Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
Data File : BN007425.D
Acq On : 27 Aug 2019 00:24
Operator : HP/JU
Sample : PB122534BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122534BSD

Quant Time: Aug 27 05:48:10 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	5138	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	19672	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	10541	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	20727	0.40	ng		0.00
27) Chrysene-d12	21.02	240	22449	0.40	ng		0.00
34) Perylene-d12	23.13	264	25926	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	6229	0.35	ng		0.00
5) Phenol-d6	6.59	99	7779	0.34	ng		0.00
8) Nitrobenzene-d5	8.53	82	6083	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	12424	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1814	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	14406	0.34	ng		0.00
25) Fluoranthene-d10	18.85	212	26226	0.39	ng		0.00
29) Terphenyl-d14	19.46	244	20463	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2390	0.280	ng	#	98
3) n-Nitrosodimethylamine	3.32	42	1223	0.308	ng	#	73
6) bis(2-Chloroethyl)ether	6.84	93	6512	0.351	ng		94
9) Naphthalene	10.20	128	20721	0.369	ng	#	91
10) Hexachlorobutadiene	10.51	225	3945	0.343	ng	#	98
12) 2-Methylnaphthalene	11.83	142	13780	0.360	ng		96
16) Acenaphthylene	13.76	152	20609	0.330	ng		99
17) Acenaphthene	14.11	154	11968	0.328	ng		99
18) Fluorene	15.10	166	14679	0.318	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	1942	0.238	ng		92
21) Hexachlorobenzene	16.12	284	5156	0.371	ng		96
22) Pentachlorophenol	16.46	266	3314	0.768	ng	#	62
23) Phenanthrene	16.84	178	23220	0.372	ng		99
24) Anthracene	16.93	178	22645	0.361	ng		99
26) Fluoranthene	18.88	202	31559	0.394	ng		99
28) Pyrene	19.24	202	33080	0.366	ng		99
30) Benzo(a)anthracene	21.01	228	31758	0.360	ng		97
31) Chrysene	21.06	228	31580	0.371	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	19841	0.329	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	37984	0.371	ng		99
35) Benzo(b)fluoranthene	22.50	252	32139	0.342	ng	#	89
36) Benzo(k)fluoranthene	22.55	252	34062	0.367	ng	#	92
37) Benzo(a)pyrene	23.03	252	32913	0.368	ng	#	88
38) Dibenzo(a,h)anthracene	25.21	278	31690	0.355	ng	#	87
39) Benzo(g,h,i)perylene	25.82	276	33067	0.372	ng		94

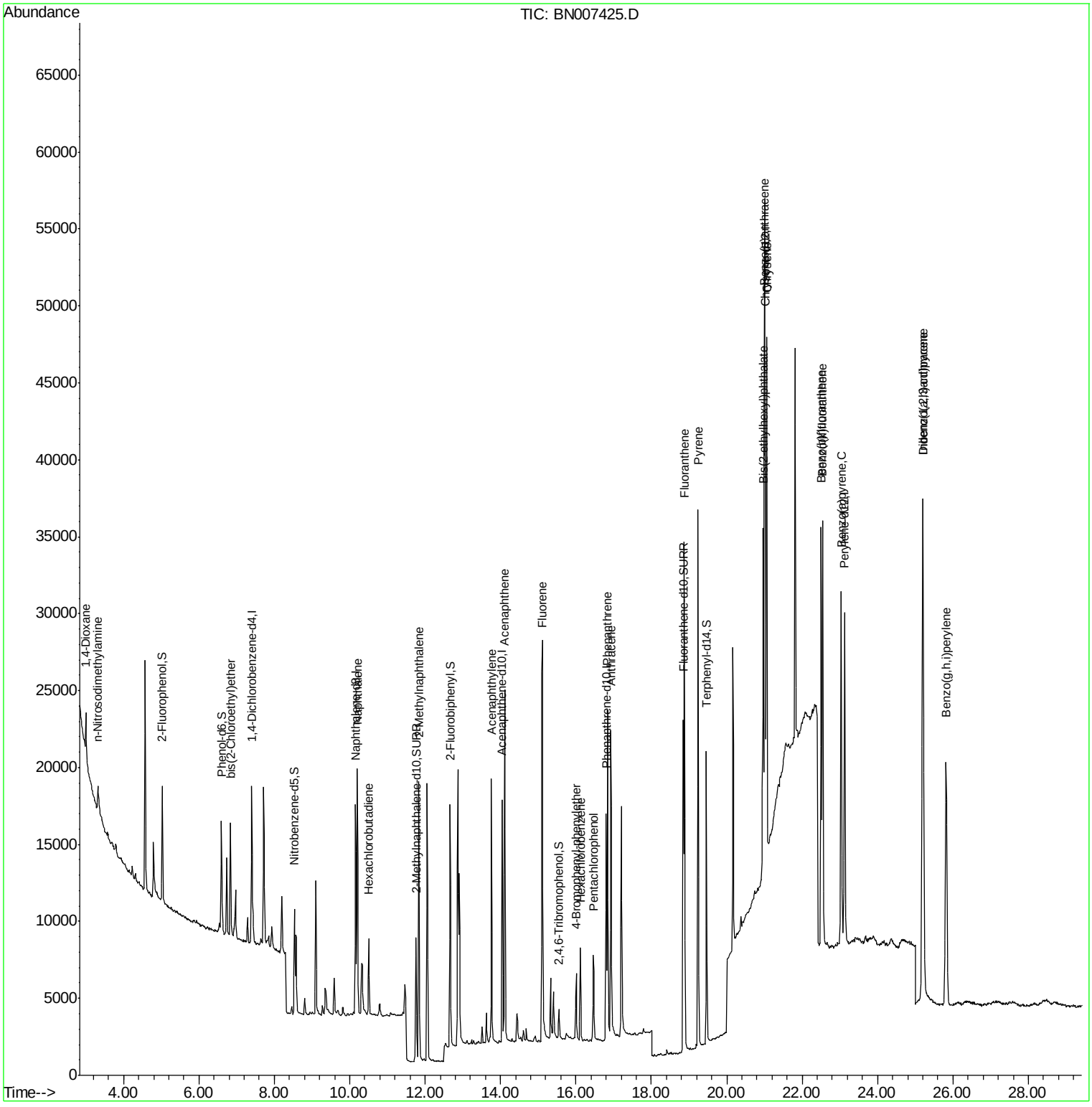
(#) = qualifier out of range (m) = manual integration (+) = signals summed

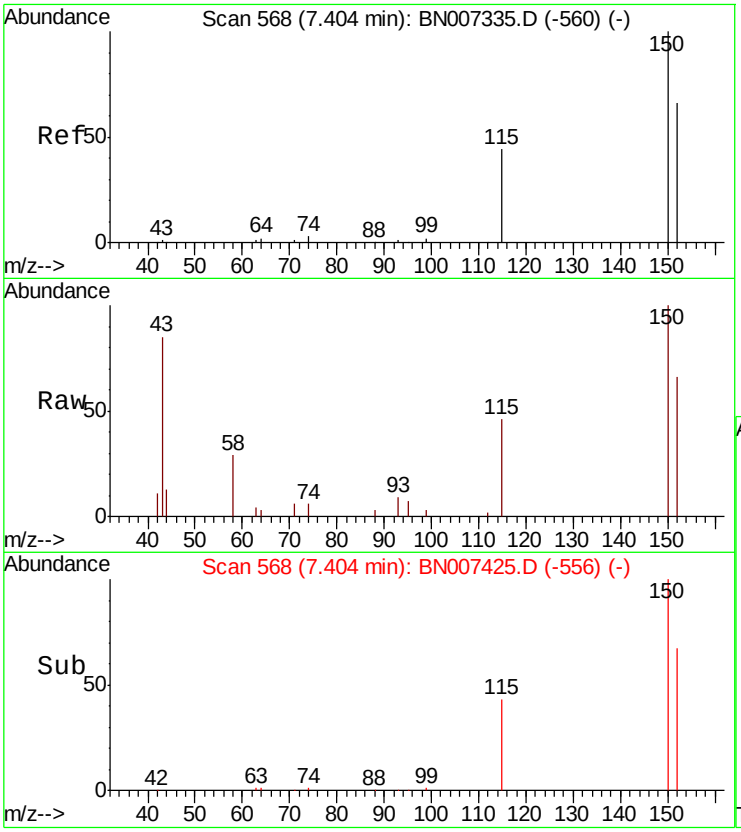
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
Data File : BN007425.D
Acq On : 27 Aug 2019 00:24
Operator : HP/JU
Sample : PB122534BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Quant Time: Aug 27 05:48:10 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



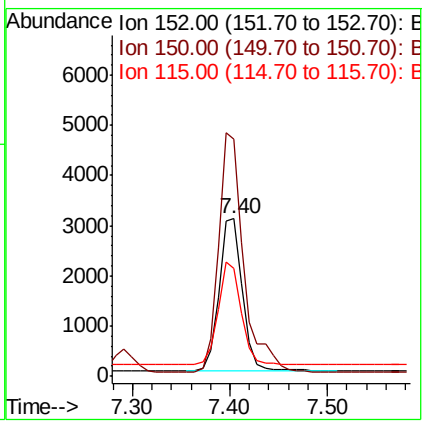


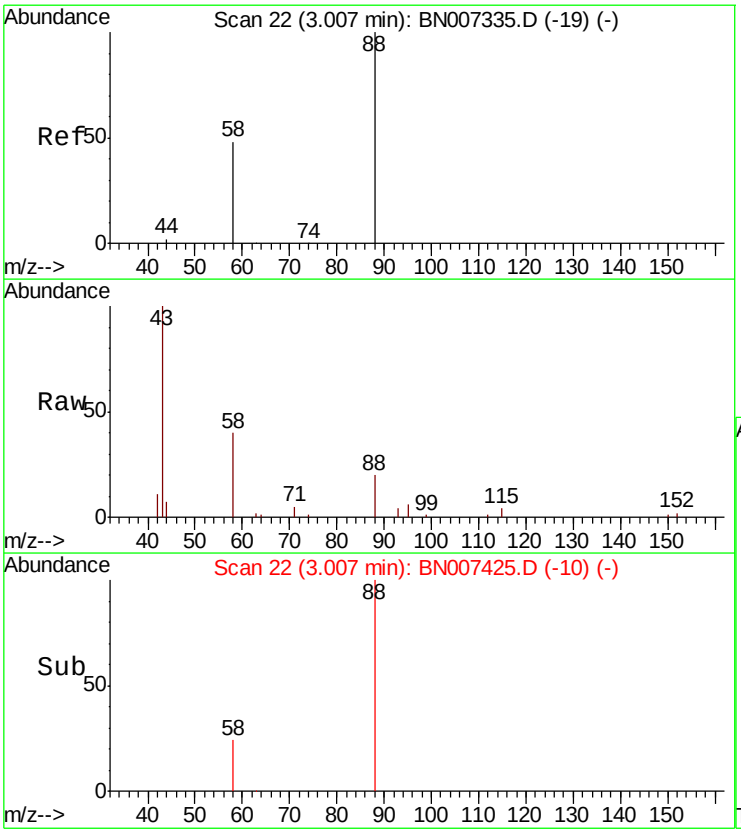
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:152 Resp: 5138

