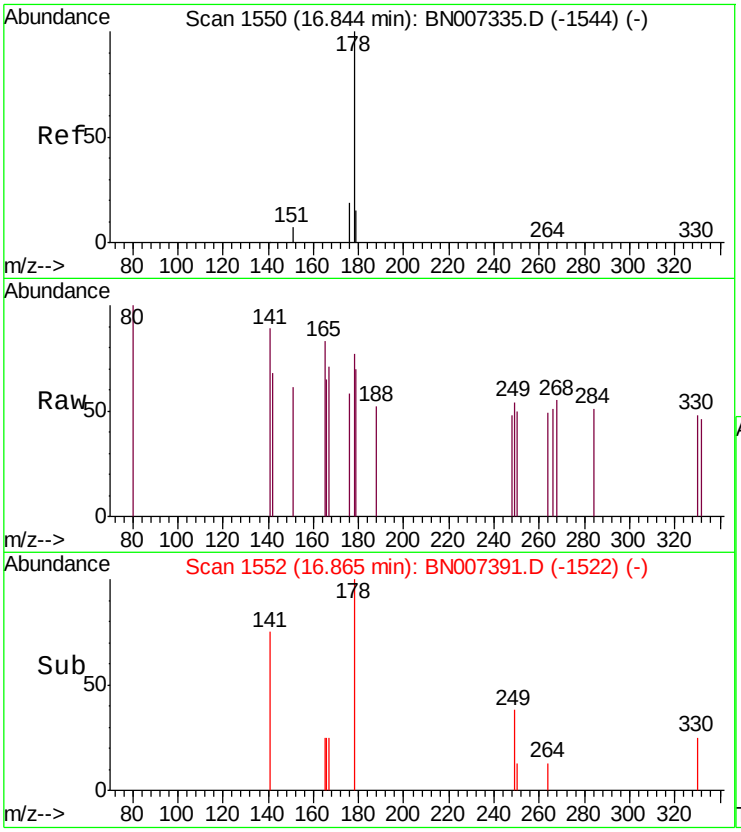


#22
Pentachlorophenol
Concen: 2.134 ng
RT: 16.51 min Scan# 1519
Delta R.T. 0.04 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	92.3	57.8	86.8#
268	101.9	99.7	149.5



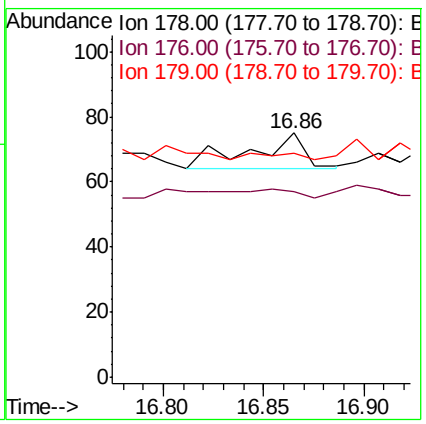


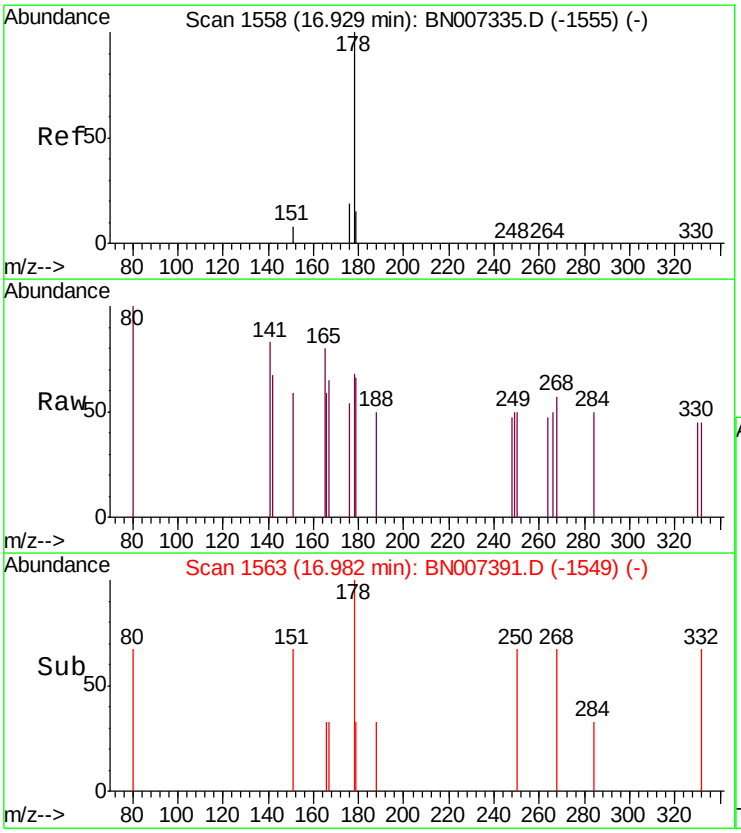
#23
Phenanthrene
Concen: 0.776 ng
RT: 16.86 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:178 Resp: 21

