Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007566.D
Acq On : 09 Sep 2019 00:37
Operator : HP/JU
Sample : K4754-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 09 04:48:21 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	7.39	152	5844	0.40	ng		-0.02
7) Naphthalene-d8	10.14	136	23884	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	12236	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	25608	0.40	ng		-0.01
27) Chrysene-d12	21.01	240	23707	0.40	ng		-0.01
34) Perylene-d12	23.10	264	26831	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	1996	0.08	ng		-0.02
5) Phenol-d6	6.58	99	1752	0.04	ng		0.00
8) Nitrobenzene-d5	8.53	82	5188	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	10109	0.25	ng		-0.02
14) 2,4,6-Tribromophenol	15.54	330	1465	0.23	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	14605	0.30	ng		-0.01
25) Fluoranthene-d10	18.83	212	20237	0.25	ng		-0.01
29) Terphenyl-d14	19.45	244	15807	0.25	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.28	42	750	0.166	ng	#	1
9) Naphthalene	10.19	128	5392	0.079	ng	#	94
12) 2-Methylnaphthalene	11.82	142	7015	0.151	ng		98
16) Acenaphthylene	13.75	152	2370	0.033	ng	#	94
17) Acenaphthene	14.10	154	1718	0.041	ng		93
18) Fluorene	15.09	166	4200	0.078	ng		99
23) Phenanthrene	16.82	178	27322	0.355	ng		99
24) Anthracene	16.92	178	2437	0.031	ng	#	94
26) Fluoranthene	18.86	202	12690	0.128	ng	#	97
28) Pyrene	19.22	202	13003	0.136	ng		96
30) Benzo(a)anthracene	20.99	228	5928	0.064	ng	#	76
31) Chrysene	21.04	228	4648	0.052	ng	#	89
32) Bis(2-ethylhexyl)phthalate	20.95	149	14986	0.230	ng		92
33) Indeno(1,2,3-cd)pyrene	25.16	276	2209	0.020	ng	#	80
35) Benzo(b)fluoranthene	22.49	252	3610	0.037	ng	#	1
36) Benzo(k)fluoranthene	22.52	252	3512	0.037	ng	#	1
37) Benzo(a)pyrene	23.01	252	2468	0.027	ng	#	1
39) Benzo(g,h,i)perylene	25.78	276	2341	0.025	ng	#	56

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

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QLast Update : Thu Aug 29 12:18:45 2019
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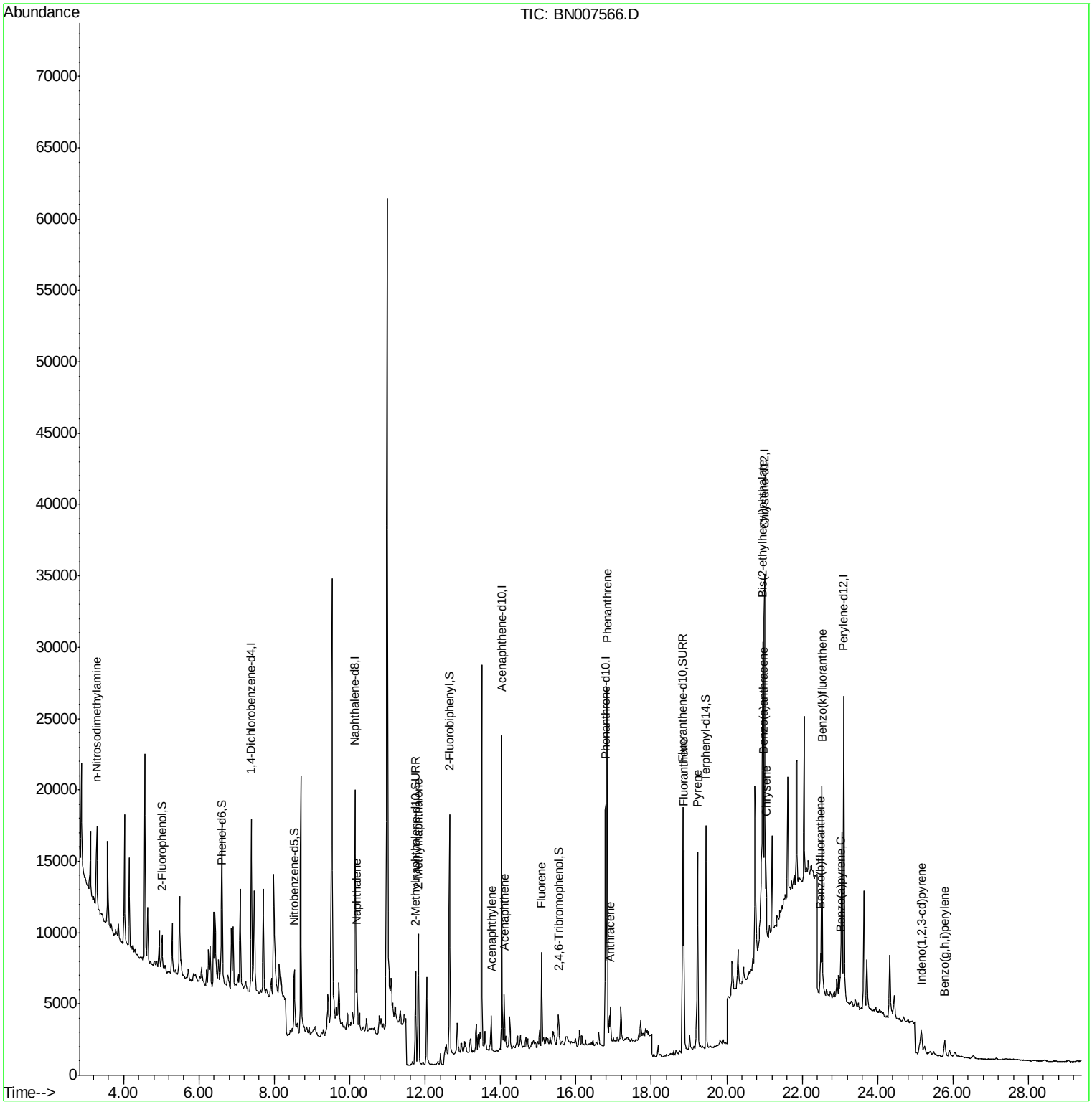
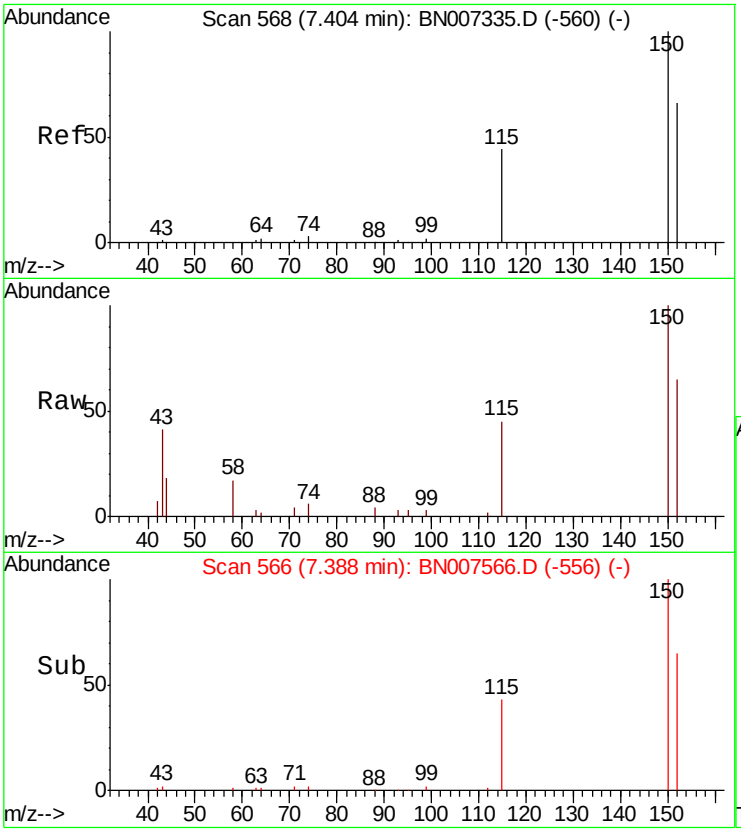


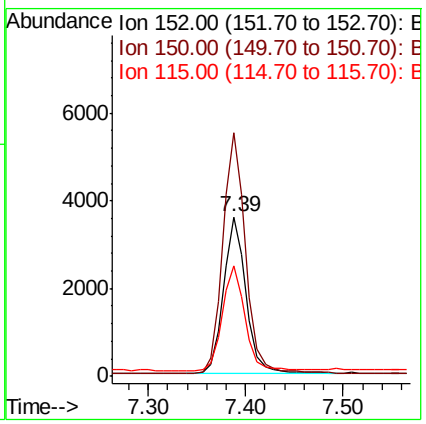


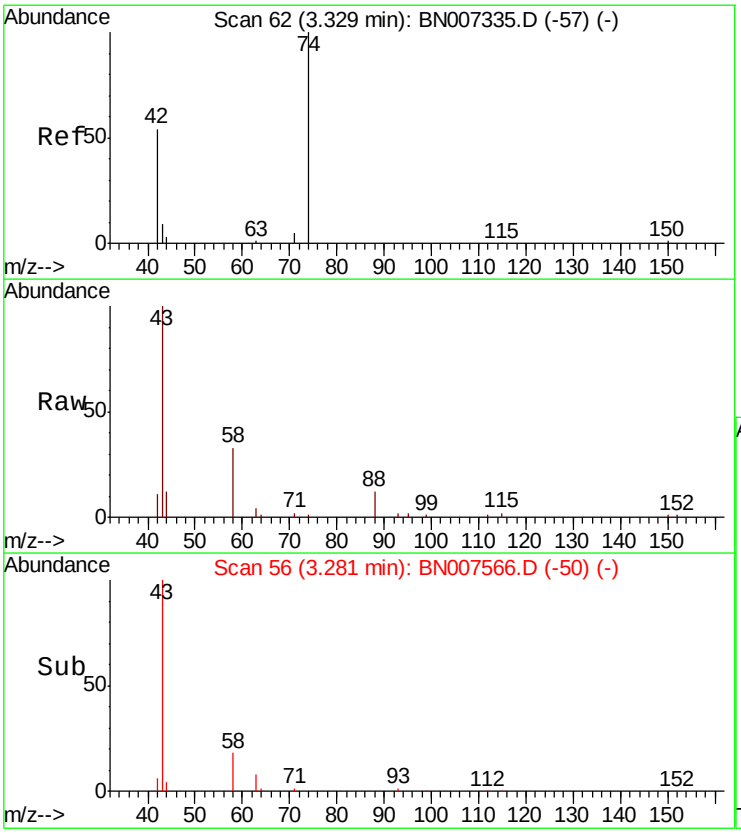
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5844

