Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
Data File : BN007417.D
Acq On : 26 Aug 2019 19:37
Operator : HP/JU
Sample : K4514-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S602-M-1.0-1.5-082319MSD

Quant Time: Aug 27 05:46:20 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	4950	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	20120	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	12289	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	22911	0.40	ng		0.00
27) Chrysene-d12	21.03	240	21985	0.40	ng		0.00
34) Perylene-d12	23.13	264	25449	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	8070	0.47	ng		0.00
5) Phenol-d6	6.59	99	10884	0.51	ng		0.00
8) Nitrobenzene-d5	8.53	82	7843	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	21052	0.63	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	3156	0.49	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	19098	0.39	ng		0.00
25) Fluoranthene-d10	18.84	212	30749	0.42	ng		0.00
29) Terphenyl-d14	19.47	244	21994	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2409	0.293	ng	#	93
3) n-Nitrosodimethylamine	3.32	42	1289	0.337	ng	#	55
6) bis(2-Chloroethyl)ether	6.84	93	7775	0.435	ng		97
9) Naphthalene	10.20	128	32083	0.558	ng	#	90
10) Hexachlorobutadiene	10.51	225	4941	0.420	ng	#	98
12) 2-Methylnaphthalene	11.83	142	28820	0.736	ng		97
16) Acenaphthylene	13.76	152	42605	0.586	ng		95
17) Acenaphthene	14.11	154	42082	0.989	ng		99
18) Fluorene	15.10	166	51991	0.966	ng		97
20) 4-Bromophenyl-phenylether	16.01	248	4525	0.501	ng	#	90
21) Hexachlorobenzene	16.11	284	7027	0.458	ng		96
22) Pentachlorophenol	16.46	266	4857	1.018	ng	#	63
23) Phenanthrene	16.84	178	406011	5.891	ng		99
24) Anthracene	16.93	178	119304	1.721	ng	#	96
26) Fluoranthene	18.87	202	1181165	13.349	ng		99
28) Pyrene	19.24	202	1026500	11.607	ng	#	94
30) Benzo(a)anthracene	21.00	228	627054	7.263	ng		98
31) Chrysene	21.06	228	611292	7.335	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	37586	0.654	ng		99
33) Indeno(1,2,3-cd)pyrene	25.20	276	506582	5.046	ng		98
35) Benzo(b)fluoranthene	22.51	252	933898	10.128	ng	#	96
36) Benzo(k)fluoranthene	22.51	252	933898	10.248	ng	#	93
37) Benzo(a)pyrene	22.95	252	432536	4.929	ng		99
38) Dibenzo(a,h)anthracene	25.21	278	153331	1.751	ng	#	89
39) Benzo(g,h,i)perylene	25.83	276	491882	5.639	ng		96

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Quant Time: Aug 27 05:46:20 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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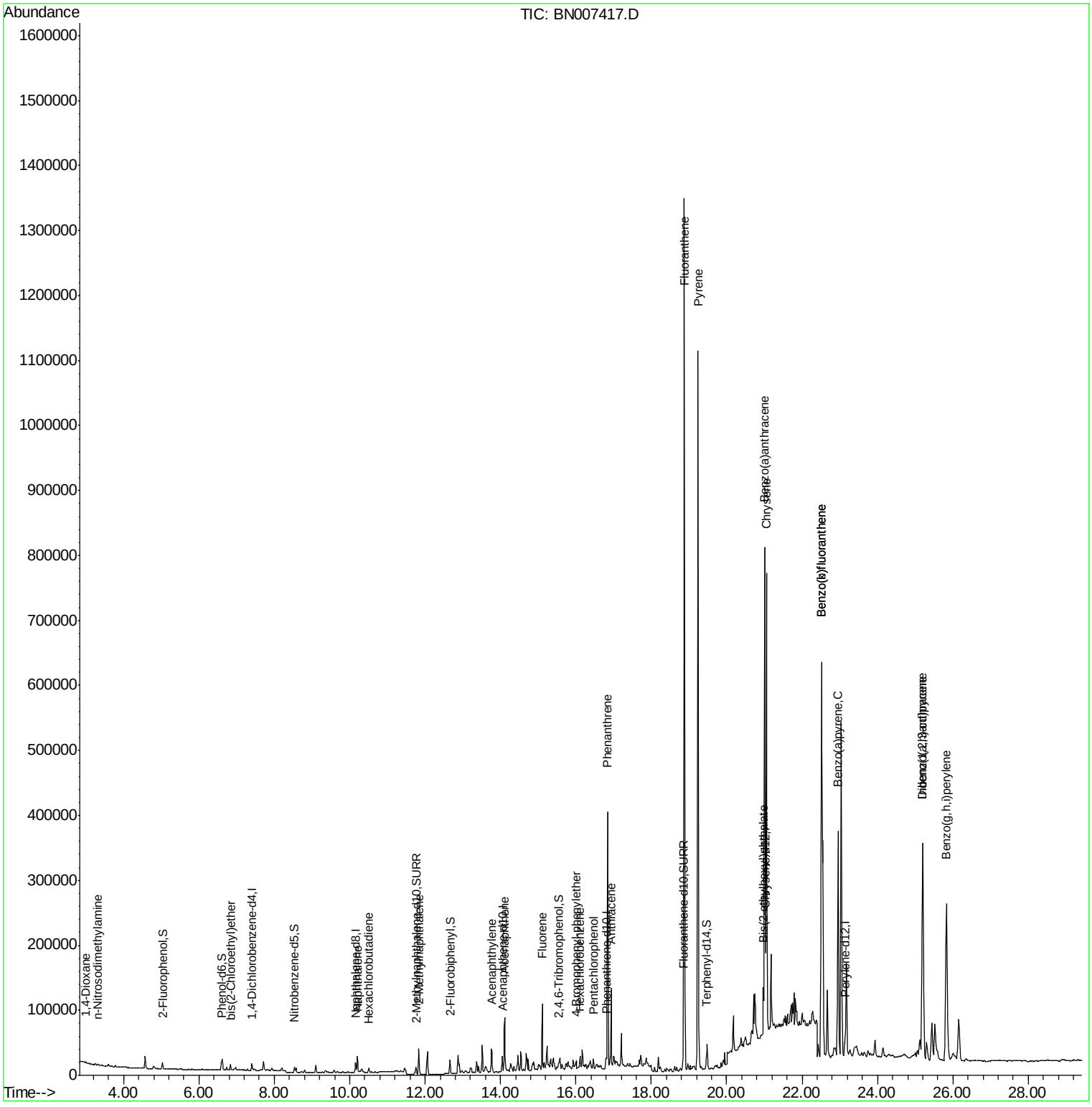
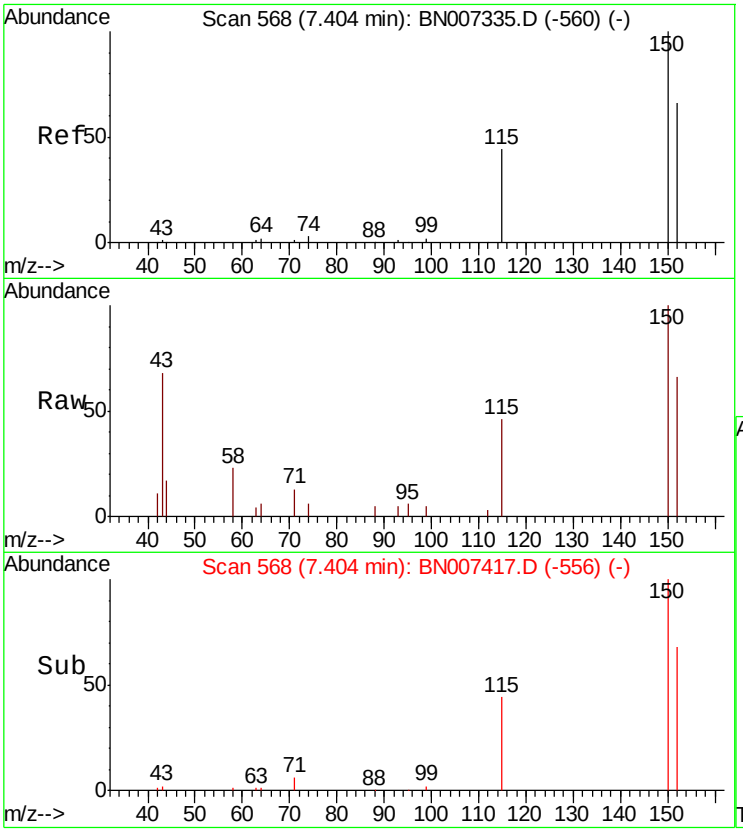


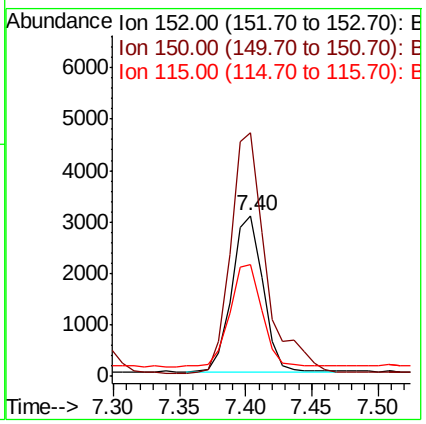


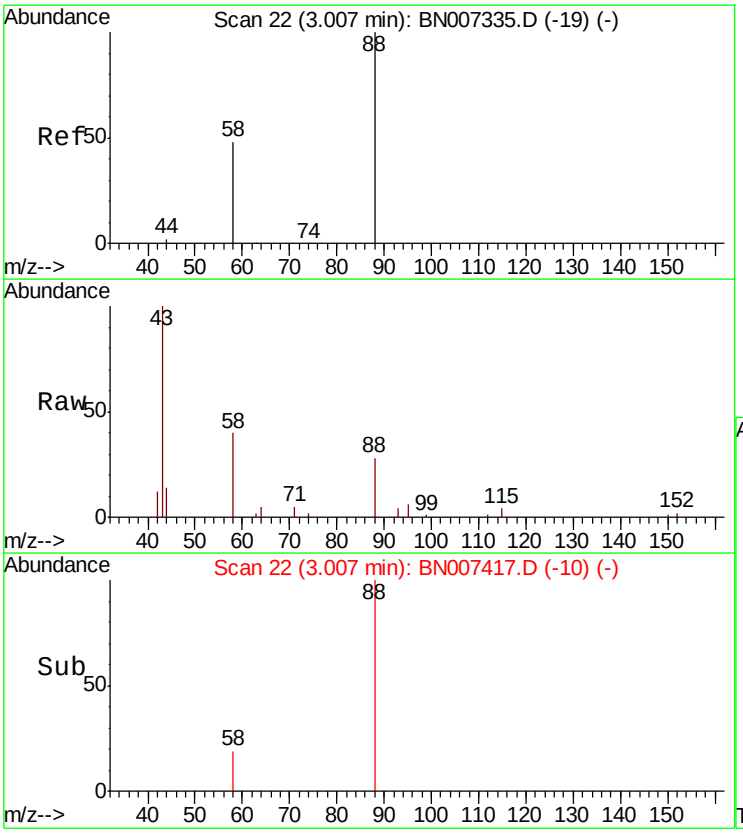
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:152 Resp: 4950

Ion	Ratio	Lower	Upper
152	100		
150	151.6	109.1	163.7
115	69.3	59.6	89.4

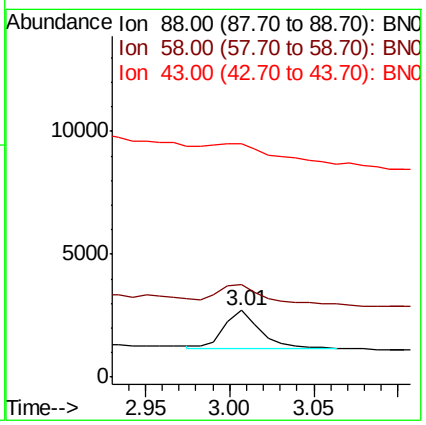


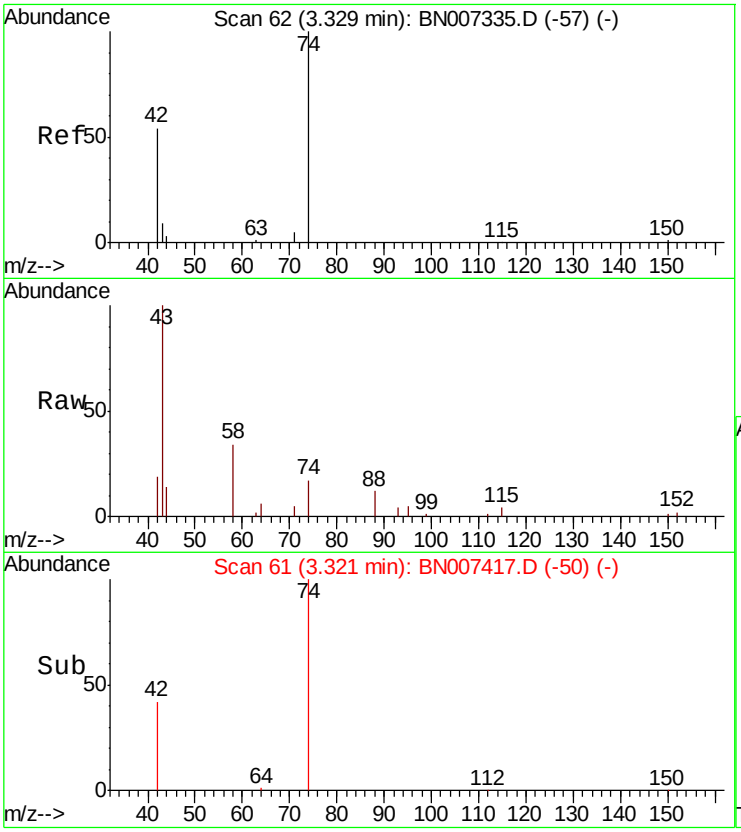


#2
1,4-Dioxane
Concen: 0.293 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion: 88 Resp: 2409