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	0.0	12.6	19.0#

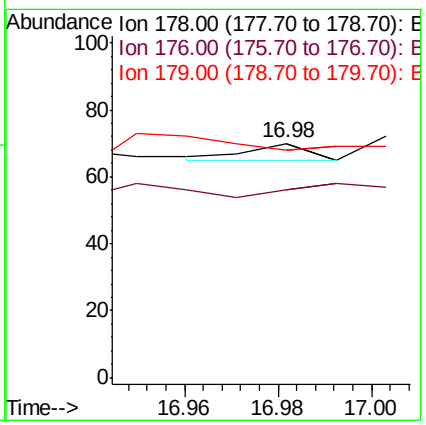


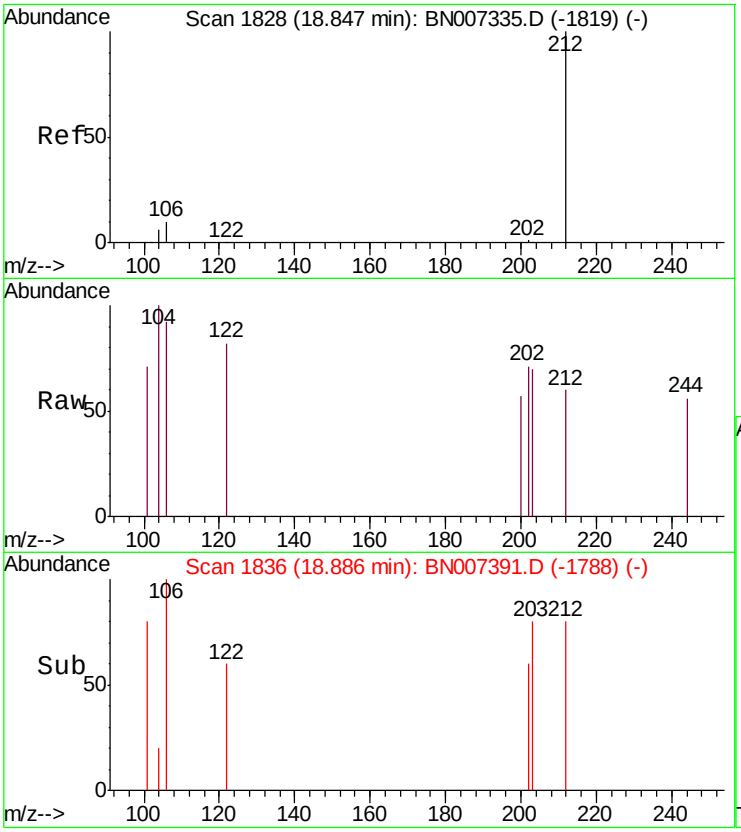


#24
Anthracene
Concen: 0.147 ng
RT: 16.98 min Scan# 1563
Delta R.T. 0.05 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:178 Resp: 4

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.9	22.3#
179	0.0	12.4	18.6#



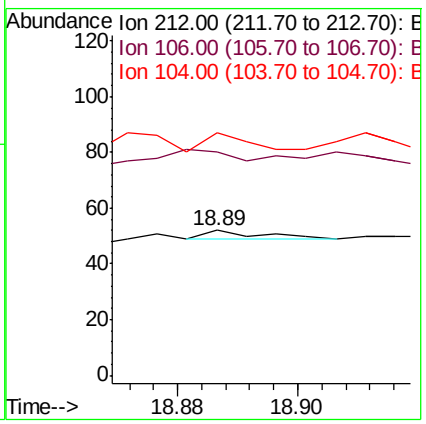


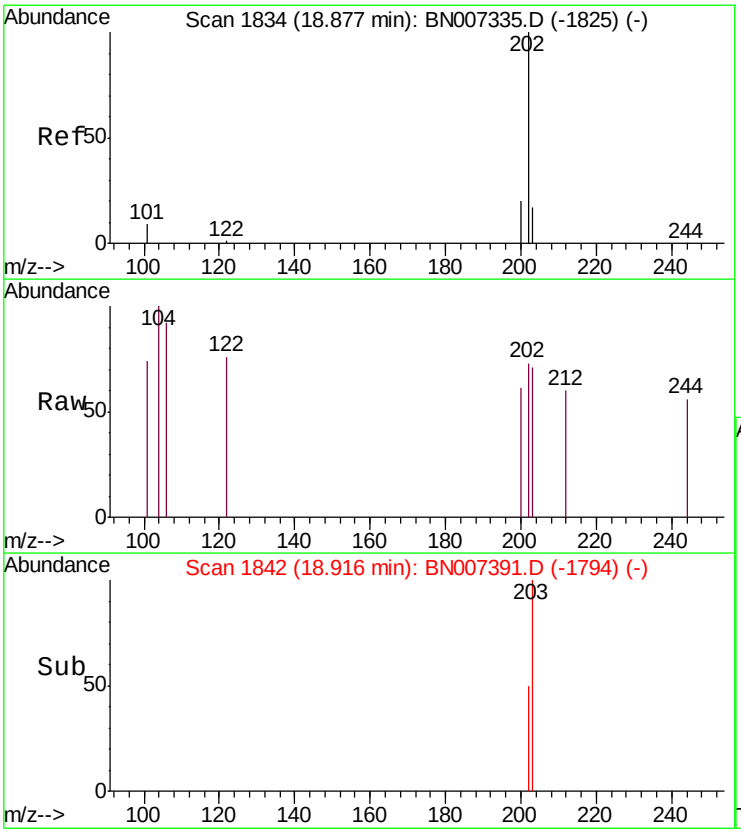
#25
Fluoranthene-d10
Concen: 0.069 ng
RT: 18.89 min Scan# 1836
Delta R.T. 0.04 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:212 Resp: 2