Ion	Ratio	Lower	Upper
152	100		
150	150.5	109.1	163.7
115	68.6	59.6	89.4

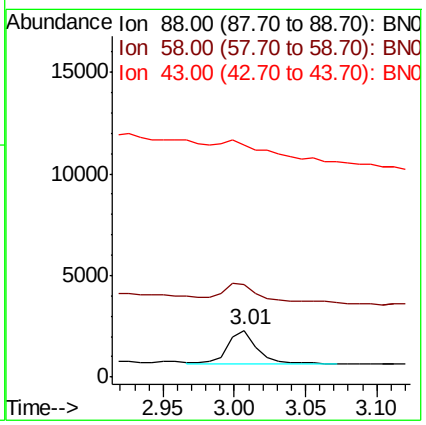


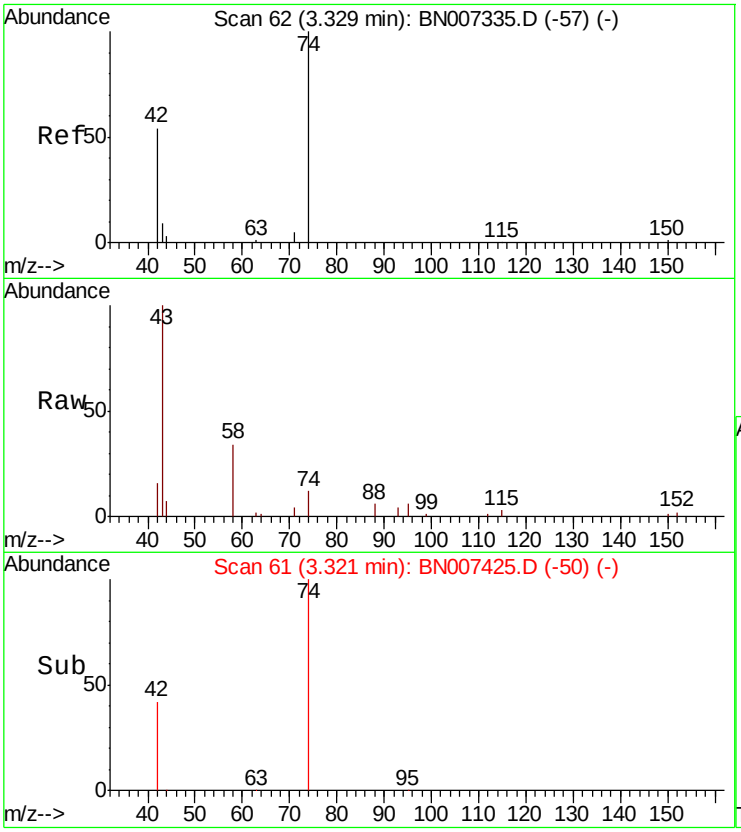


#2
1,4-Dioxane
Concen: 0.280 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion: 88 Resp: 2390

Ion	Ratio	Lower	Upper
88	100		
58	61.3	50.5	75.7
43	0.0	0.0	0.0



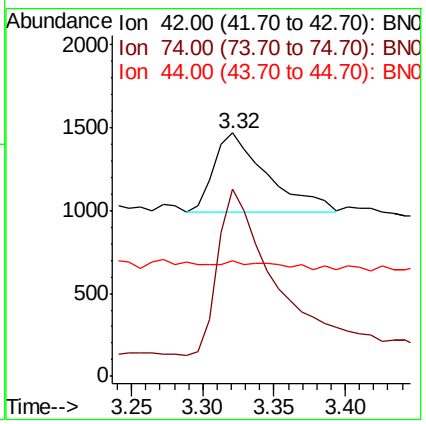


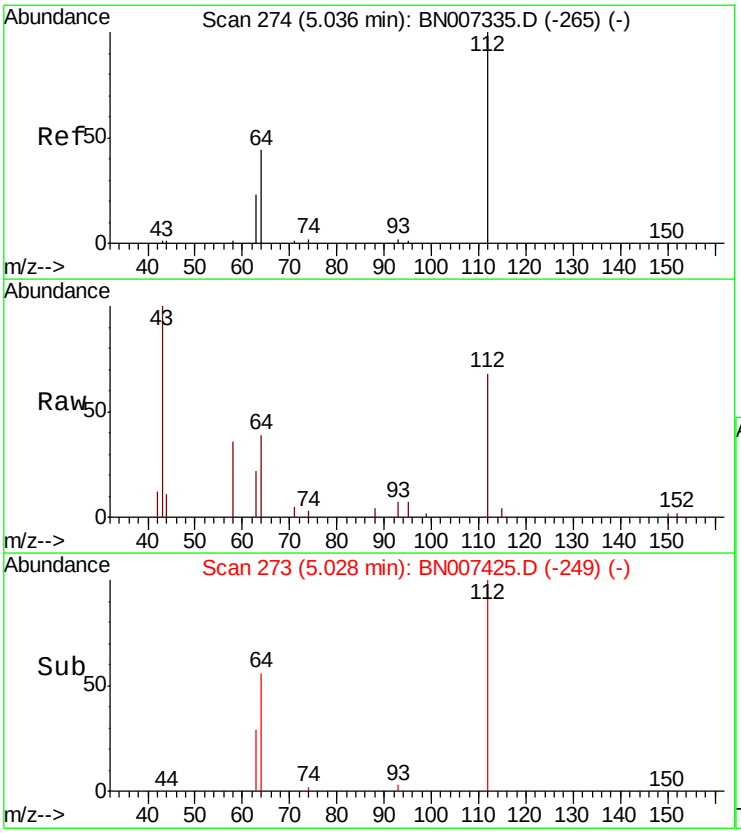
#3
n-Nitrosodimethylamine
Concen: 0.308 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion: 42 Resp: 1223

Ion	Ratio	Lower	Upper
42	100		
74	220.1	144.7	217.1#
44	10.3	3.2	4.8#

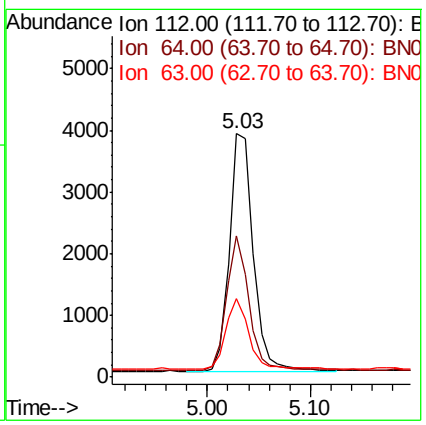


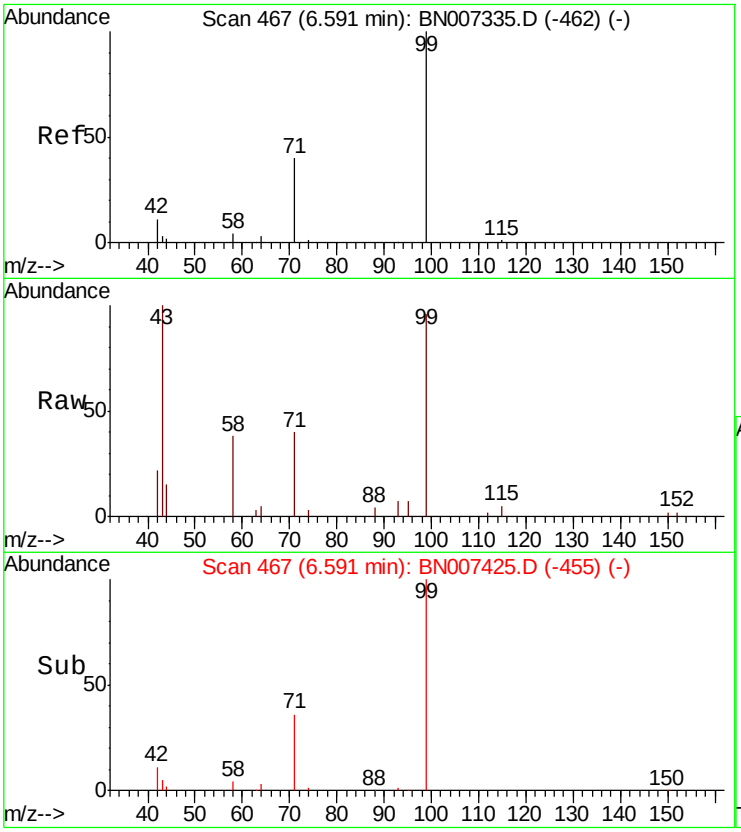


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:112 Resp: 6229

Ion	Ratio	Lower	Upper
112	100		
64	53.6	42.3	63.5
63	27.1	23.6	35.4



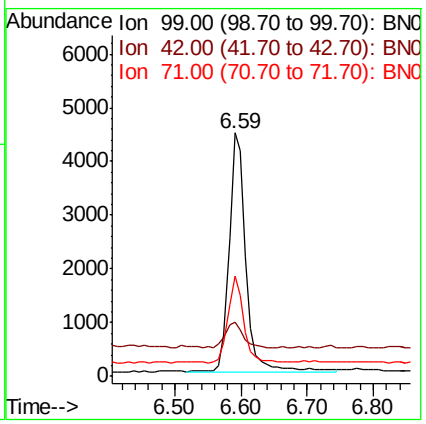


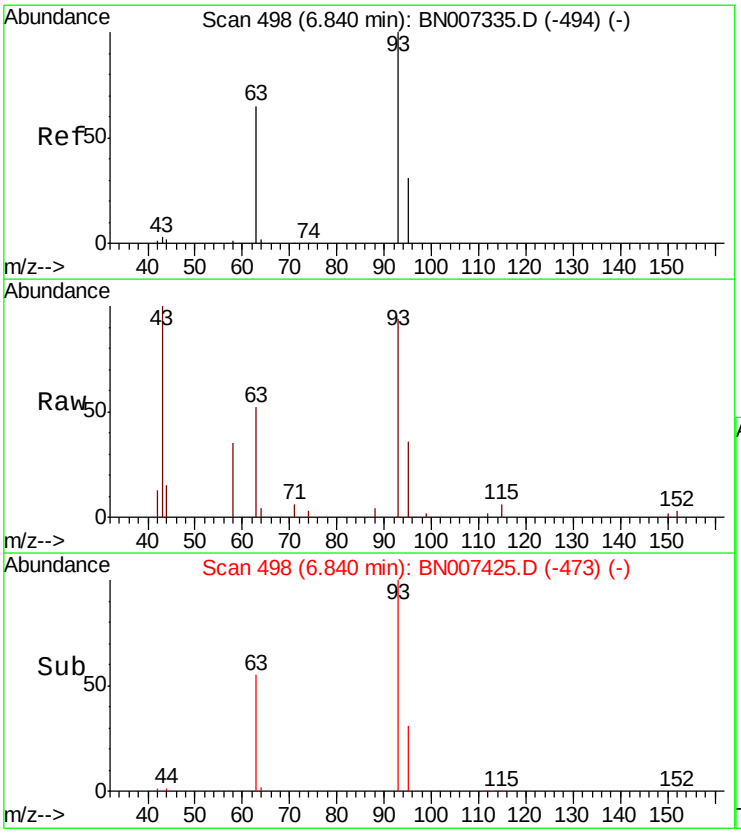
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion: 99 Resp: 7779

Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	34.6	31.8	47.8

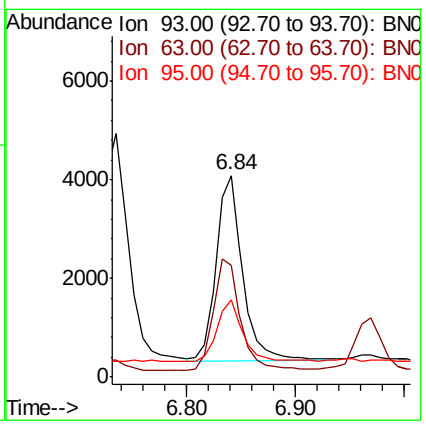


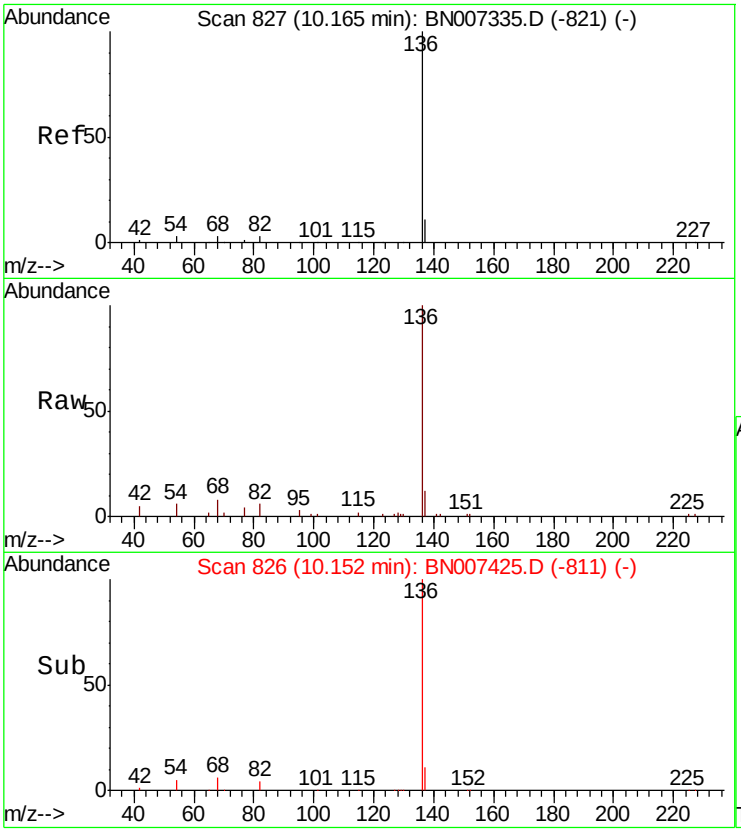


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion: 93 Resp: 6512

Ion	Ratio	Lower	Upper
93	100		
63	60.5	51.9	77.9
95	31.5	27.7	41.5



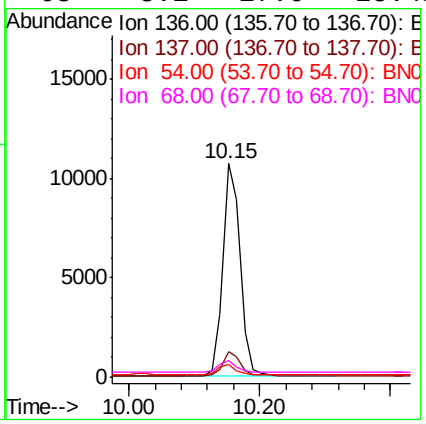


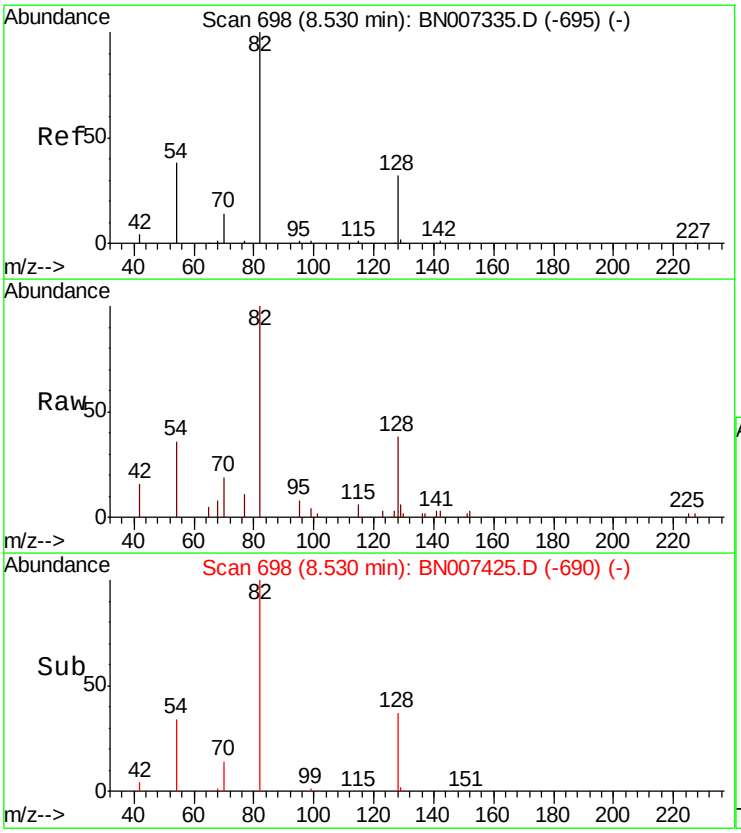
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:136 Resp: 19672

Ion	Ratio	Lower	Upper
136	100		
137	11.8	12.9	19.3#
54	6.0	8.6	12.8#
68	8.1	17.0	25.4#

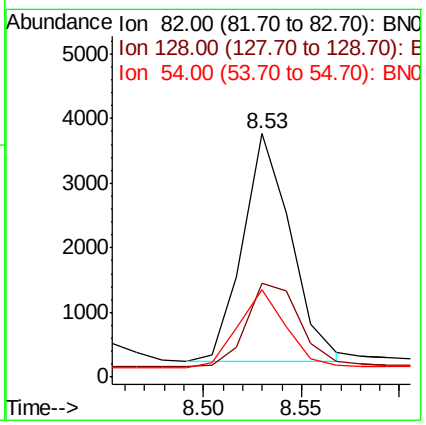


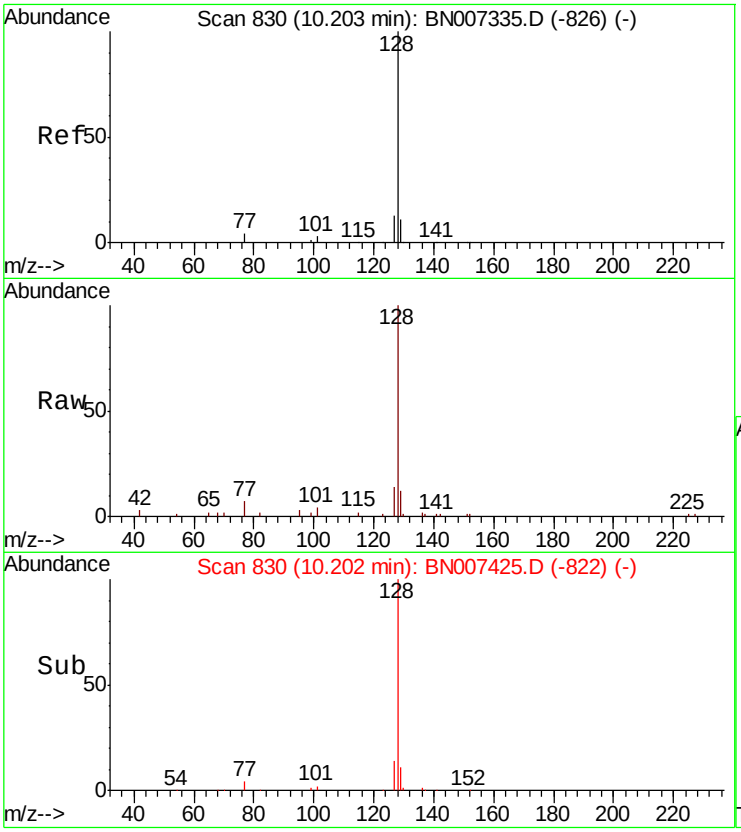


#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion: 82 Resp: 6083

Ion	Ratio	Lower	Upper
82	100		
128	38.5	19.7	29.5#
54	35.8	25.8	38.6



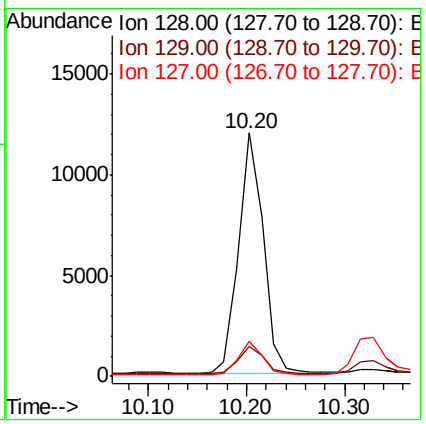


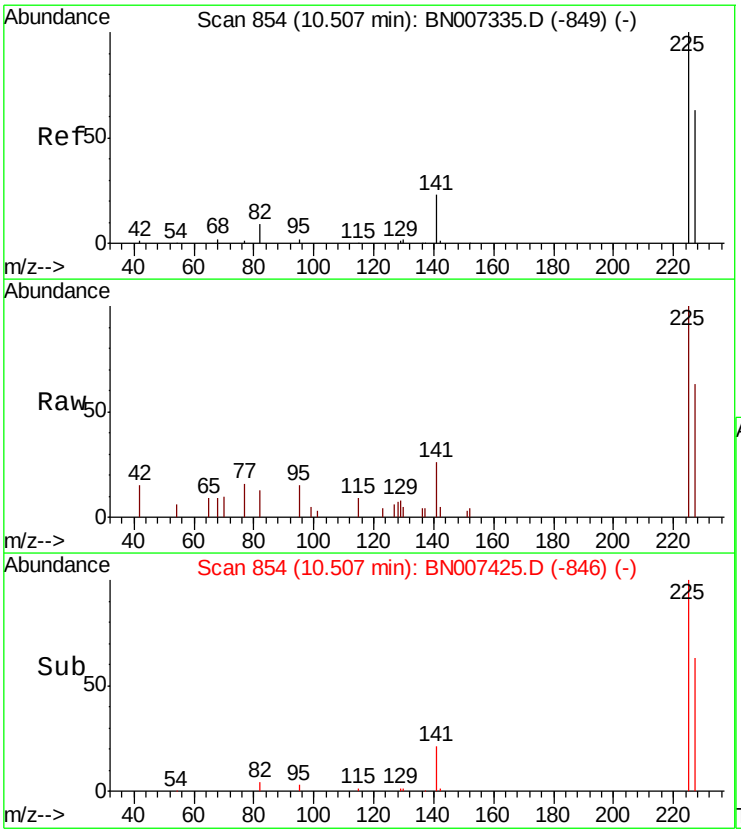
#9
Naphthalene
Concen: 0.369 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:128 Resp: 20721

Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.1	16.7
127	14.2	15.5	23.3#

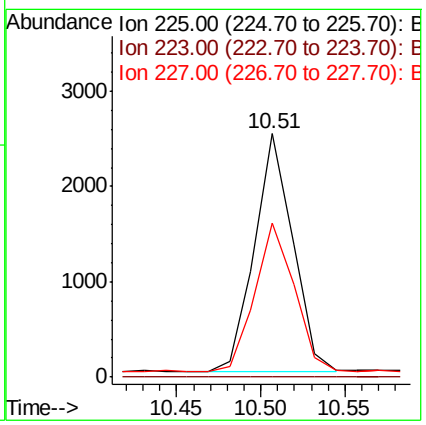


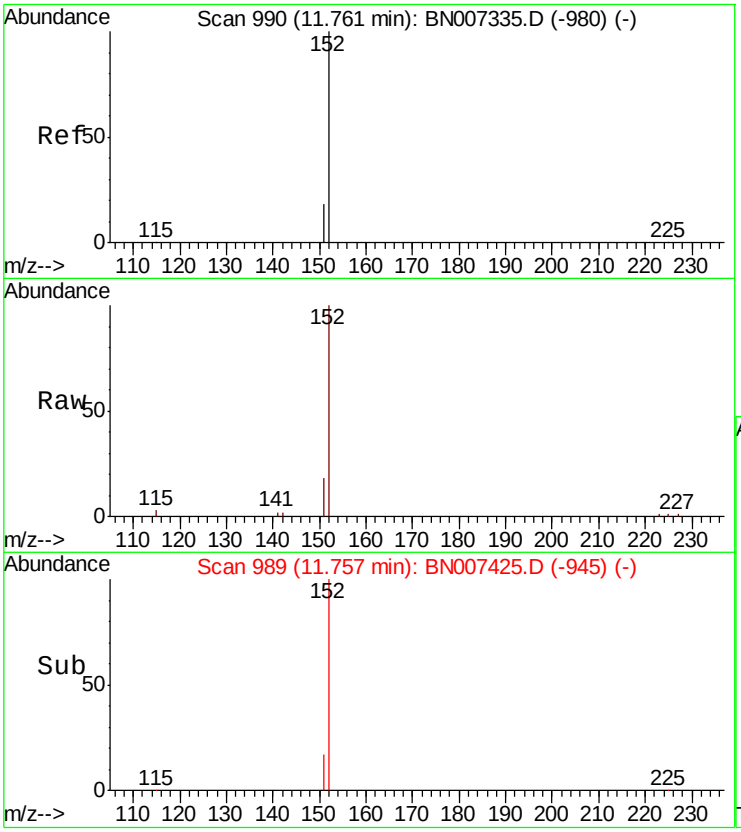


#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:225 Resp: 3945

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	50.7	76.1



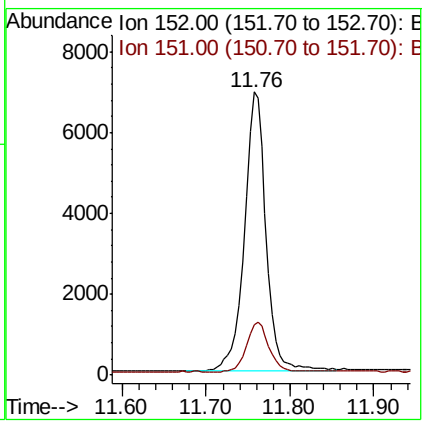


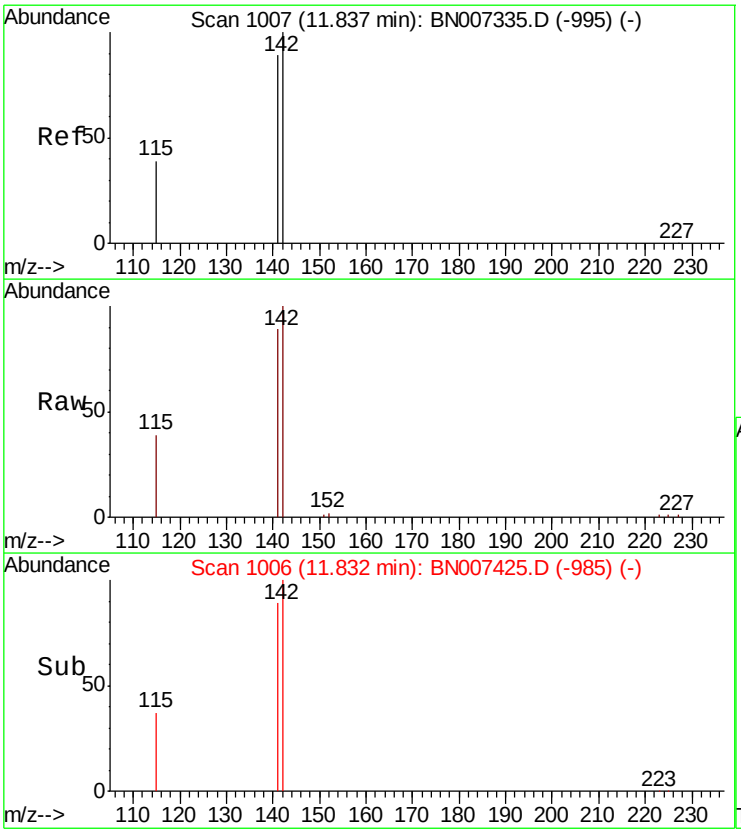
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:152 Resp: 12424

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.2	24.2

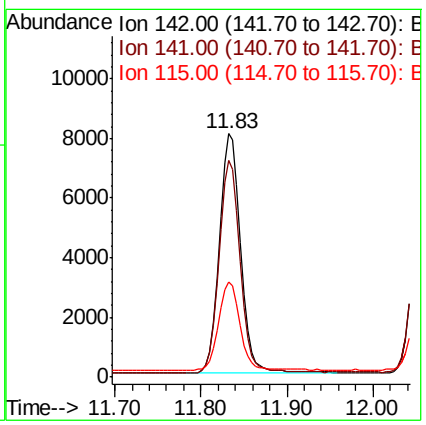


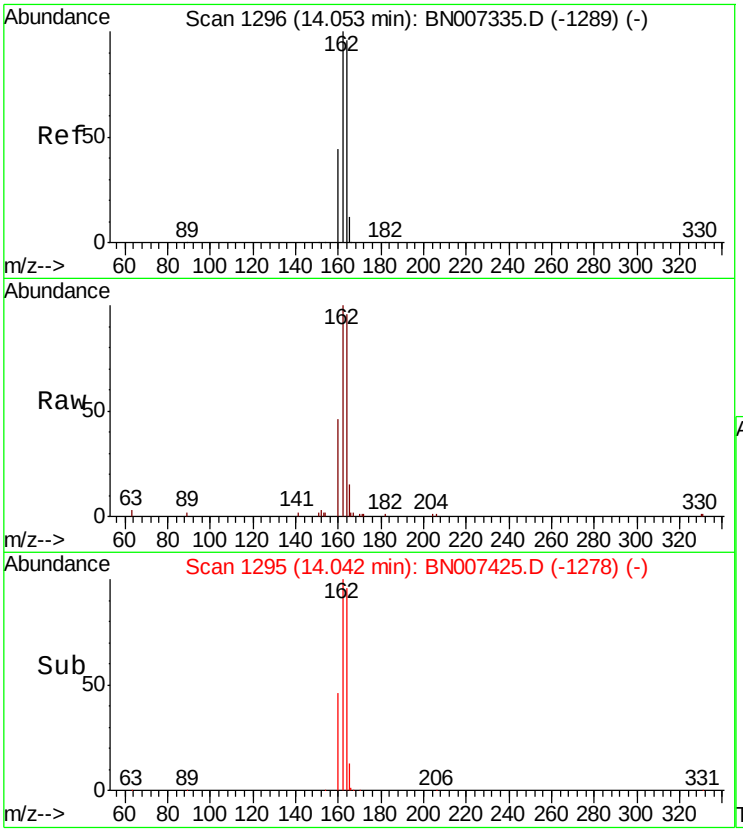


#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:142 Resp: 13780

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.8	109.2
115	39.3	35.2	52.8



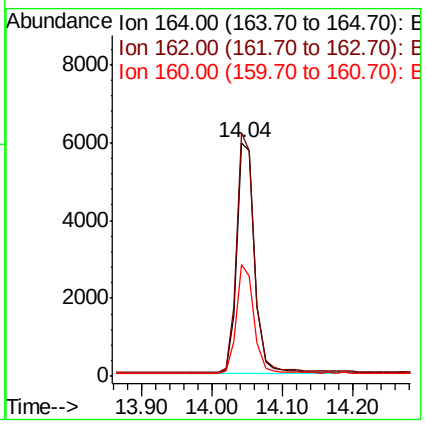


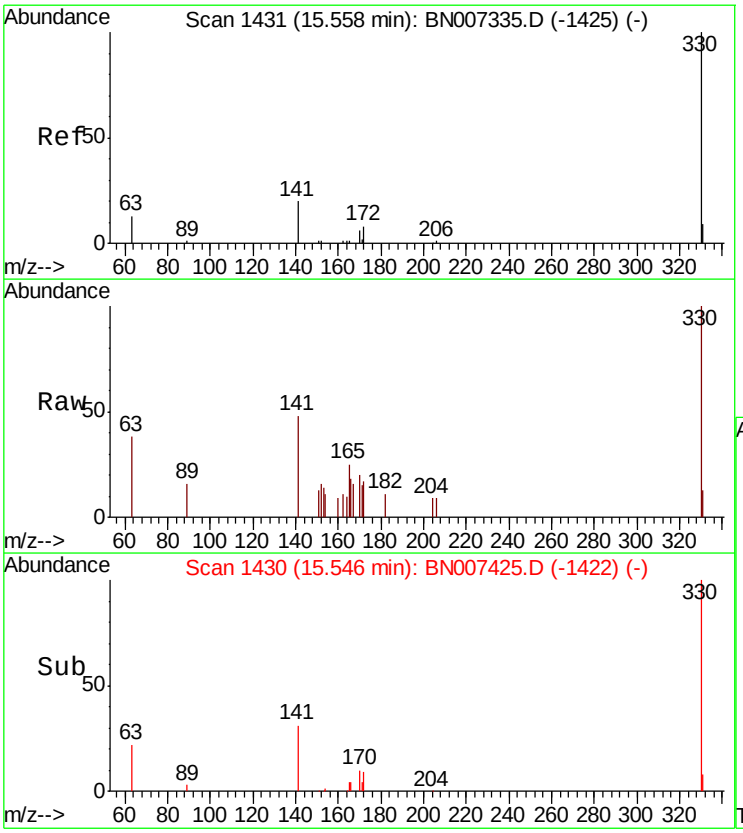
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:164 Resp: 10541

