Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
Data File : BN007542.D
Acq On : 05 Sep 2019 20:40
Operator : HP/JU
Sample : K4697-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 06 02:00:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	176	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	784	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	449	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	961	0.40	ng		0.00
27) Chrysene-d12	21.00	240	1005	0.40	ng		-0.01
34) Perylene-d12	23.11	264	839	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	57	0.07	ng		0.00
5) Phenol-d6	6.59	99	69	0.06	ng		0.00
8) Nitrobenzene-d5	8.53	82	141	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	242	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.54	330	51	0.22	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	703	0.39	ng		0.00
25) Fluoranthene-d10	18.84	212	544	0.18	ng		-0.01
29) Terphenyl-d14	19.46	244	647	0.25	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.33	42	34	0.250	ng	#	40
6) bis(2-Chloroethyl)ether	6.86	93	16	0.025	ng	#	1
9) Naphthalene	10.20	128	1373	0.613	ng	#	89
12) 2-Methylnaphthalene	11.82	142	248	0.163	ng	#	60
16) Acenaphthylene	13.76	152	255	0.096	ng	#	72
17) Acenaphthene	14.10	154	119	0.077	ng		90
18) Fluorene	15.11	166	140	0.071	ng	#	71
20) 4-Bromophenyl-phenylether	16.01	248	125	0.330	ng	#	24
21) Hexachlorobenzene	16.12	284	18	0.028	ng	#	32
22) Pentachlorophenol	16.45	266	64	0.320	ng		88
23) Phenanthrene	16.84	178	357	0.124	ng	#	71
24) Anthracene	16.92	178	148	0.051	ng	#	71
26) Fluoranthene	18.86	202	481	0.130	ng	#	89
28) Pyrene	19.23	202	524	0.130	ng	#	85
30) Benzo(a)anthracene	20.99	228	868	0.220	ng	#	33
31) Chrysene	21.05	228	540	0.142	ng	#	67
32) Bis(2-ethylhexyl)phthalate	20.95	149	1014	0.378	ng	#	75
35) Benzo(b)fluoranthene	22.50	252	458	0.151	ng	#	1
36) Benzo(k)fluoranthene	22.50	252	458	0.152	ng	#	1
37) Benzo(a)pyrene	23.02	252	124	0.043	ng	#	1
38) Dibenzo(a,h)anthracene	25.02	278	124	0.043	ng	#	1
39) Benzo(g,h,i)perylene	25.78	276	118	0.041	ng	#	1

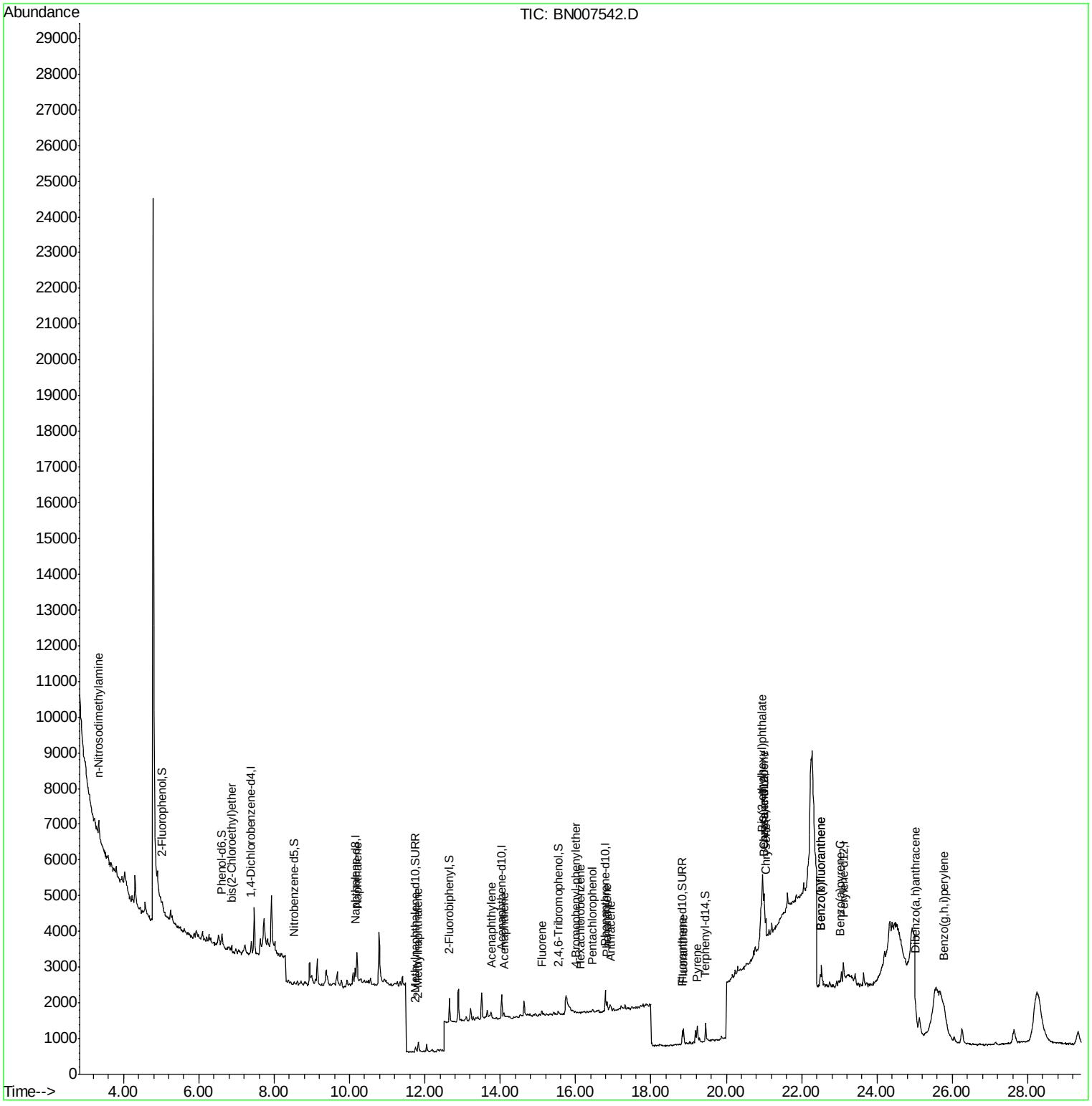
(#) = qualifier out of range (m) = manual integration (+) = signals summed

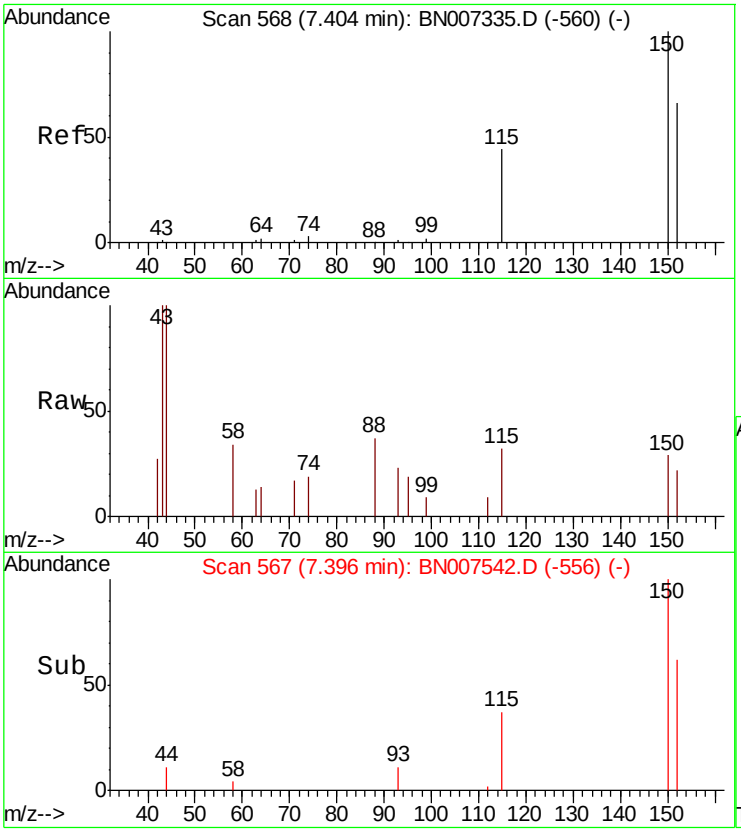
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
Data File : BN007542.D
Acq On : 05 Sep 2019 20:40
Operator : HP/JU
Sample : K4697-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 06 02:00:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



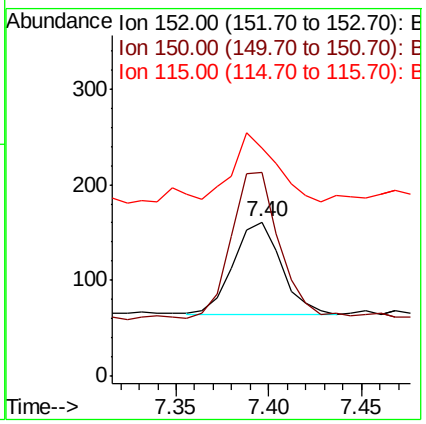


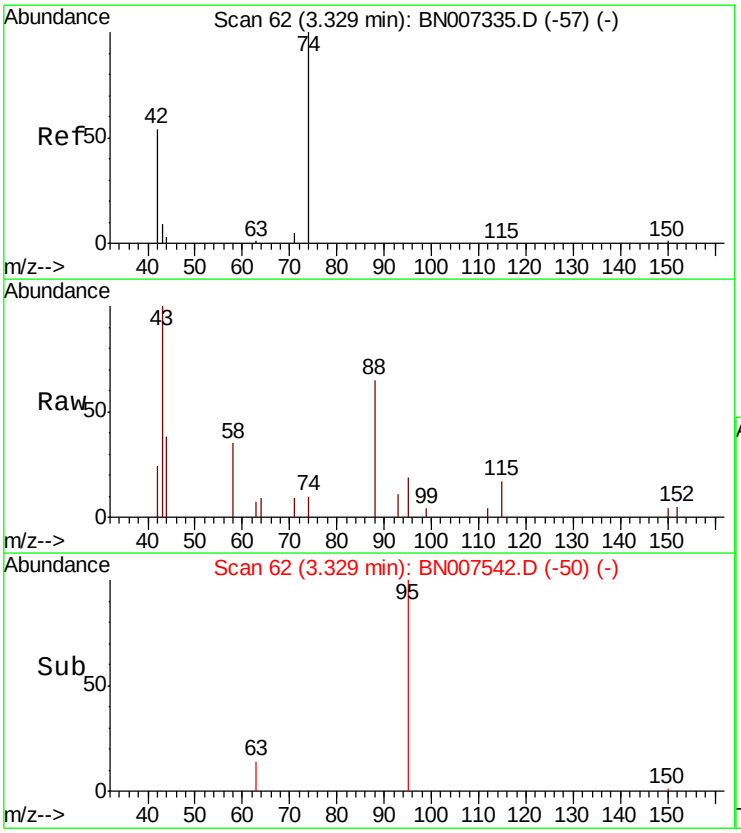
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 176

Ion	Ratio	Lower	Upper
152	100		
150	132.3	109.1	163.7
115	147.8	59.6	89.4#

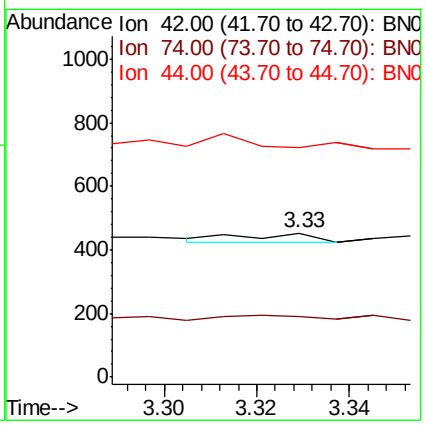


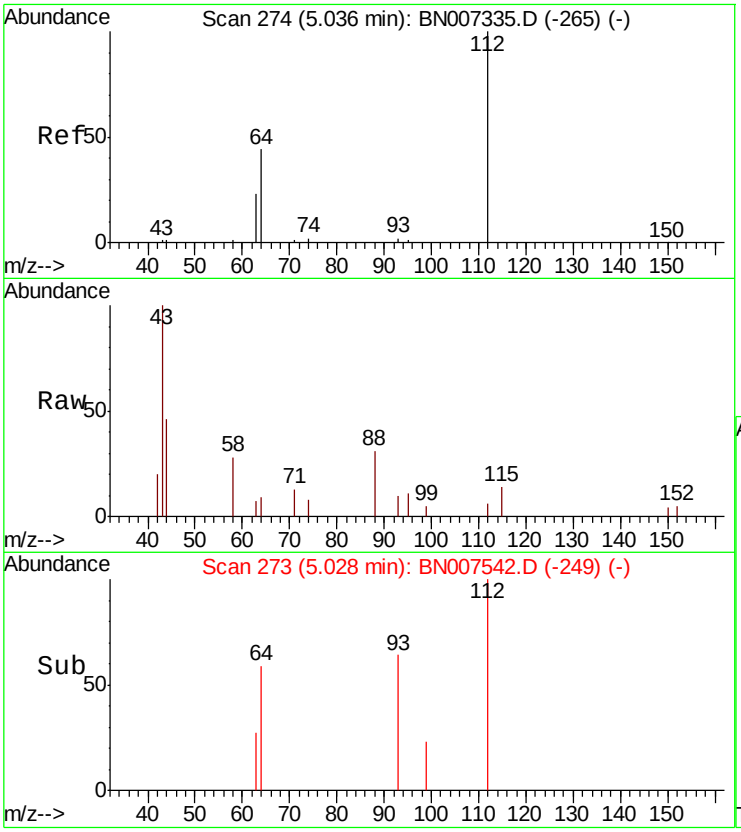


#3
n-Nitrosodimethylamine
Concen: 0.250 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion: 42 Resp: 34