Ion	Ratio	Lower	Upper
212	100		
106	200.0	9.0	13.4#
104	200.0	5.4	8.2#

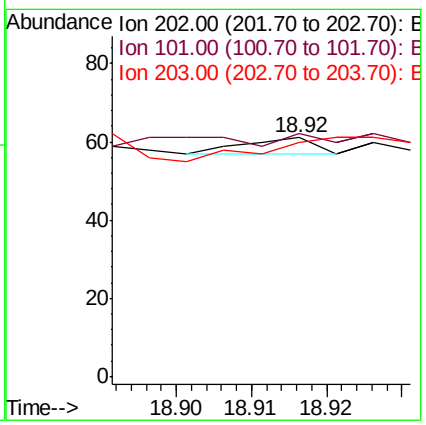


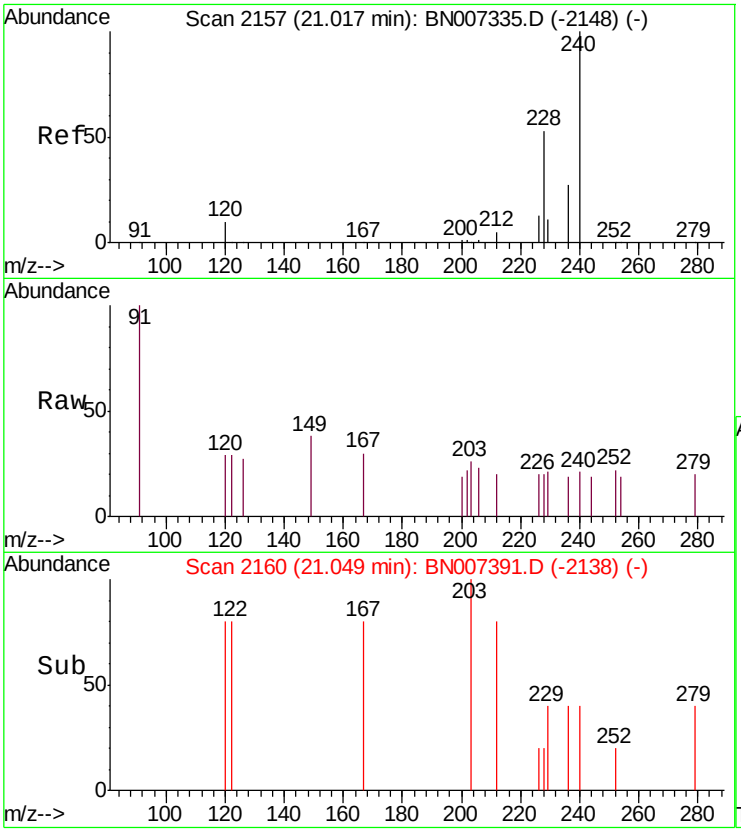


#26
Fluoranthene
Concen: 0.086 ng
RT: 18.92 min Scan# 1842
Delta R.T. 0.04 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:202 Resp: 3

Ion	Ratio	Lower	Upper
202	100		
101	0.0	7.7	11.5#
203	600.0	13.7	20.5#



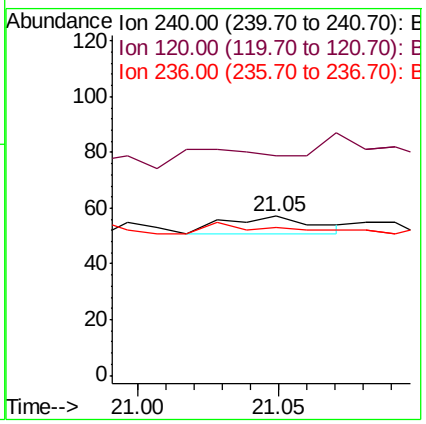


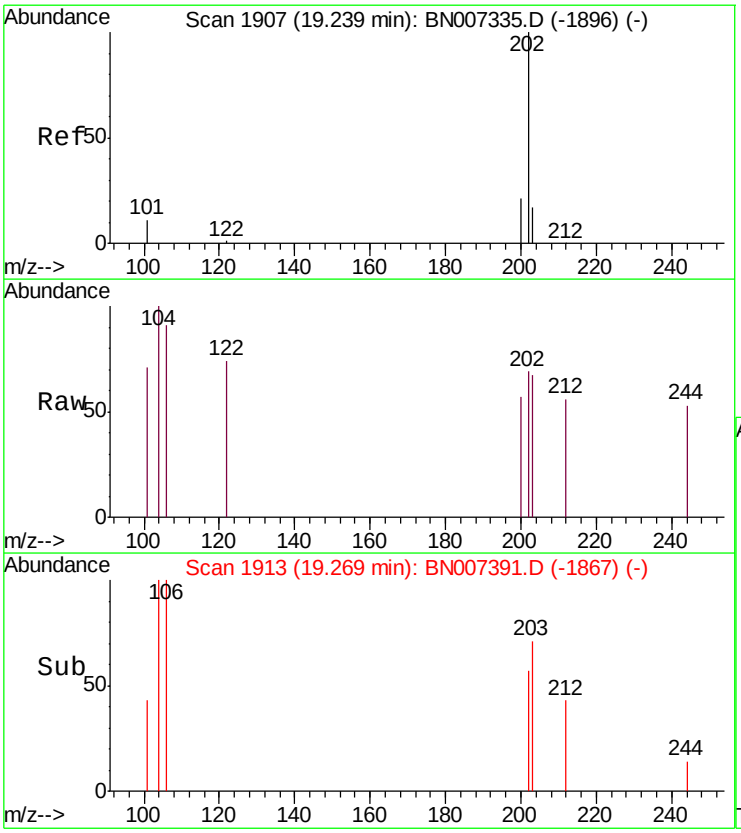
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2160
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:240 Resp: 13