Ion	Ratio	Lower	Upper
88	100		
58	68.7	50.5	75.7
43	0.0	0.0	0.0



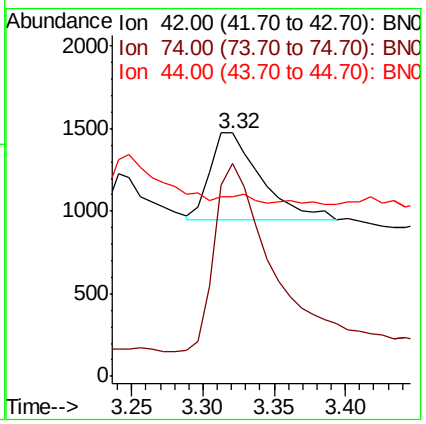


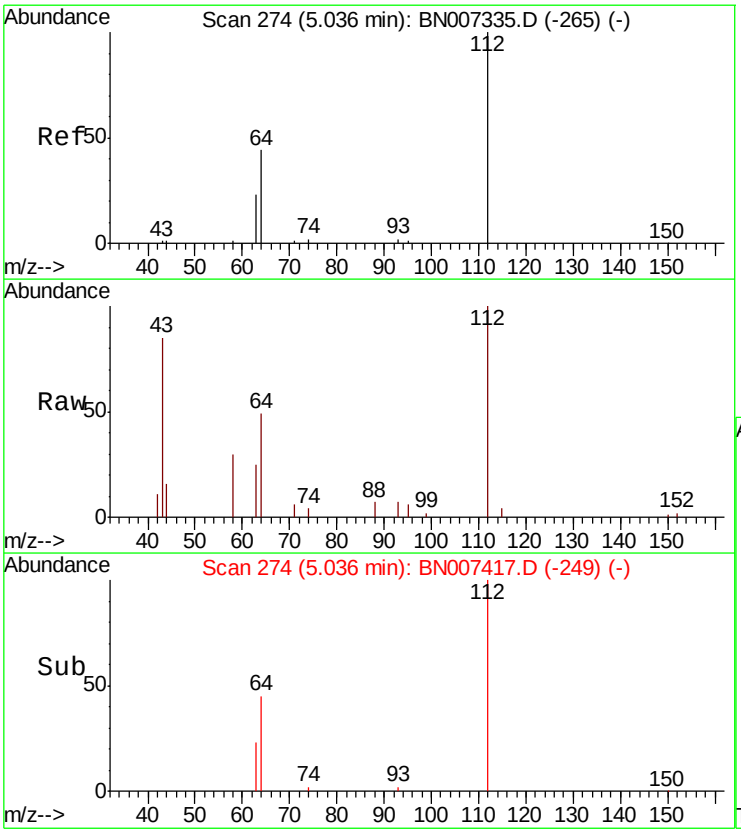
#3
n-Nitrosodimethylamine
Concen: 0.337 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion: 42 Resp: 1289

Ion	Ratio	Lower	Upper
42	100		
74	245.8	144.7	217.1#
44	1.8	3.2	4.8#

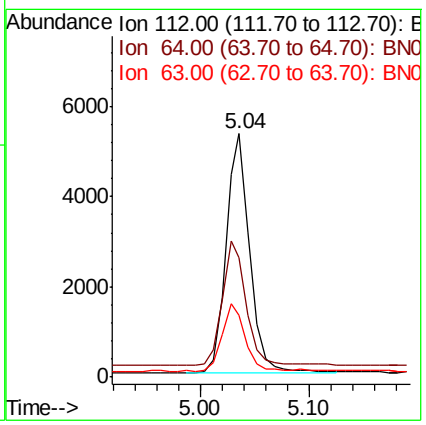


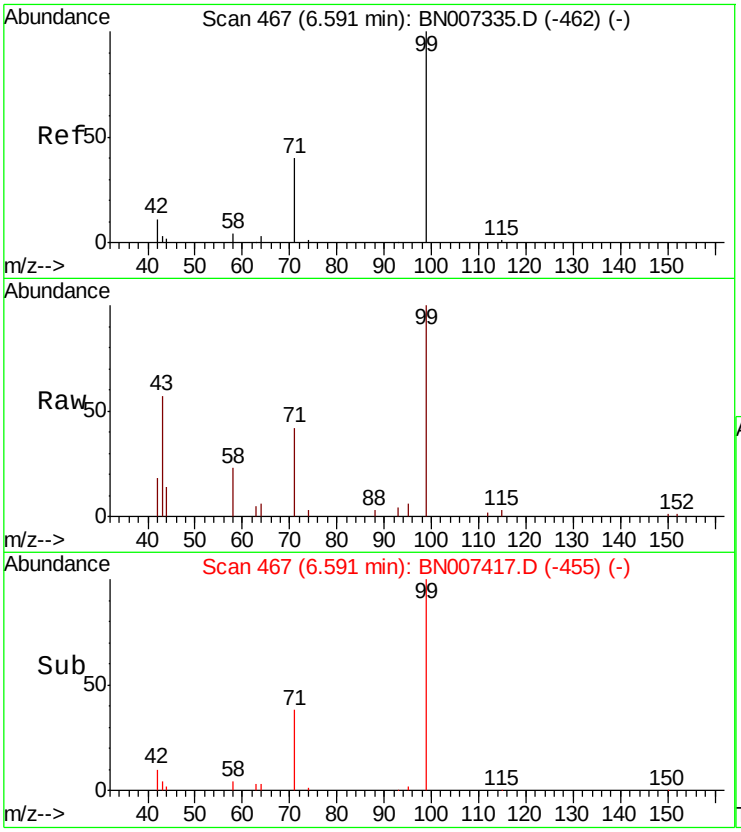


#4
2-Fluorophenol
Concen: 0.475 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:112 Resp: 8070

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.3	63.5
63	27.1	23.6	35.4



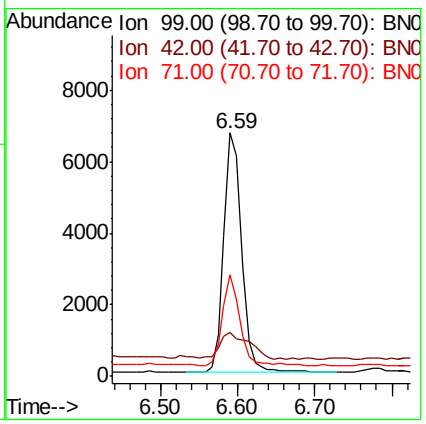


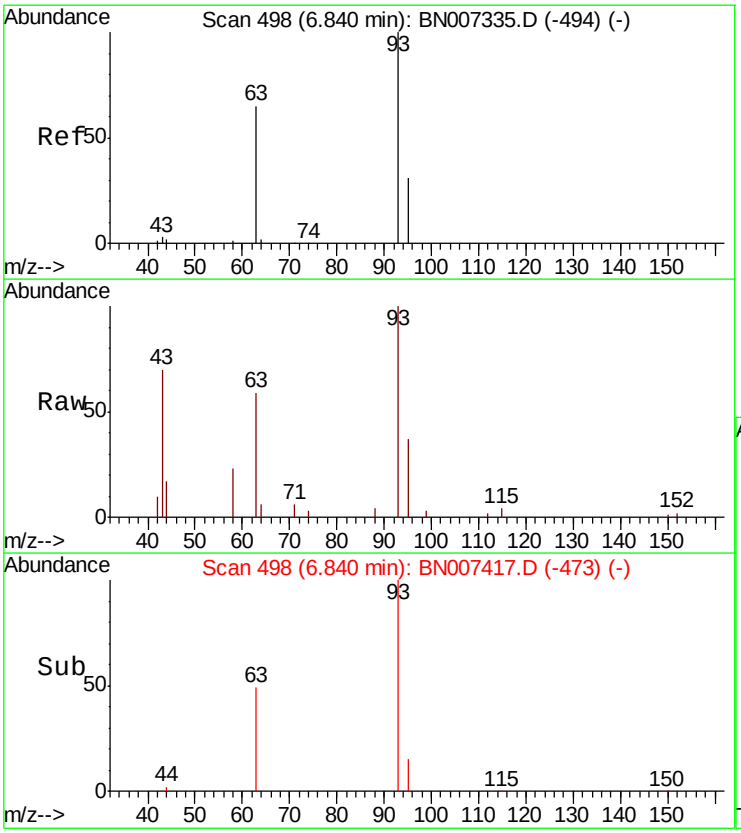
#5
Phenol-d6
Concen: 0.506 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion: 99 Resp: 10884

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.2	16.8#
71	36.6	31.8	47.8

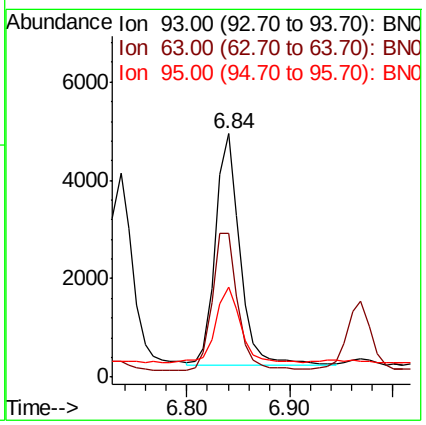


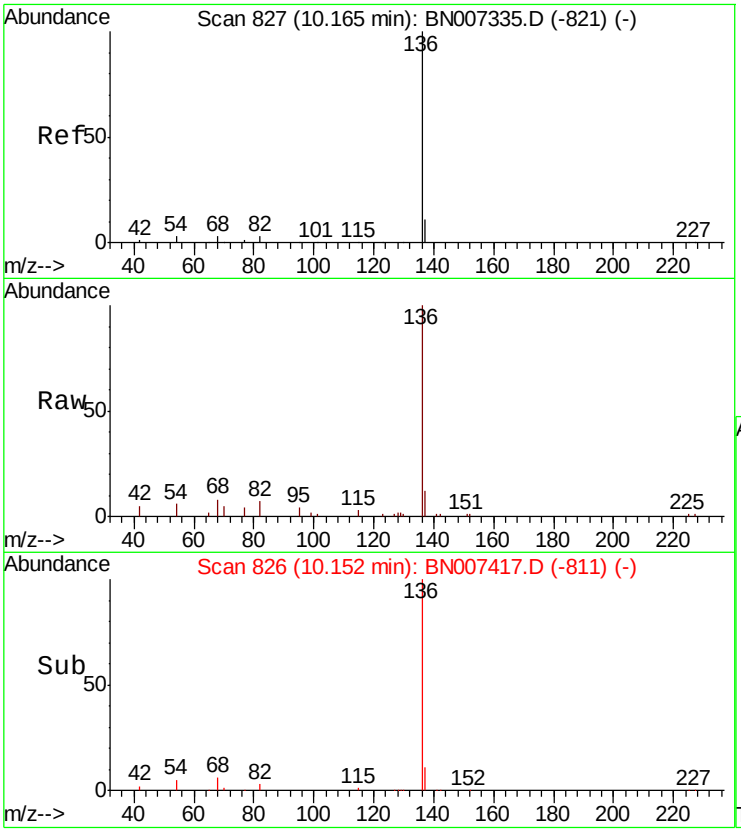


#6
bis(2-Chloroethyl)ether
Concen: 0.435 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion: 93 Resp: 7775

Ion	Ratio	Lower	Upper
93	100		
63	62.0	51.9	77.9
95	33.3	27.7	41.5



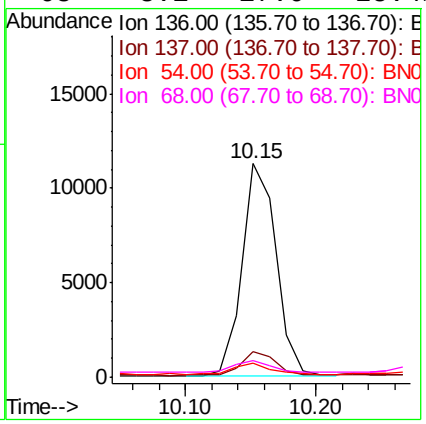


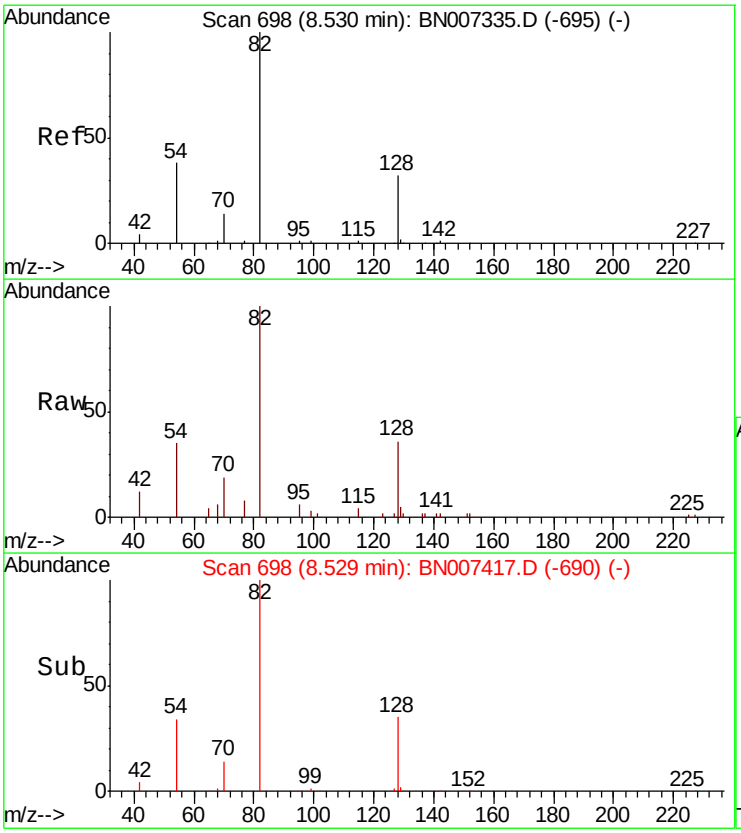
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:136 Resp: 20120

Ion	Ratio	Lower	Upper
136	100		
137	11.8	12.9	19.3#
54	6.4	8.6	12.8#
68	8.1	17.0	25.4#