Ion	Ratio	Lower	Upper
42	100		
74	94.1	144.7	217.1#
44	0.0	3.2	4.8#



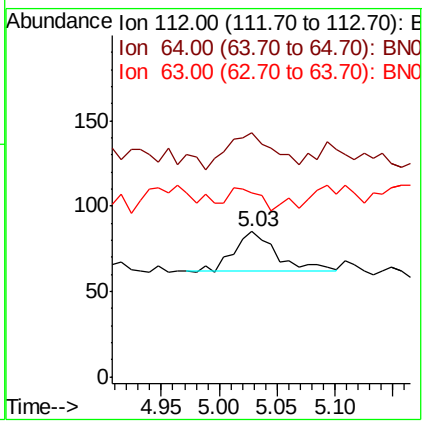


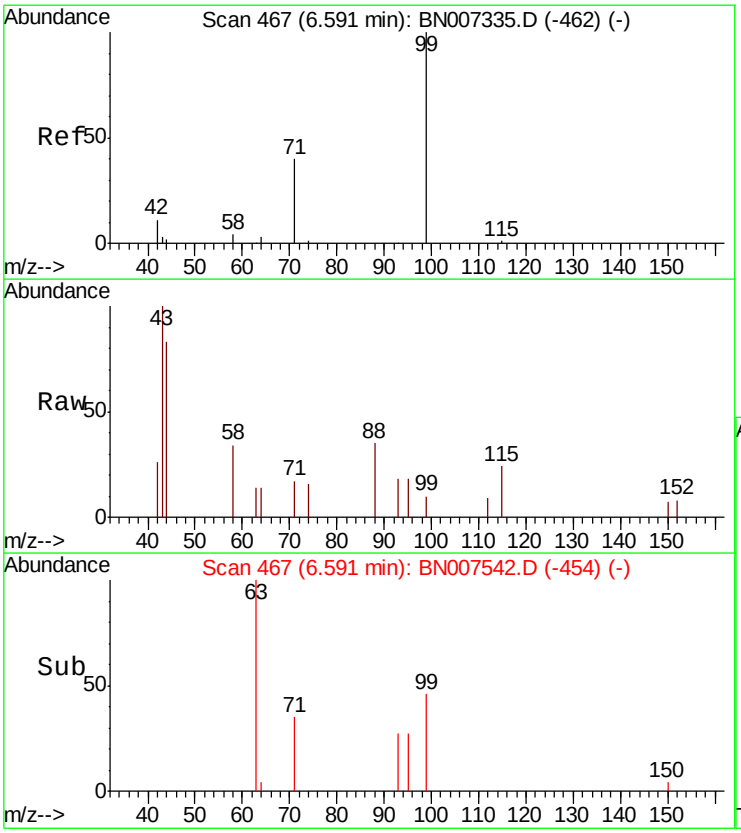
#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 57

Ion	Ratio	Lower	Upper
112	100		
64	107.0	42.3	63.5#
63	40.4	23.6	35.4#

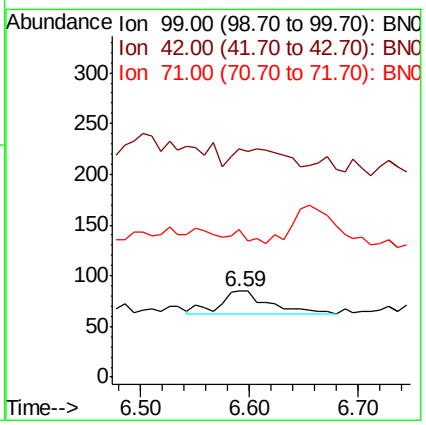


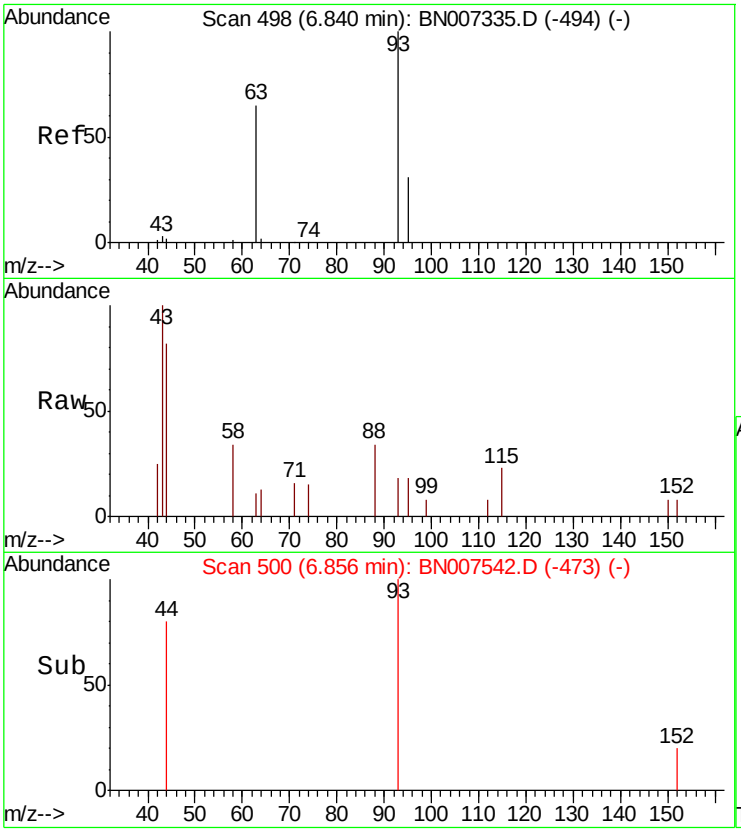


#5
Phenol-d6
Concen: 0.063 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion: 99 Resp: 69

Ion	Ratio	Lower	Upper
99	100		
42	85.5	11.2	16.8#
71	0.0	31.8	47.8#



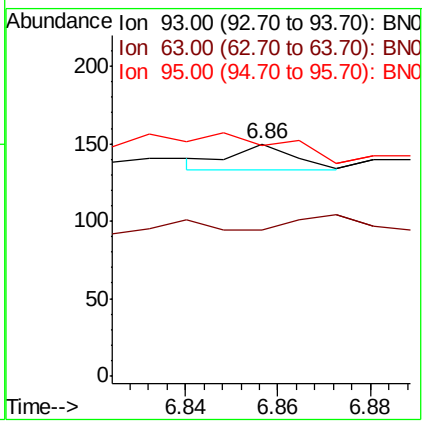


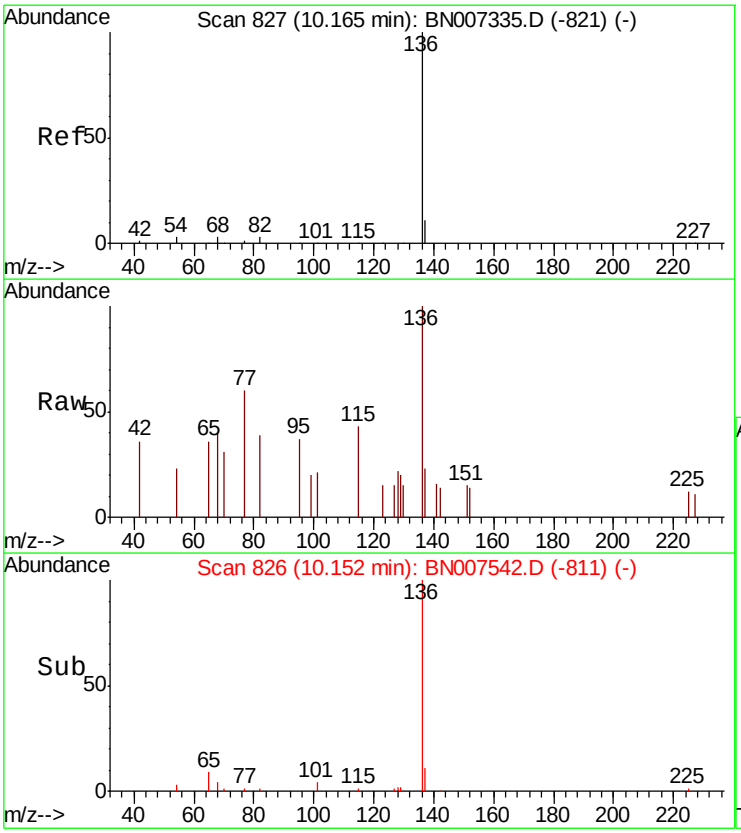
#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 6.86 min Scan# 500
Delta R.T. 0.02 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 16

Ion	Ratio	Lower	Upper
93	100		
63	31.3	51.9	77.9#
95	443.8	27.7	41.5#

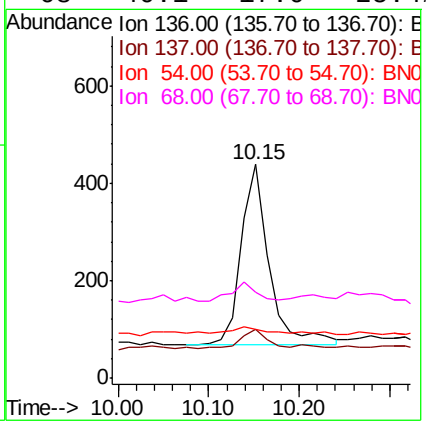


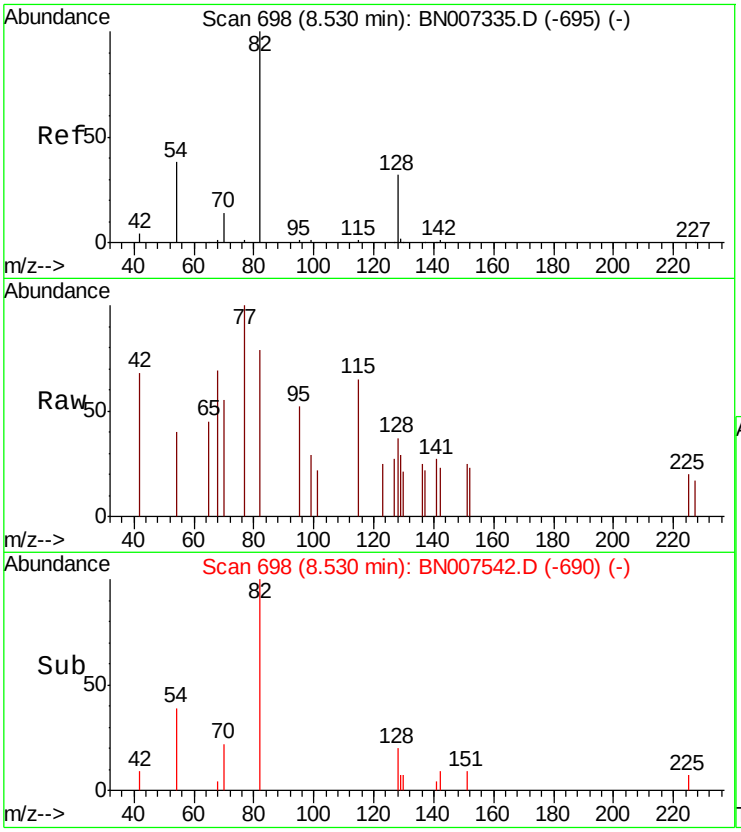


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:136 Resp: 784

Ion	Ratio	Lower	Upper
136	100		
137	22.8	12.9	19.3#
54	23.0	8.6	12.8#
68	40.1	17.0	25.4#



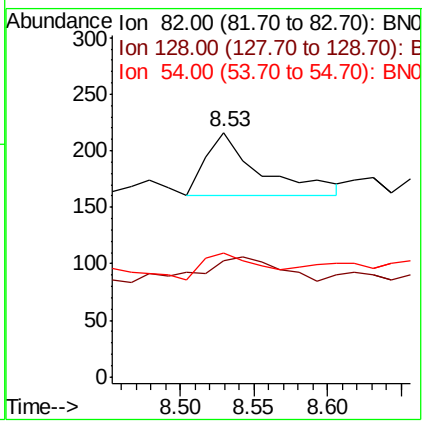


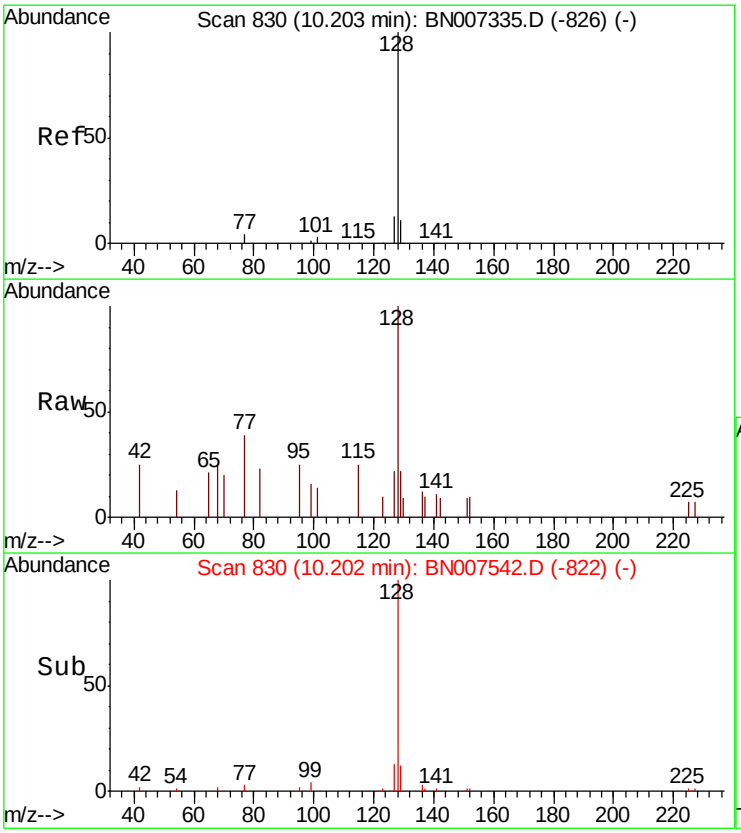
#8
Nitrobenzene-d5
Concen: 0.207 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 141