Ion	Ratio	Lower	Upper
240	100		
120	138.6	9.6	14.4#
236	93.0	22.2	33.2#

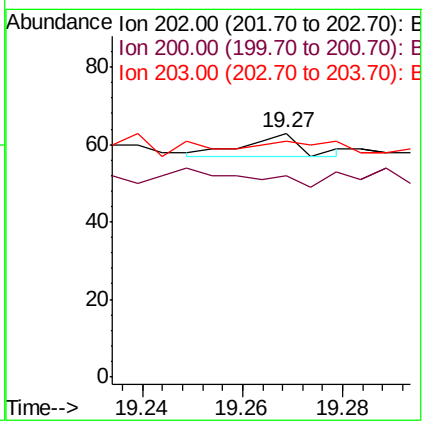


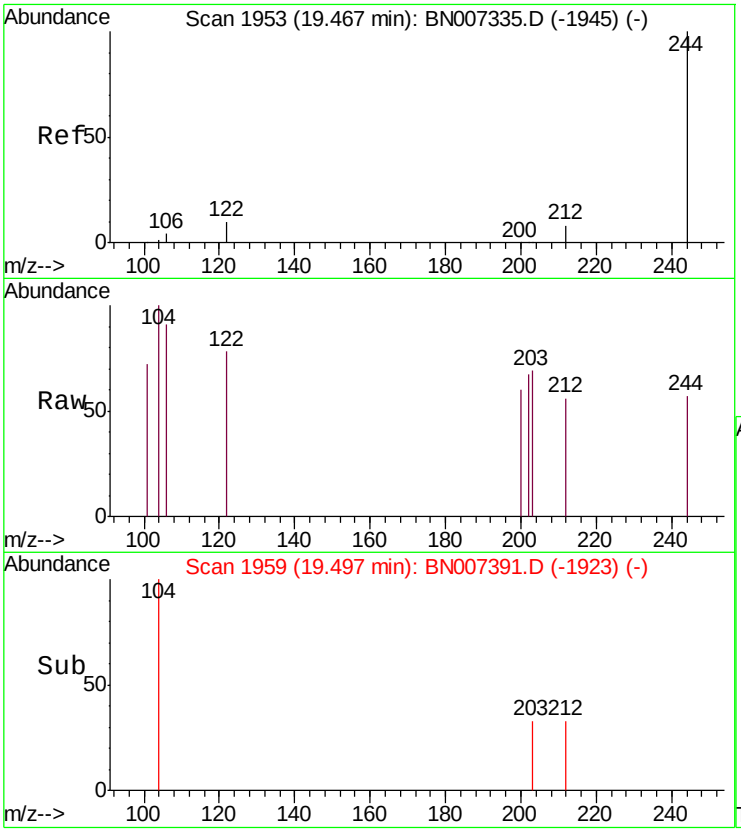


#28
Pyrene
Concen: 0.096 ng
RT: 19.27 min Scan# 1913
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:202 Resp: 5

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	25.0#
203	100.0	14.2	21.4#



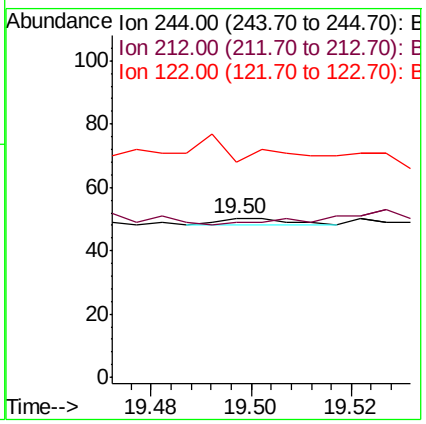


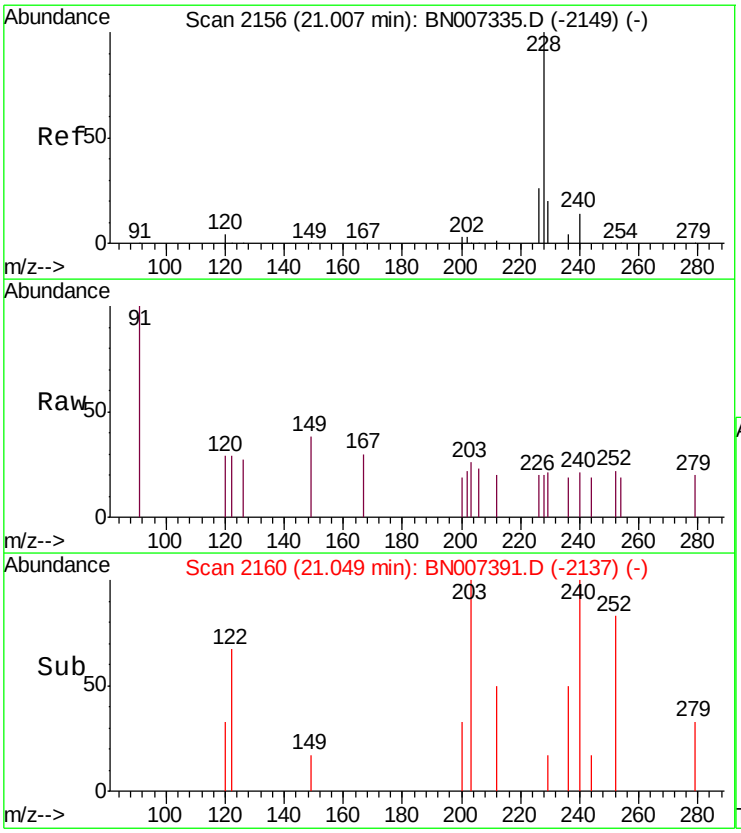
#29
Terphenyl-d14
Concen: 0.059 ng
RT: 19.50 min Scan# 1959
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument : BNA_N
ClientSampleId : PB122506BS