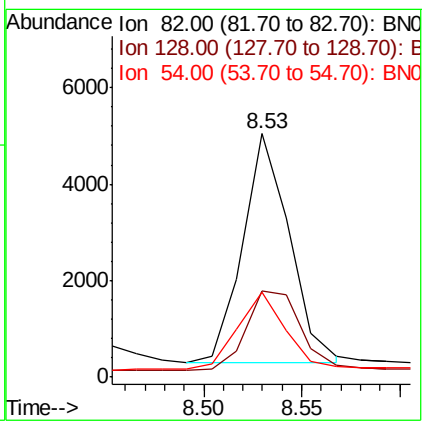


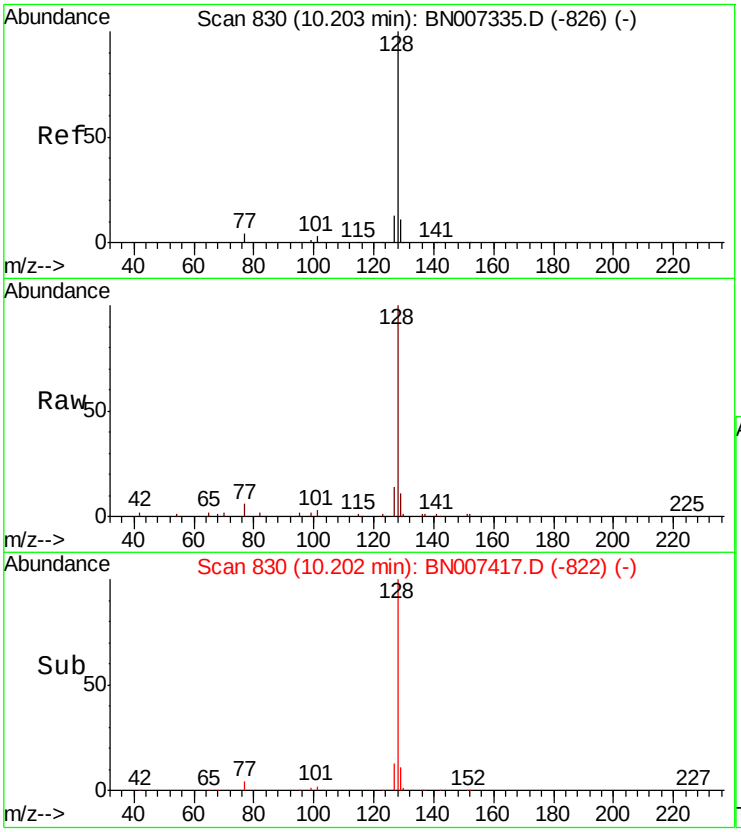


#8
Nitrobenzene-d5
Concen: 0.448 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion: 82 Resp: 7843

Ion	Ratio	Lower	Upper
82	100		
128	35.6	19.7	29.5#
54	35.1	25.8	38.6



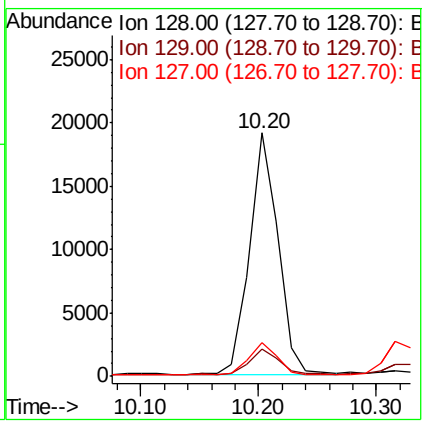


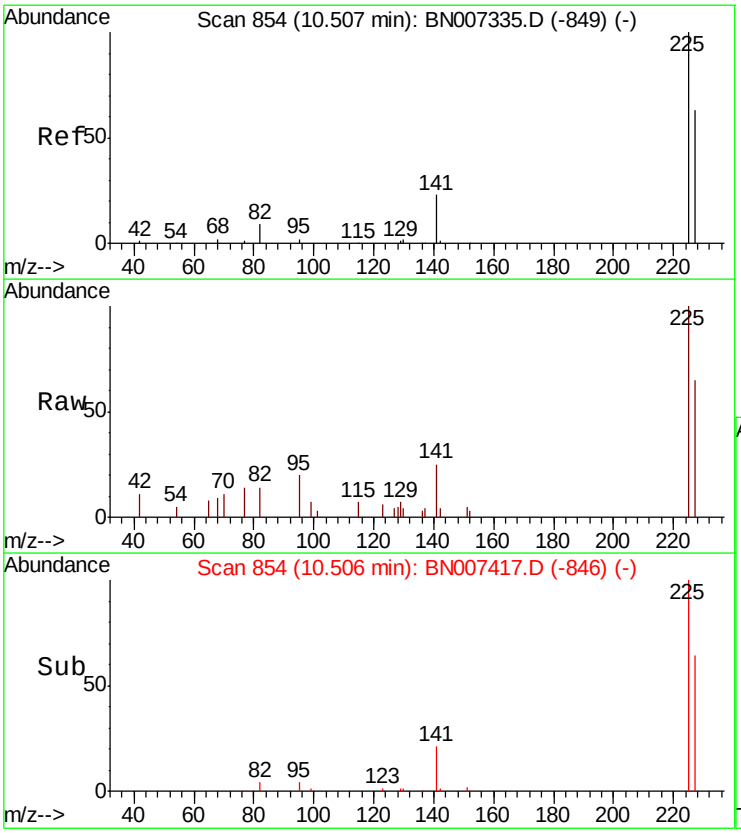
#9
Naphthalene
Concen: 0.558 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:128 Resp: 32083

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.1	16.7
127	13.6	15.5	23.3#

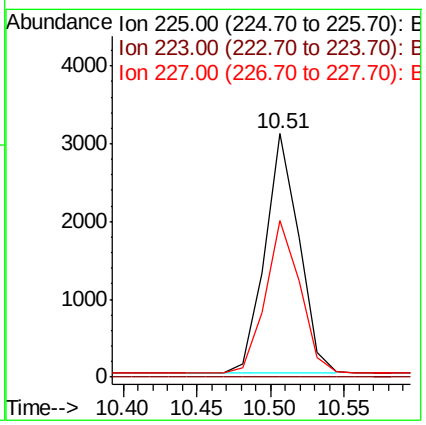


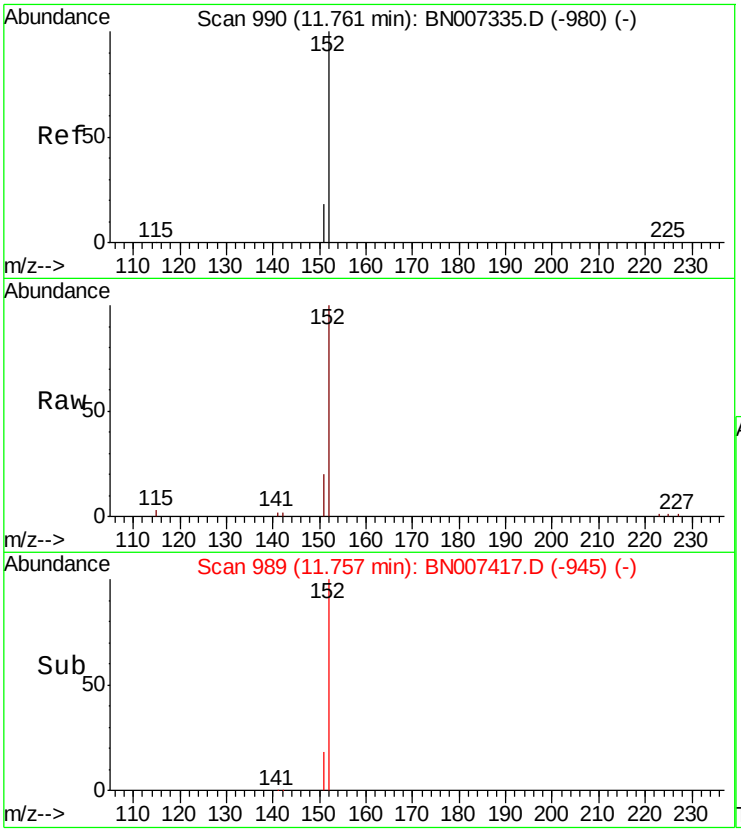


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:225 Resp: 4941

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	50.7	76.1



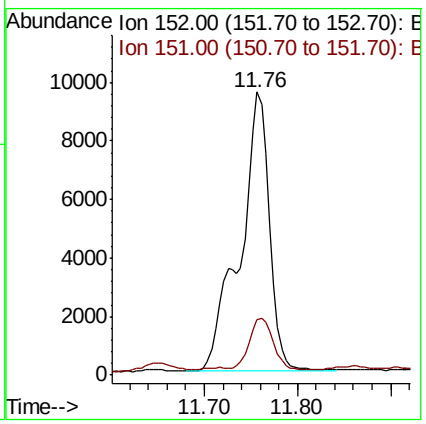


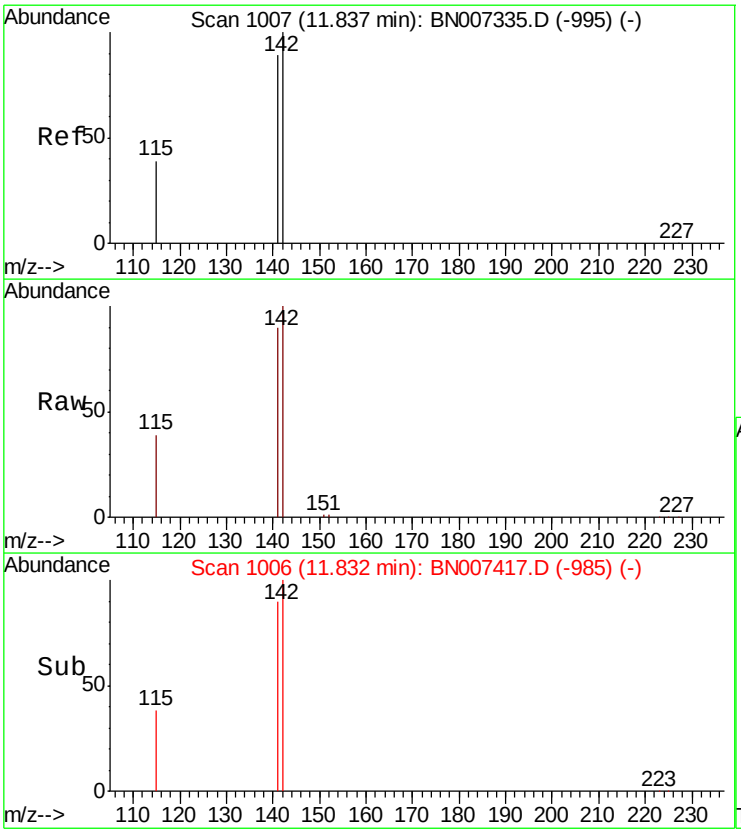
#11
2-Methylnaphthalene-d10
Concen: 0.630 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:152 Resp: 21052

Ion	Ratio	Lower	Upper
152	100		
151	15.1	16.2	24.2#

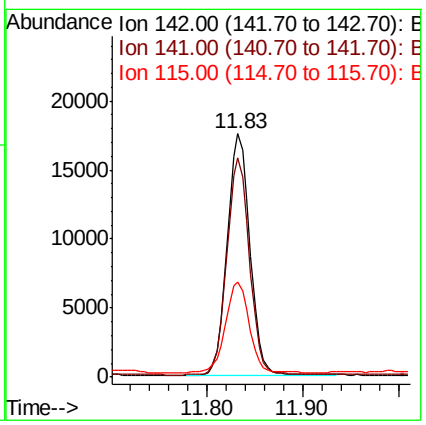


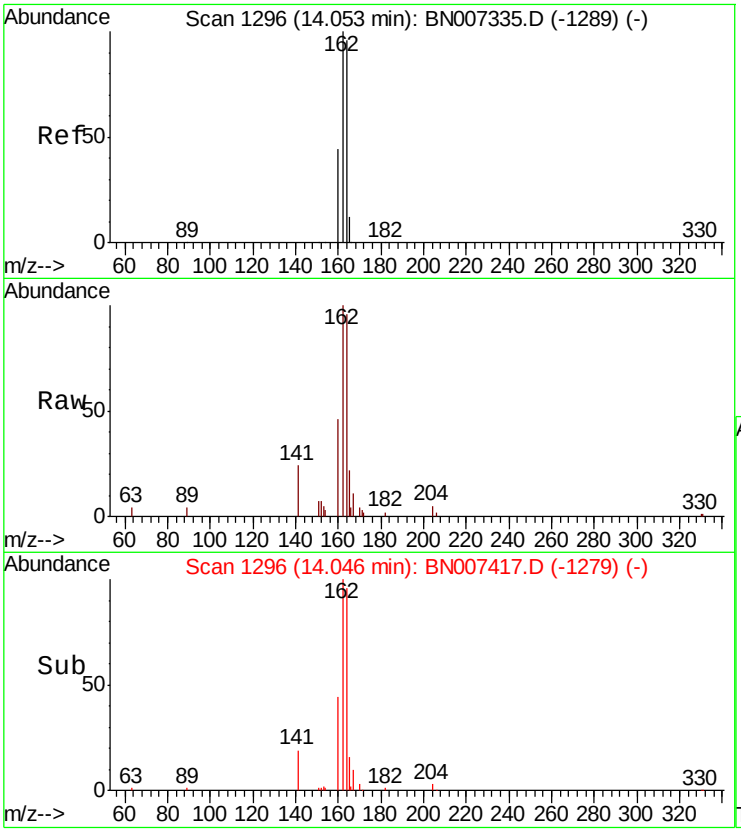


#12
2-Methylnaphthalene
Concen: 0.736 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:142 Resp: 28820