Ion	Ratio	Lower	Upper
152	100		
150	153.0	109.1	163.7
115	69.5	59.6	89.4

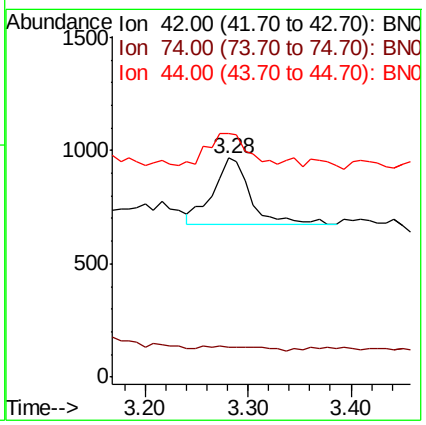


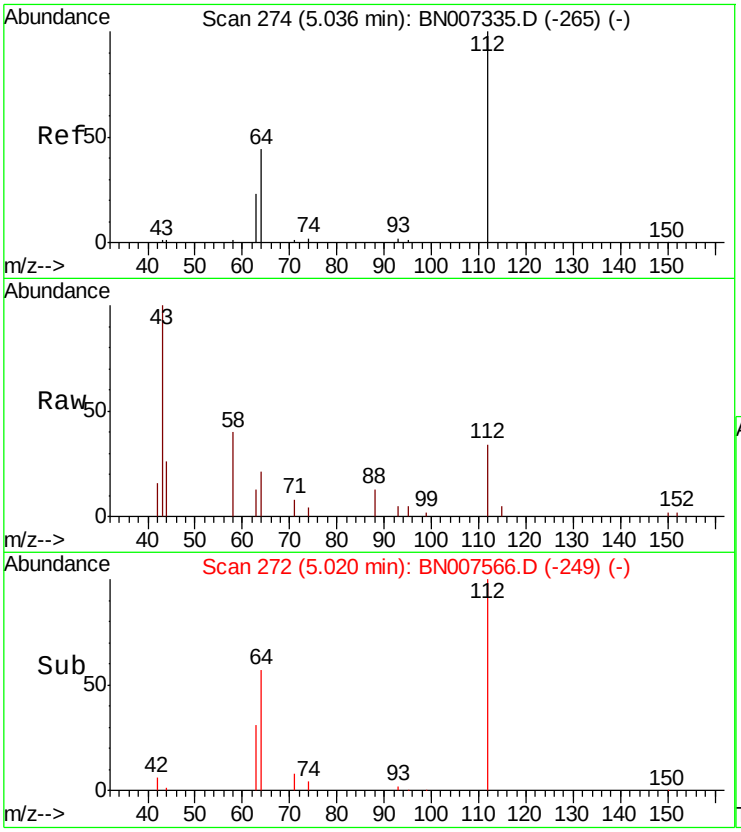


#3
n-Nitrosodimethylamine
Concen: 0.166 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.05 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion: 42 Resp: 750

Ion	Ratio	Lower	Upper
42	100		
74	3.2	144.7	217.1#
44	45.5	3.2	4.8#



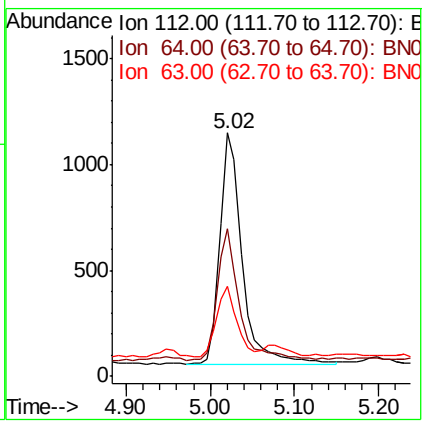


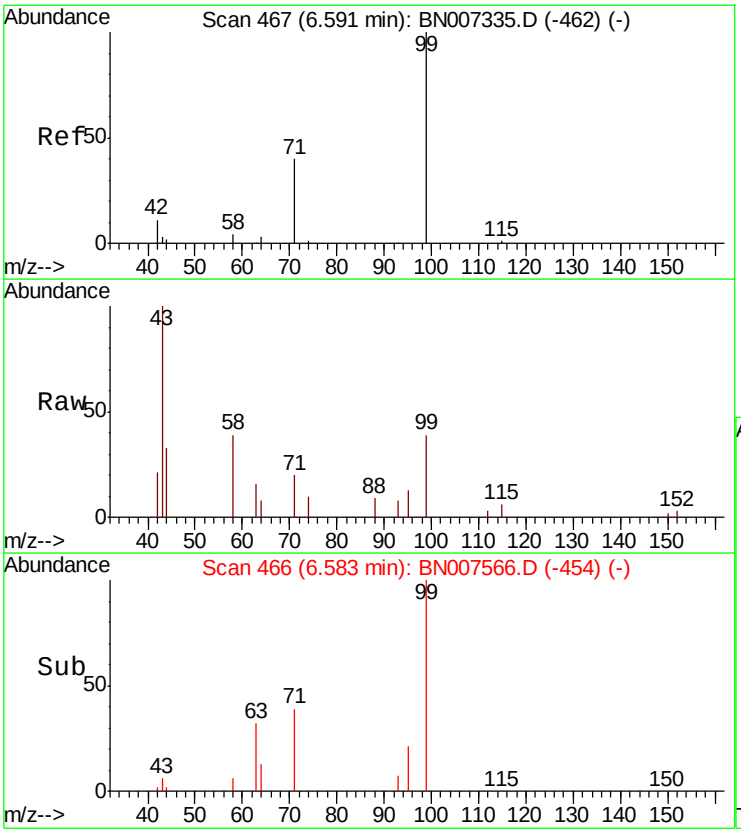
#4
2-Fluorophenol
Concen: 0.076 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1996

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.3	63.5
63	27.2	23.6	35.4

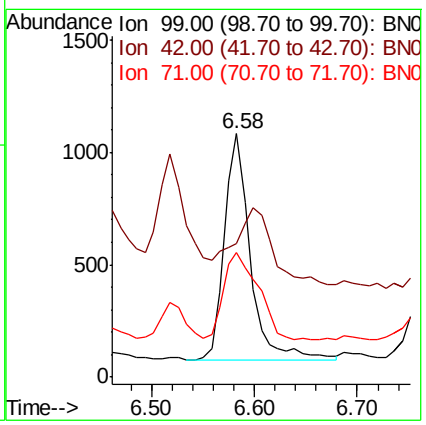


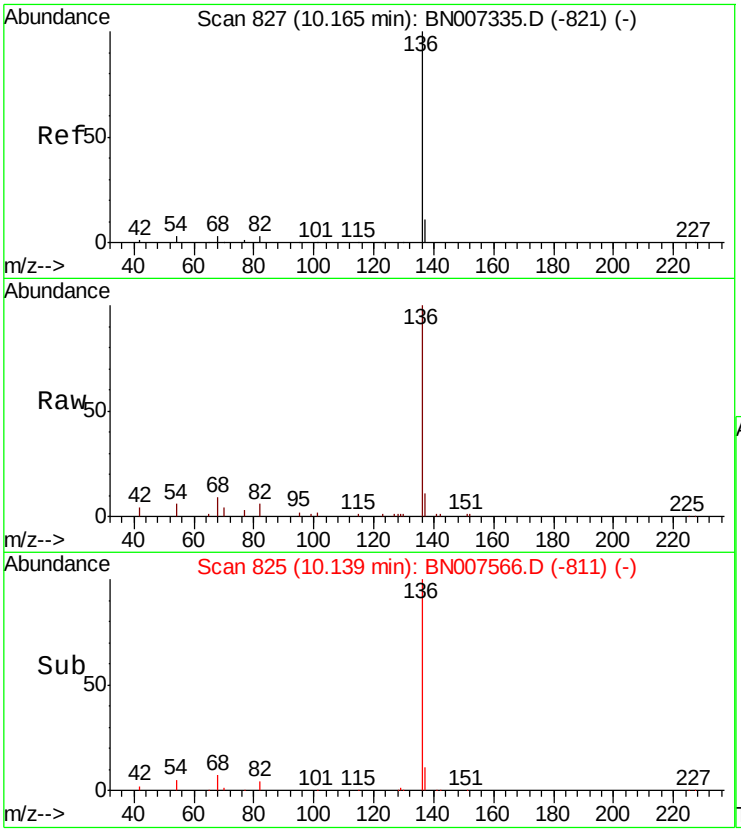


#5
Phenol-d6
Concen: 0.041 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion: 99 Resp: 1752

Ion	Ratio	Lower	Upper
99	100		
42	52.1	11.2	16.8#
71	51.8	31.8	47.8#



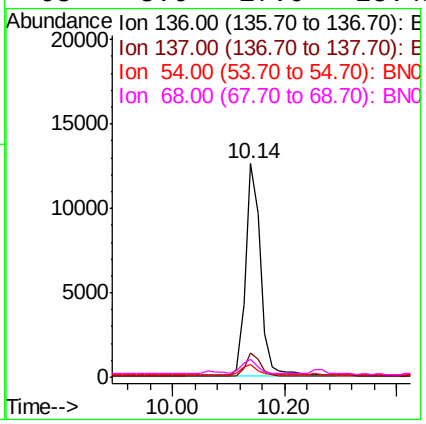


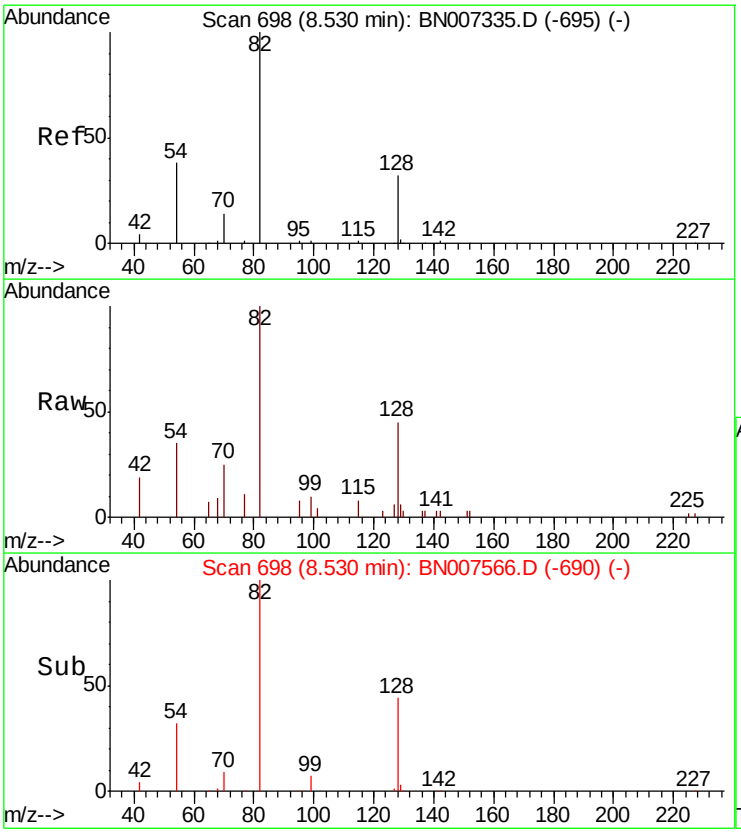
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.03 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 23884

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	6.2	8.6	12.8#
68	8.6	17.0	25.4#