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.5	125.3
160	47.9	38.2	57.4

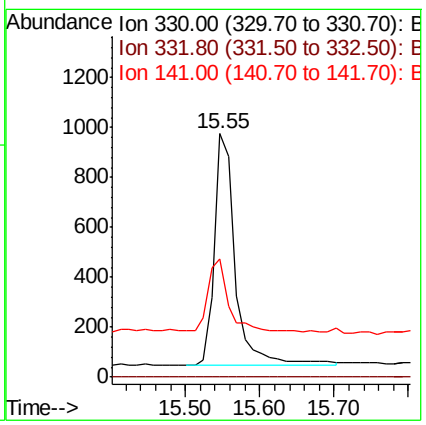


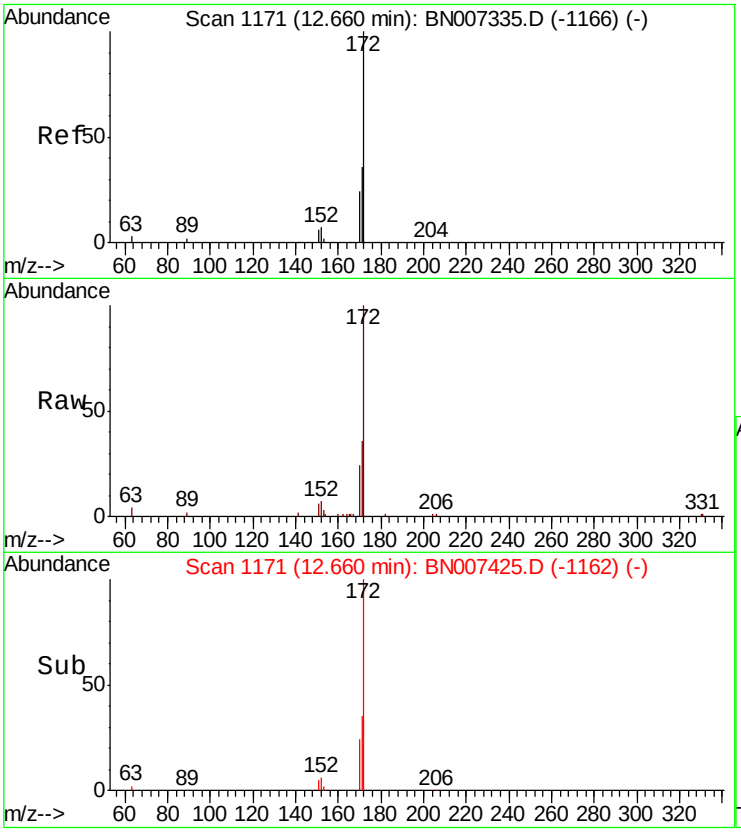


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:330 Resp: 1814

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.5	26.9	40.3



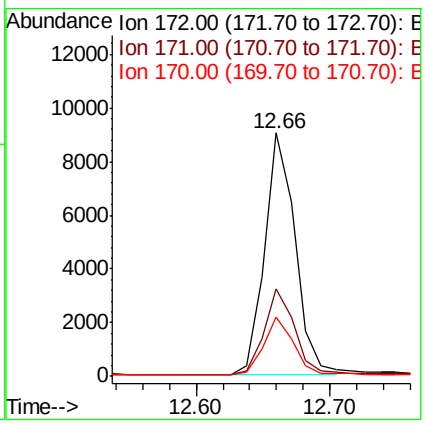


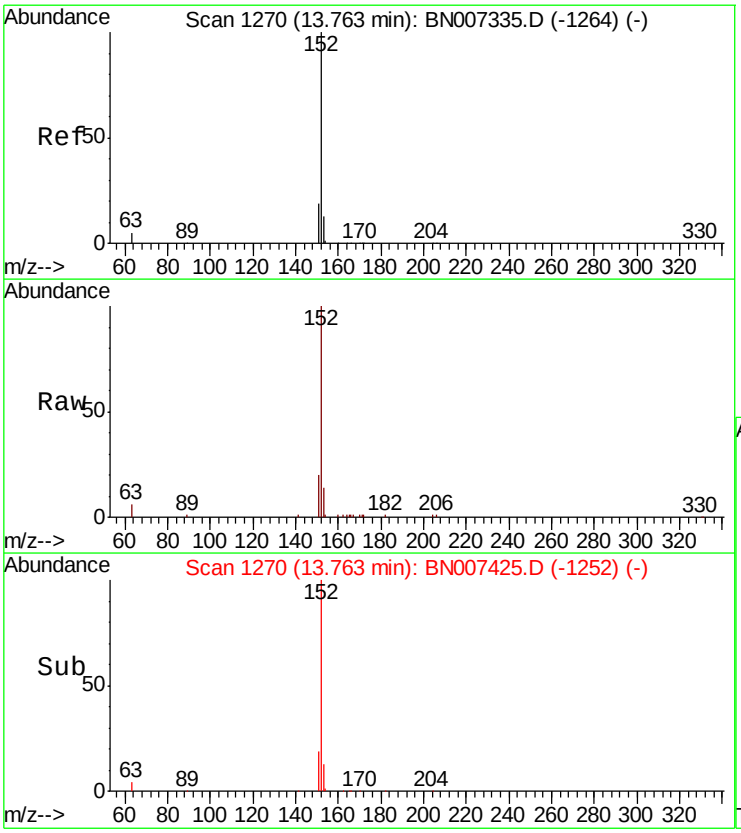
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:172 Resp: 14406

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.3	45.5
170	24.1	20.7	31.1

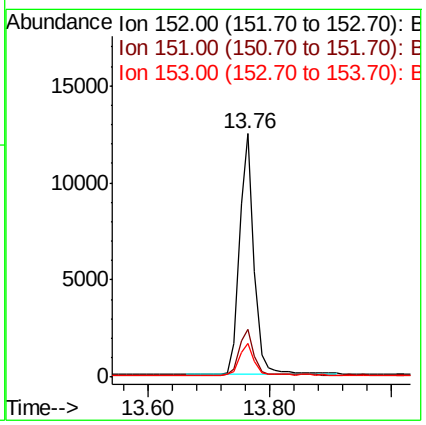


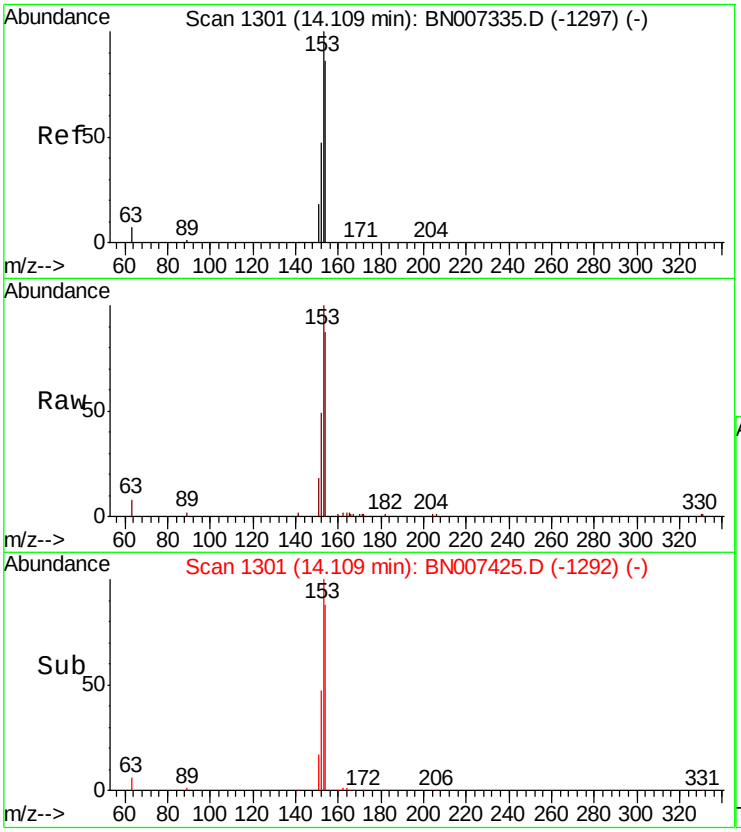


#16
Acenaphthylene
Concen: 0.330 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:152 Resp: 20609

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.2	10.6	15.8



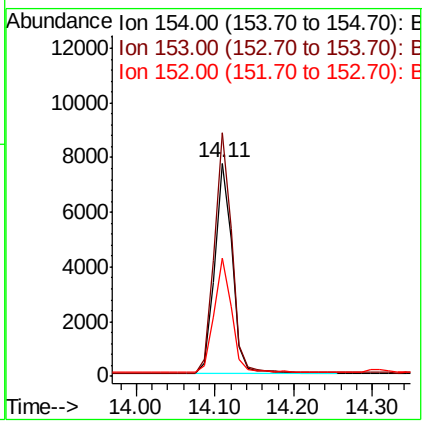


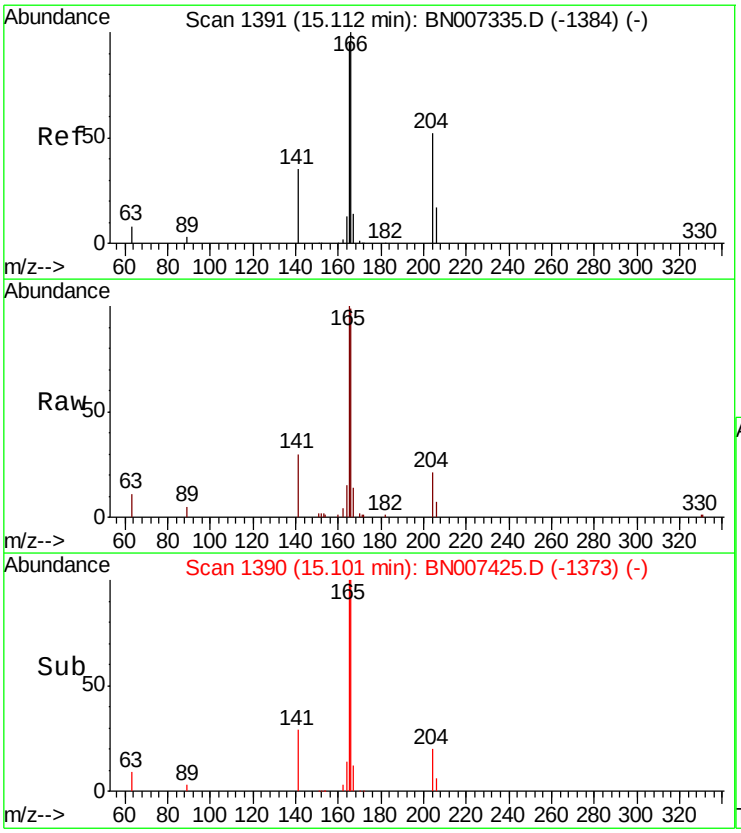
#17
Acenaphthene
Concen: 0.328 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:154 Resp: 11968

Ion	Ratio	Lower	Upper
154	100		
153	114.9	92.8	139.2
152	53.8	43.8	65.8

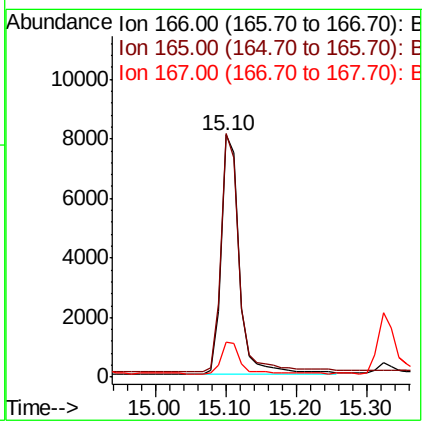


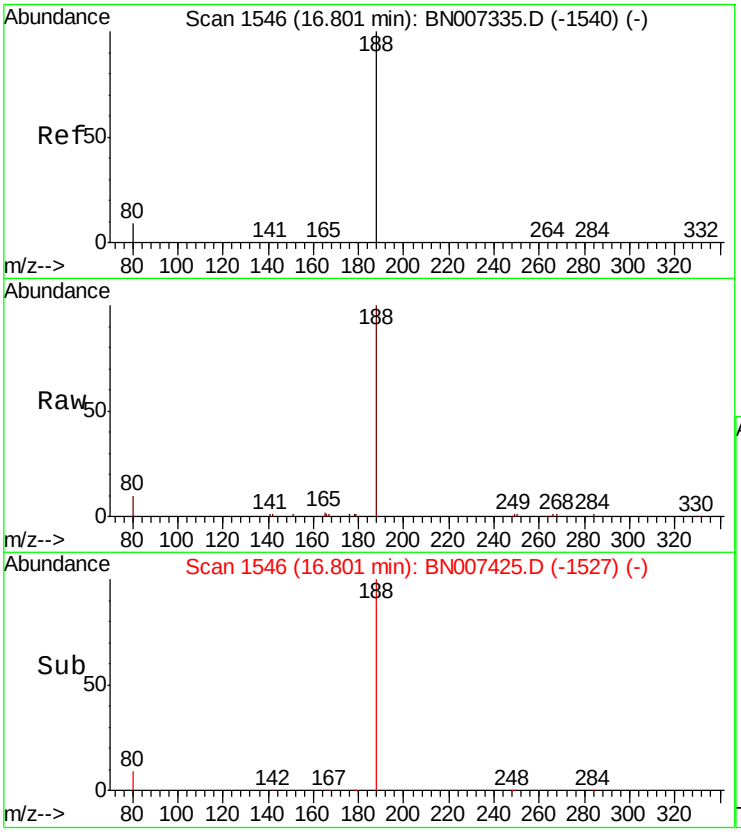


#18
Fluorene
Concen: 0.318 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:166 Resp: 14679