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.8	109.2
115	39.3	35.2	52.8



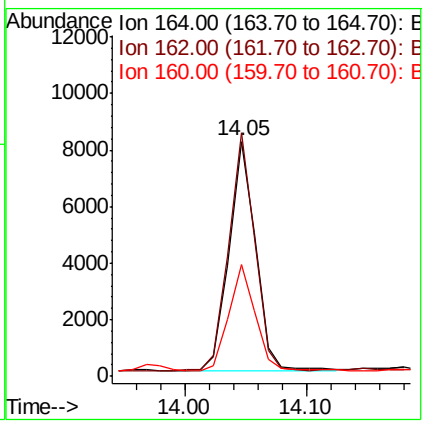


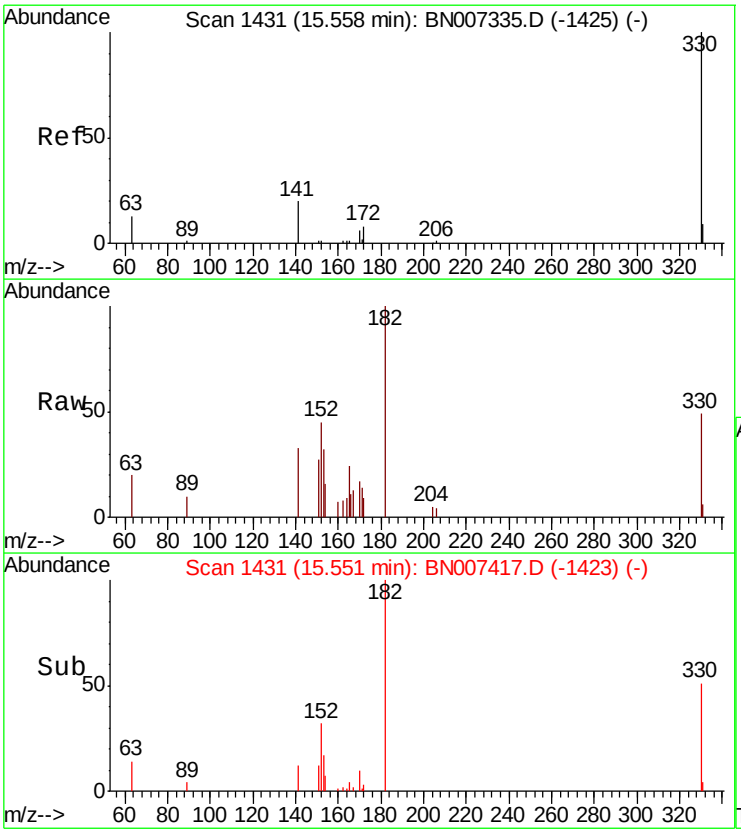
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:164 Resp: 12289

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.5	125.3
160	47.5	38.2	57.4

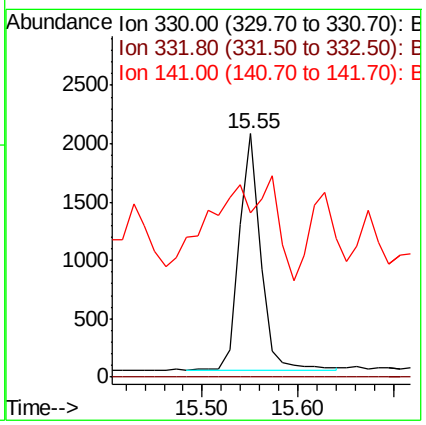


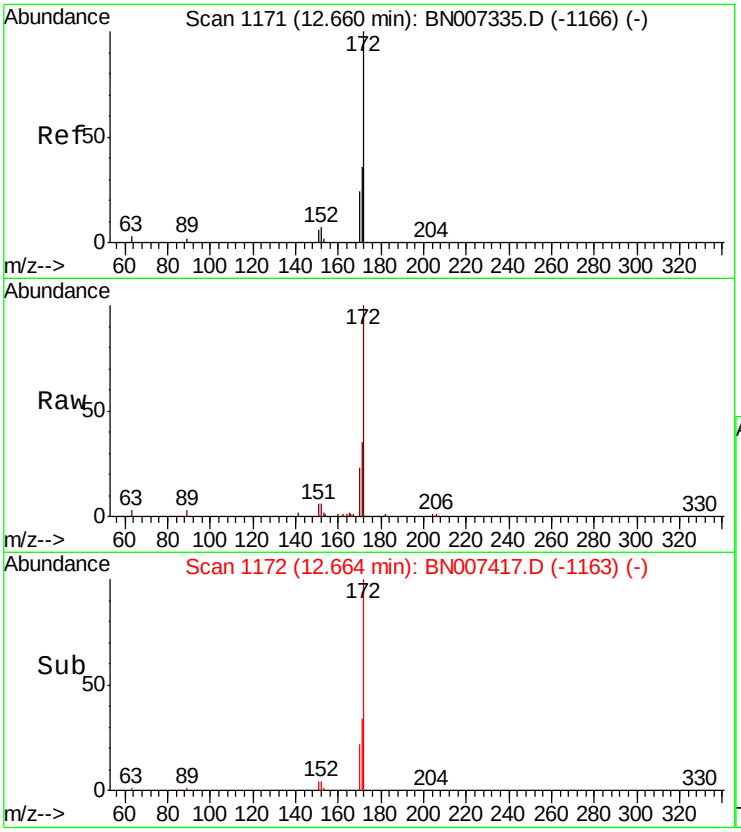


#14
2,4,6-Tribromophenol
Concen: 0.491 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:330 Resp: 3156

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



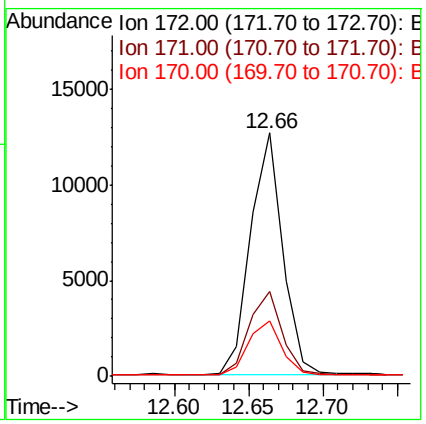


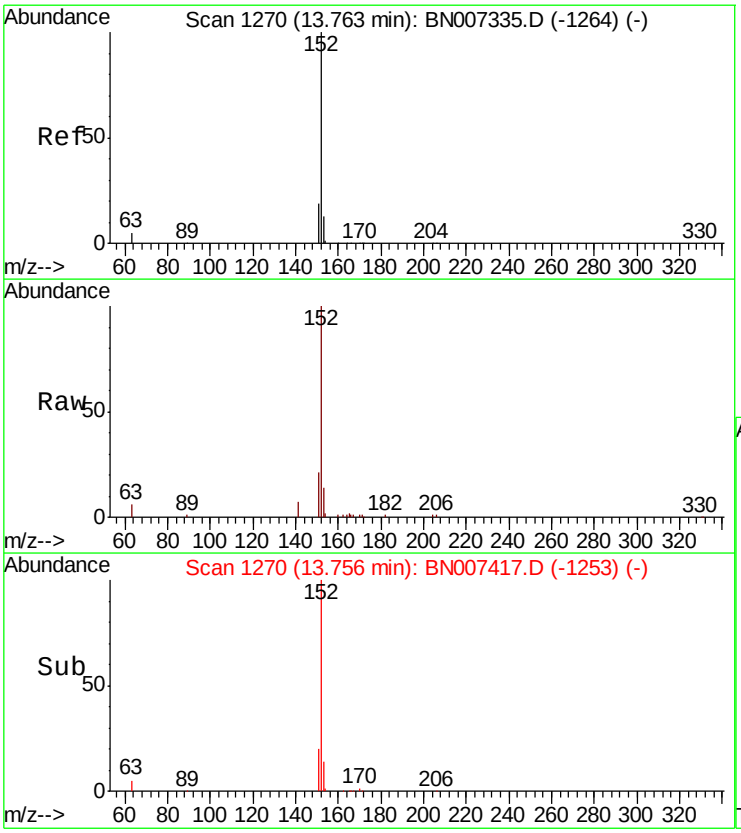
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:172 Resp: 19098

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.3	45.5
170	23.0	20.7	31.1

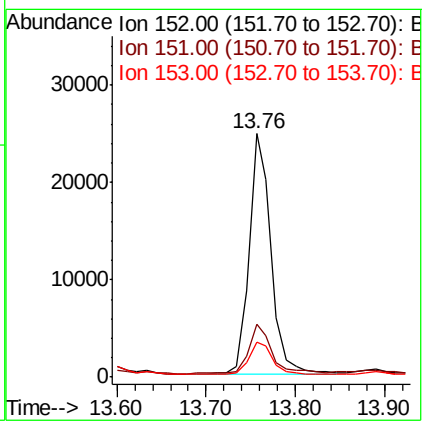


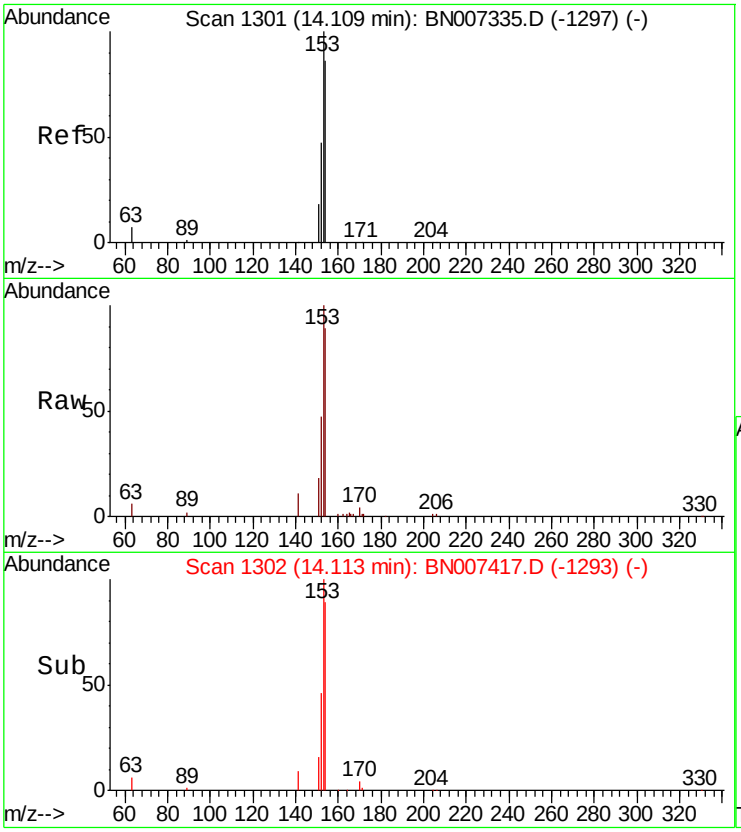


#16
Acenaphthylene
Concen: 0.586 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:152 Resp: 42605

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.1	24.1
153	15.2	10.6	15.8



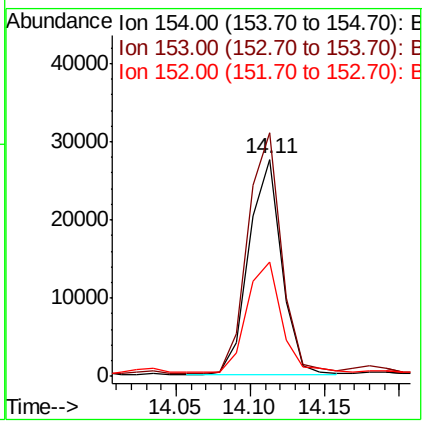


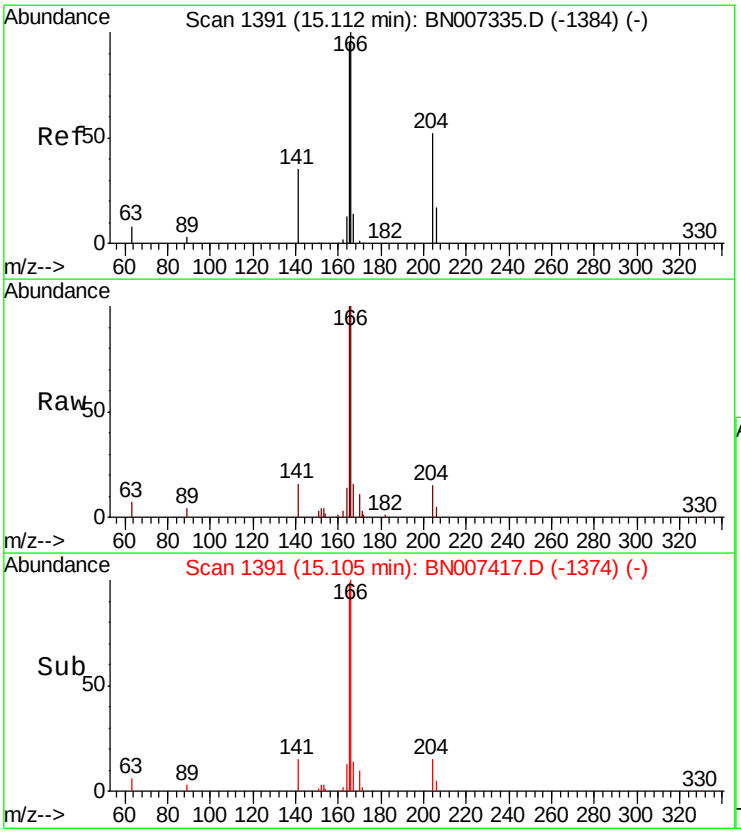
#17
Acenaphthene
Concen: 0.989 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:154 Resp: 42082

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.8	139.2
152	54.3	43.8	65.8

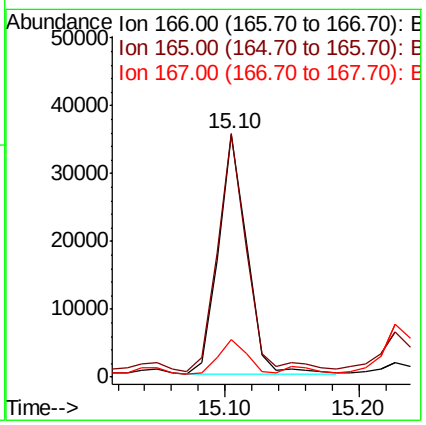


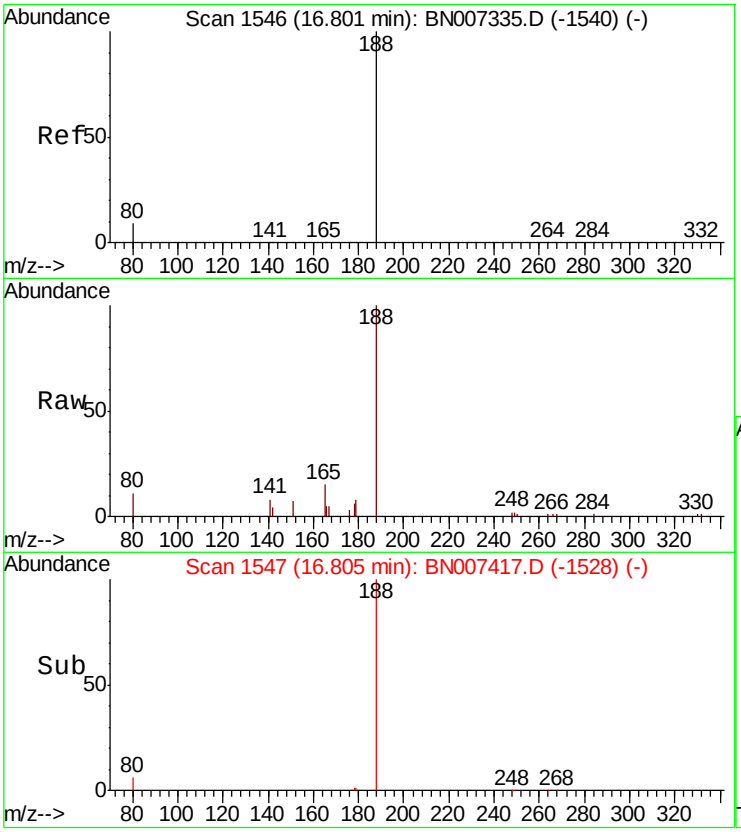


#18
Fluorene
Concen: 0.966 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:166 Resp: 51991