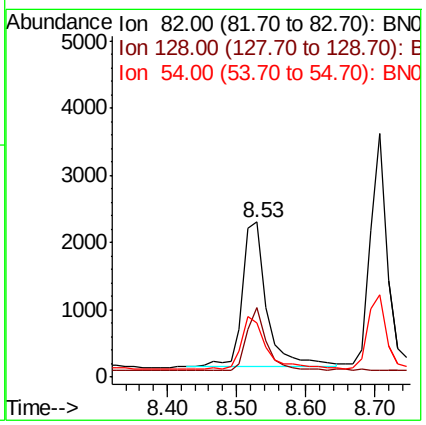


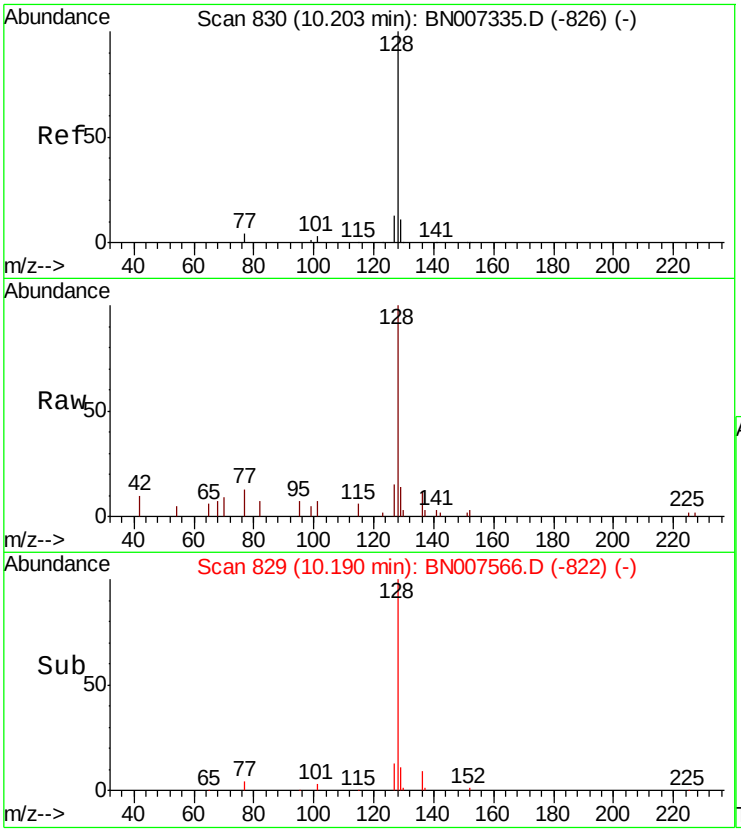


#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion: 82 Resp: 5188

Ion	Ratio	Lower	Upper
82	100		
128	45.0	19.7	29.5#
54	35.2	25.8	38.6



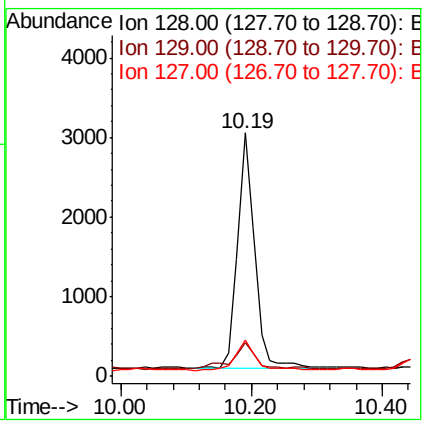


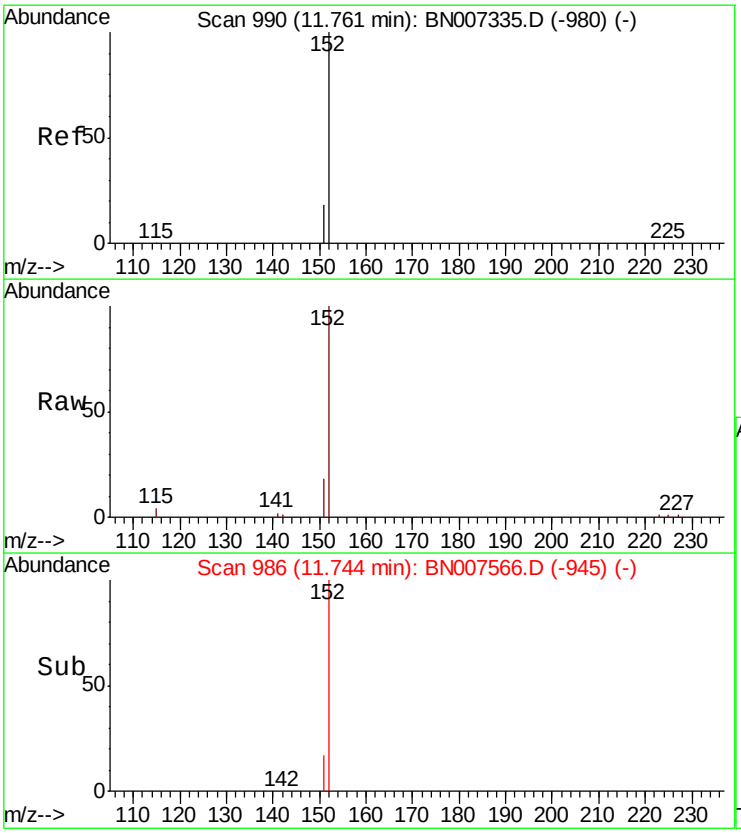
#9
Naphthalene
Concen: 0.079 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5392

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.1	16.7
127	15.1	15.5	23.3#

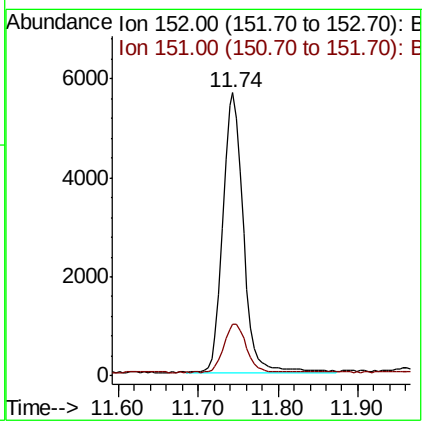


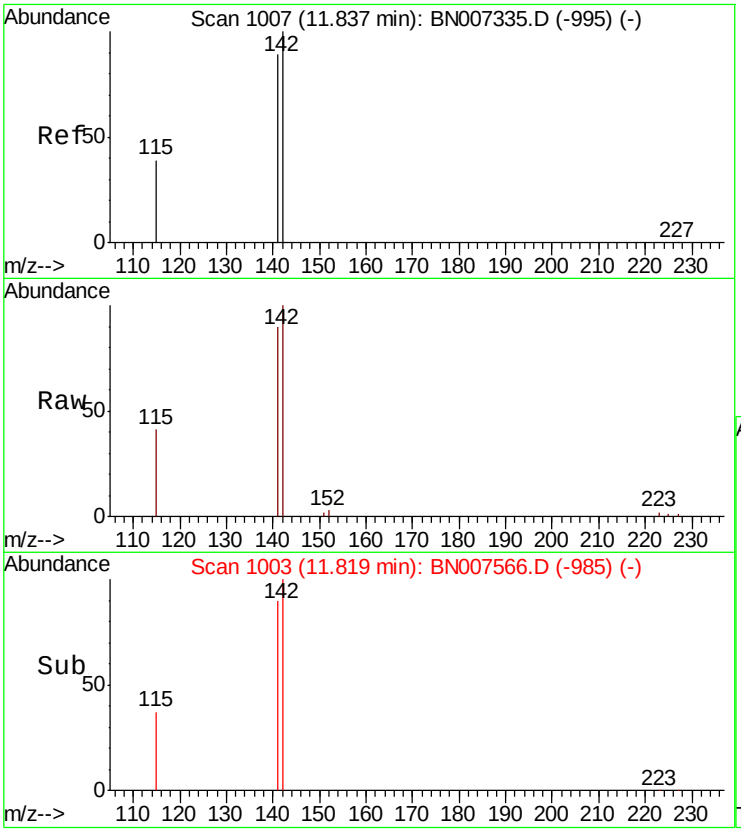


#11
2-Methylnaphthalene-d10
Concen: 0.255 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:152 Resp: 10109

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.2



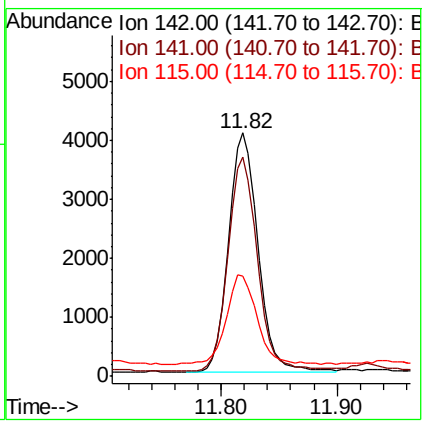


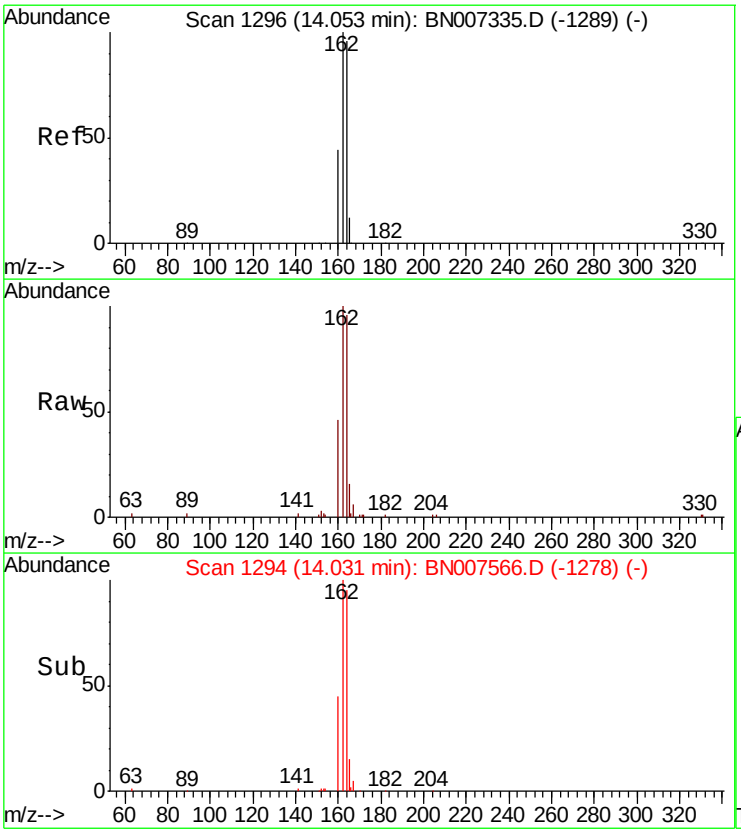
#12
2-Methylnaphthalene
Concen: 0.151 ng
RT: 11.82 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 7015