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.4
167	13.9	10.6	15.8



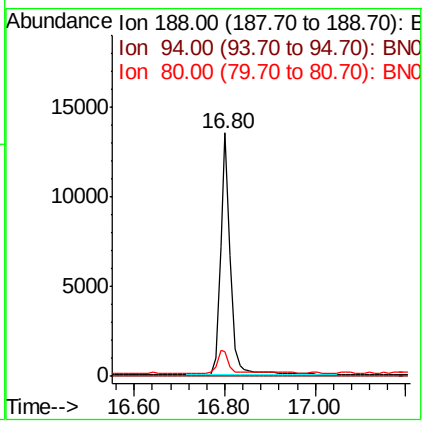


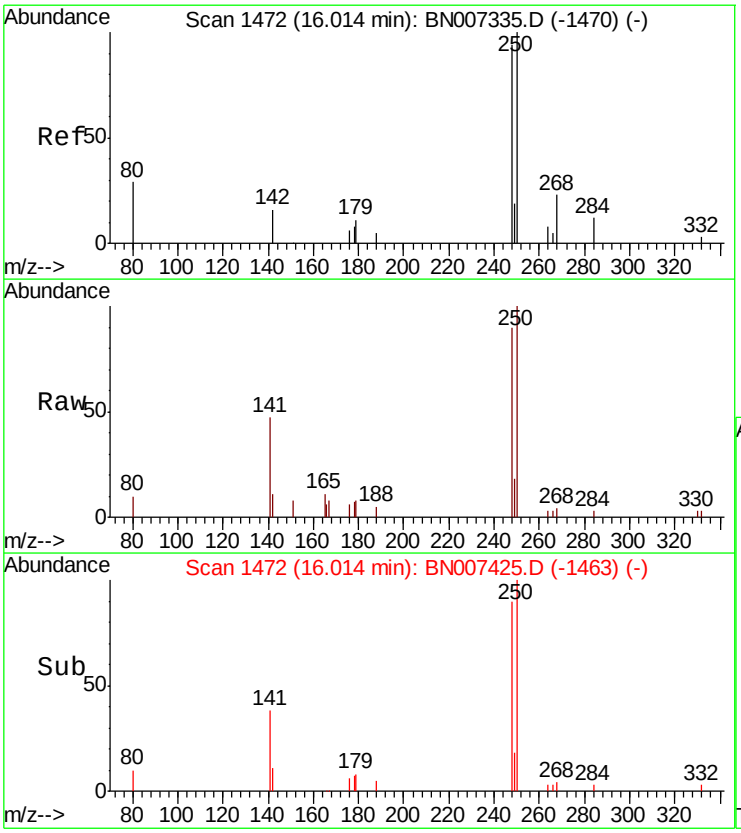
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:188 Resp: 20727

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	11.8	17.8#

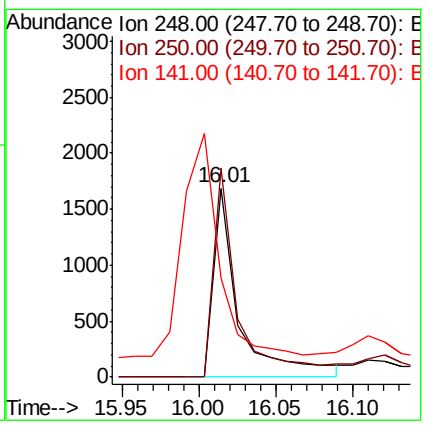


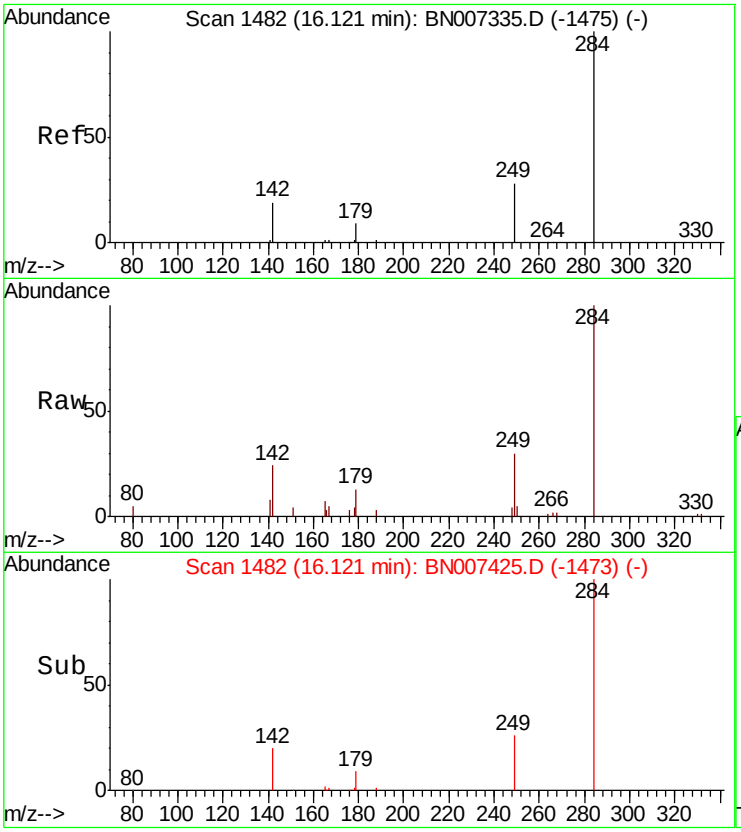


#20
4-Bromophenyl-phenylether
Concen: 0.238 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:248 Resp: 1942

Ion	Ratio	Lower	Upper
248	100		
250	110.7	85.0	127.6
141	52.4	51.7	77.5



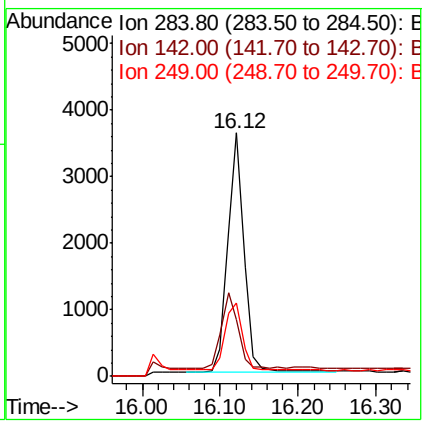


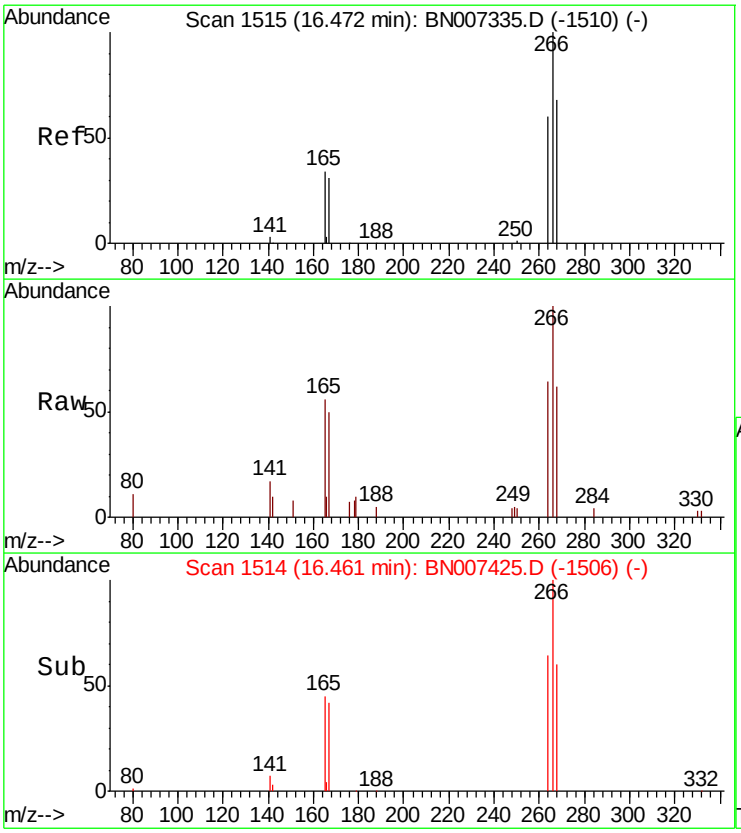
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:284 Resp: 5156

Ion	Ratio	Lower	Upper
284	100		
142	32.5	29.0	43.6
249	30.0	24.9	37.3

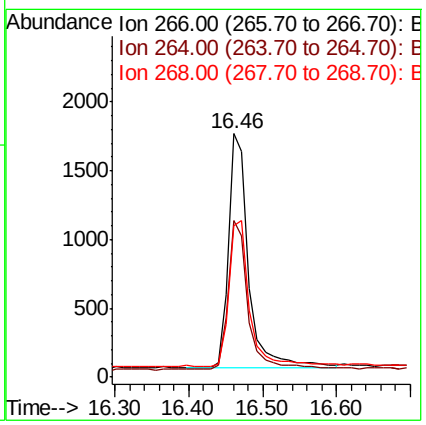


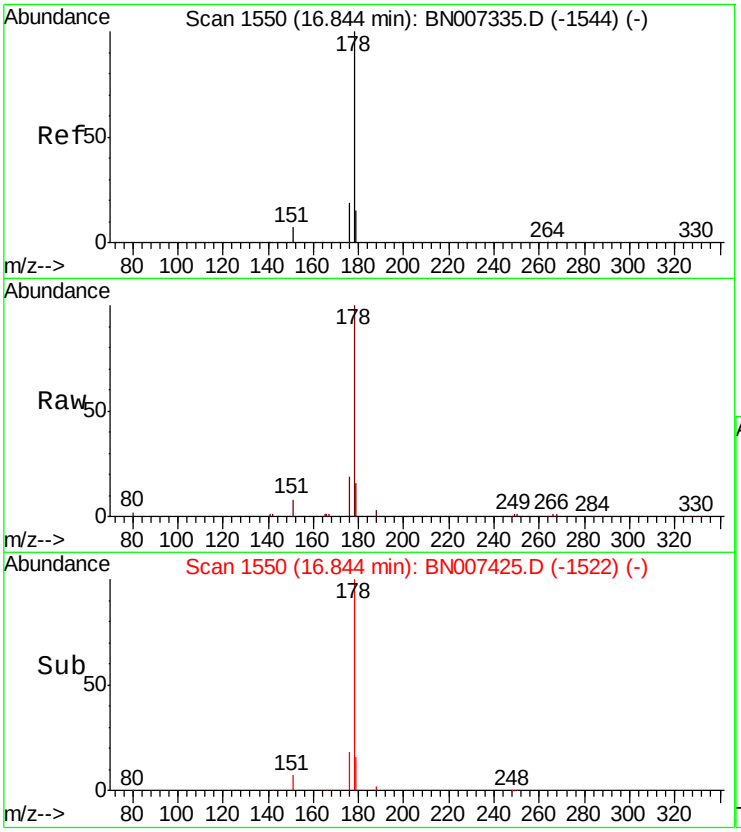


#22
Pentachlorophenol
Concen: 0.768 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:266 Resp: 3314