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.0	118.4
167	15.3	10.6	15.8



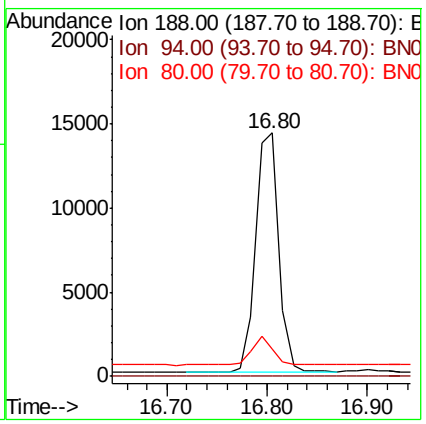


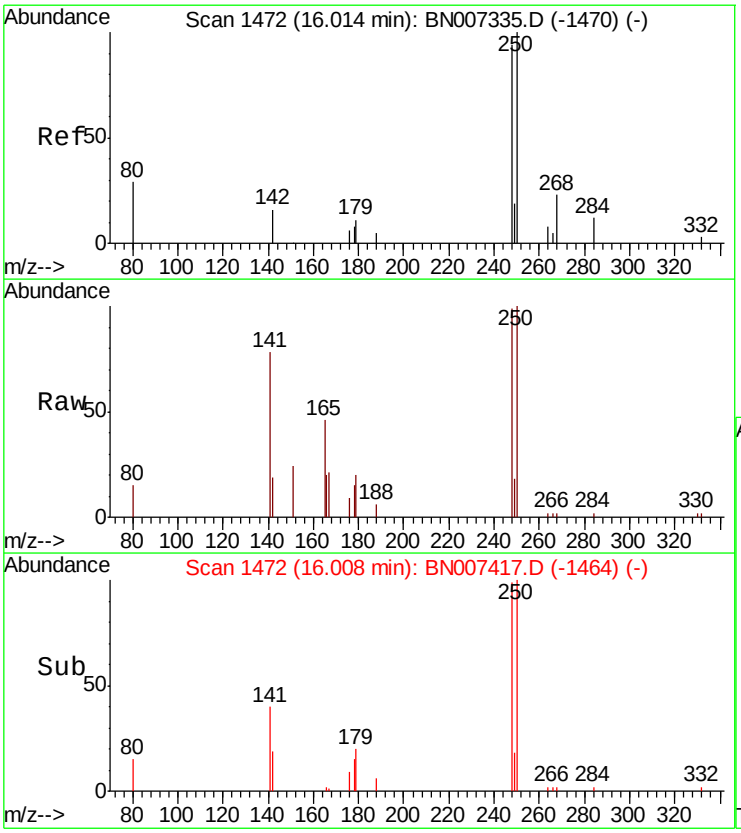
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:188 Resp: 22911

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	11.8	17.8#

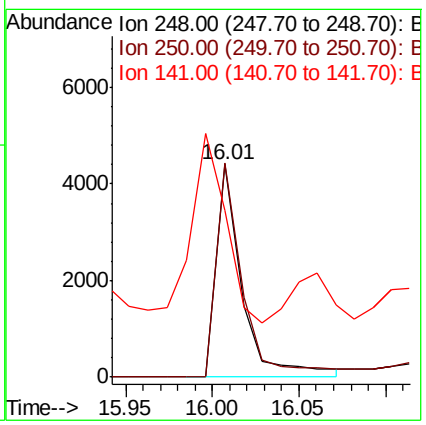


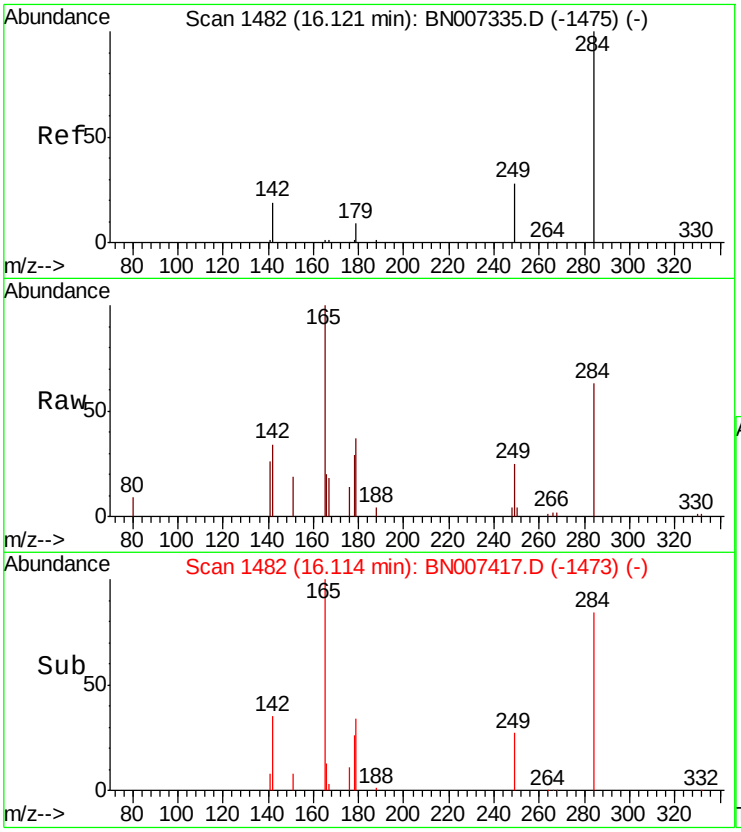


#20
4-Bromophenyl-phenylether
Concen: 0.501 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:248 Resp: 4525

Ion	Ratio	Lower	Upper
248	100		
250	101.0	85.0	127.6
141	78.8	51.7	77.5#



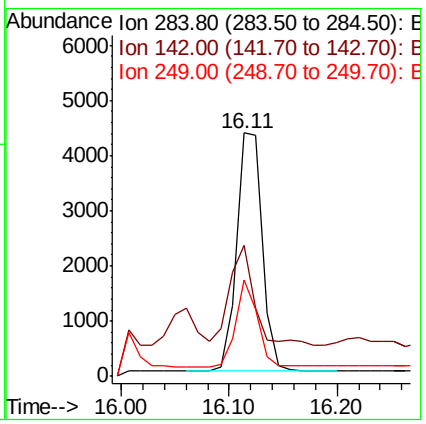


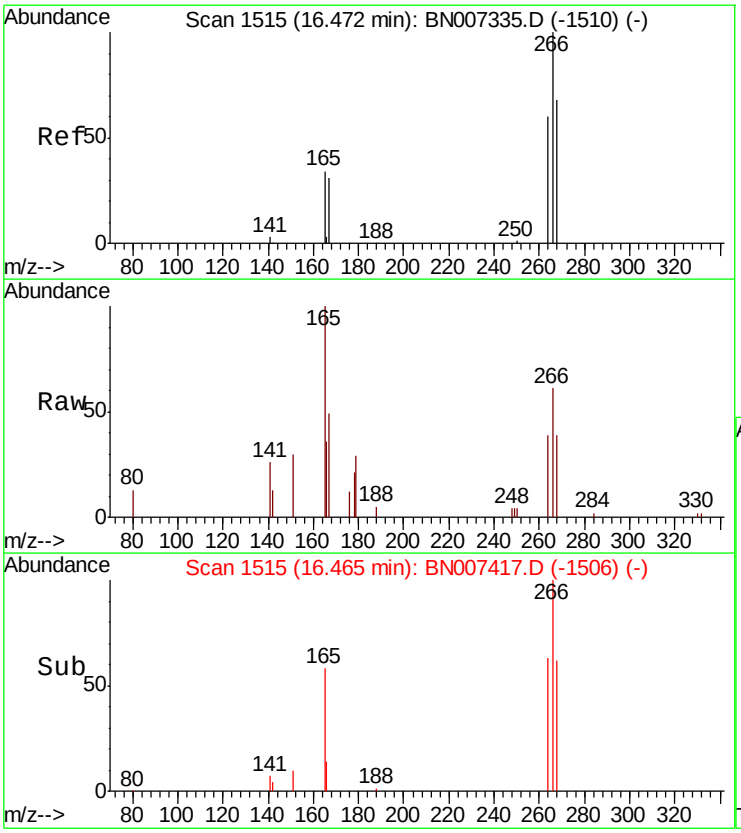
#21
Hexachlorobenzene
Concen: 0.458 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:284 Resp: 7027

Ion	Ratio	Lower	Upper
284	100		
142	39.8	29.0	43.6
249	31.4	24.9	37.3

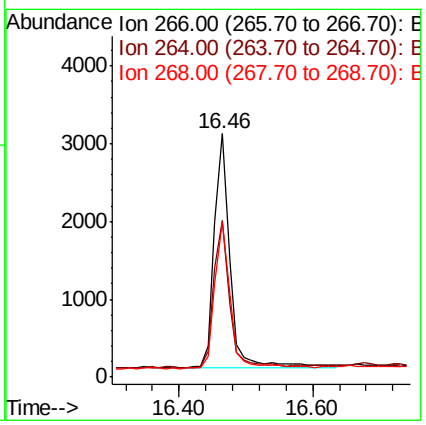


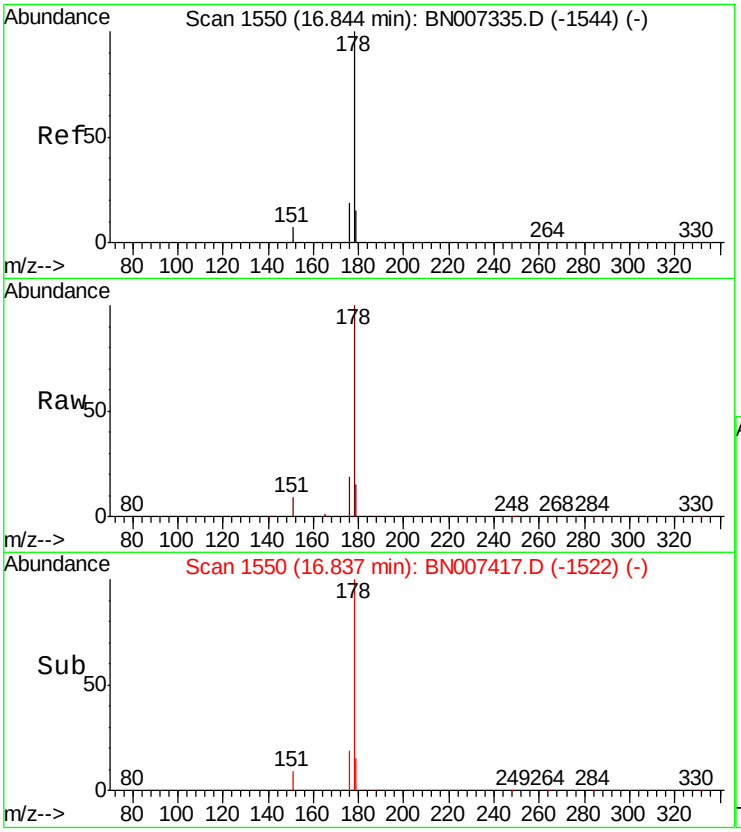


#22
Pentachlorophenol
Concen: 1.018 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:266 Resp: 4857

Ion	Ratio	Lower	Upper
266	100		
264	64.5	57.8	86.8
268	63.9	99.7	149.5#



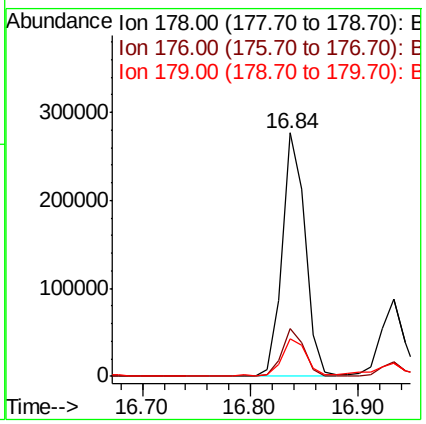


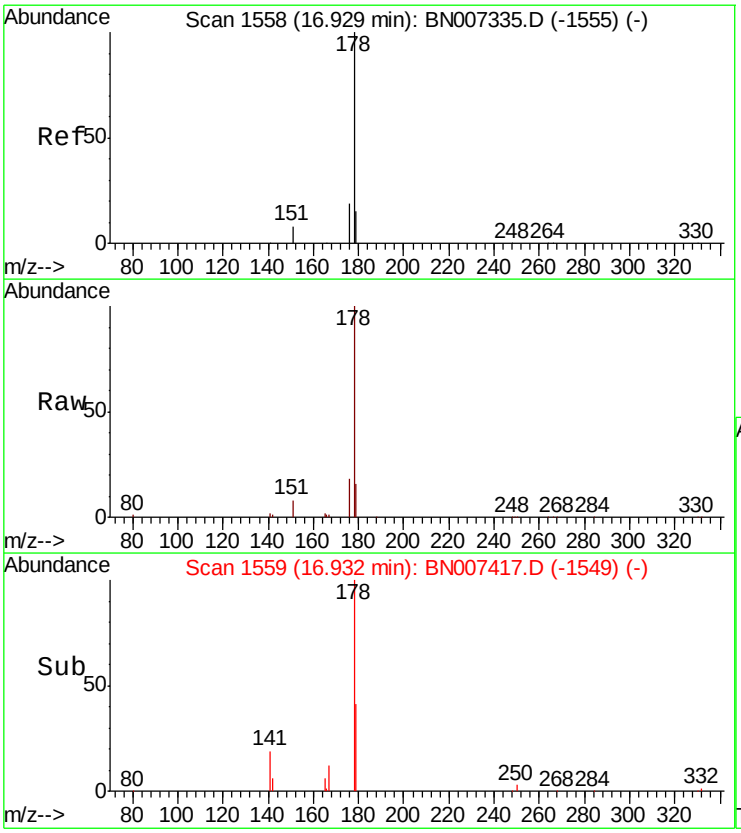
#23
Phenanthrene
Concen: 5.891 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:178 Resp: 406011