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.8	109.2
115	41.1	35.2	52.8

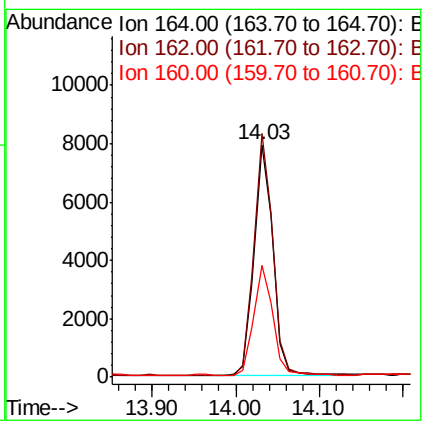


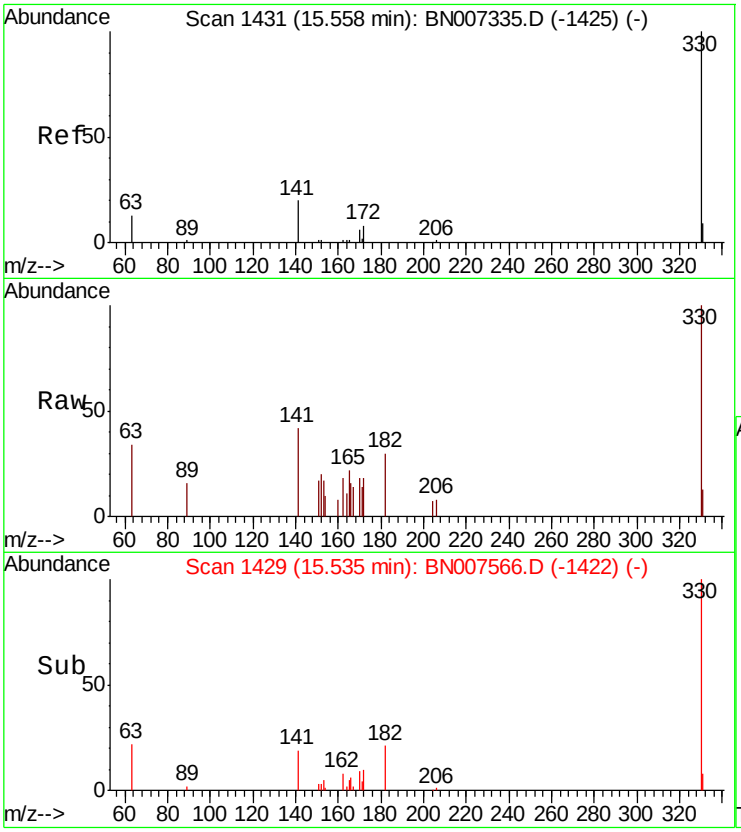


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:164 Resp: 12236

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	47.9	38.2	57.4



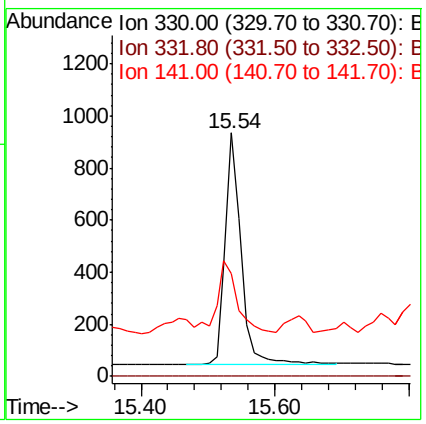


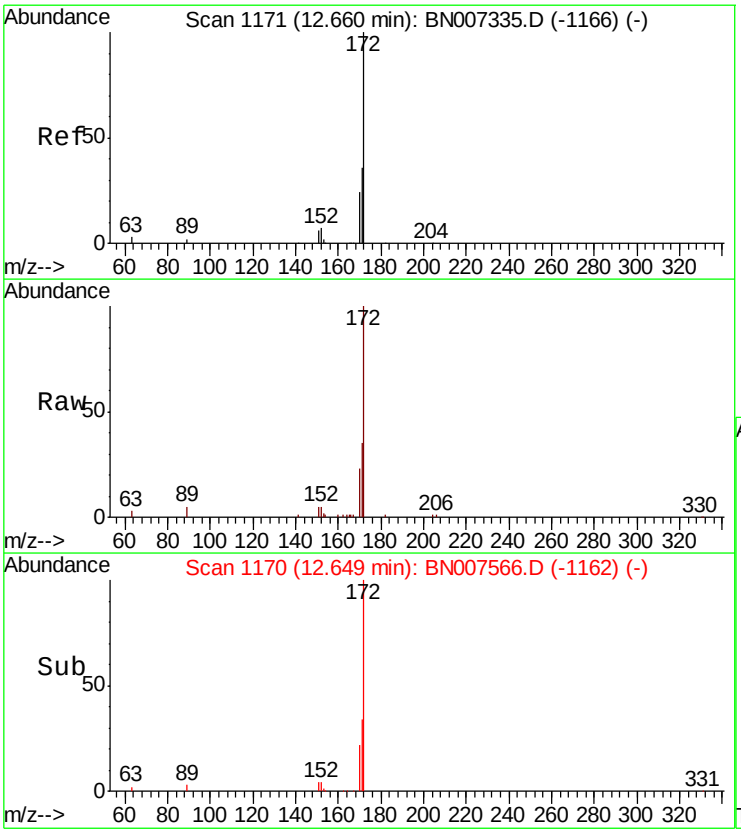
#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.54 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1465

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.3	26.9	40.3

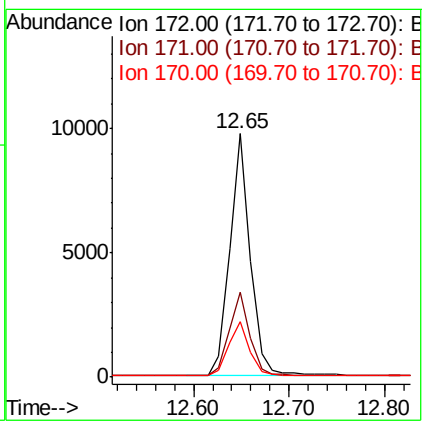


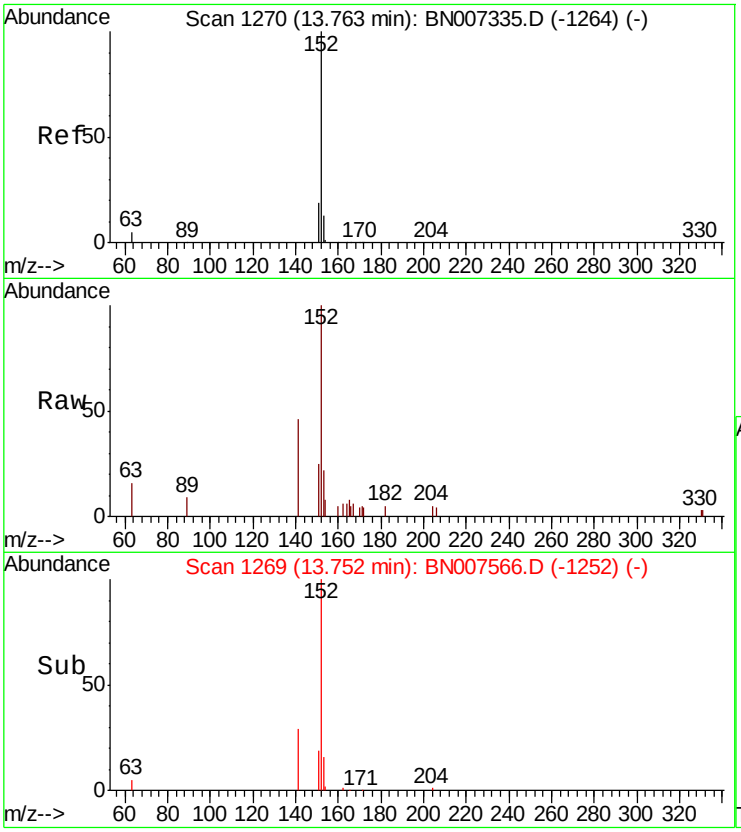


#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:172 Resp: 14605

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.3	45.5
170	22.8	20.7	31.1



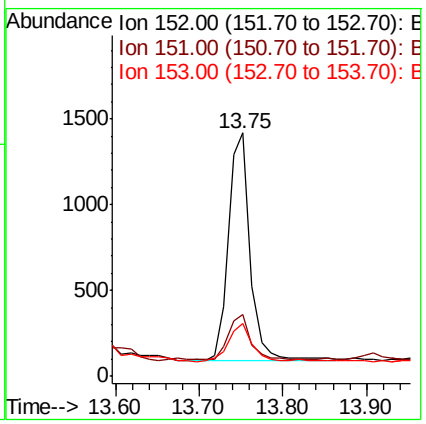


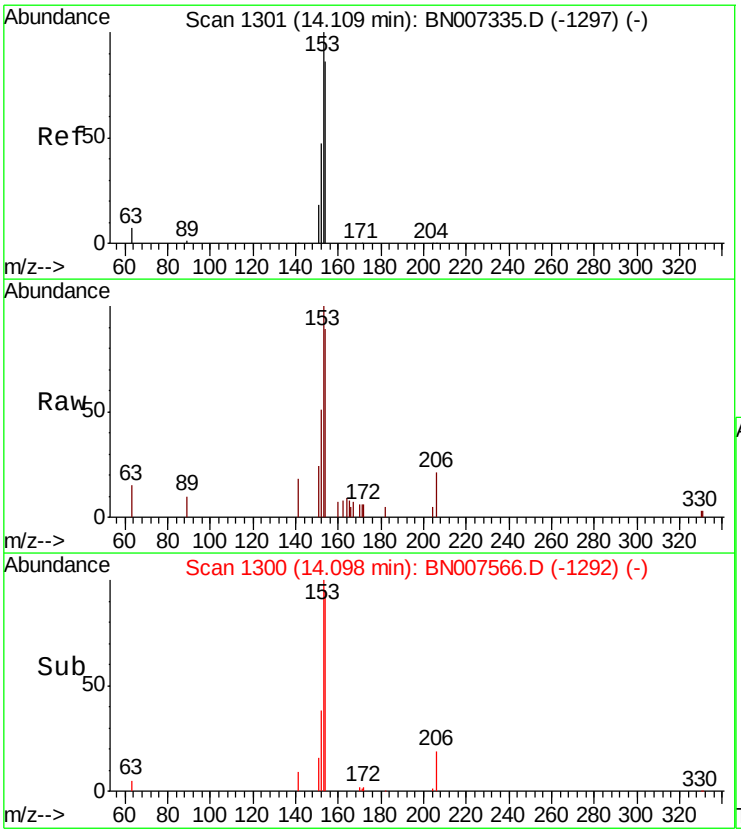
#16
Acenaphthylene
Concen: 0.033 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2370

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	18.1	10.6	15.8#

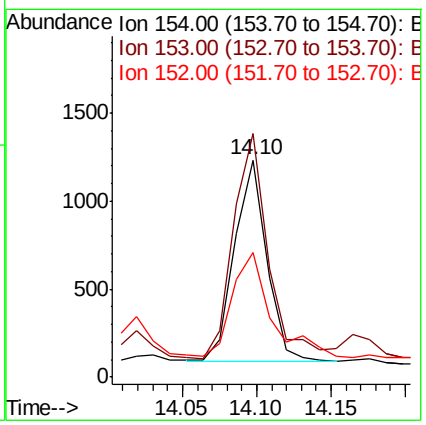


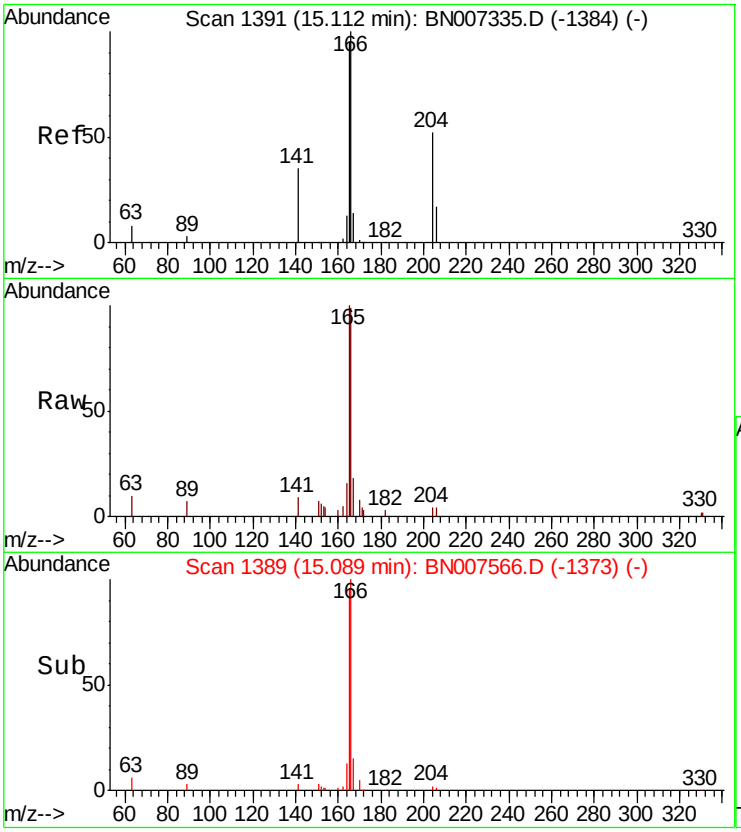


#17
Acenaphthene
Concen: 0.041 ng
RT: 14.10 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:154 Resp: 1718