Tgt Ion:244 Resp: 2

Ion	Ratio	Lower	Upper
244	100		
212	98.0	7.0	10.6#
122	136.0	9.6	14.4#

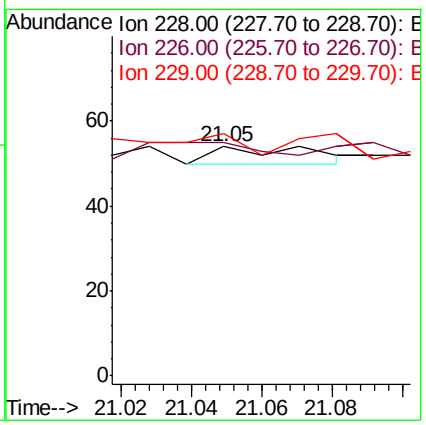


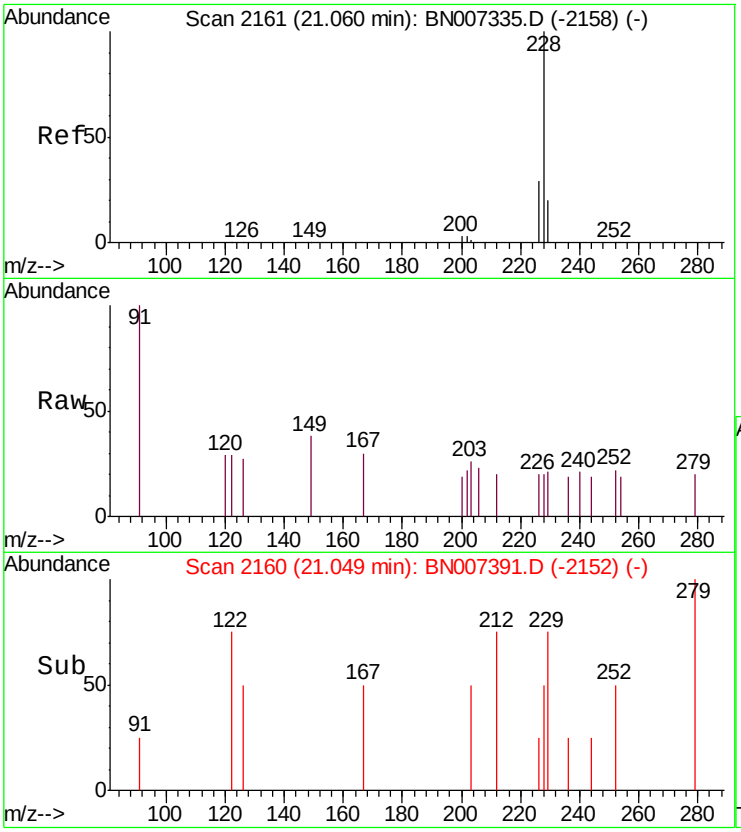


#30
Benzo(a)anthracene
Concen: 0.157 ng
RT: 21.05 min Scan# 2160
Delta R.T. 0.04 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:228 Resp: 8

Ion	Ratio	Lower	Upper
228	100		
226	101.9	21.3	31.9#
229	105.6	16.1	24.1#



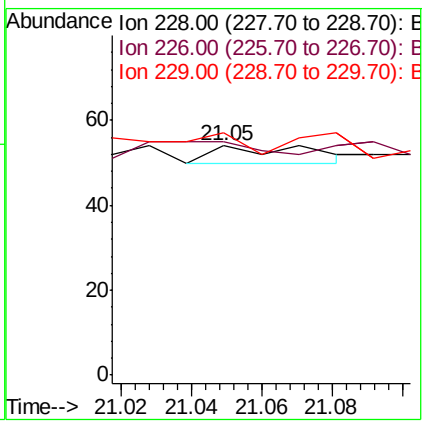


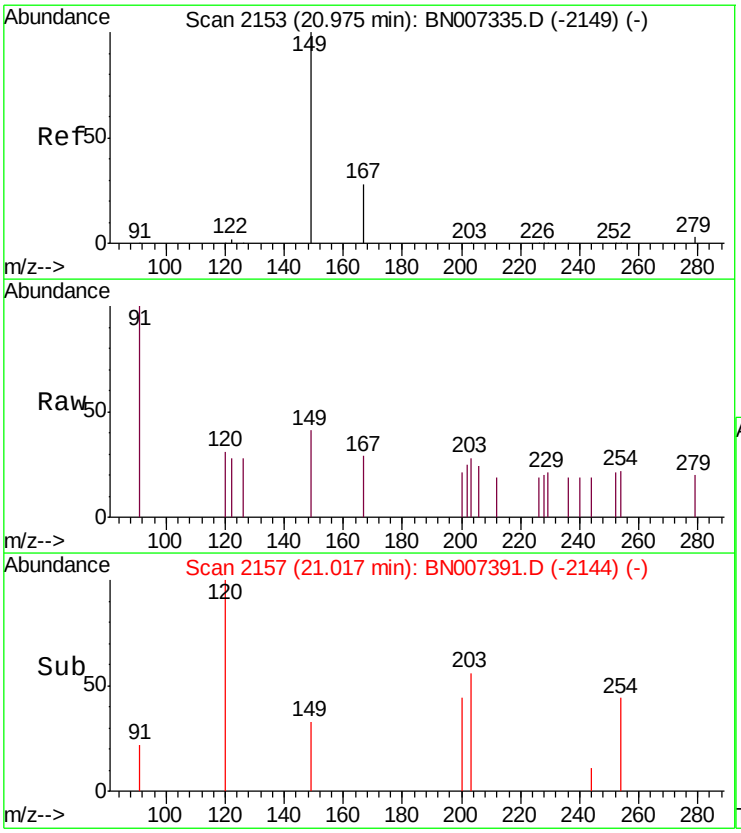
#31
Chrysene
Concen: 0.162 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:228 Resp: 8

Ion	Ratio	Lower	Upper
228	100		
226	101.9	23.5	35.3#
229	105.6	16.6	24.8#

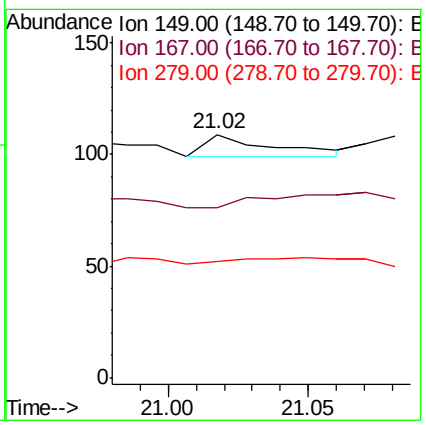


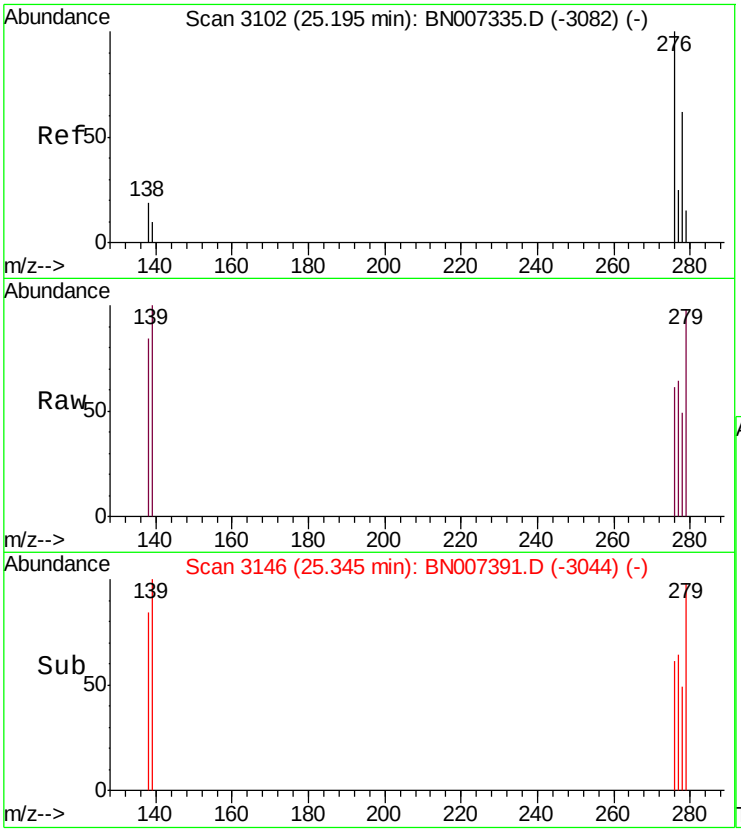


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.496 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.04 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:149 Resp: 17