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.0	12.6	19.0

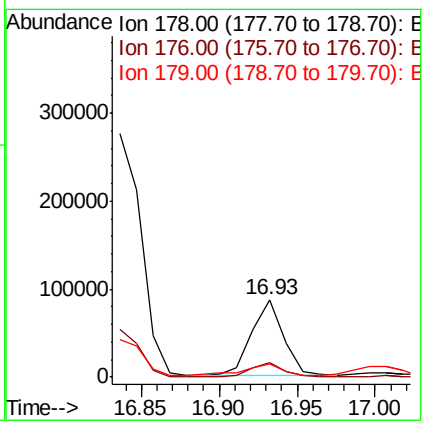


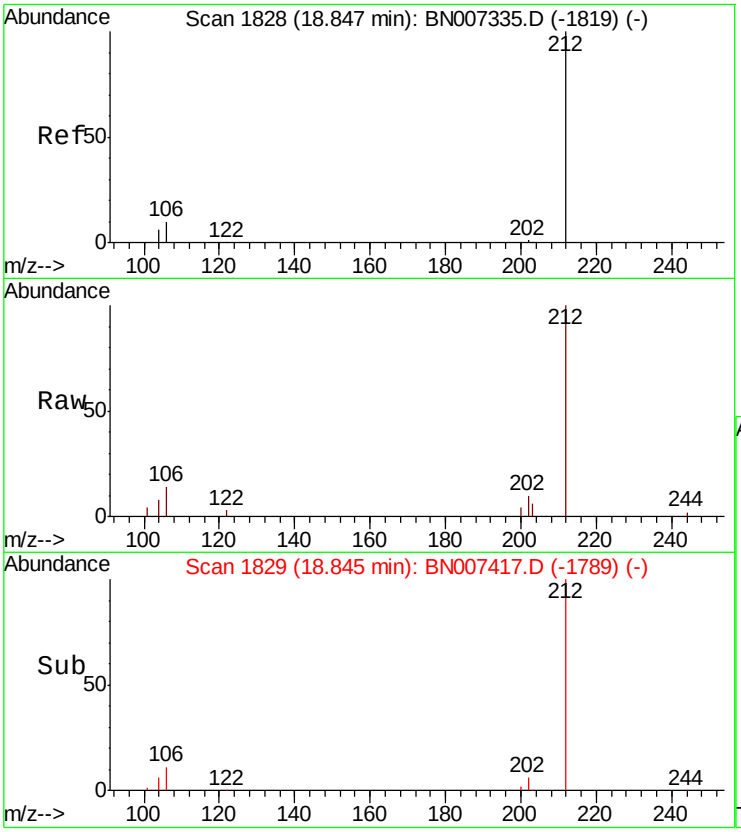


#24
Anthracene
Concen: 1.721 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:178 Resp: 119304

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	18.7	12.4	18.6#



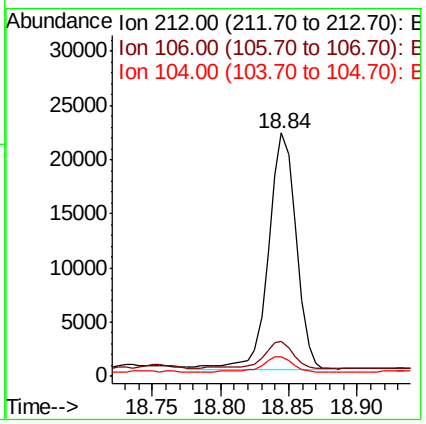


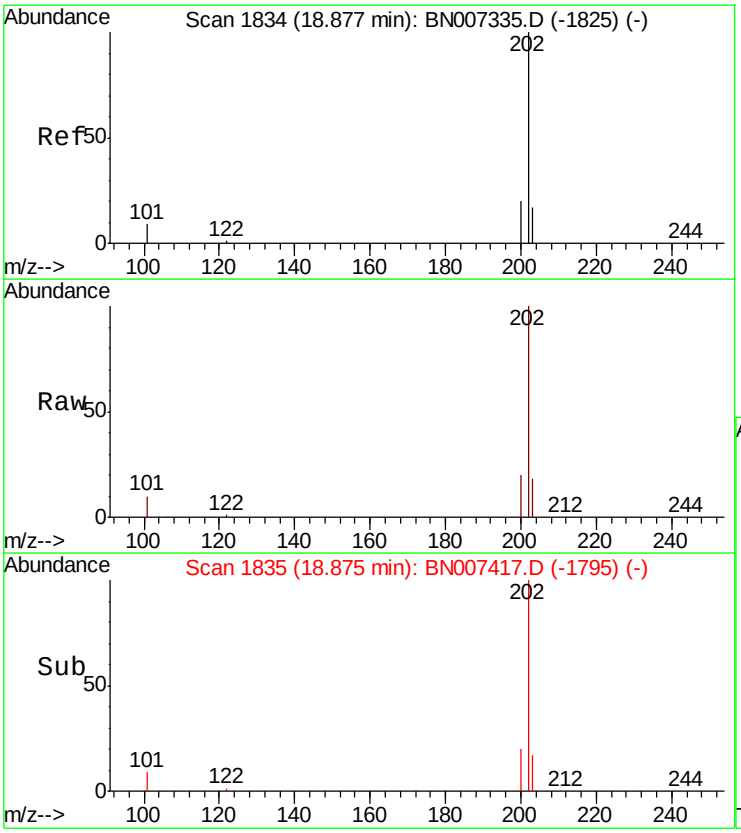
#25
Fluoranthene-d10
Concen: 0.417 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:212 Resp: 30749

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.0	13.4
104	7.5	5.4	8.2

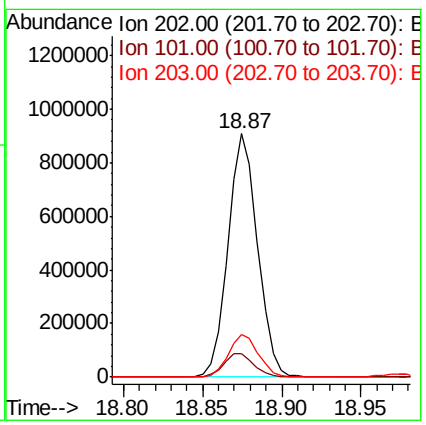


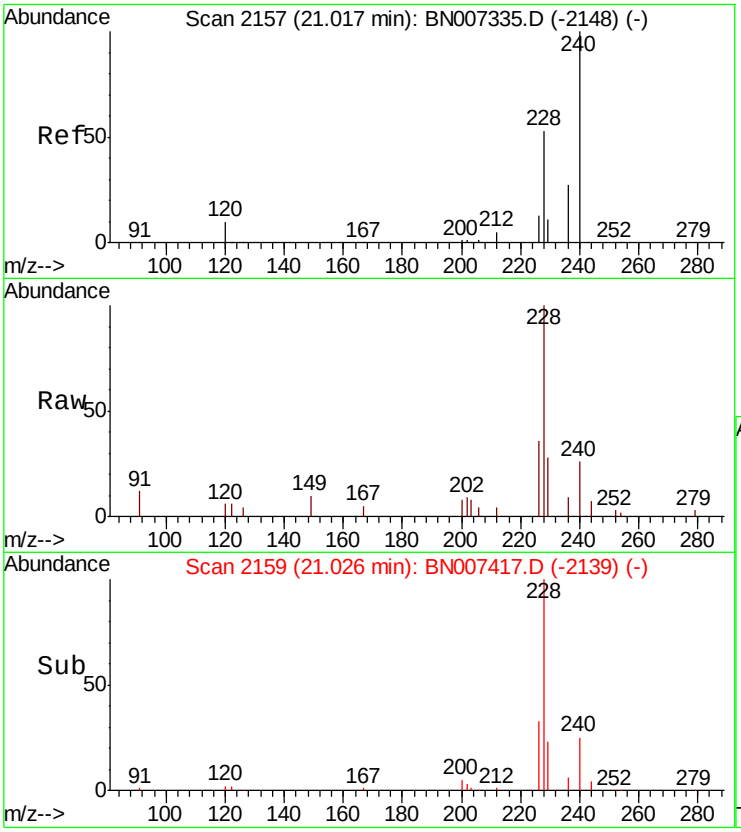


#26
Fluoranthene
Concen: 13.349 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:202 Resp: 1181165

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.7	11.5
203	17.5	13.7	20.5



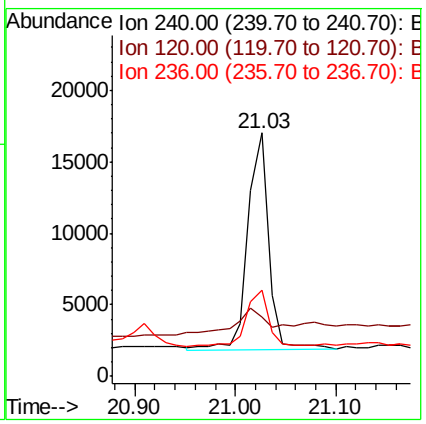


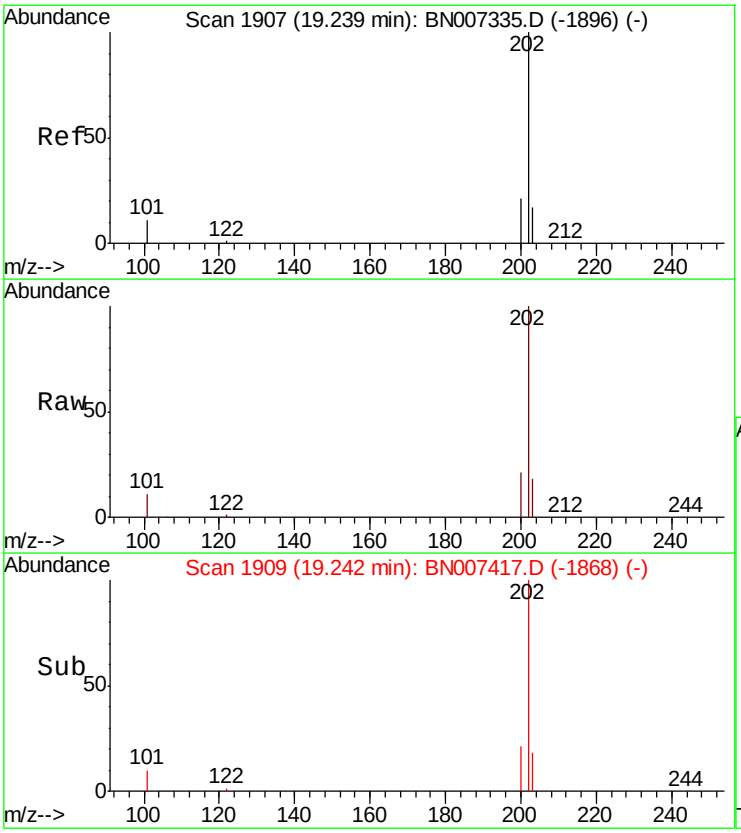
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:240 Resp: 21985

Ion	Ratio	Lower	Upper
240	100		
120	24.2	9.6	14.4#
236	35.5	22.2	33.2#

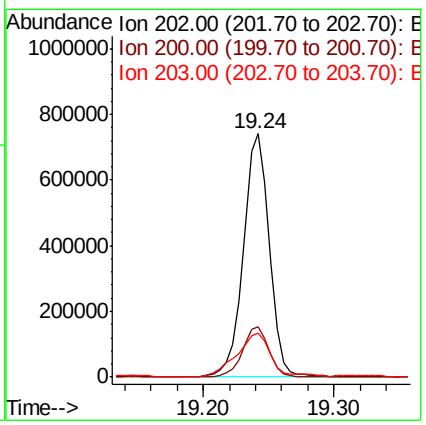


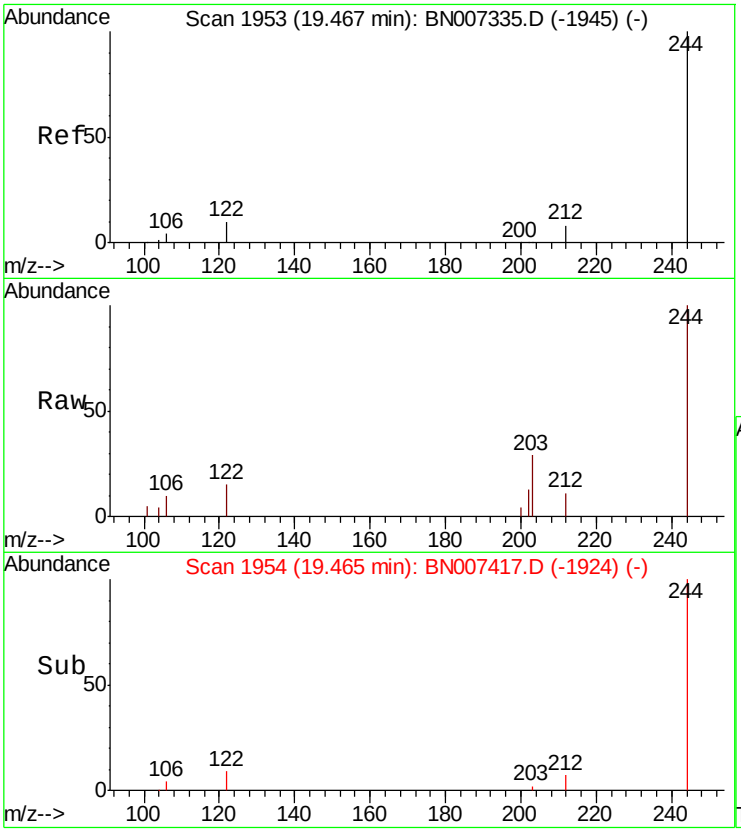


#28
Pyrene
Concen: 11.607 ng
RT: 19.24 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:202 Resp: 1026500