Ion	Ratio	Lower	Upper
154	100		
153	120.3	92.8	139.2
152	64.5	43.8	65.8



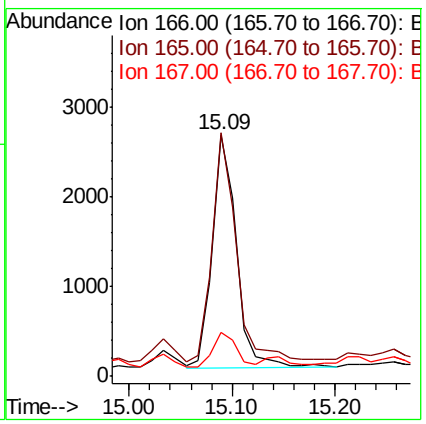


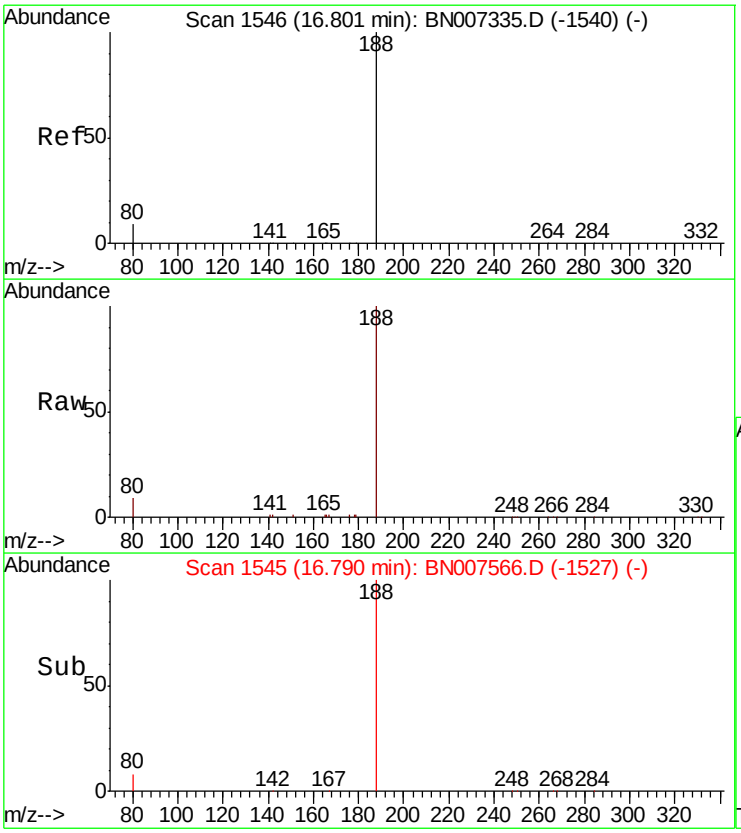
#18
Fluorene
Concen: 0.078 ng
RT: 15.09 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 4200

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	14.9	10.6	15.8

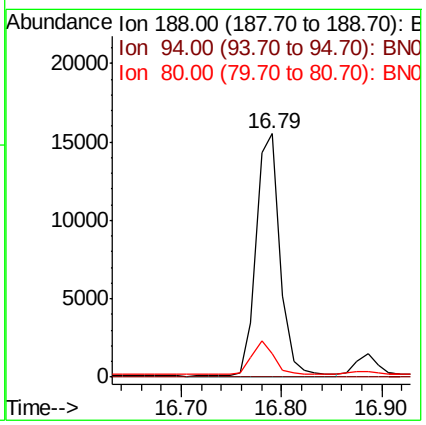


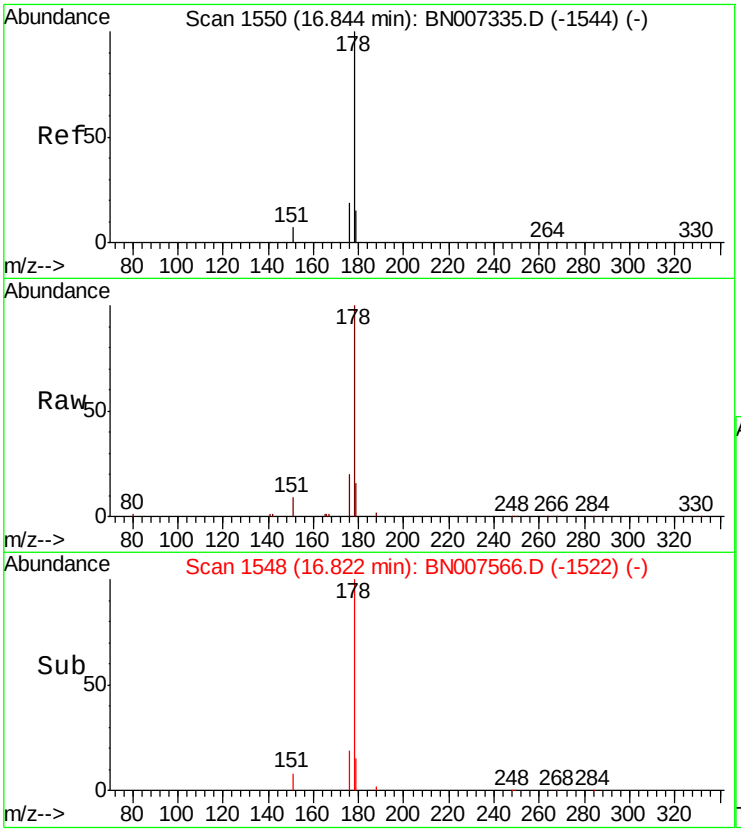


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:188 Resp: 25608

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	11.8	17.8#



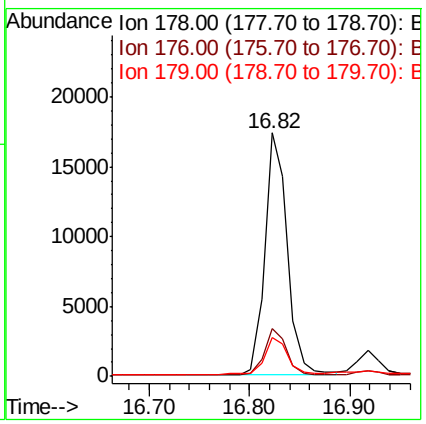


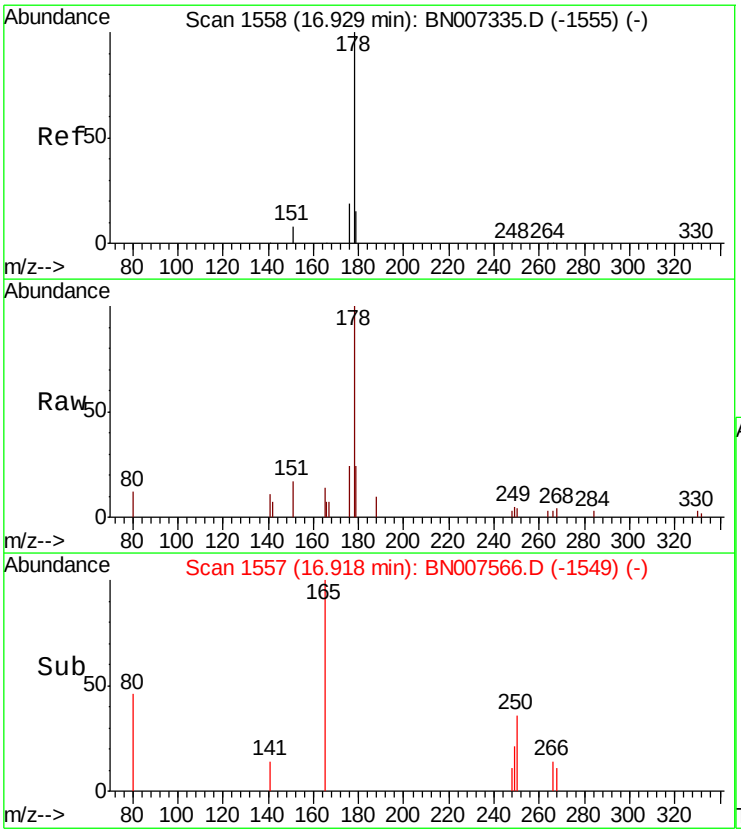
#23
Phenanthrene
Concen: 0.355 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 27322

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.6	19.0

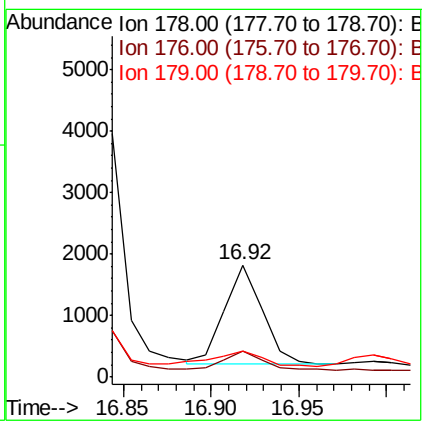


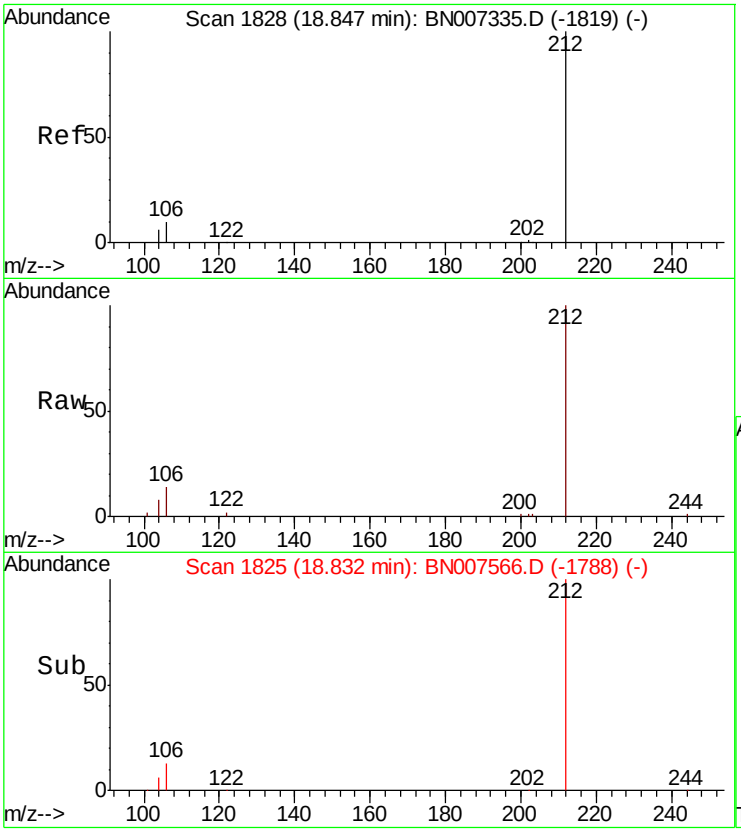


#24
Anthracene
Concen: 0.031 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:178 Resp: 2437