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.8	34.2#
279	0.0	3.5	5.3#



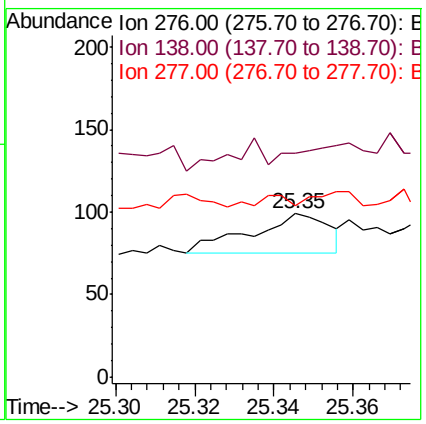


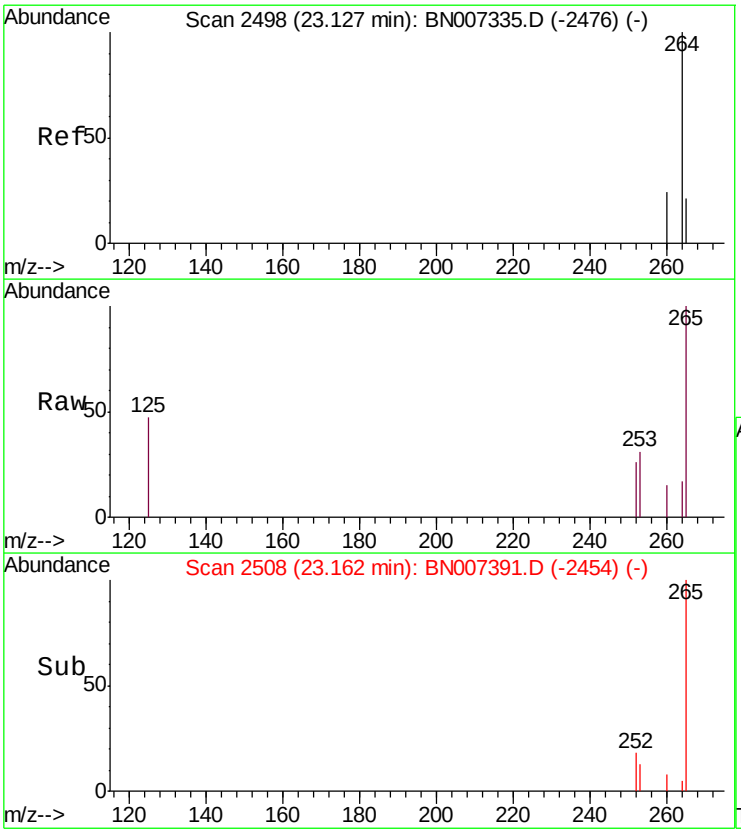
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.556 ng
RT: 25.35 min Scan# 3146
Delta R.T. 0.15 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:276 Resp: 33

Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.1	22.7
277	21.2	19.7	29.5

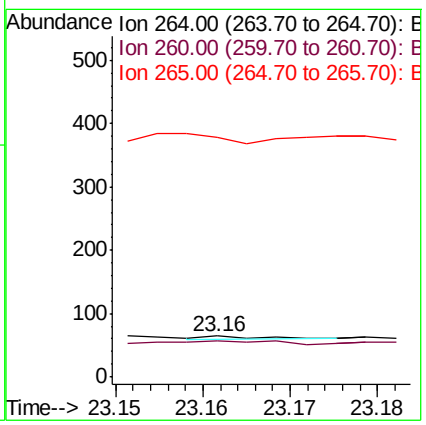


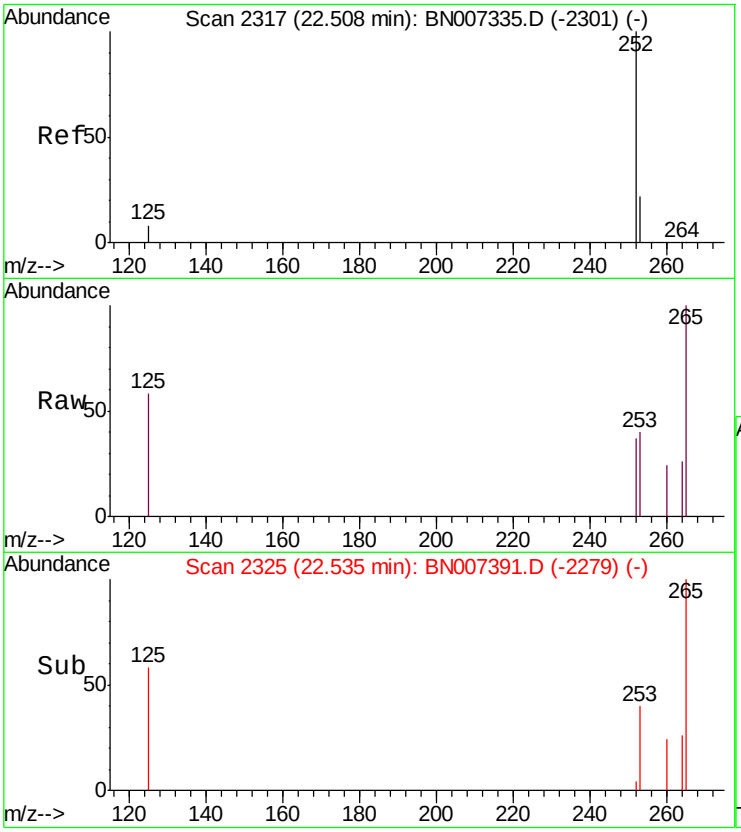


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2508
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:264 Resp: 2