Ion	Ratio	Lower	Upper
82	100		
128	47.7	19.7	29.5#
54	50.9	25.8	38.6#

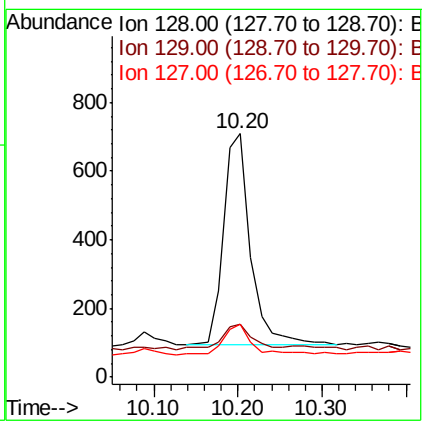


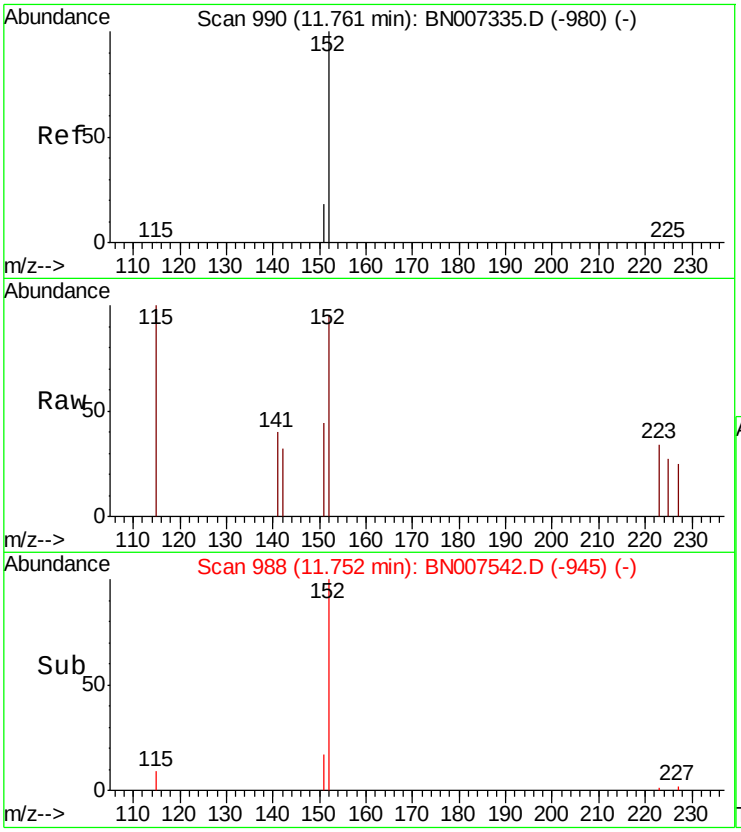


#9
Naphthalene
Concen: 0.613 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:128 Resp: 1373

Ion	Ratio	Lower	Upper
128	100		
129	21.7	11.1	16.7#
127	21.9	15.5	23.3



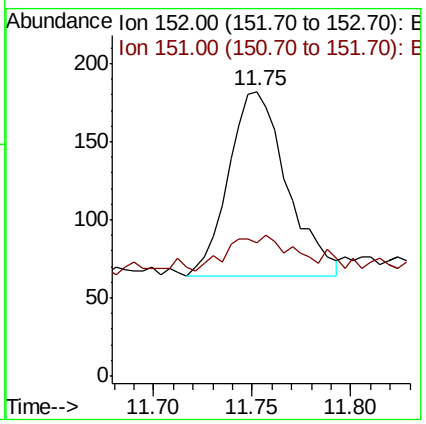


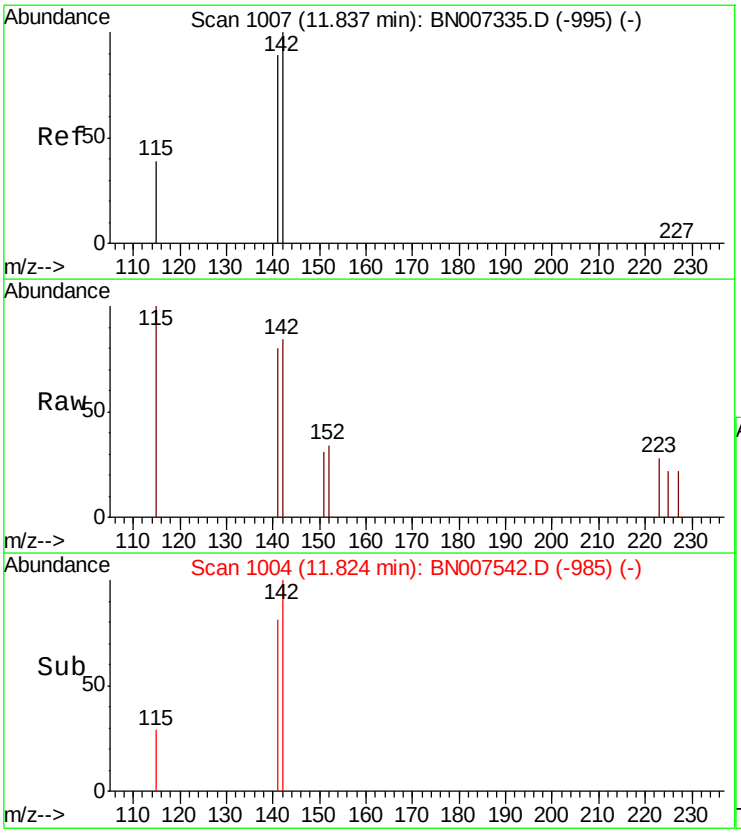
#11
2-Methylnaphthalene-d10
Concen: 0.186 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 242

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2

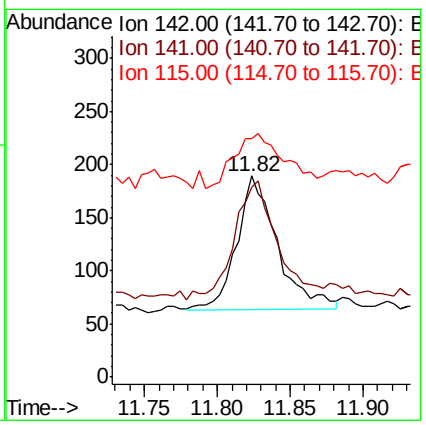


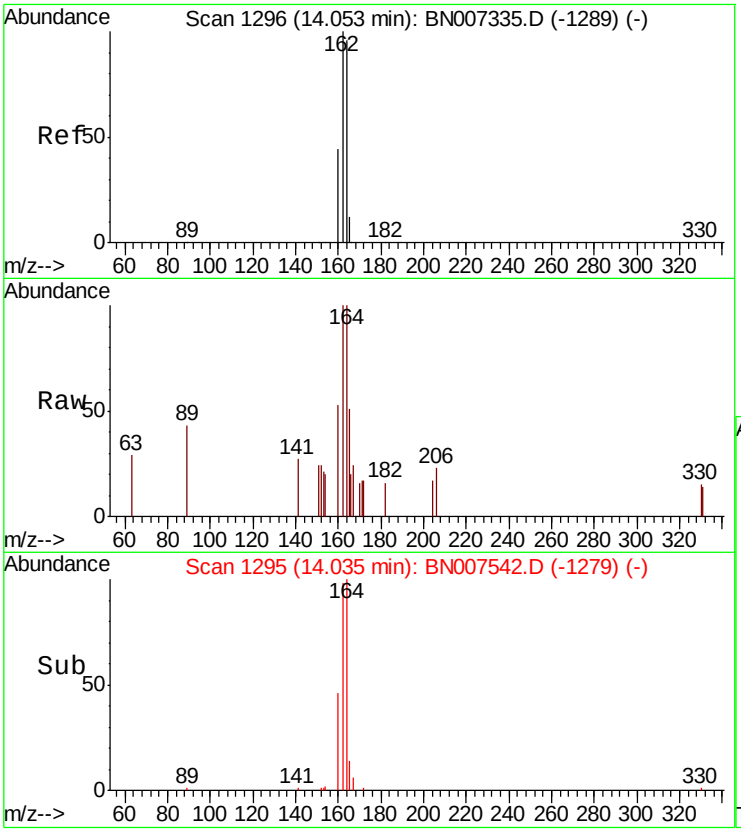


#12
2-Methylnaphthalene
Concen: 0.163 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:142 Resp: 248

Ion	Ratio	Lower	Upper
142	100		
141	94.7	72.8	109.2
115	118.5	35.2	52.8#



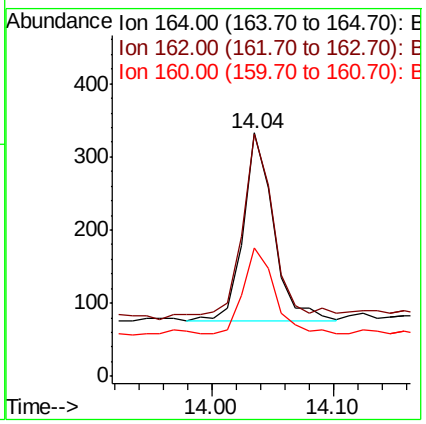


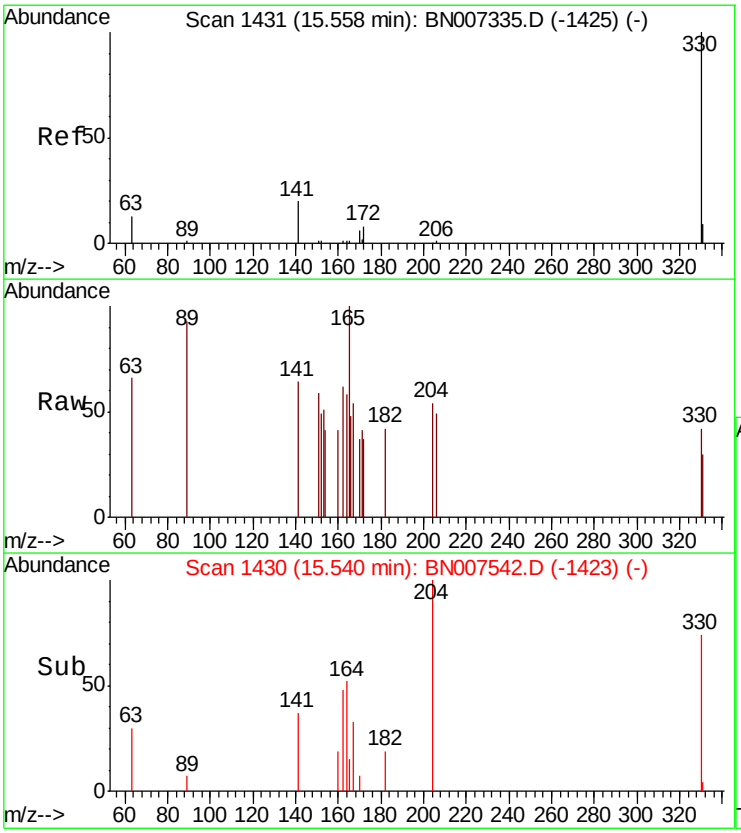
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 449

Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.5	125.3
160	52.9	38.2	57.4

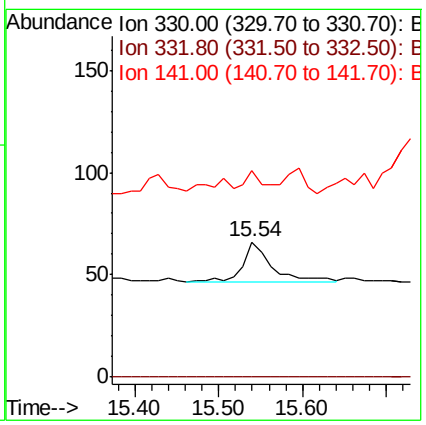


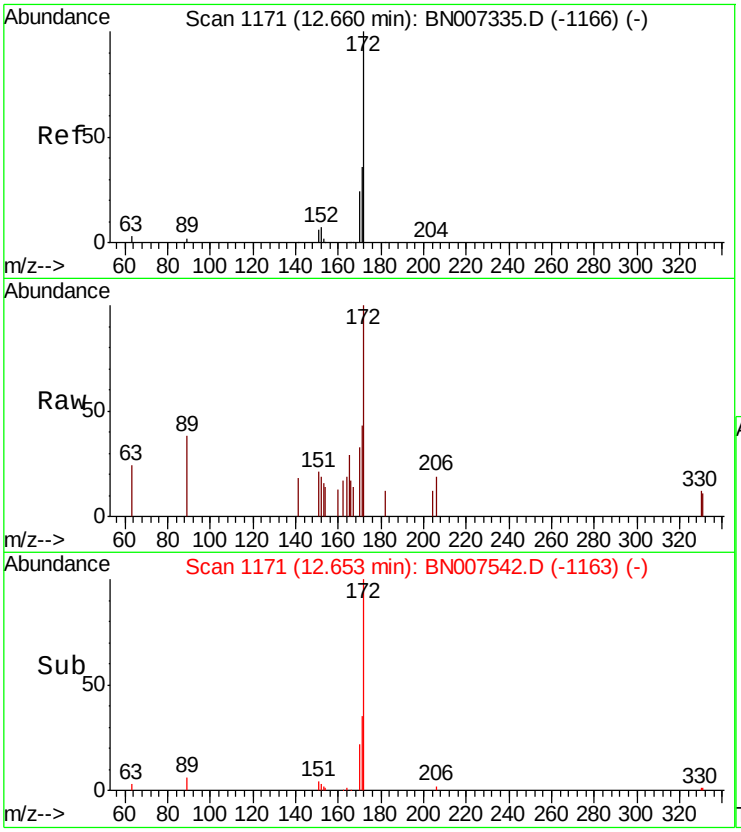


#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:330 Resp: 51

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	19.6	26.9	40.3#



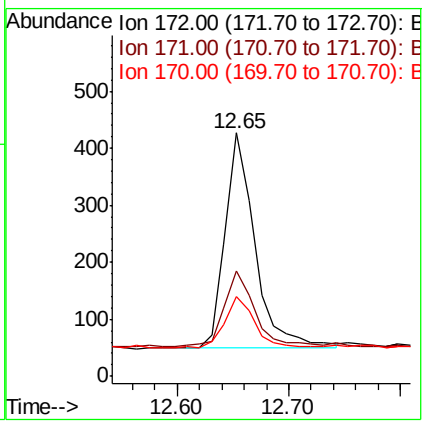


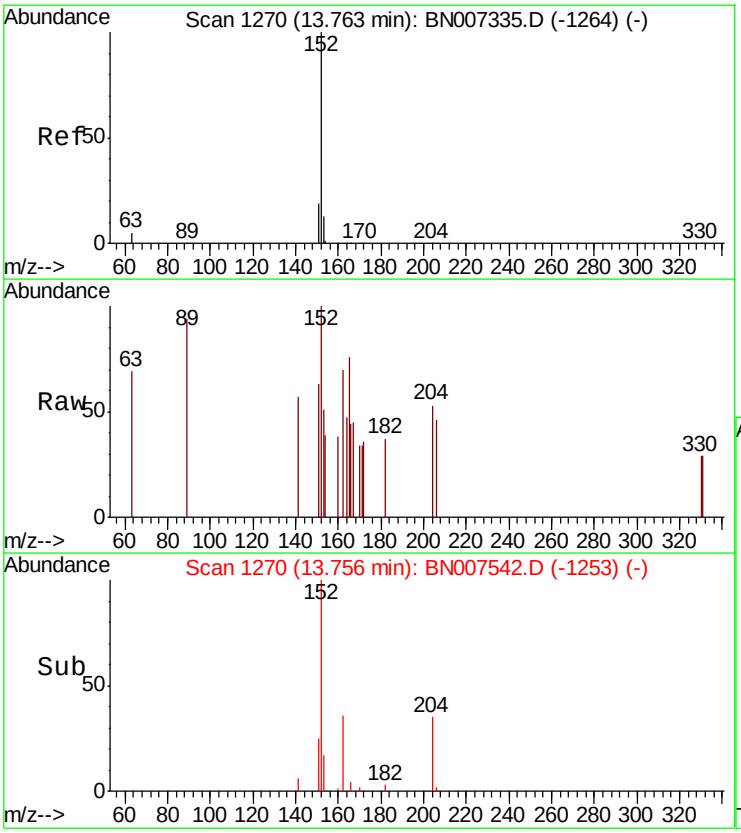
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 703

Ion	Ratio	Lower	Upper
172	100		
171	43.1	30.3	45.5
170	32.6	20.7	31.1#

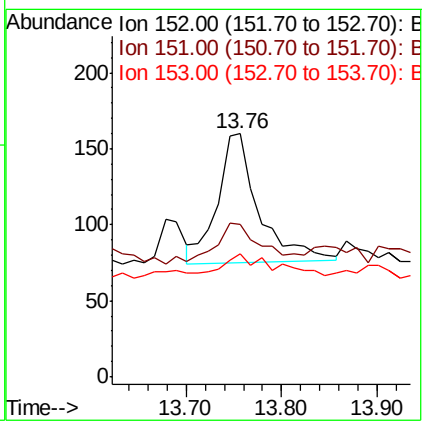


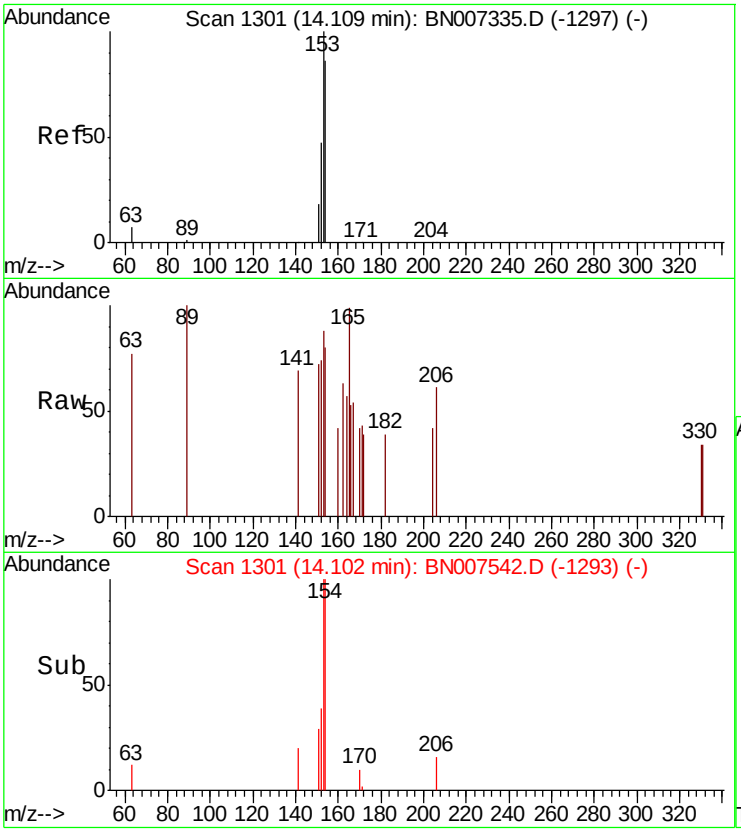


#16
Acenaphthylene
Concen: 0.096 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:152 Resp: 255

Ion	Ratio	Lower	Upper
152	100		
151	38.4	16.1	24.1#
153	17.6	10.6	15.8#



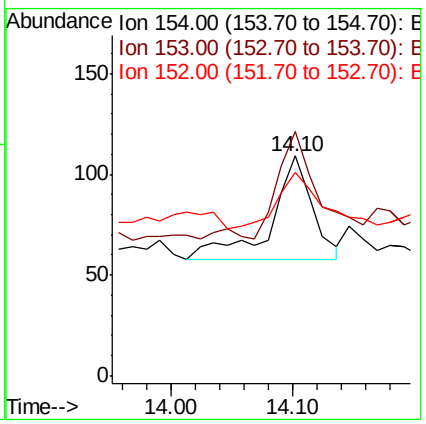


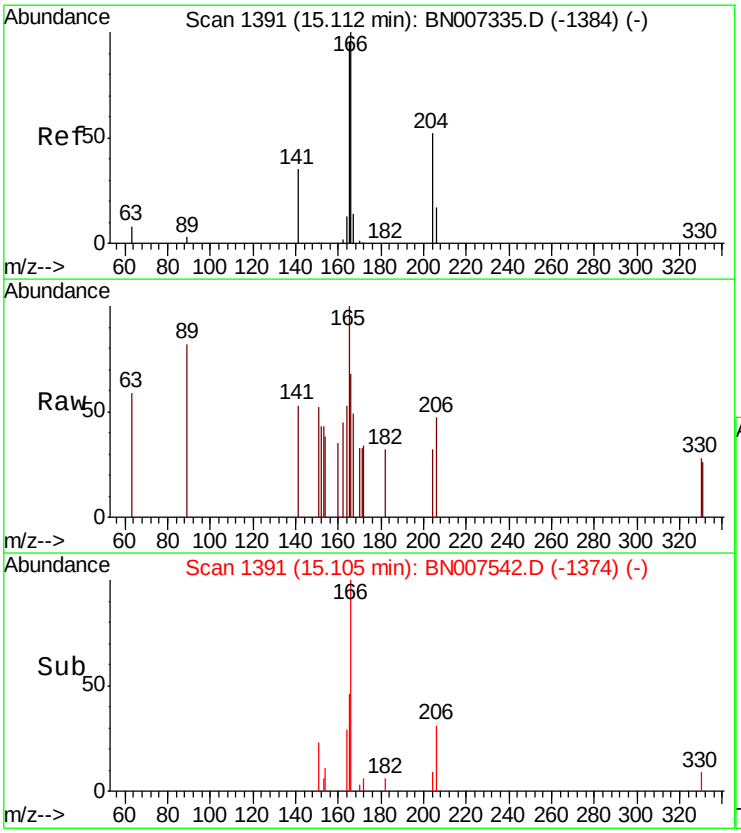
#17
Acenaphthene
Concen: 0.077 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 119

Ion	Ratio	Lower	Upper
154	100		
153	101.7	92.8	139.2
152	58.0	43.8	65.8

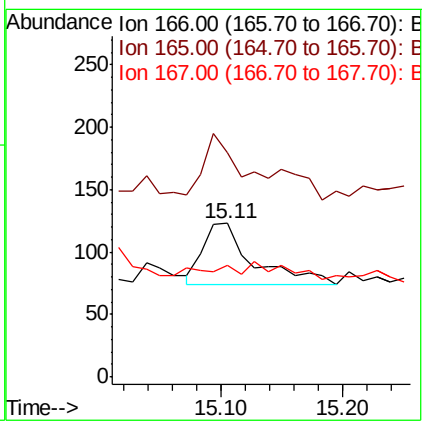


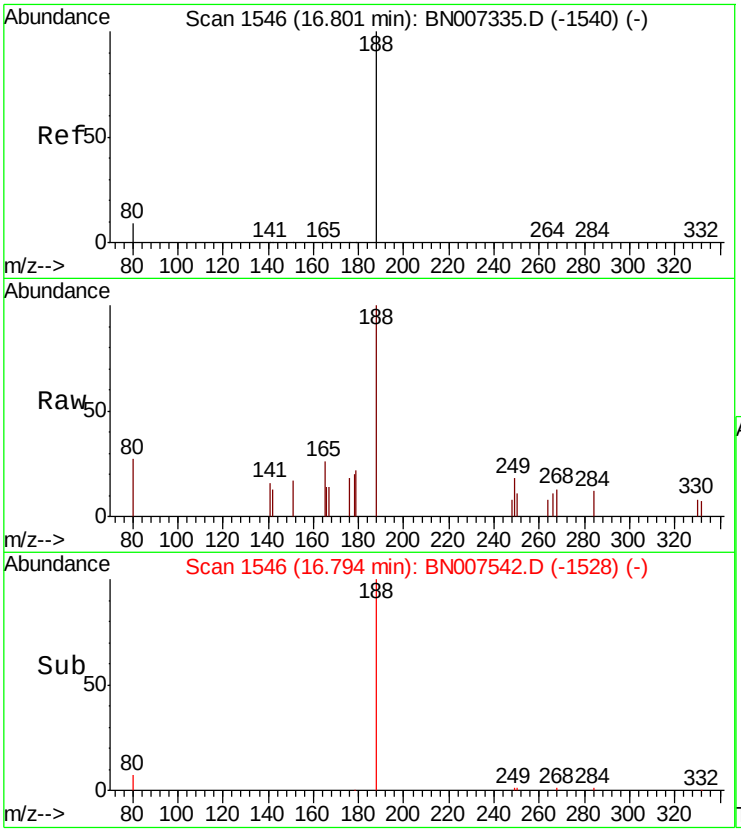


#18
Fluorene
Concen: 0.071 ng
RT: 15.11 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:166 Resp: 140