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	23.5	14.2	21.4#



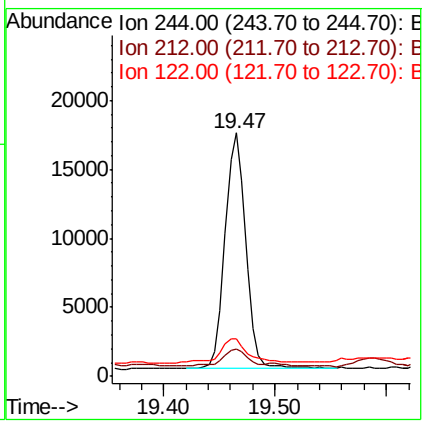


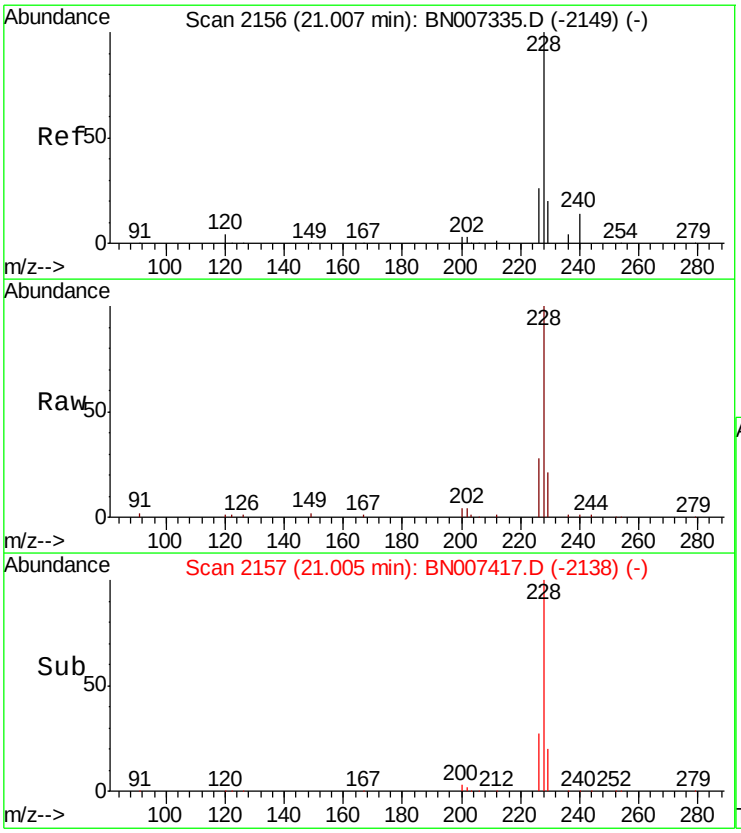
#29
Terphenyl-d14
Concen: 0.382 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:244 Resp: 21994

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.0	10.6#
122	15.2	9.6	14.4#

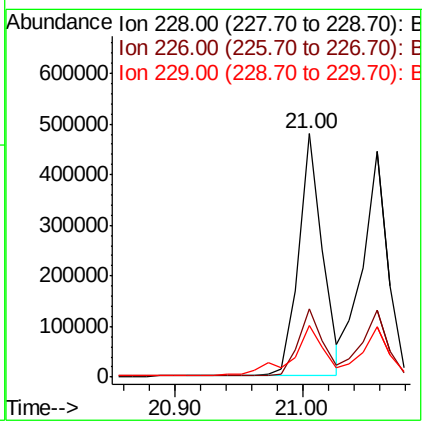


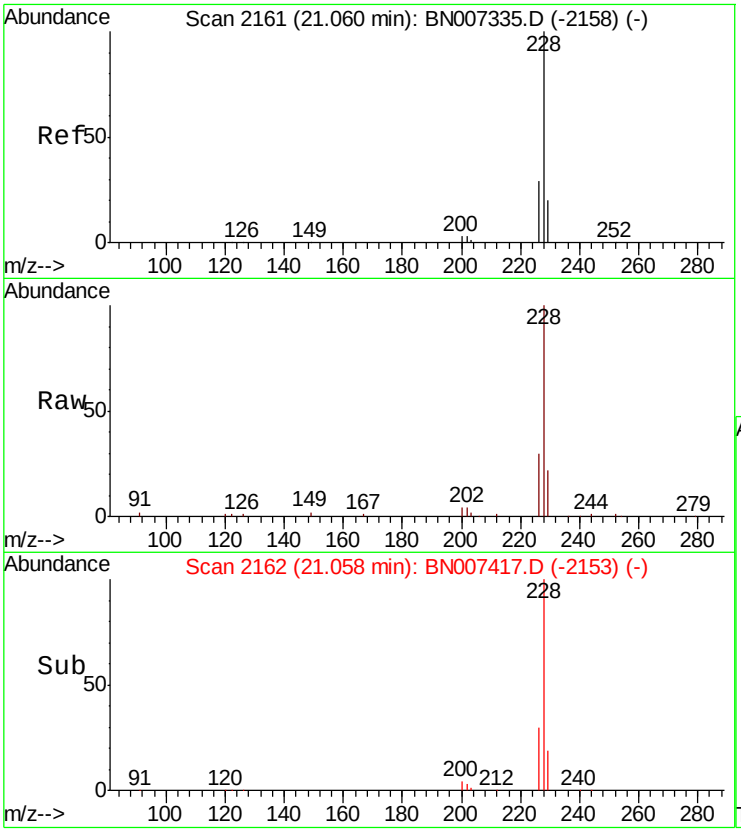


#30
Benzo(a)anthracene
Concen: 7.263 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:228 Resp: 627054

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	21.0	16.1	24.1



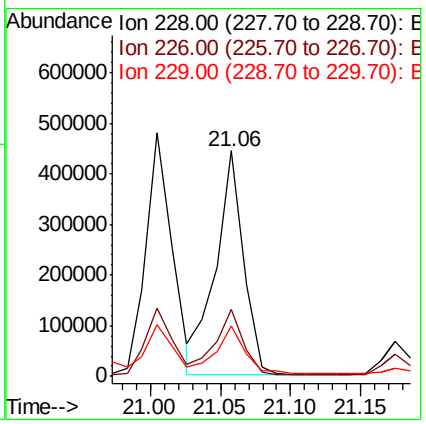


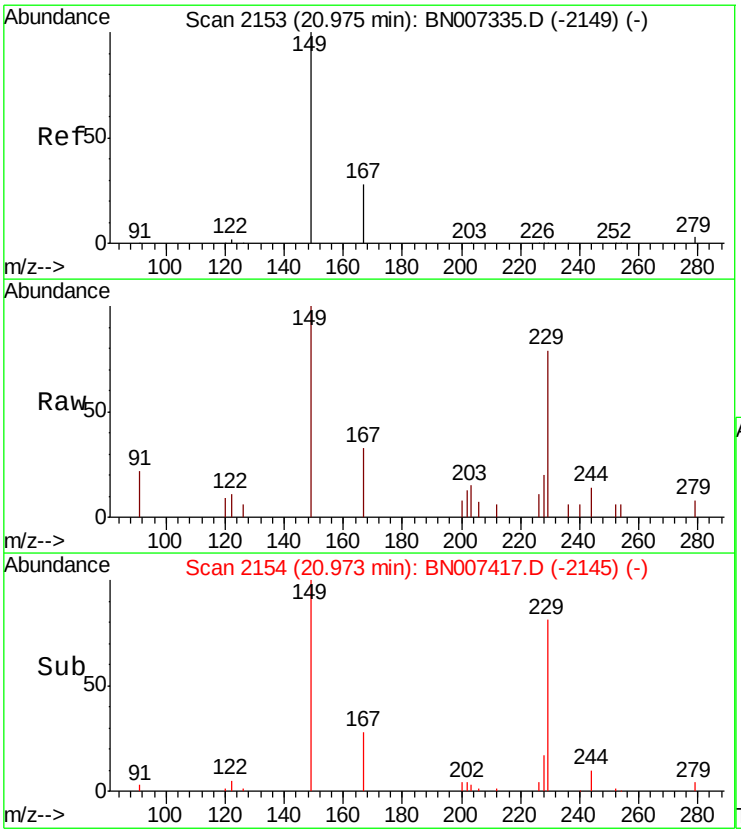
#31
Chrysene
Concen: 7.335 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:228 Resp: 611292

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	22.1	16.6	24.8

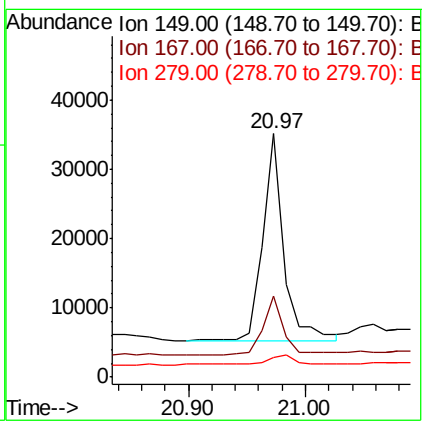


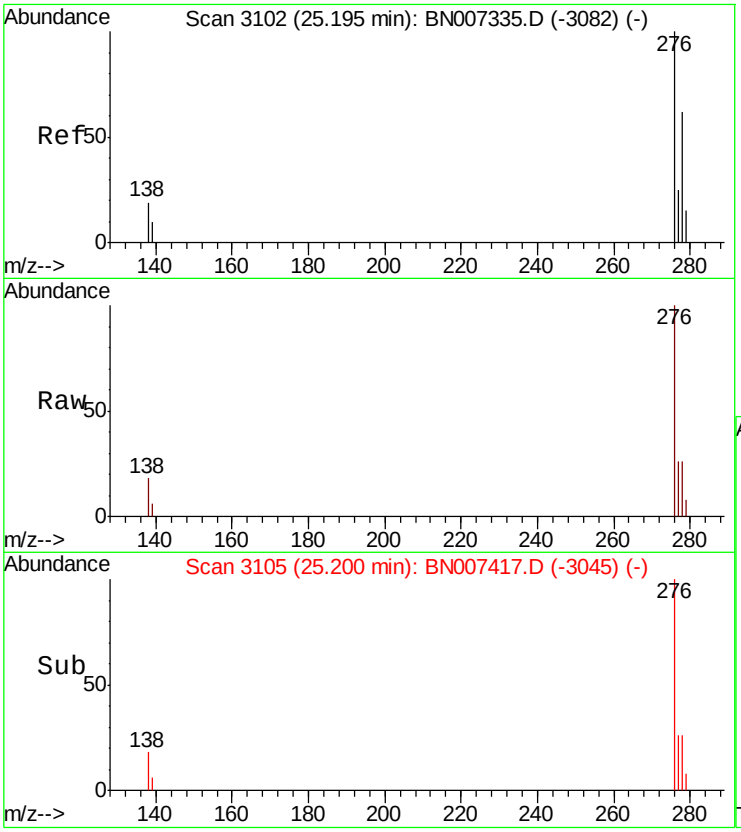


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.654 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:149 Resp: 37586

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.8	34.2
279	5.2	3.5	5.3



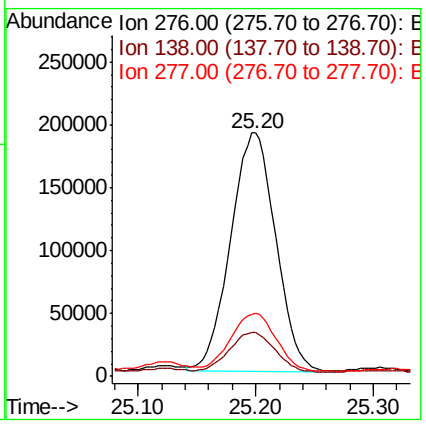


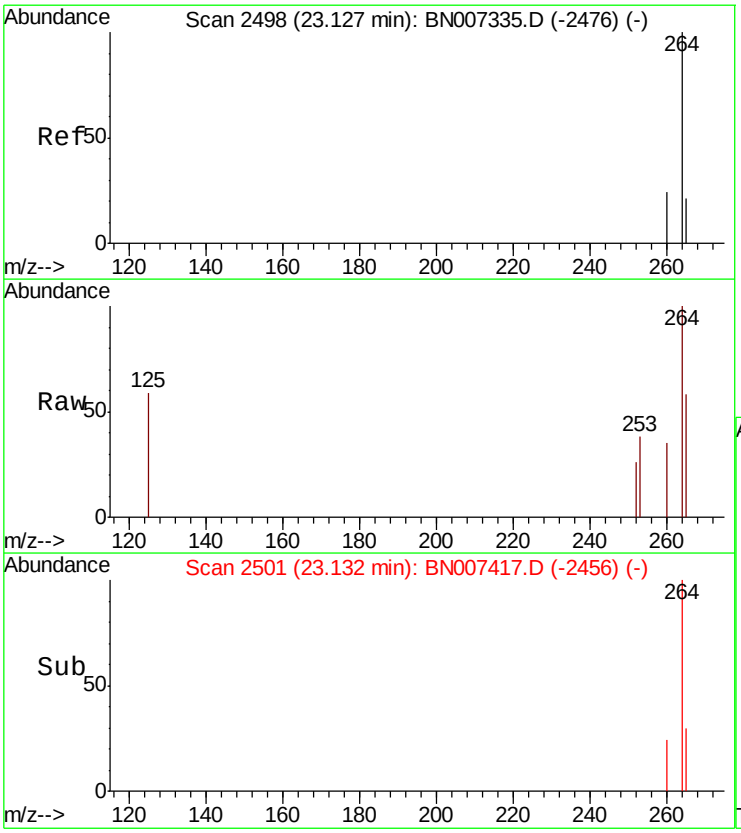
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.046 ng
RT: 25.20 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:276 Resp: 506582