Ion	Ratio	Lower	Upper
266	100		
264	64.2	57.8	86.8
268	62.2	99.7	149.5#



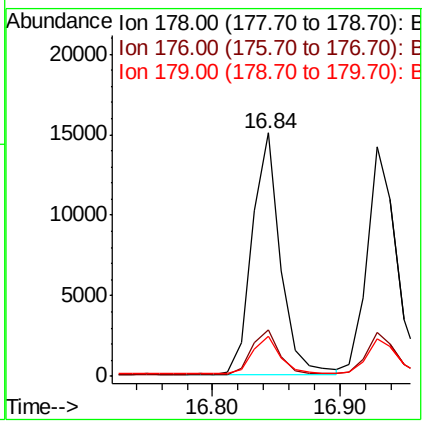


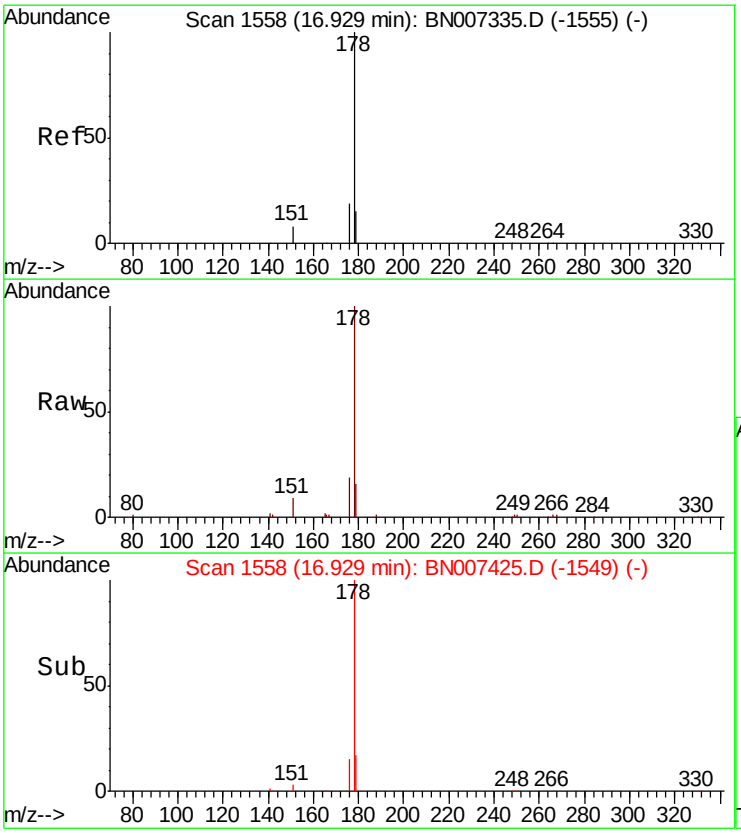
#23
Phenanthrene
Concen: 0.372 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:178 Resp: 23220

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.4	12.6	19.0

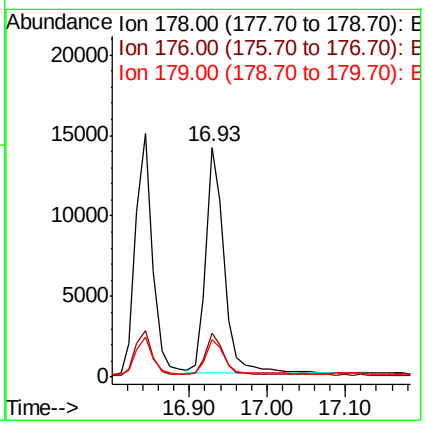


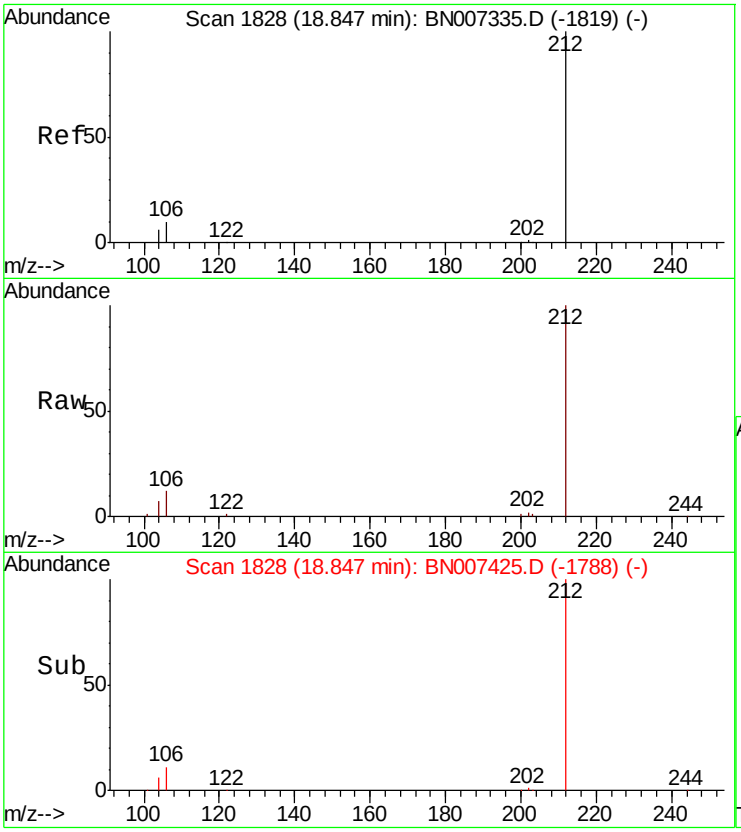


#24
Anthracene
Concen: 0.361 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:178 Resp: 22645

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	14.8	12.4	18.6



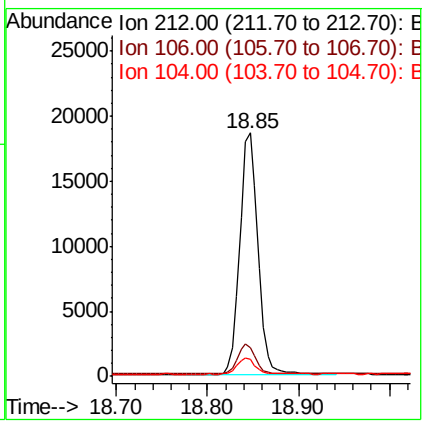


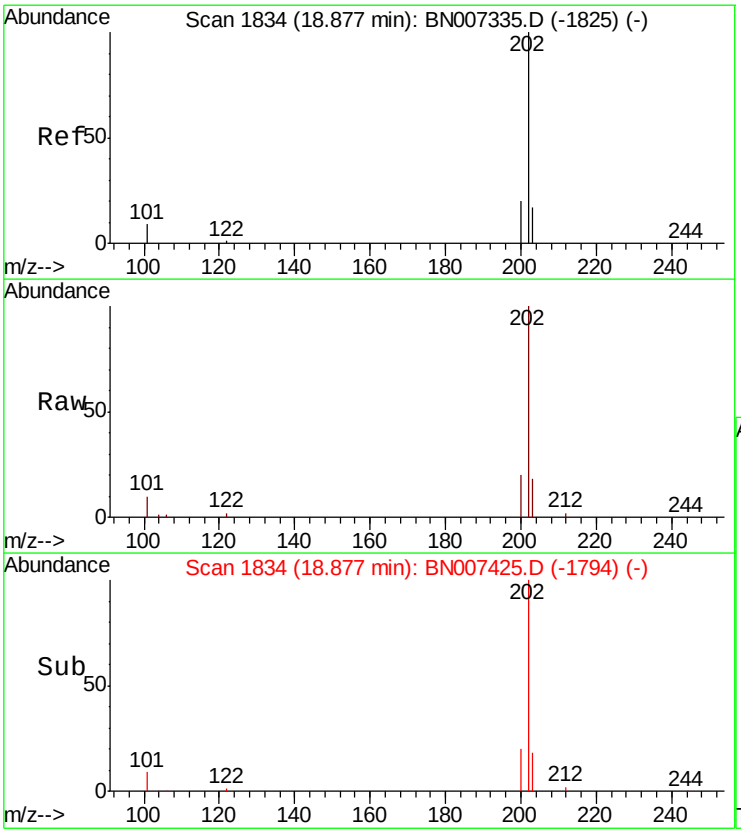
#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 18.85 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:212 Resp: 26226

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.0	13.4
104	6.8	5.4	8.2

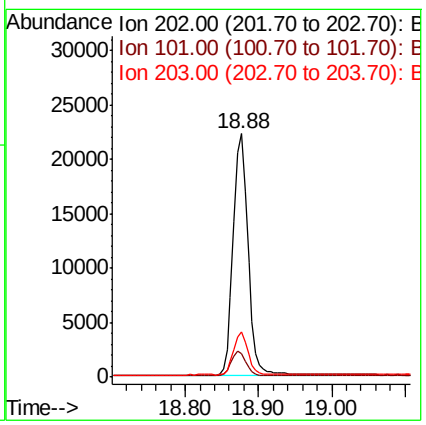


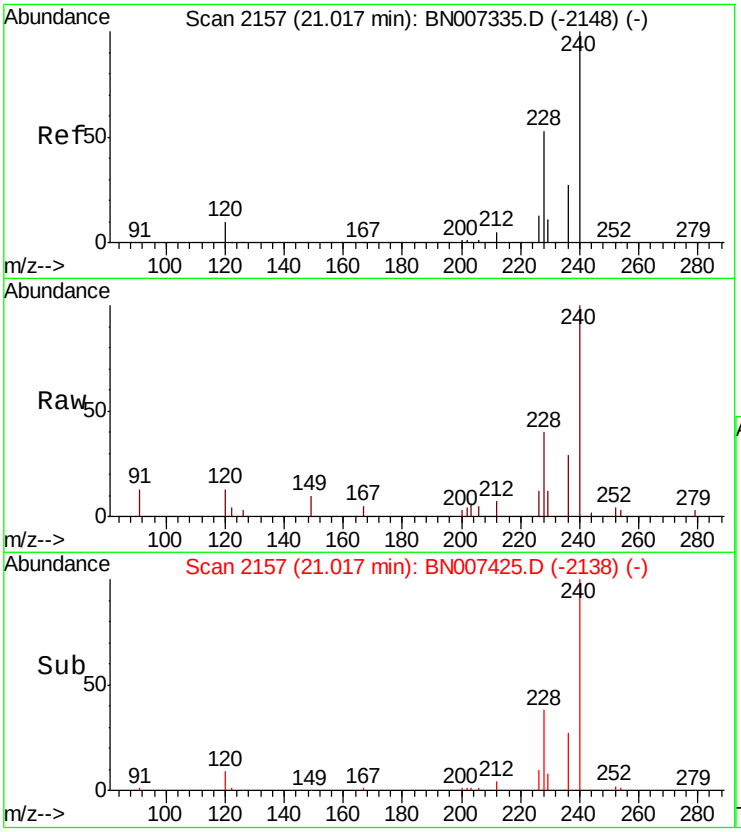


#26
Fluoranthene
Concen: 0.394 ng
RT: 18.88 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:202 Resp: 31559