Ion	Ratio	Lower	Upper
264	100		
260	89.1	19.7	29.5#
265	590.6	29.9	44.9#



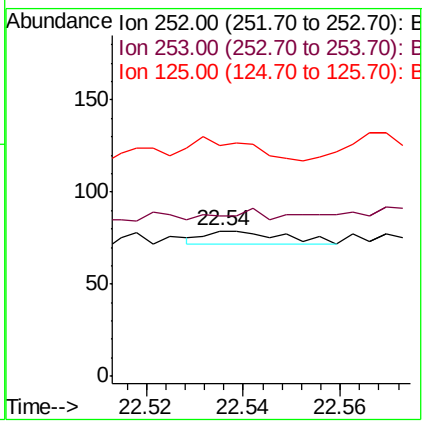


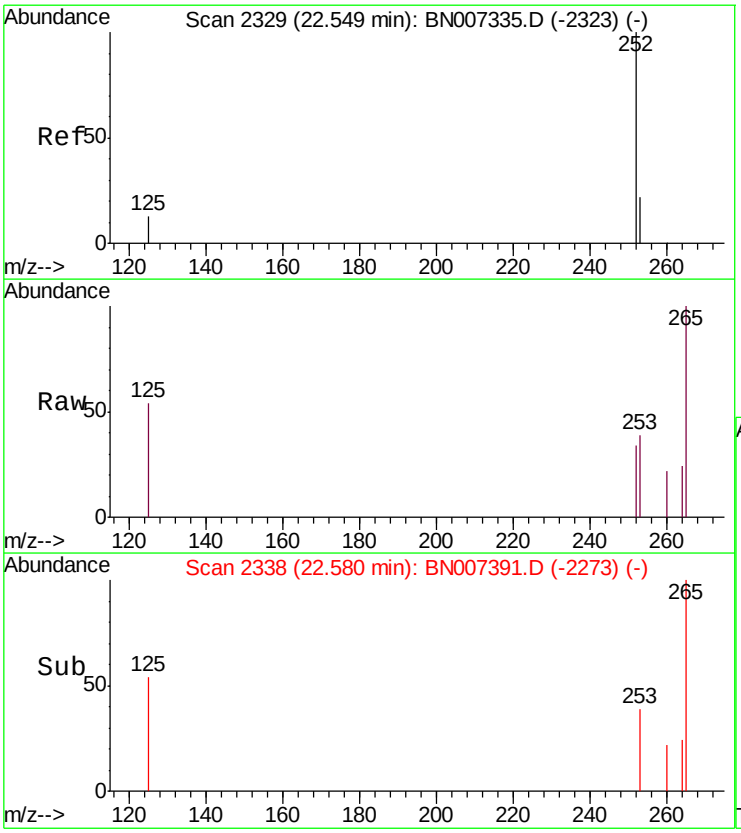
#35
Benzo(b)fluoranthene
Concen: 0.966 ng
RT: 22.54 min Scan# 2325
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:252 Resp: 7

Ion	Ratio	Lower	Upper
252	100		
253	110.1	19.2	28.8#
125	158.2	10.6	16.0#

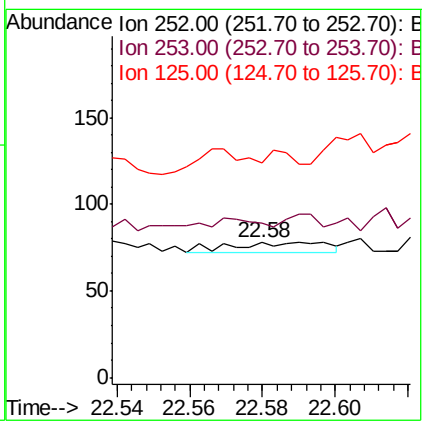


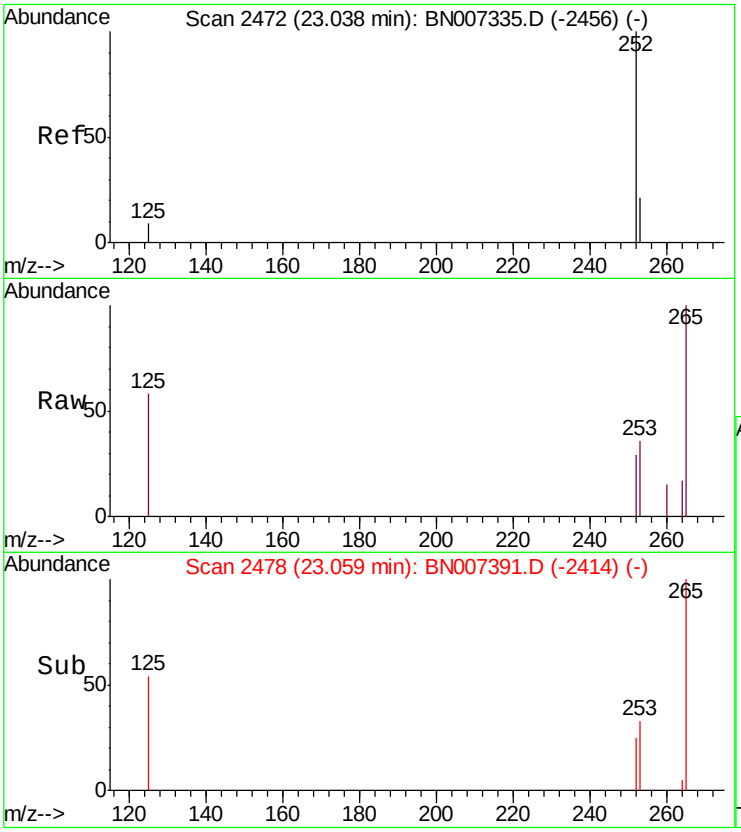


#36
Benzo(k)fluoranthene
Concen: 1.536 ng
RT: 22.58 min Scan# 2338
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:252 Resp: 11