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.1	22.7
277	24.6	19.7	29.5

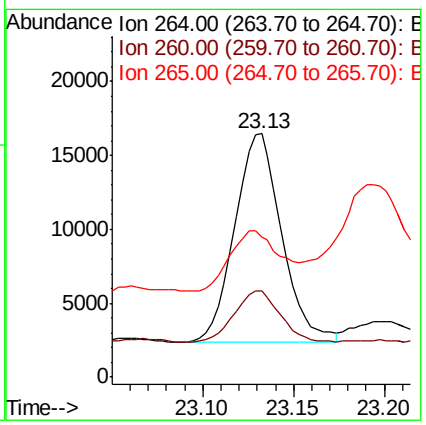


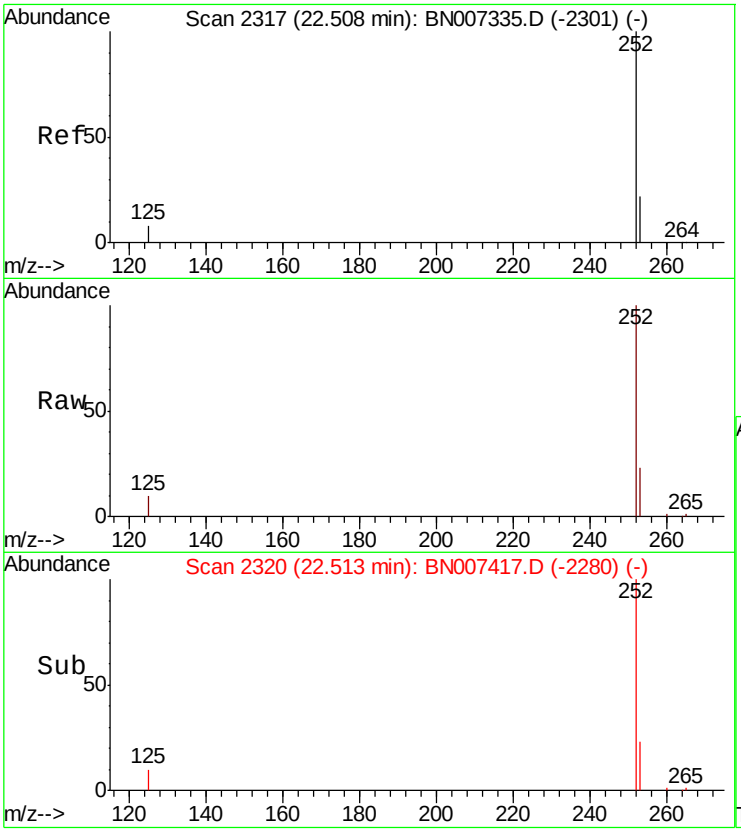


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:264 Resp: 25449

Ion	Ratio	Lower	Upper
264	100		
260	35.5	19.7	29.5#
265	57.6	29.9	44.9#



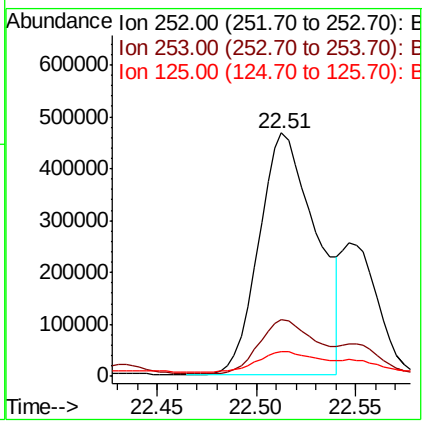


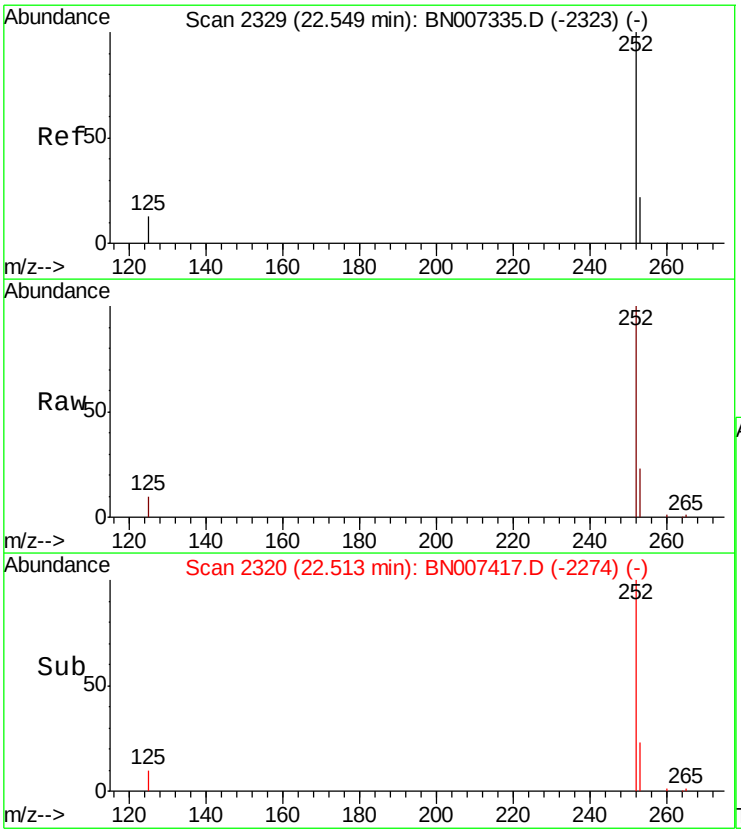
#35
Benzo(b)fluoranthene
Concen: 10.128 ng
RT: 22.51 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:252 Resp: 933898

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	10.3	10.6	16.0#

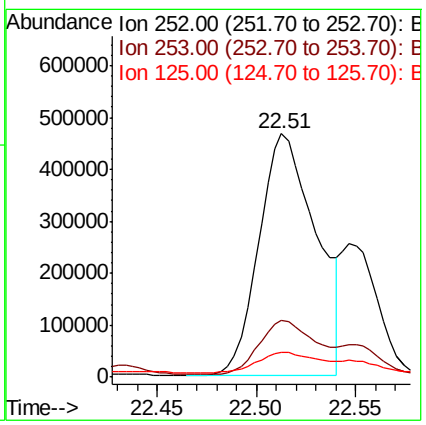


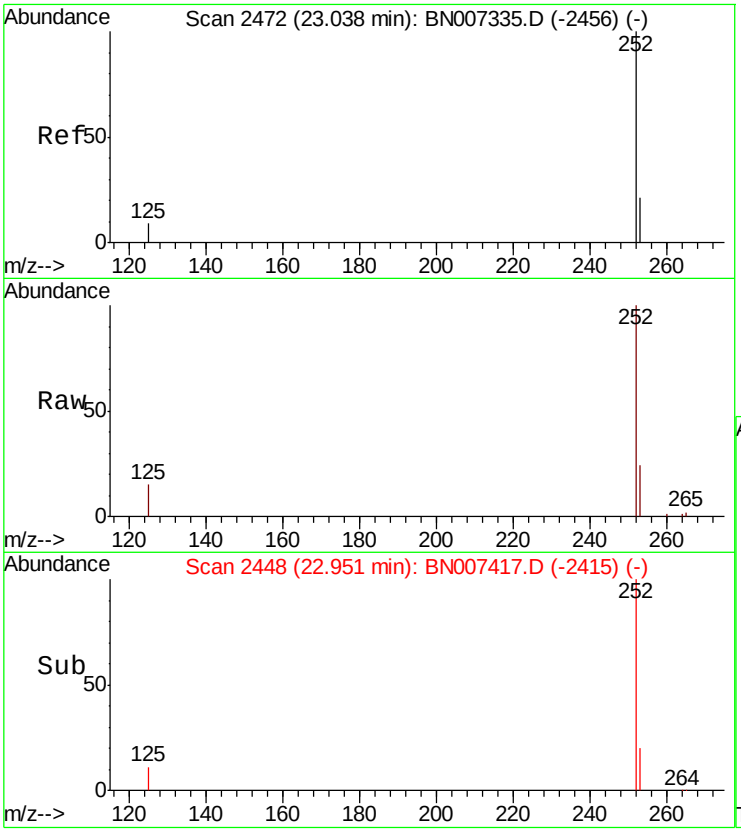


#36
Benzo(k)fluoranthene
Concen: 10.248 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.04 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:252 Resp: 933898

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	10.3	13.1	19.7#



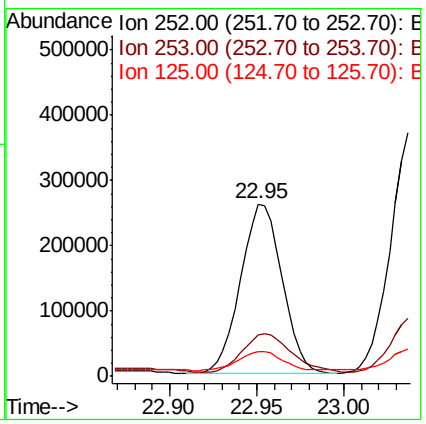


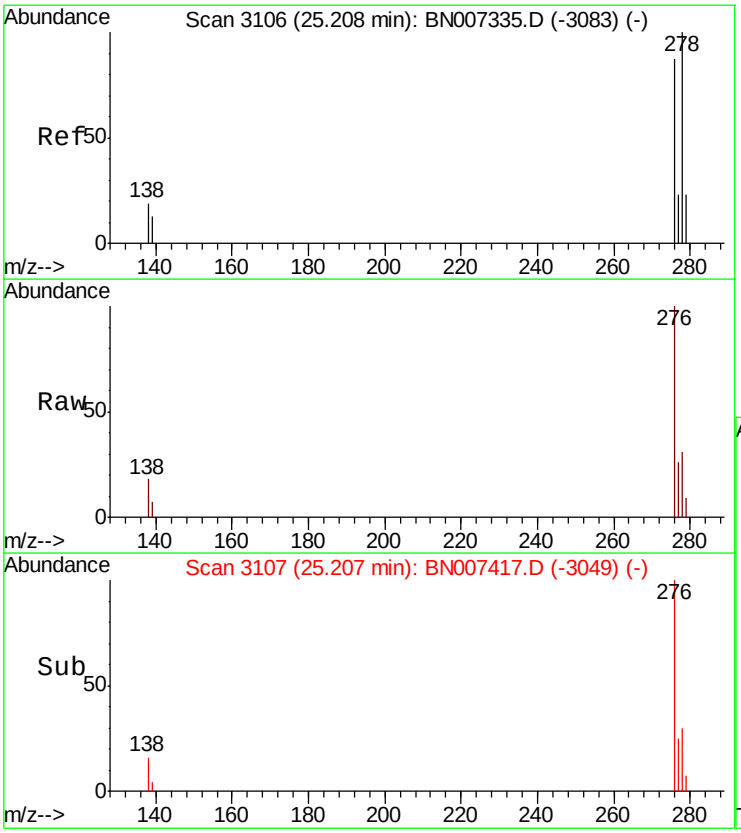
#37
Benzo(a)pyrene
Concen: 4.929 ng
RT: 22.95 min Scan# 2448
Delta R.T. -0.09 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:252 Resp: 432536

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.5	29.3
125	14.7	12.1	18.1

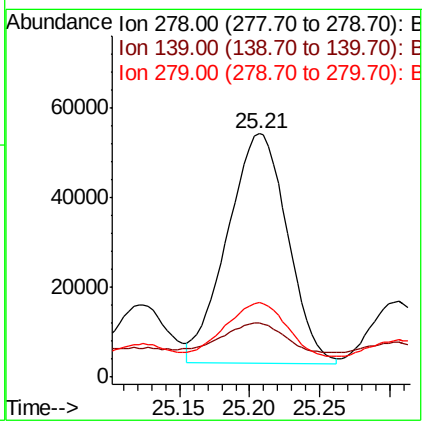


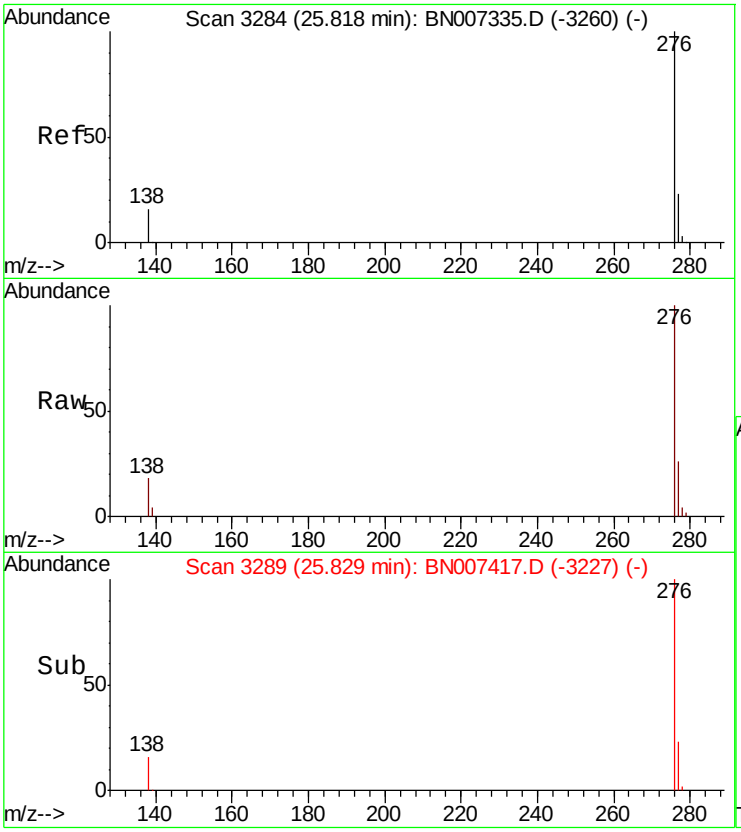


#38
Dibenzo(a,h)anthracene
Concen: 1.751 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:278 Resp: 153331

Ion	Ratio	Lower	Upper
278	100		
139	22.3	13.7	20.5#
279	30.5	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 5.639 ng
RT: 25.83 min Scan# 3289
Delta R.T. 0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tgt Ion:276 Resp: 491882

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.6	29.4
138	18.0	16.3	24.5