Ion	Ratio	Lower	Upper
166	100		
165	68.6	79.0	118.4#
167	6.4	10.6	15.8#



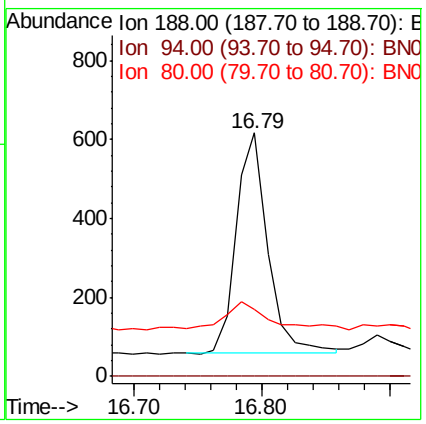


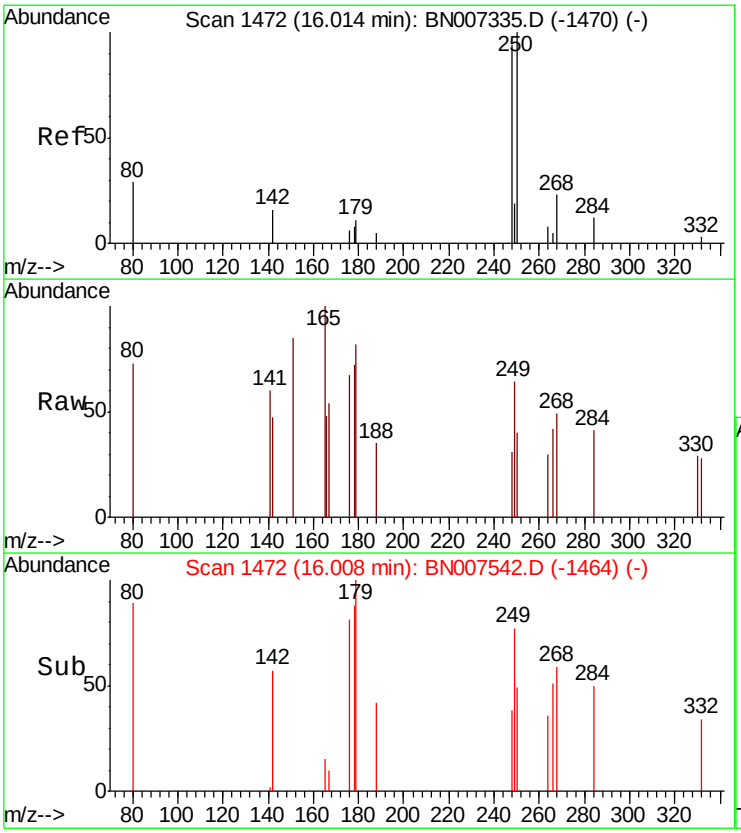
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 961

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	27.2	11.8	17.8#

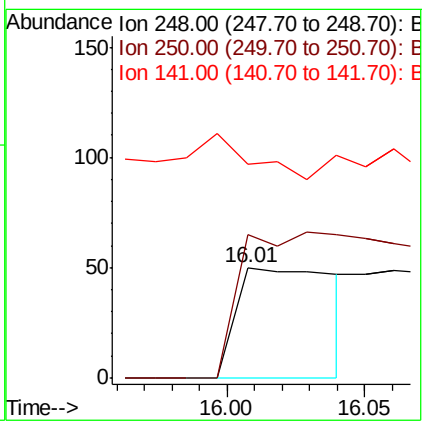


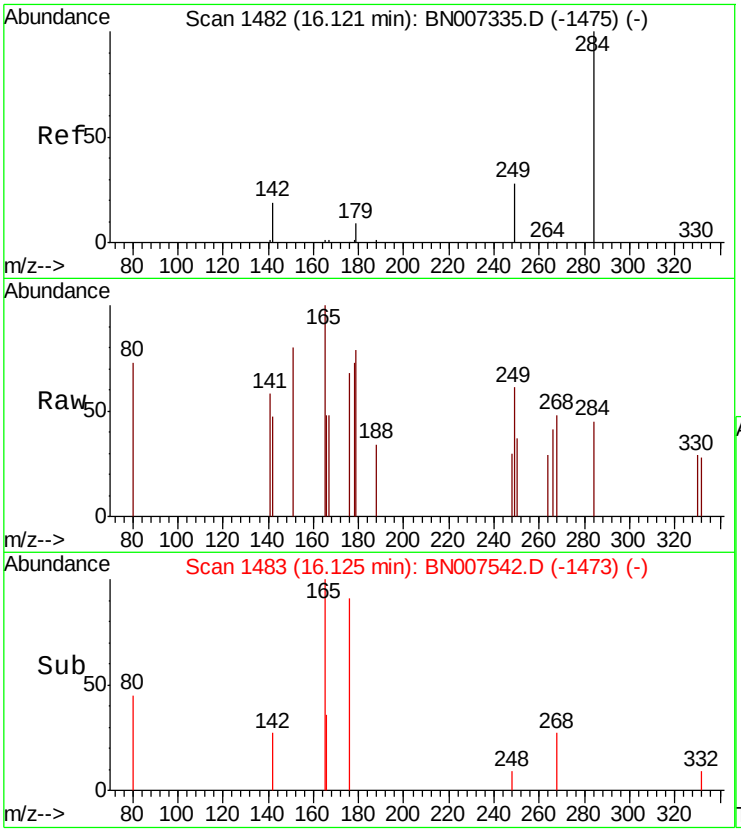


#20
4-Bromophenyl-phenylether
Concen: 0.330 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:248 Resp: 125

Ion	Ratio	Lower	Upper
248	100		
250	130.0	85.0	127.6#
141	194.0	51.7	77.5#



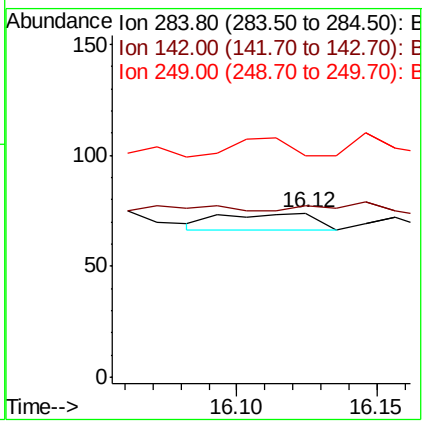


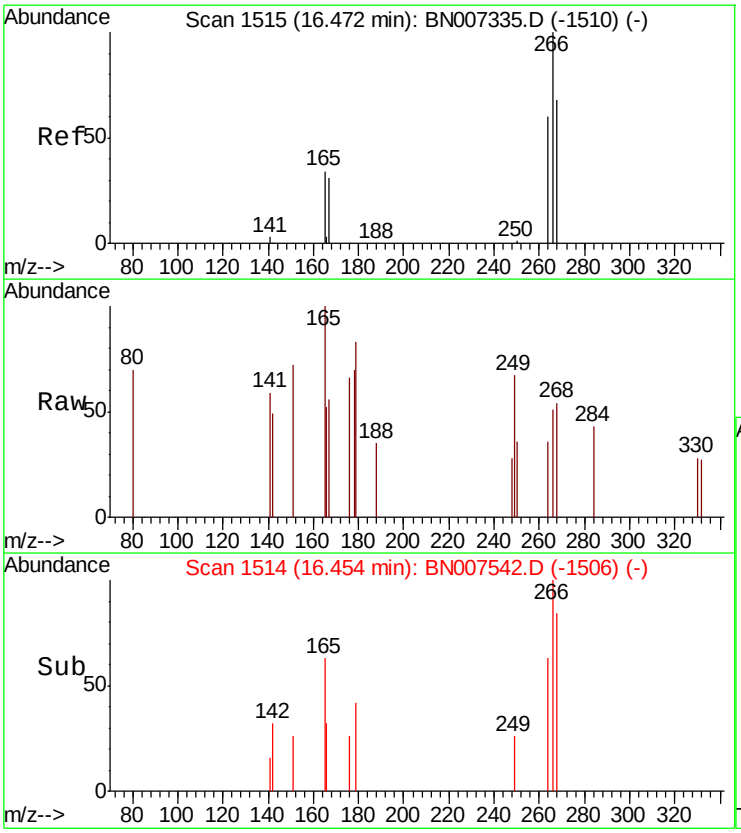
#21
Hexachlorobenzene
Concen: 0.028 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 18

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.0	43.6#
249	72.2	24.9	37.3#

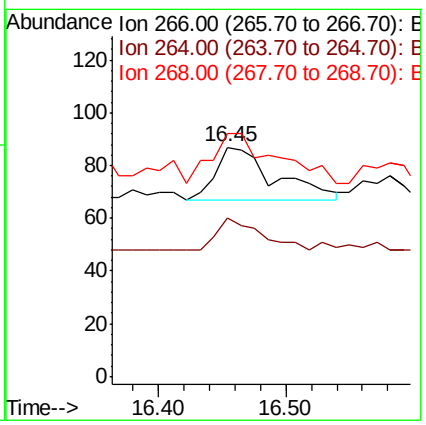


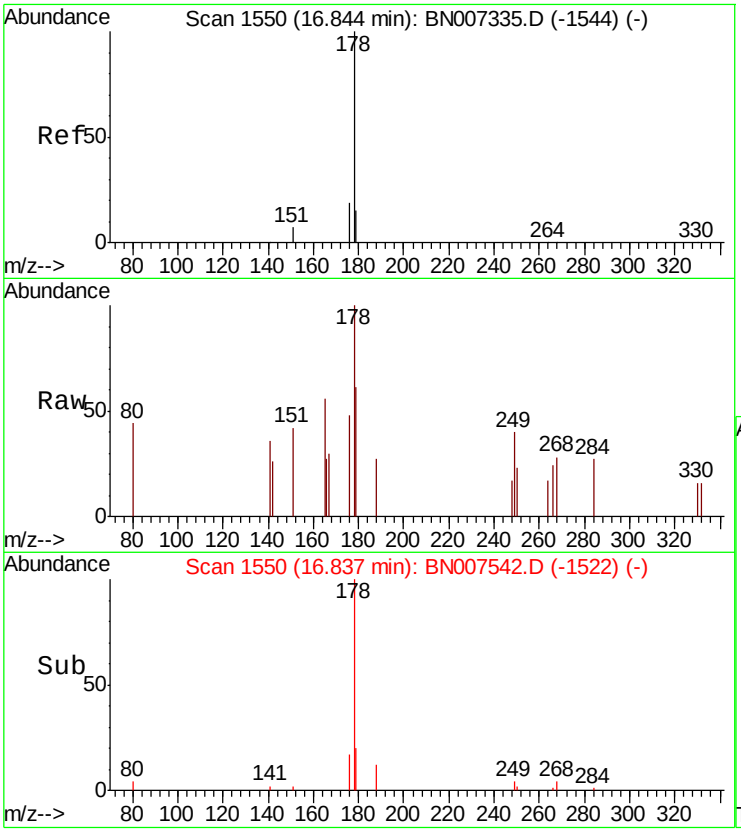


#22
Pentachlorophenol
Concen: 0.320 ng
RT: 16.45 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:266 Resp: 64

Ion	Ratio	Lower	Upper
266	100		
264	69.0	57.8	86.8
268	105.7	99.7	149.5



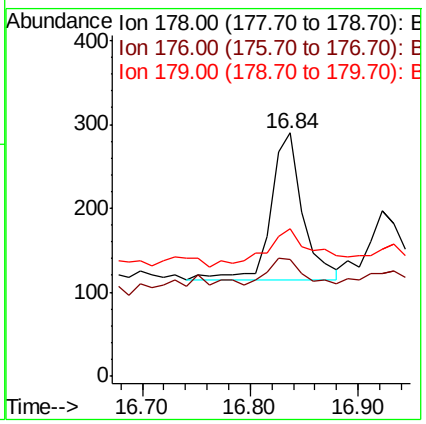


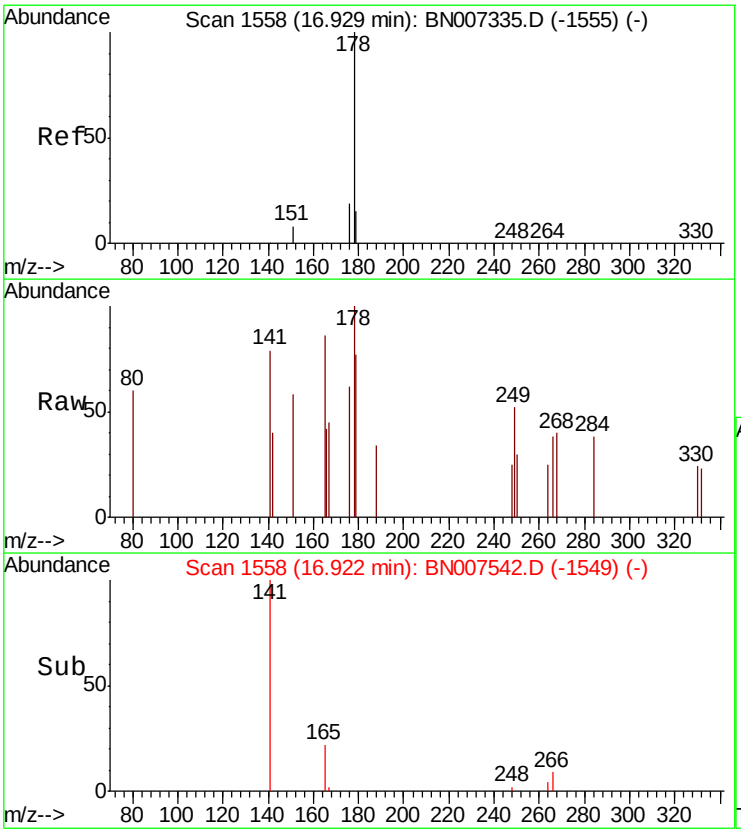
#23
Phenanthrene
Concen: 0.124 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 357