Ion	Ratio	Lower	Upper
252	100		
253	114.1	19.4	29.2#
125	159.0	13.1	19.7#



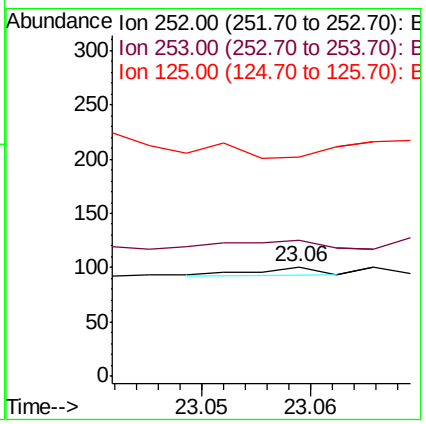


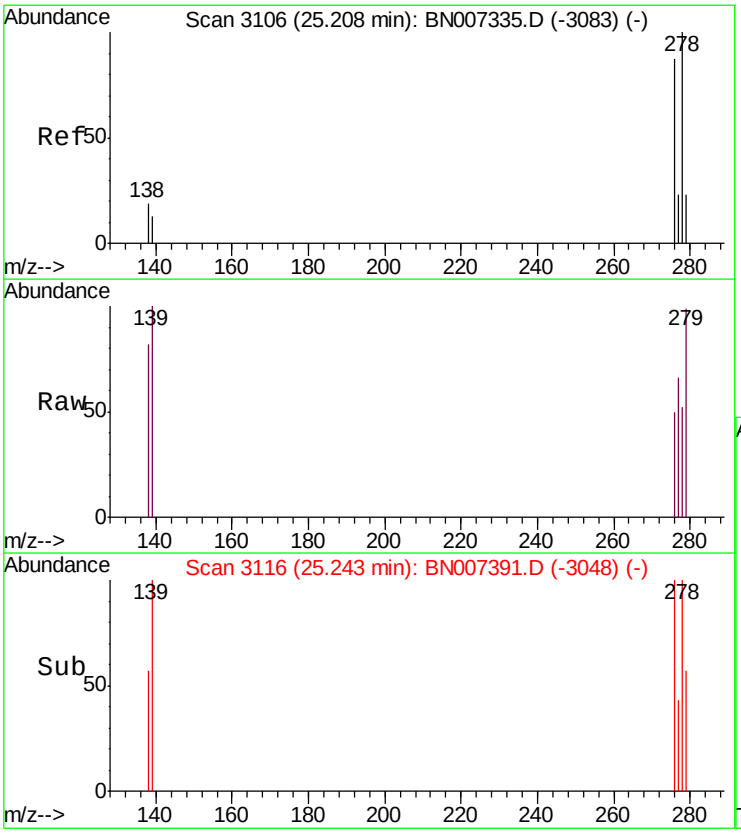
#37
Benzo(a)pyrene
Concen: 0.435 ng
RT: 23.06 min Scan# 2478
Delta R.T. 0.02 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:252 Resp: 3

Ion	Ratio	Lower	Upper
252	100		
253	123.8	19.5	29.3#
125	200.0	12.1	18.1#

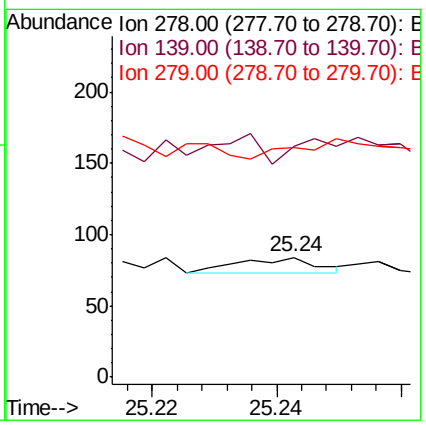


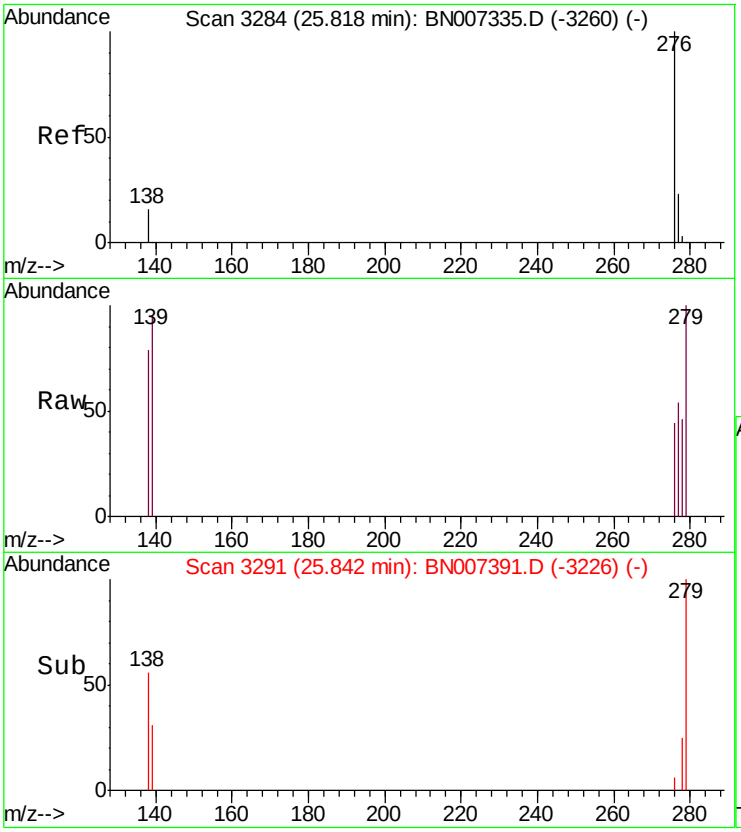


#38
Dibenzo(a,h)anthracene
Concen: 1.453 ng
RT: 25.24 min Scan# 3116
Delta R.T. 0.03 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Tgt Ion:278 Resp: 10

Ion	Ratio	Lower	Upper
278	100		
139	192.9	13.7	20.5#
279	191.7	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.583 ng
RT: 25.84 min Scan# 3291
Delta R.T. 0.02 min
Lab File: BN007391.D
Acq: 25 Aug 2019 12:25

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
277	122.6	19.6	29.4#
138	178.6	16.3	24.5#