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	20.4	12.4	18.6#



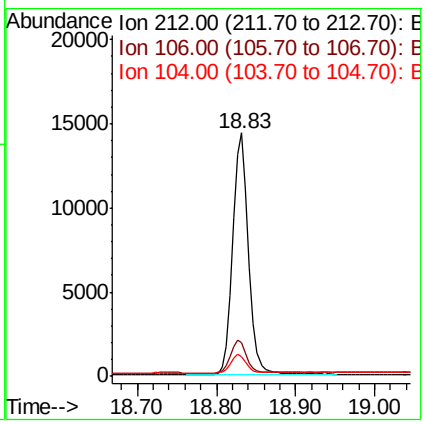


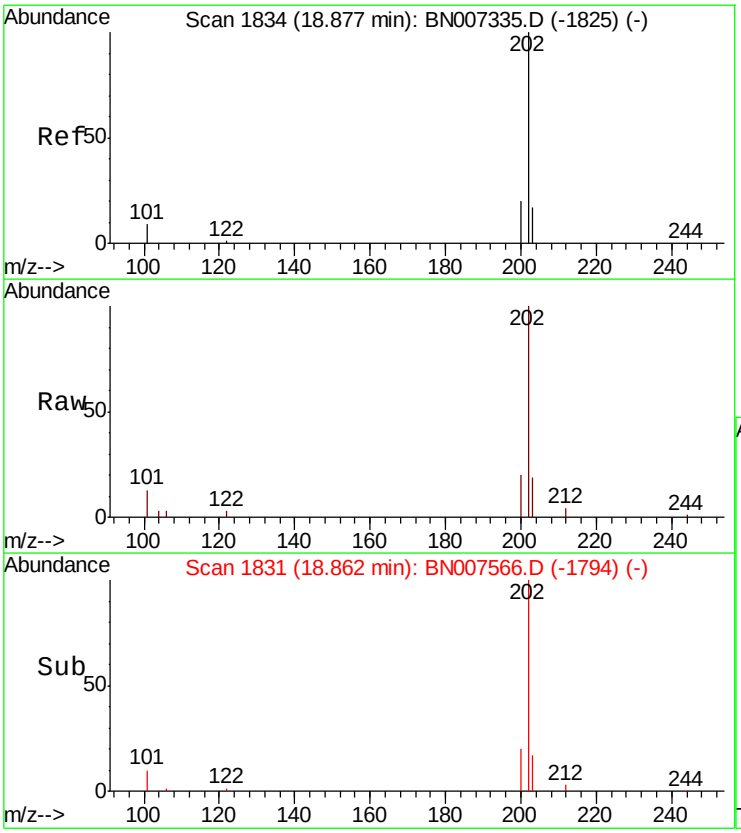
#25
Fluoranthene-d10
Concen: 0.245 ng
RT: 18.83 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 20237

Ion	Ratio	Lower	Upper
212	100		
106	14.2	9.0	13.4#
104	8.1	5.4	8.2

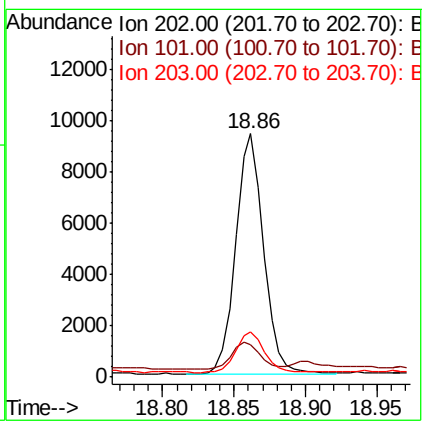


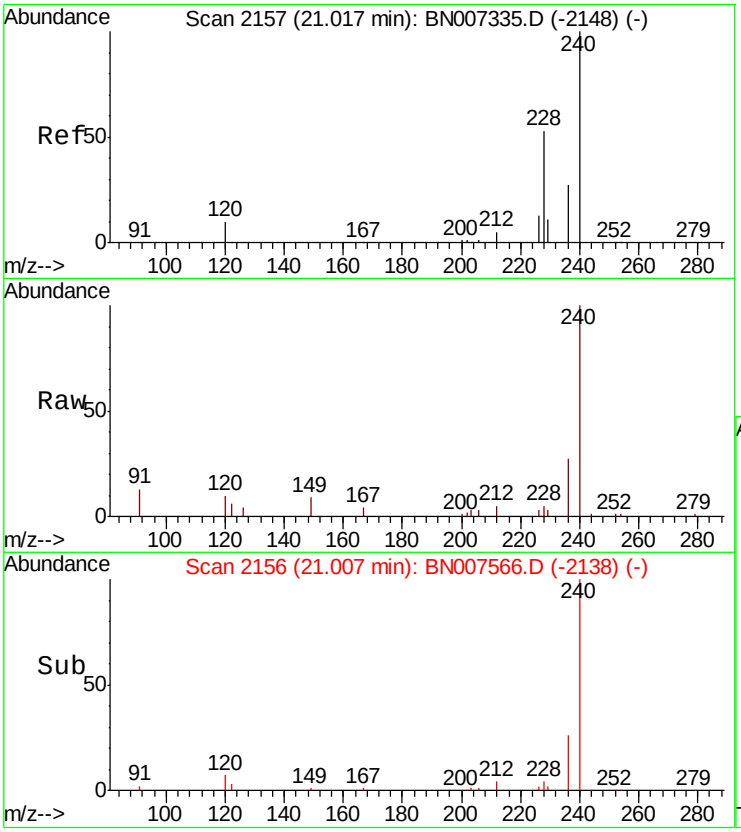


#26
Fluoranthene
Concen: 0.128 ng
RT: 18.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:202 Resp: 12690

Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.7	11.5#
203	17.2	13.7	20.5



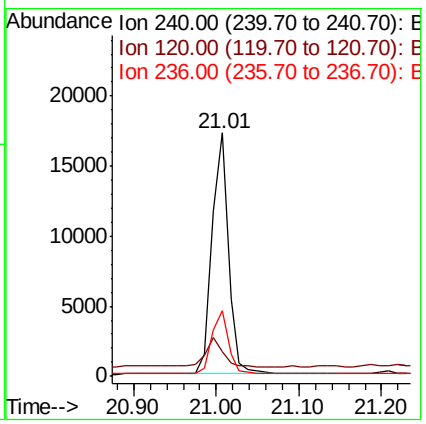


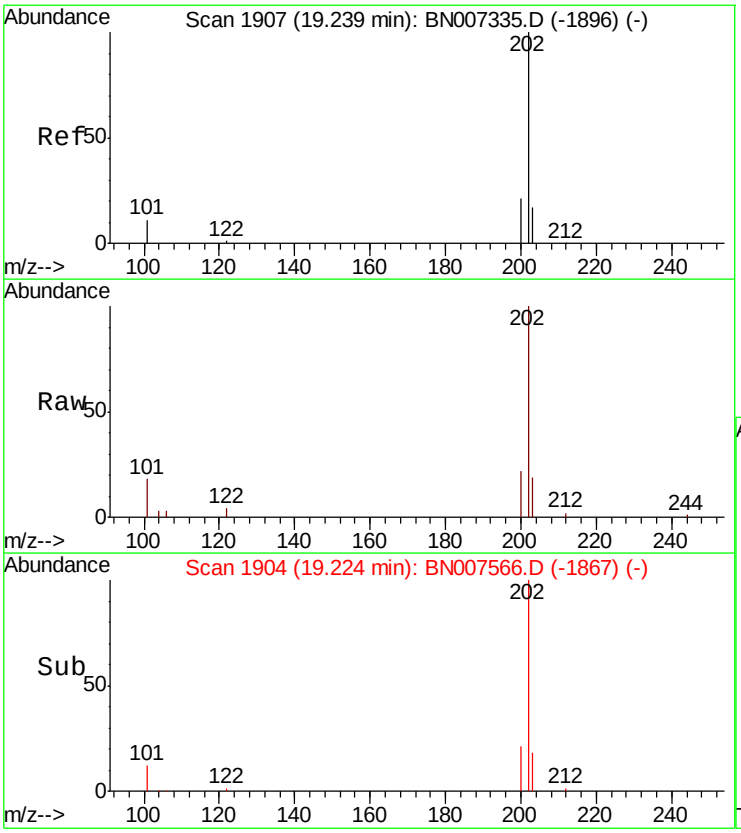
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23707

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.6	14.4
236	27.0	22.2	33.2

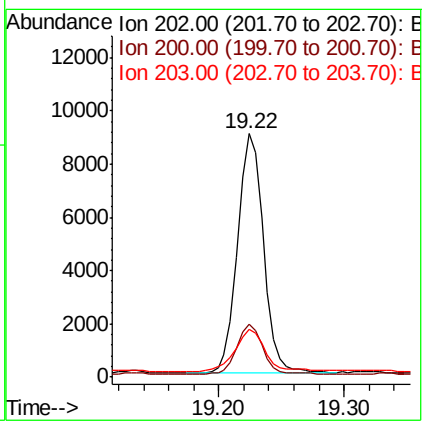


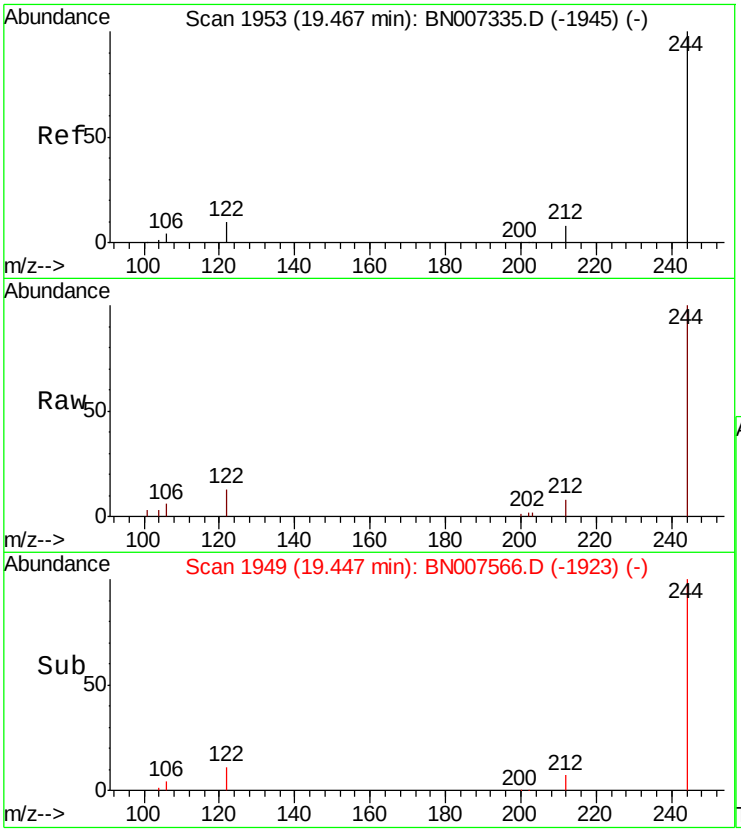


#28
Pyrene
Concen: 0.136 ng
RT: 19.22 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:202 Resp: 13003

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	20.9	14.2	21.4



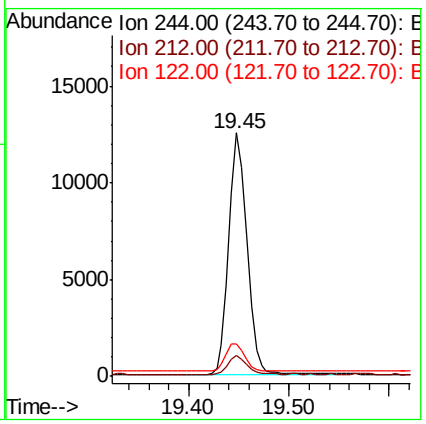


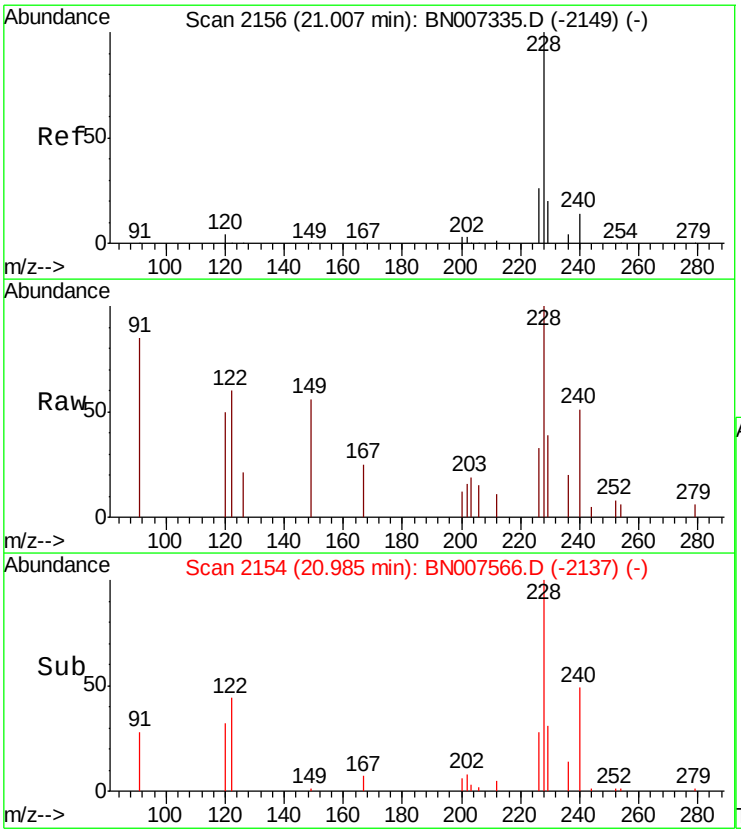
#29
Terphenyl-d14
Concen: 0.255 ng
RT: 19.45 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 15807