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.3	22.9
179	40.6	12.6	19.0#

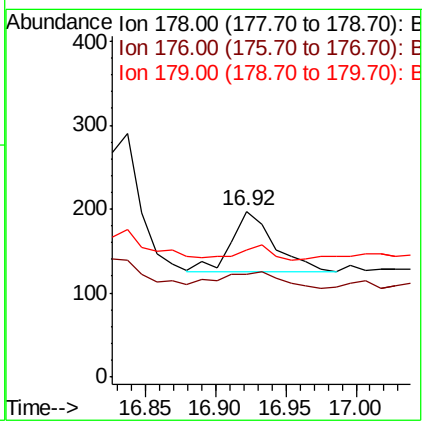


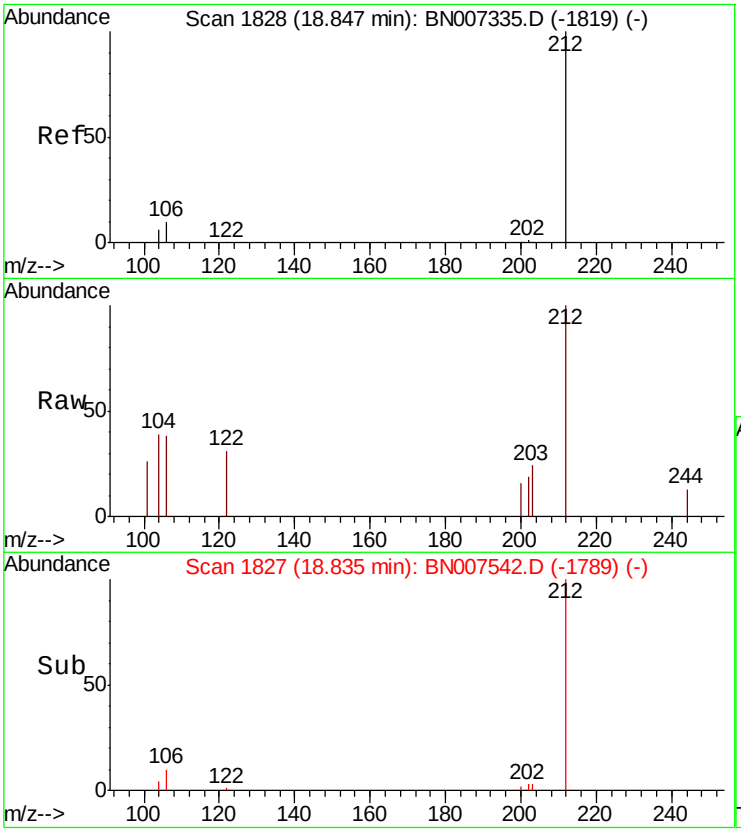


#24
Anthracene
Concen: 0.051 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:178 Resp: 148

Ion	Ratio	Lower	Upper
178	100		
176	38.5	14.9	22.3#
179	19.6	12.4	18.6#



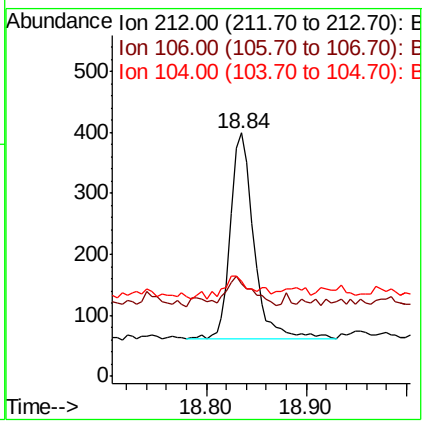


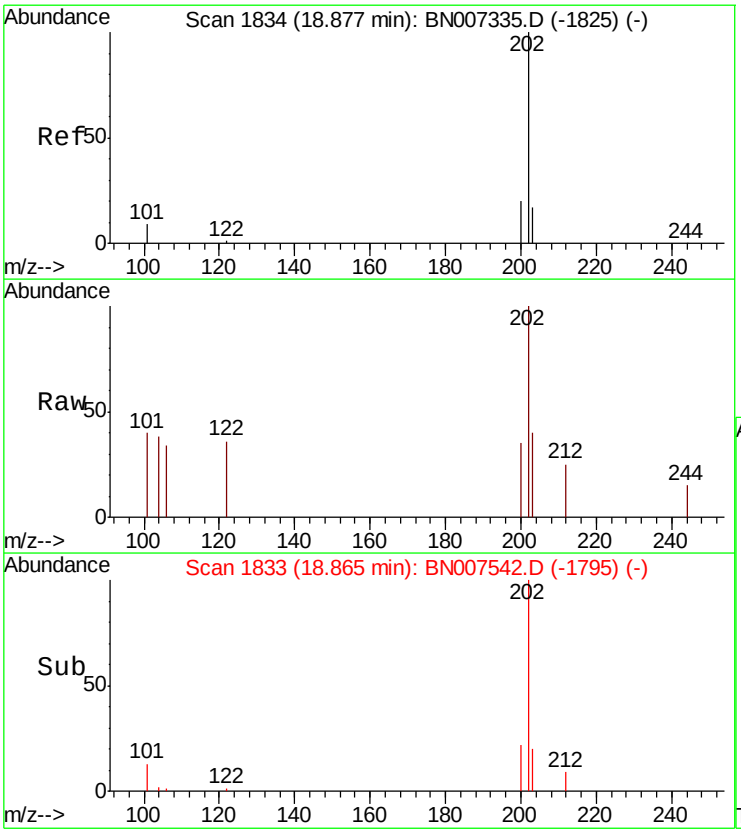
#25
Fluoranthene-d10
Concen: 0.176 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 544

Ion	Ratio	Lower	Upper
212	100		
106	13.8	9.0	13.4#
104	11.4	5.4	8.2#

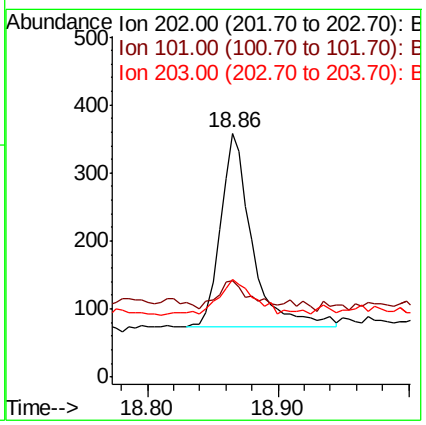


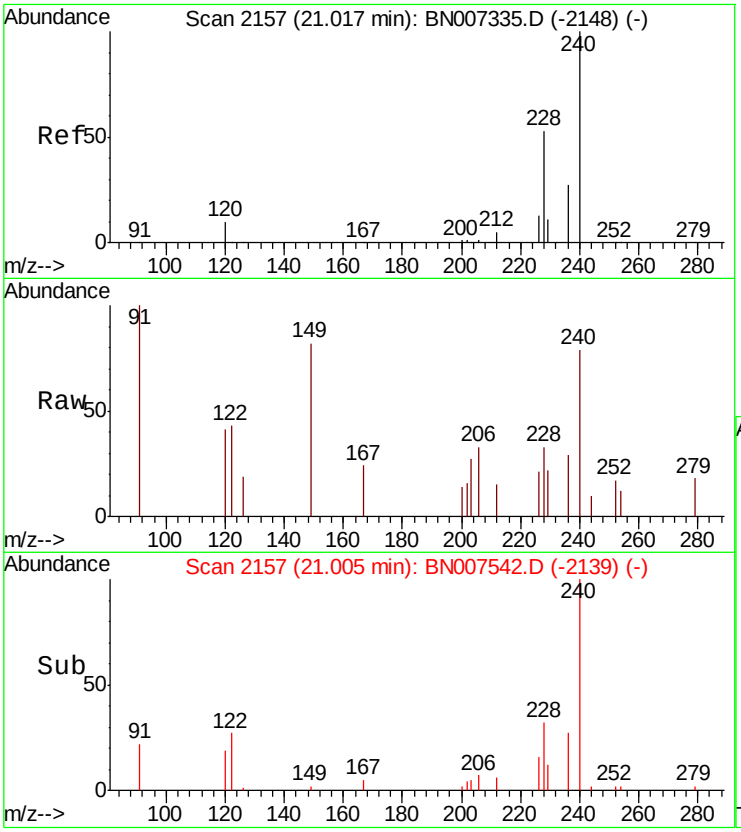


#26
Fluoranthene
Concen: 0.130 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:202 Resp: 481

Ion	Ratio	Lower	Upper
202	100		
101	13.9	7.7	11.5#
203	21.4	13.7	20.5#



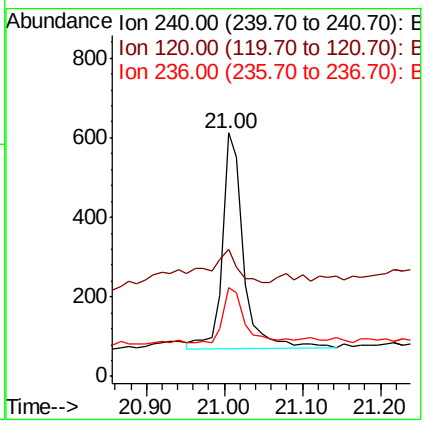


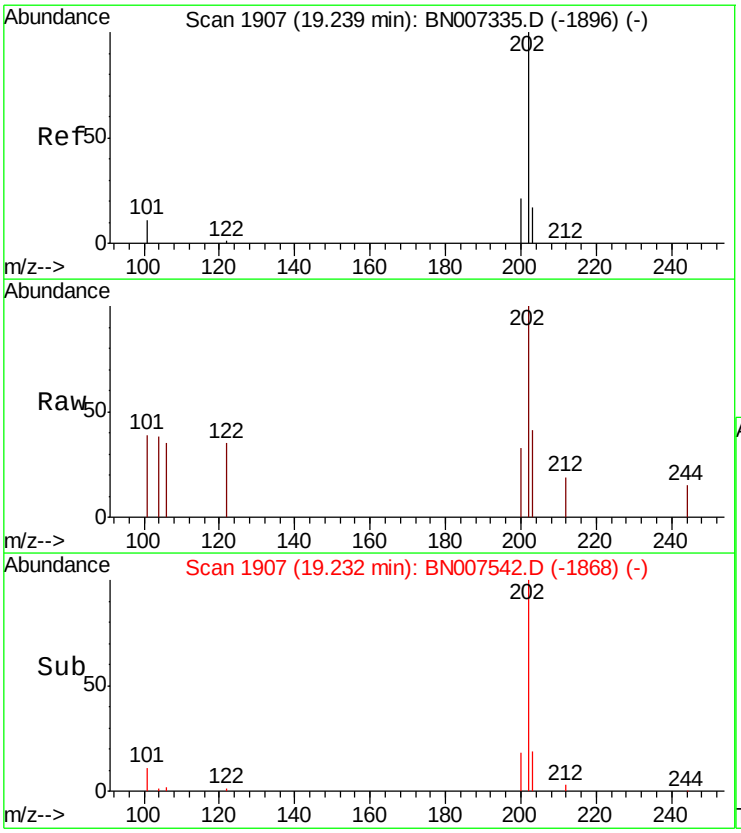
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 1005

Ion	Ratio	Lower	Upper
240	100		
120	52.3	9.6	14.4#
236	36.3	22.2	33.2#

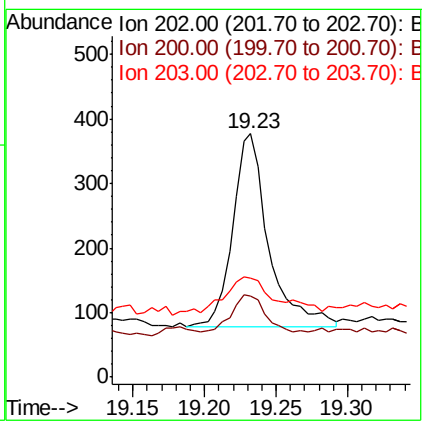


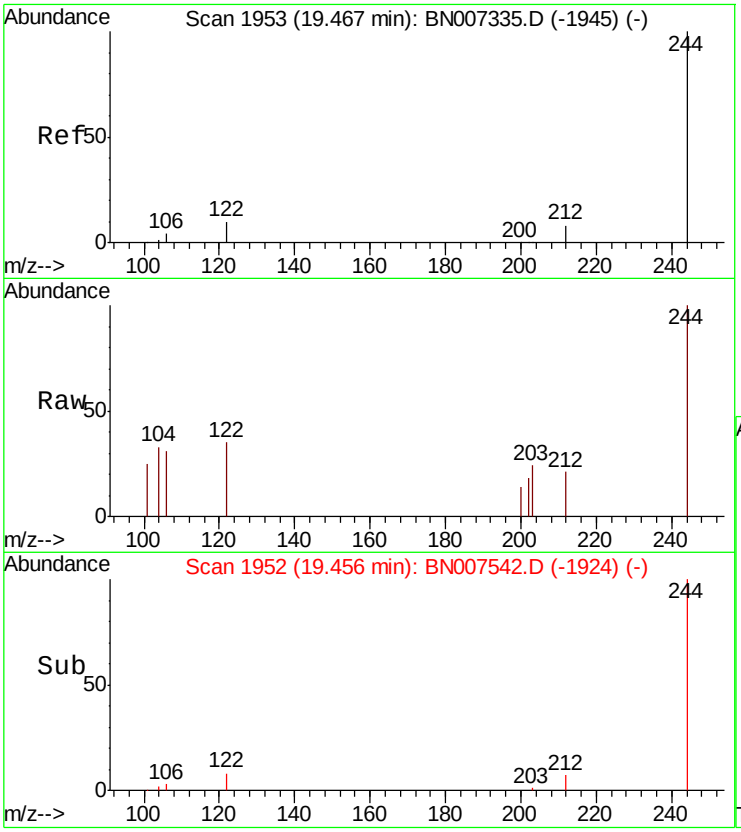


#28
Pyrene
Concen: 0.130 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:202 Resp: 524