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	13.3	9.6	14.4

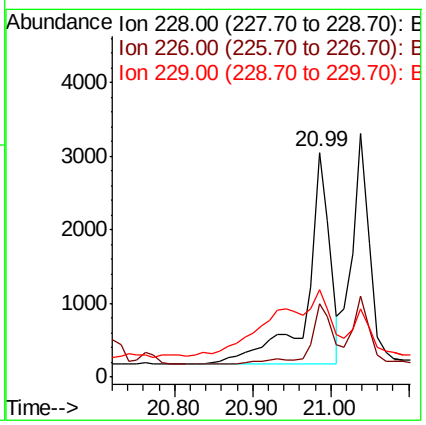


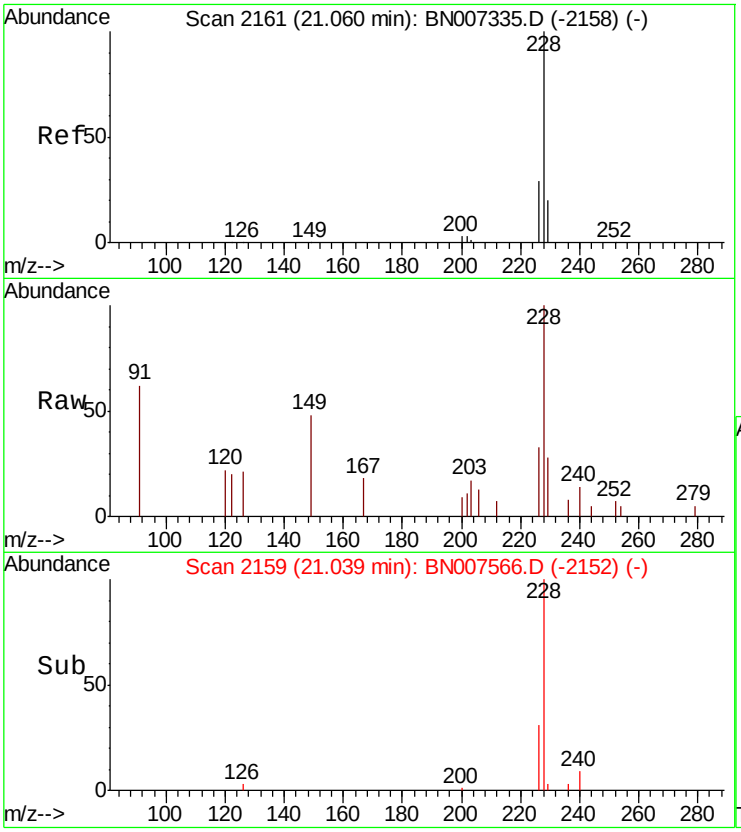


#30
Benzo(a)anthracene
Concen: 0.064 ng
RT: 20.99 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:228 Resp: 5928

Ion	Ratio	Lower	Upper
228	100		
226	32.6	21.3	31.9#
229	38.8	16.1	24.1#



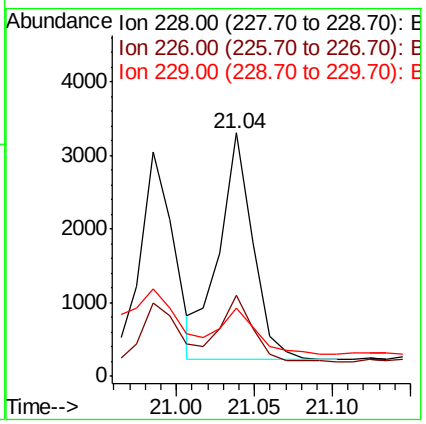


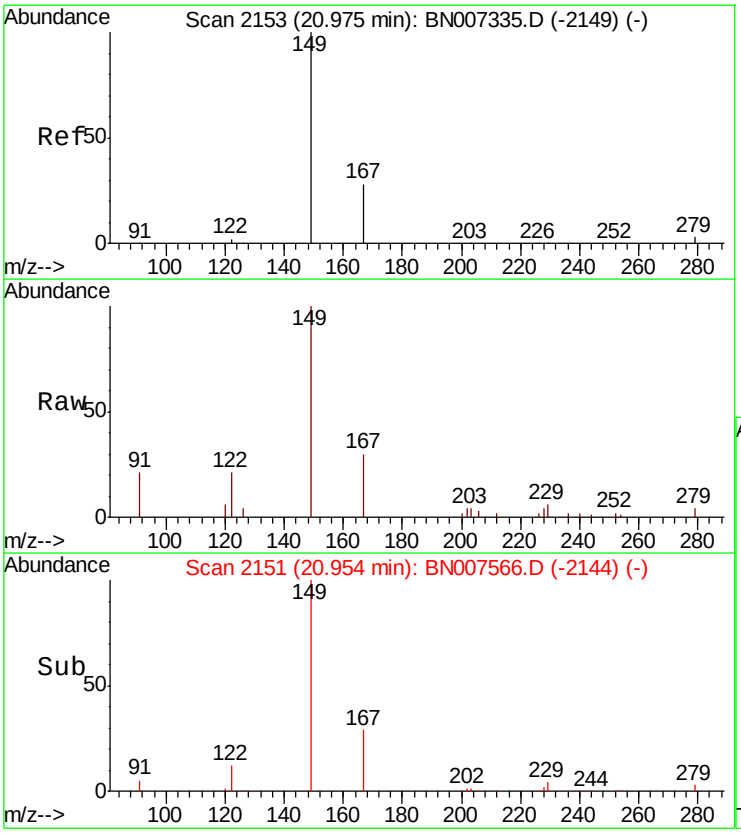
#31
Chrysene
Concen: 0.052 ng
RT: 21.04 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4648

Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.5	35.3
229	28.1	16.6	24.8#

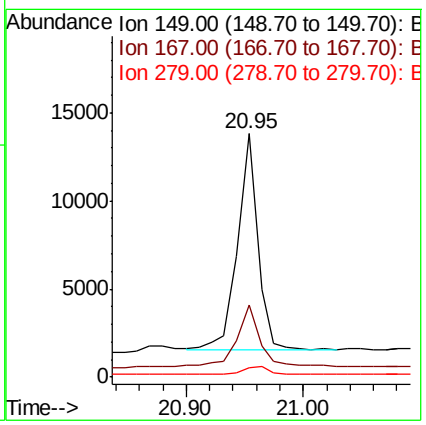


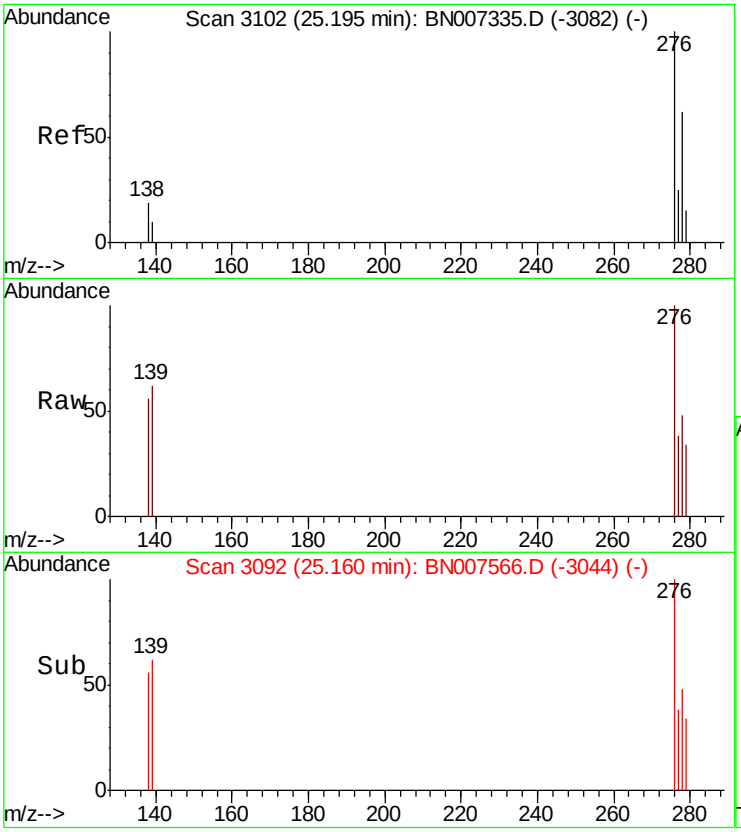


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.230 ng
RT: 20.95 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:149 Resp: 14986

Ion	Ratio	Lower	Upper
149	100		
167	33.2	22.8	34.2
279	4.6	3.5	5.3



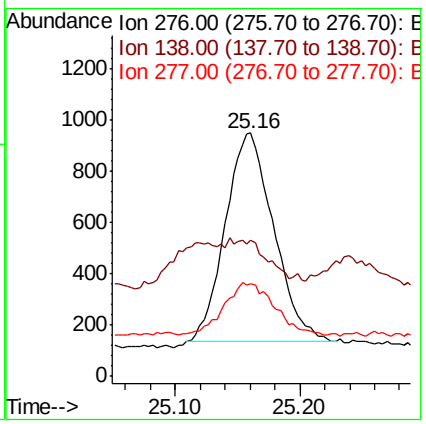


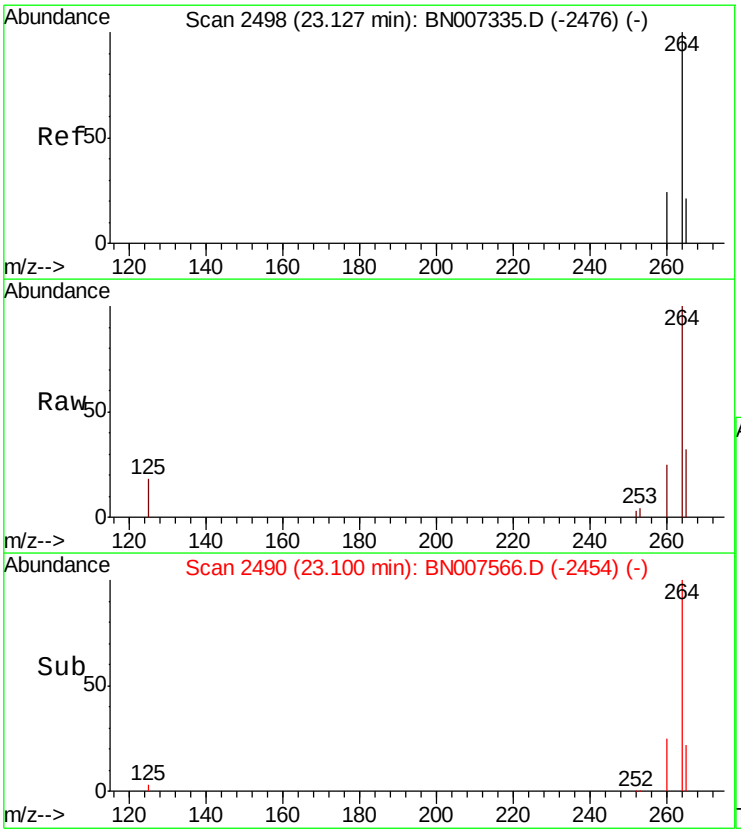
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 25.16 min Scan# 3092
Delta R.T. -0.03 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2209

Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.1	22.7#
277	23.0	19.7	29.5

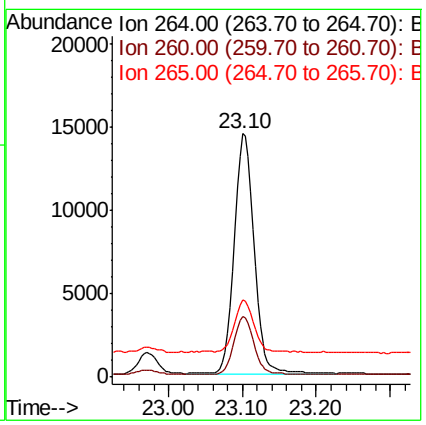


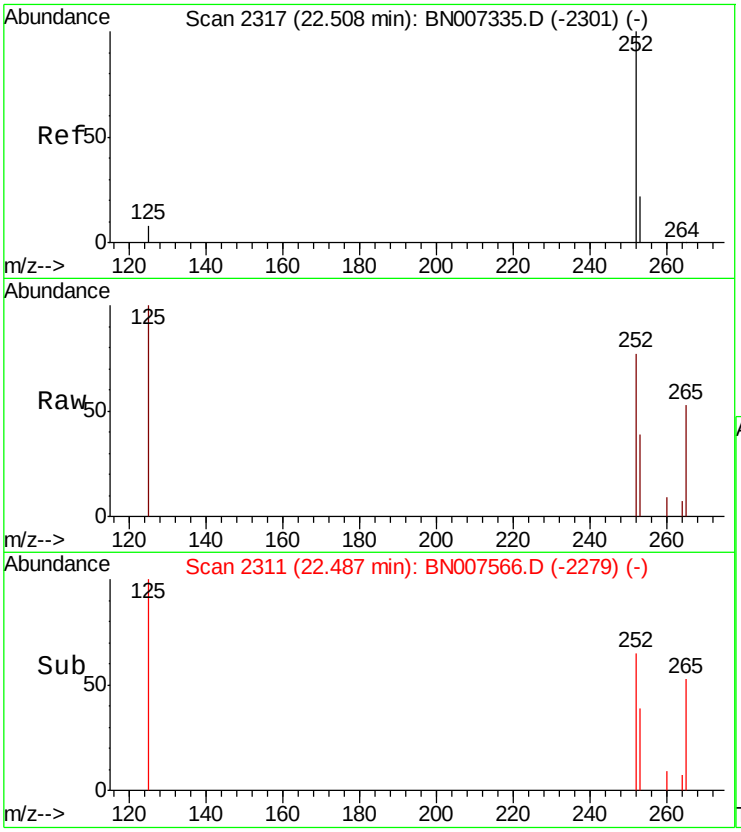


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2490
Delta R.T. -0.03 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:264 Resp: 26831

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	31.5	29.9	44.9



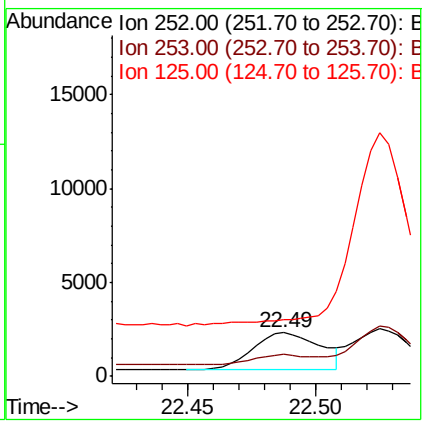


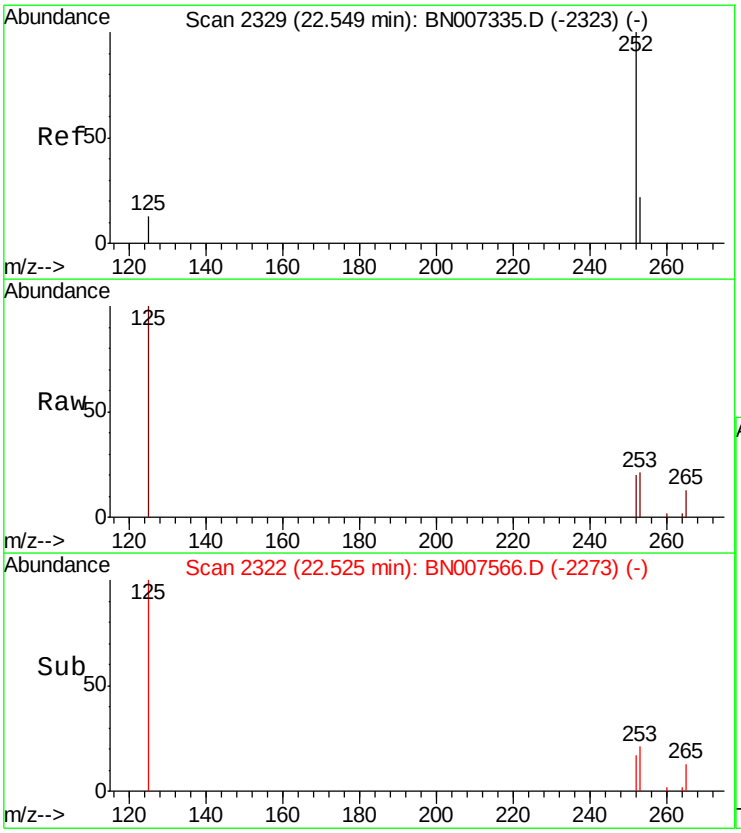
#35
Benzo(b)fluoranthene
Concen: 0.037 ng
RT: 22.49 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3610

Ion	Ratio	Lower	Upper
252	100		
253	49.9	19.2	28.8#
125	129.3	10.6	16.0#

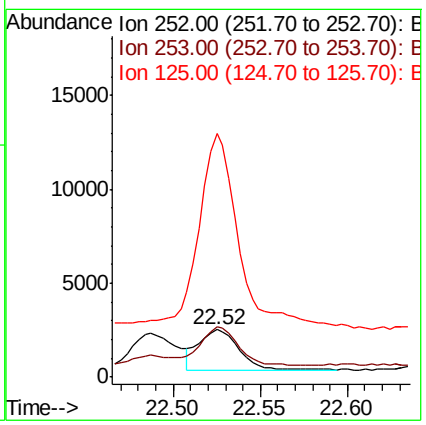


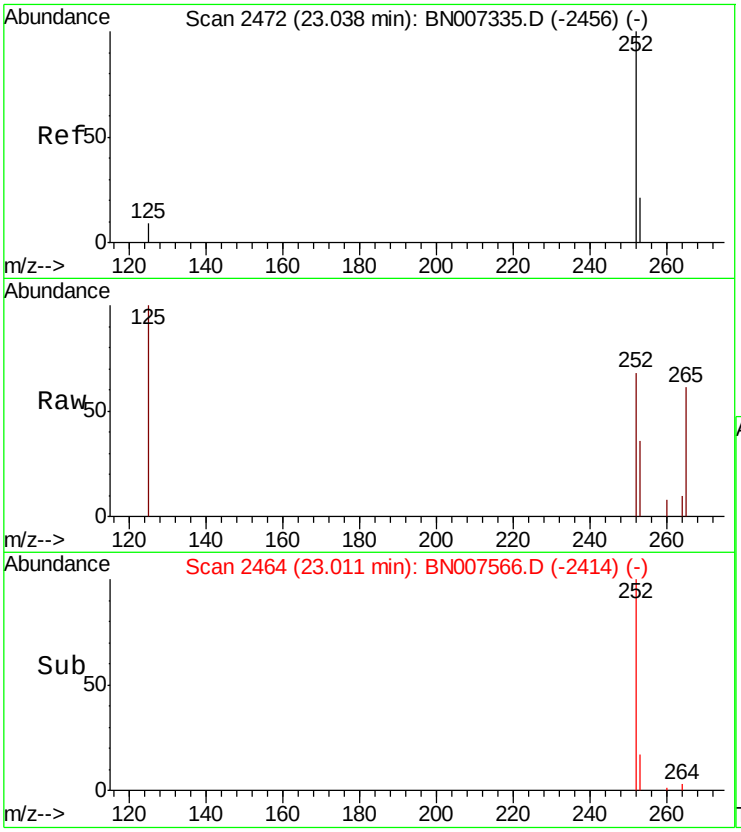


#36
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 22.52 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:252 Resp: 3512

Ion	Ratio	Lower	Upper
252	100		
253	105.6	19.4	29.2#
125	511.7	13.1	19.7#



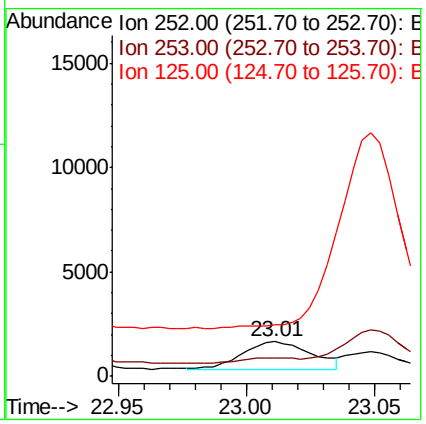


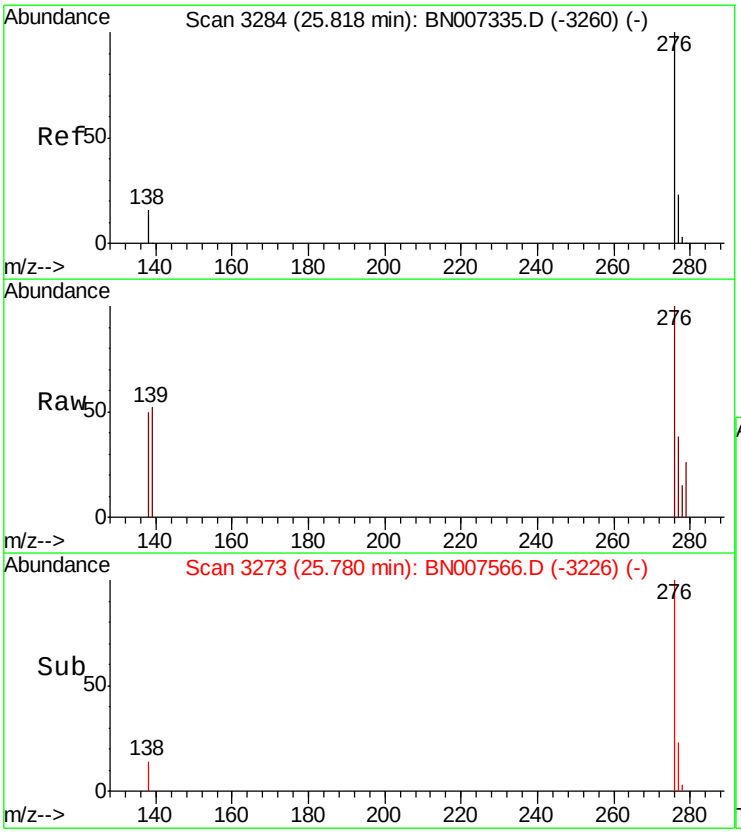
#37
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.01 min Scan# 2464
Delta R.T. -0.03 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2468

Ion	Ratio	Lower	Upper
252	100		
253	53.9	19.5	29.3#
125	148.1	12.1	18.1#





#39
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 25.78 min Scan# 3273
Delta R.T. -0.04 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion:276 Resp: 2341

Ion	Ratio	Lower	Upper
276	100		
277	38.2	19.6	29.4#
138	50.1	16.3	24.5#