Ion	Ratio	Lower	Upper
202	100		
200	18.7	16.6	25.0
203	30.0	14.2	21.4#



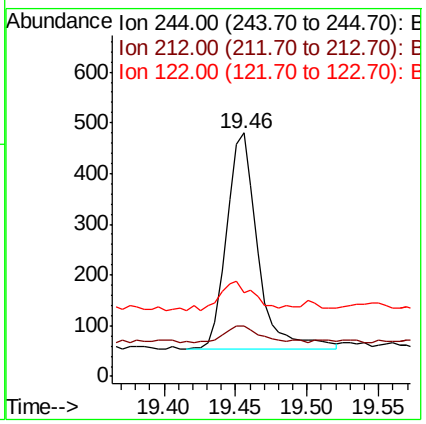


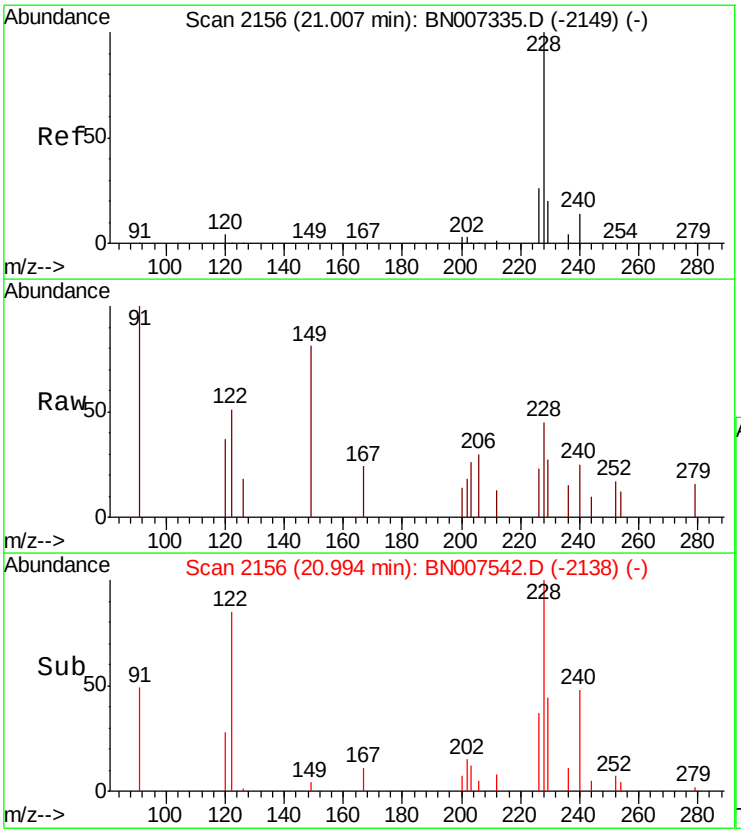
#29
Terphenyl-d14
Concen: 0.246 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 647

Ion	Ratio	Lower	Upper
244	100		
212	20.6	7.0	10.6#
122	34.6	9.6	14.4#

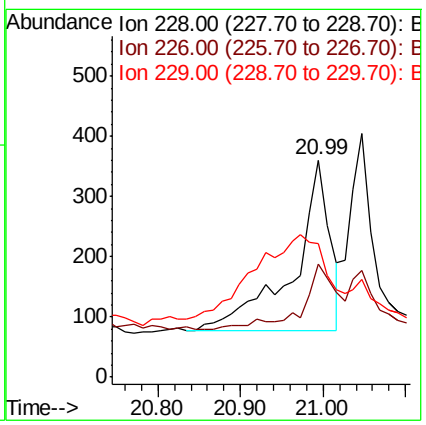


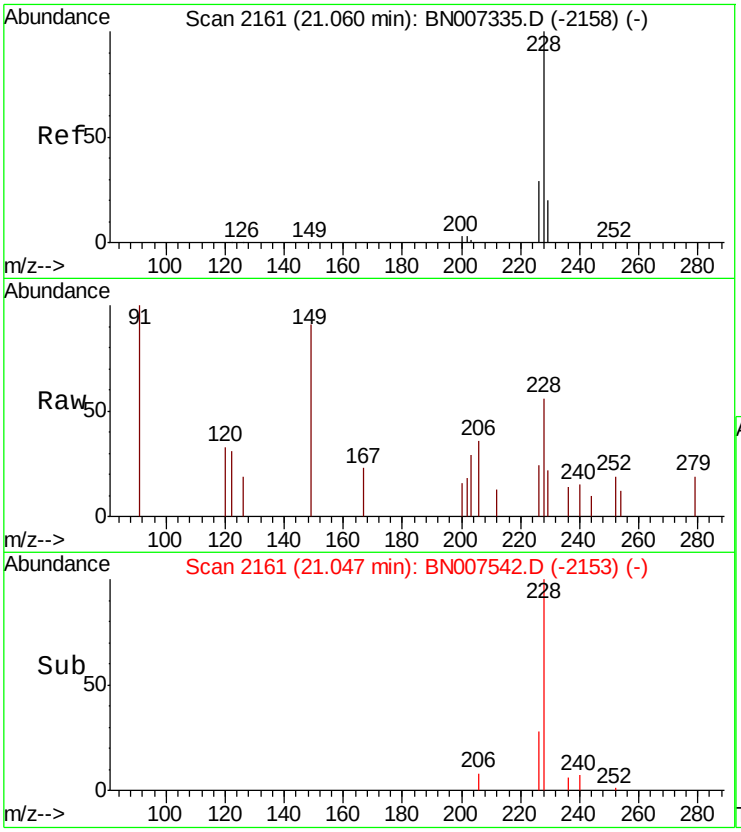


#30
Benzo(a)anthracene
Concen: 0.220 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:228 Resp: 868

Ion	Ratio	Lower	Upper
228	100		
226	51.9	21.3	31.9#
229	61.4	16.1	24.1#



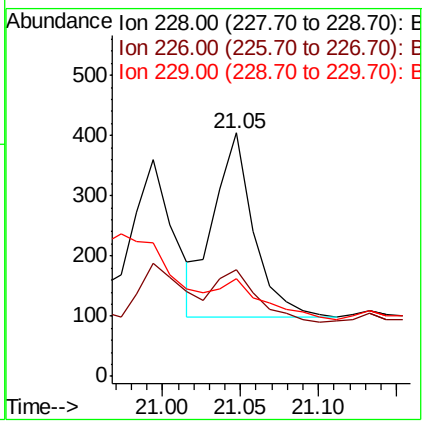


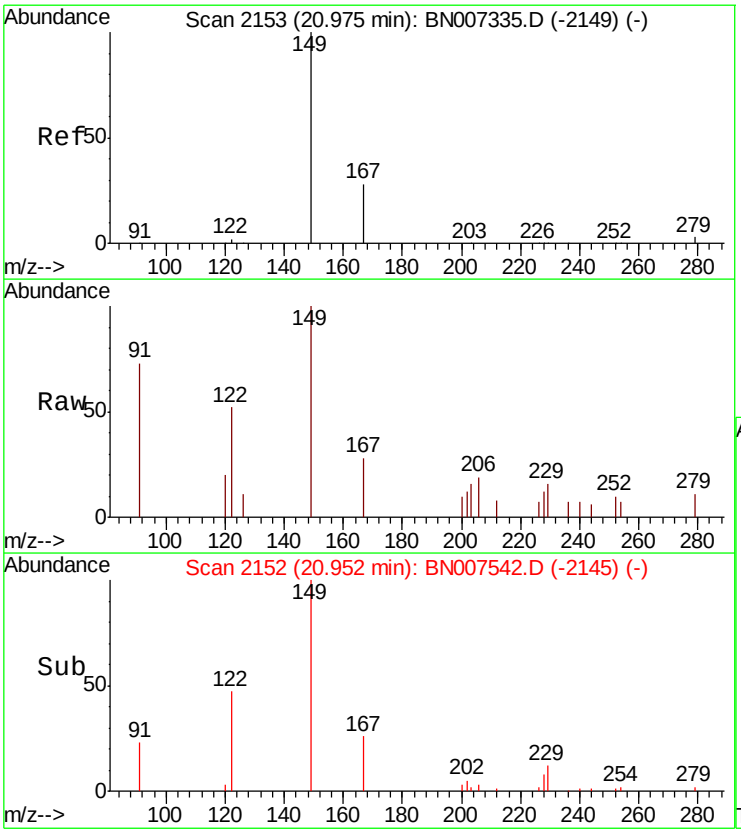
#31
Chrysene
Concen: 0.142 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 540

Ion	Ratio	Lower	Upper
228	100		
226	43.8	23.5	35.3#
229	40.3	16.6	24.8#

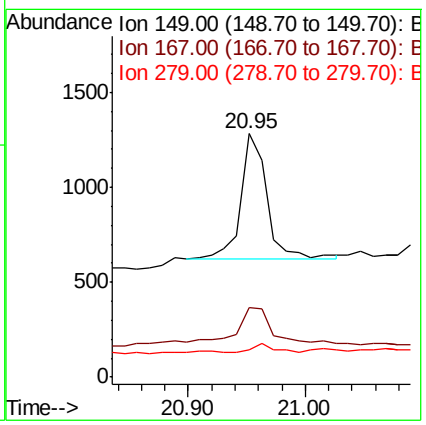


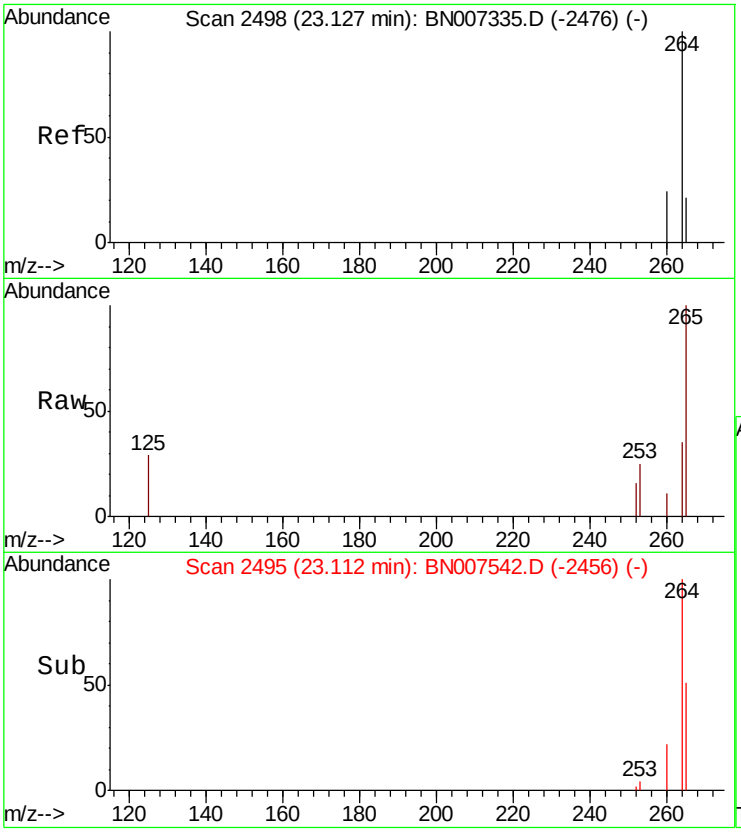


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.378 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:149 Resp: 1014

Ion	Ratio	Lower	Upper
149	100		
167	43.8	22.8	34.2#
279	5.6	3.5	5.3#



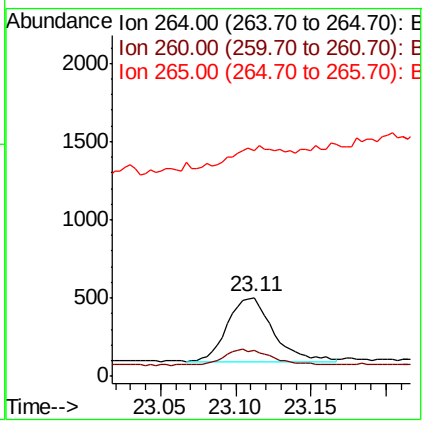


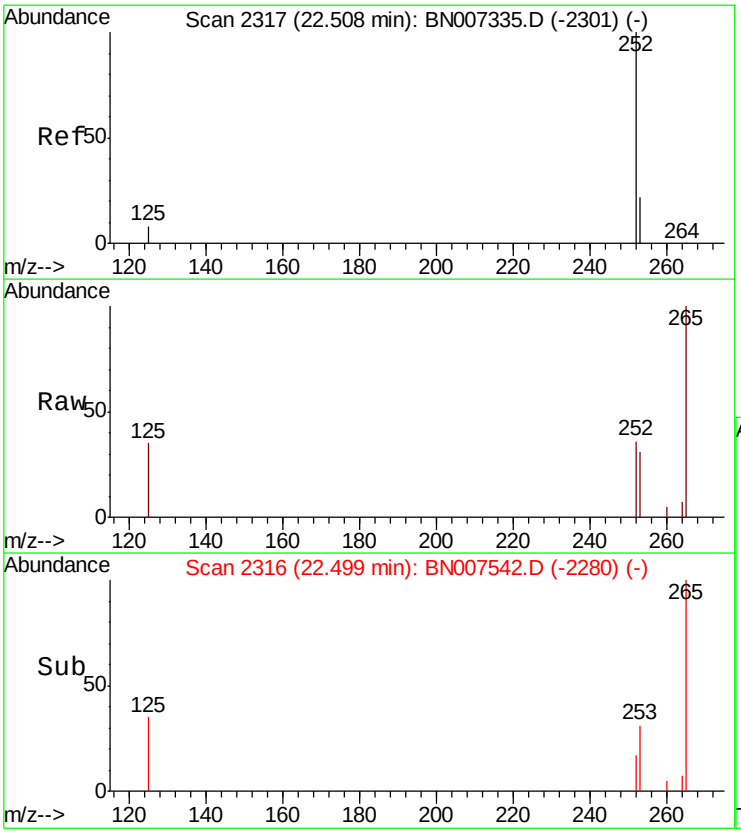
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 839

Ion	Ratio	Lower	Upper
264	100		
260	32.9	19.7	29.5#
265	286.9	29.9	44.9#

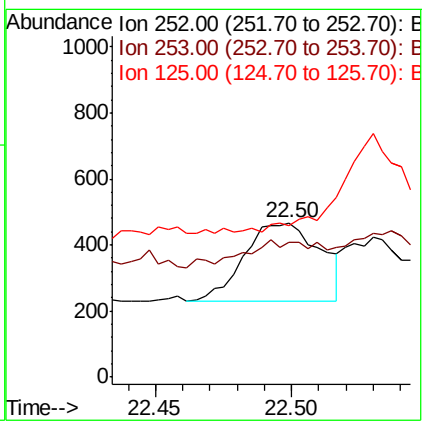


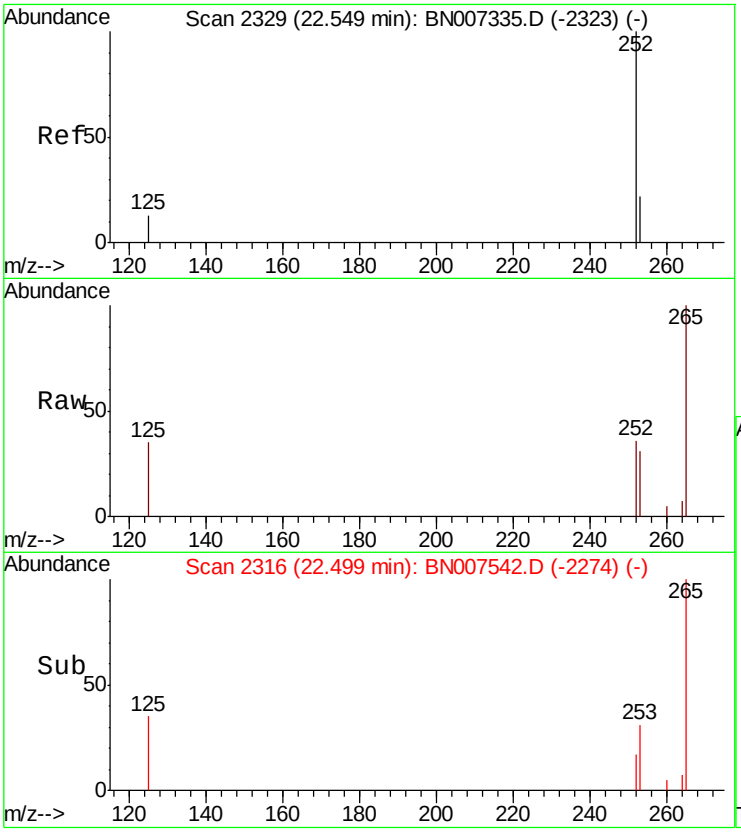


#35
Benzo(b)fluoranthene
Concen: 0.151 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:252 Resp: 458

Ion	Ratio	Lower	Upper
252	100		
253	87.2	19.2	28.8#
125	98.3	10.6	16.0#



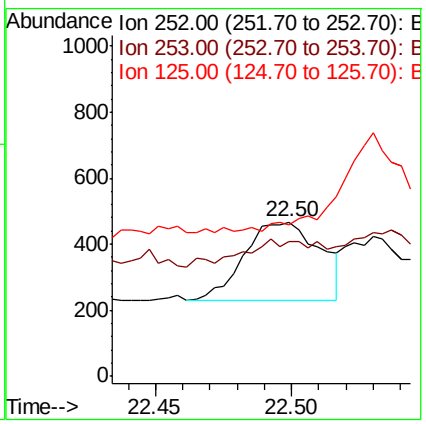


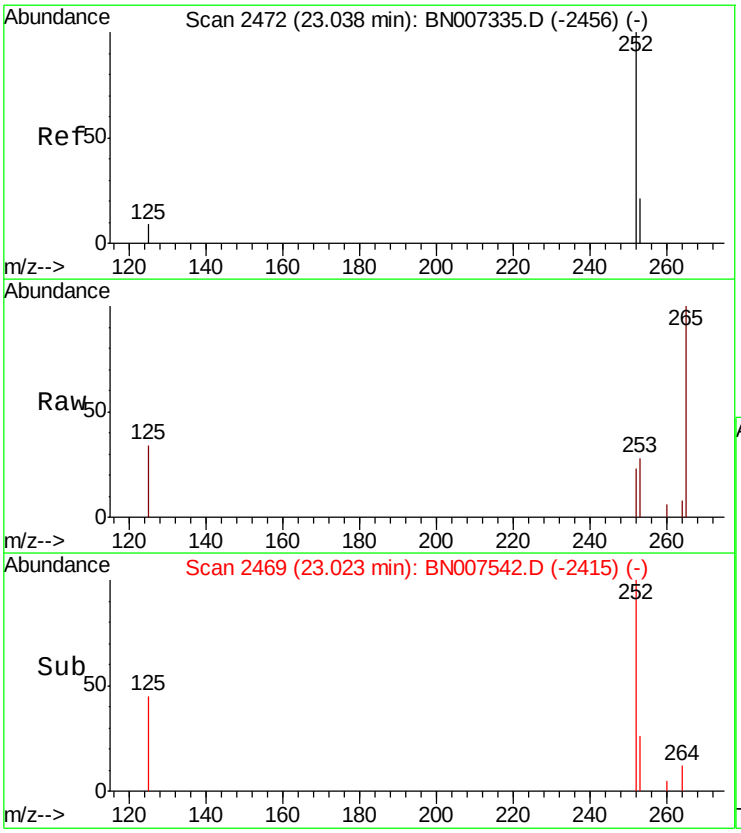
#36
Benzo(k)fluoranthene
Concen: 0.152 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.05 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 458

Ion	Ratio	Lower	Upper
252	100		
253	87.2	19.4	29.2#
125	98.3	13.1	19.7#

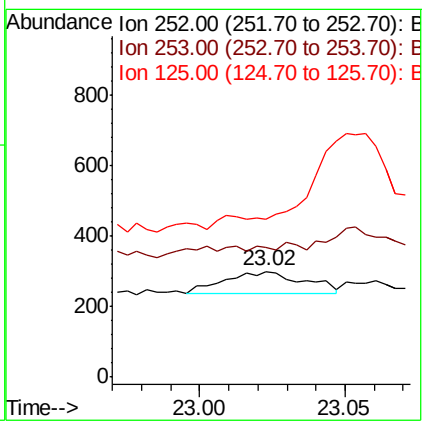


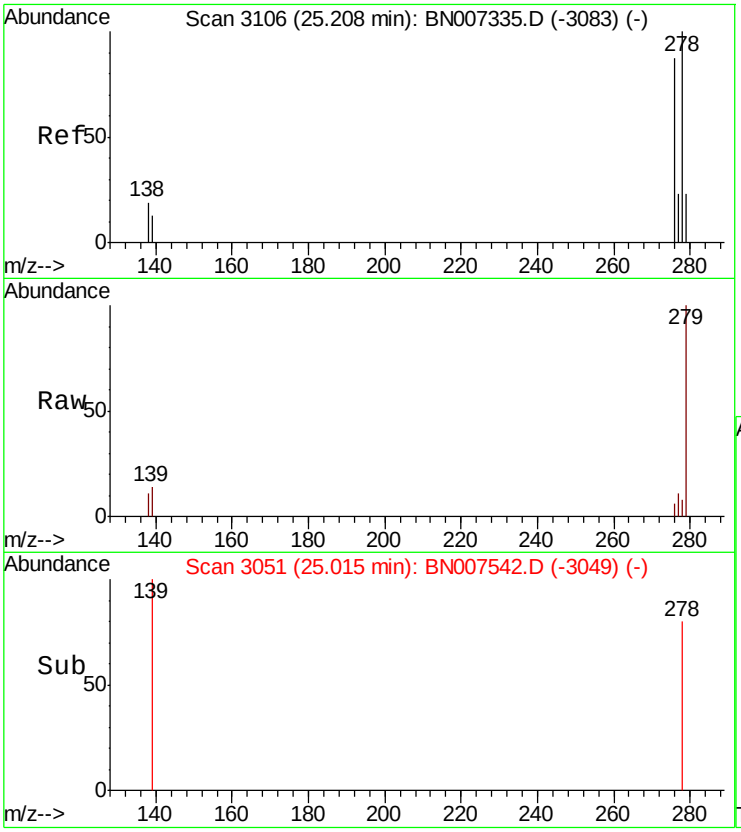


#37
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.02 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:252 Resp: 124

Ion	Ratio	Lower	Upper
252	100		
253	122.7	19.5	29.3#
125	149.0	12.1	18.1#



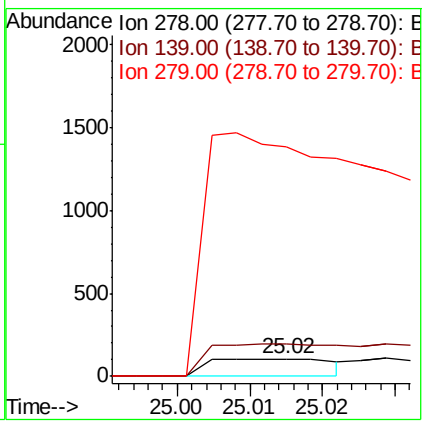


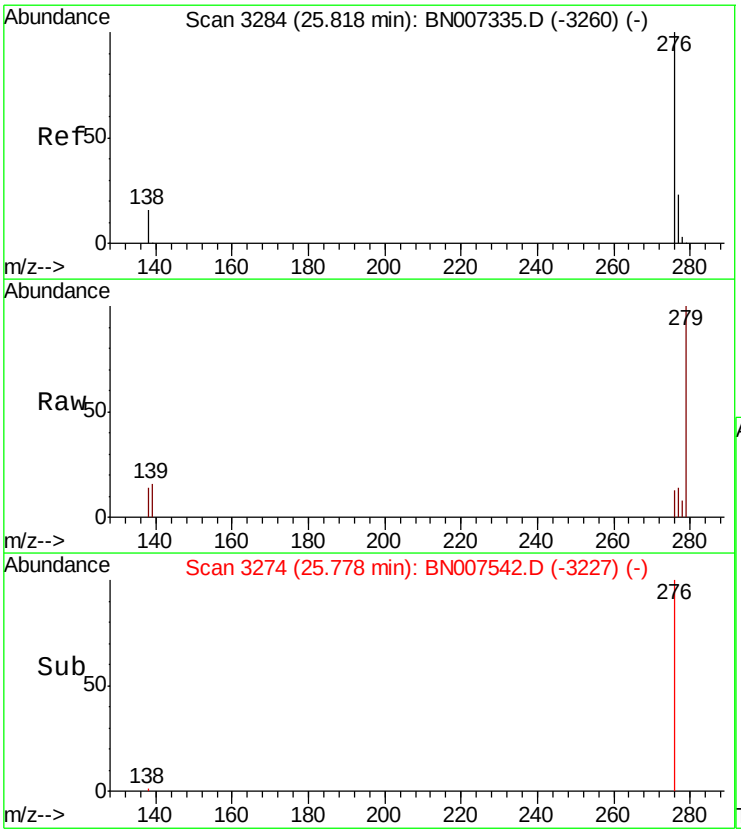
#38
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 25.02 min Scan# 3051
Delta R.T. -0.19 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 124

Ion	Ratio	Lower	Upper
278	100		
139	184.0	13.7	20.5#
279	1304.7	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.041 ng
RT: 25.78 min Scan# 3274
Delta R.T. -0.04 min
Lab File: BN007542.D
Acq: 05 Sep 2019 20:40

Tgt Ion:276 Resp: 118

Ion	Ratio	Lower	Upper
276	100		
277	100.6	19.6	29.4#
138	101.3	16.3	24.5#