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.7	11.5
203	17.3	13.7	20.5



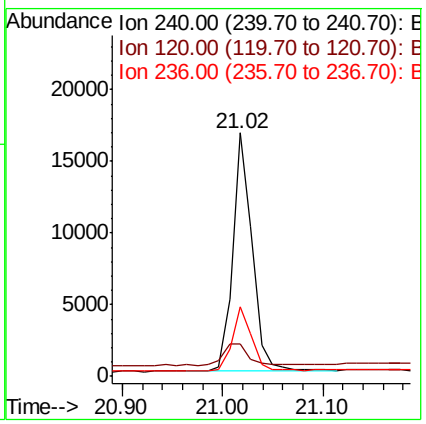


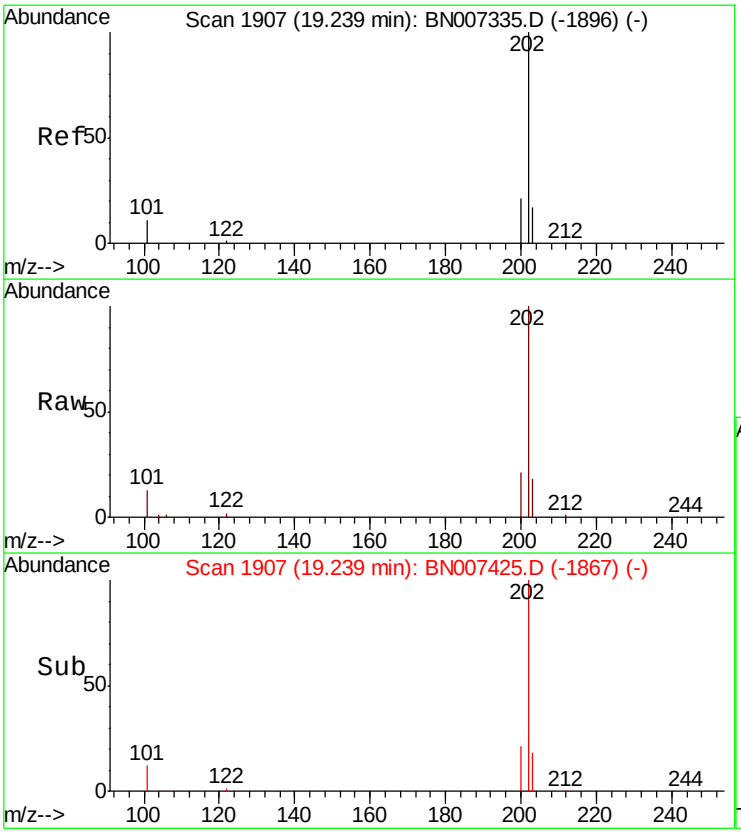
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:240 Resp: 22449

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.6	14.4
236	28.7	22.2	33.2

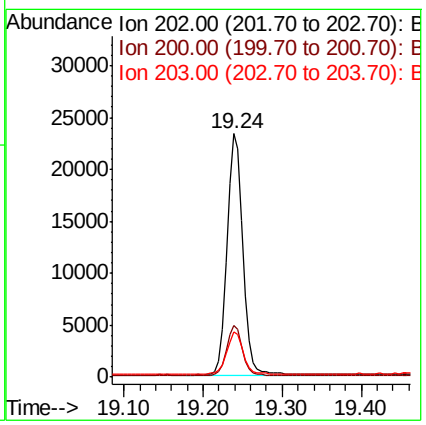


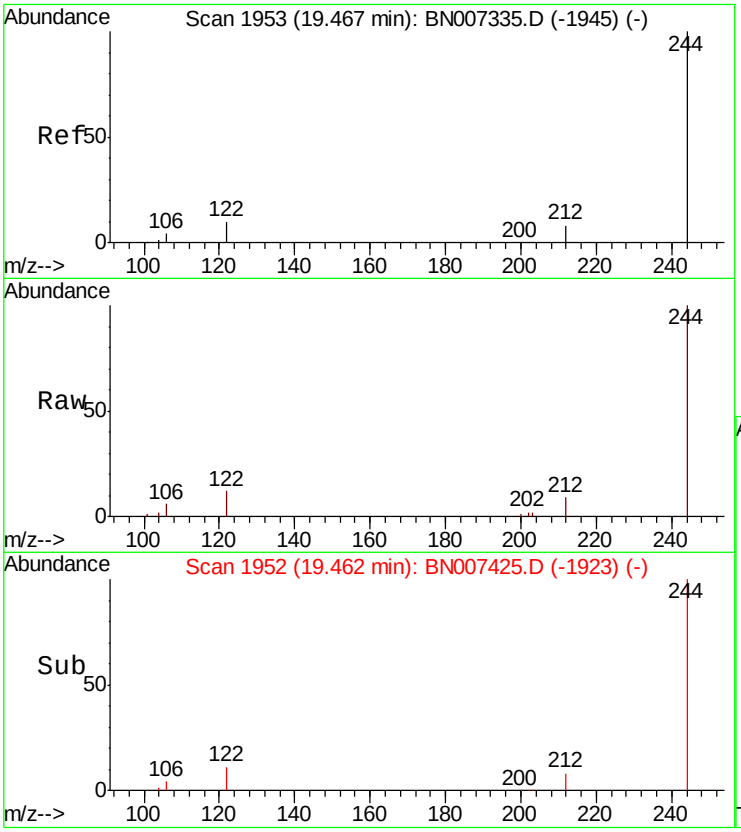


#28
Pyrene
Concen: 0.366 ng
RT: 19.24 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:202 Resp: 33080

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	18.1	14.2	21.4



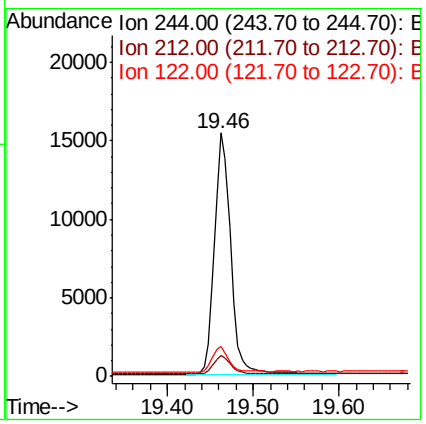


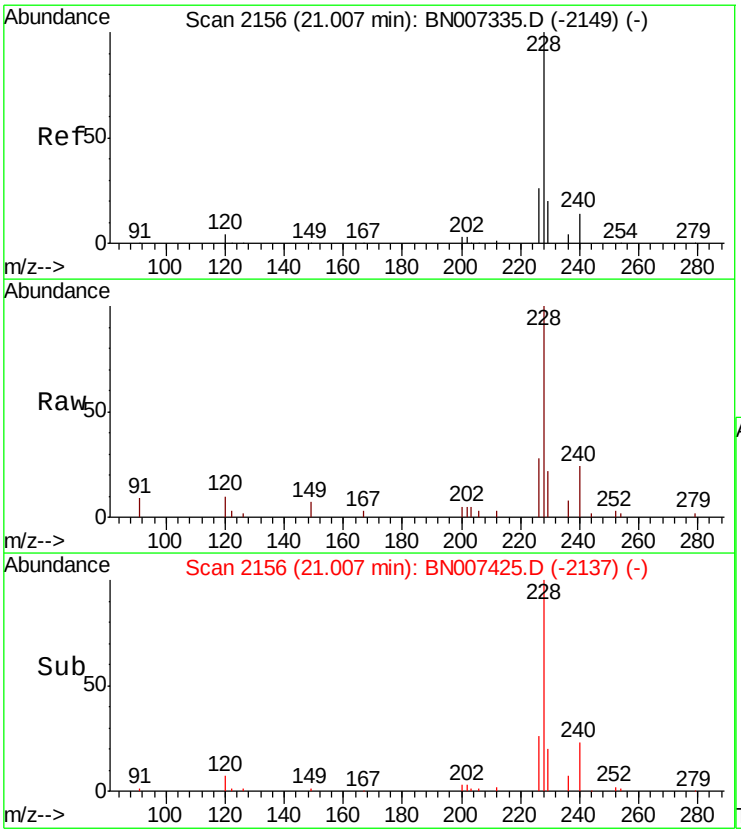
#29
Terphenyl-d14
Concen: 0.348 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:244 Resp: 20463

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	12.2	9.6	14.4

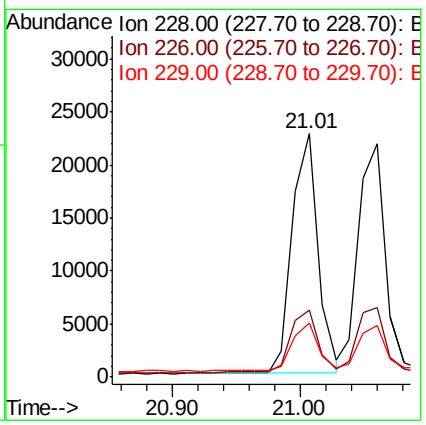


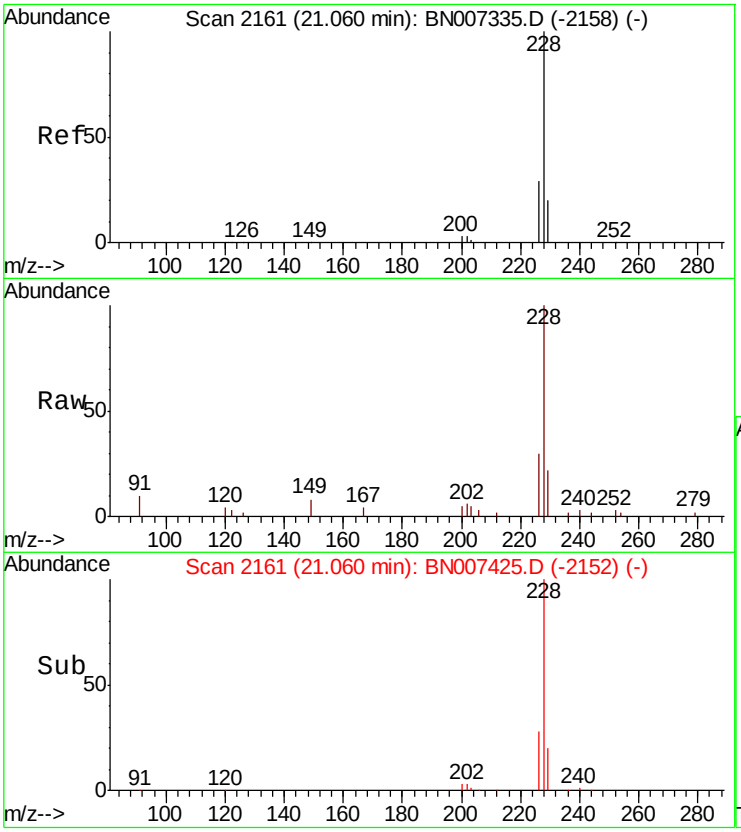


#30
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:228 Resp: 31758

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	22.2	16.1	24.1



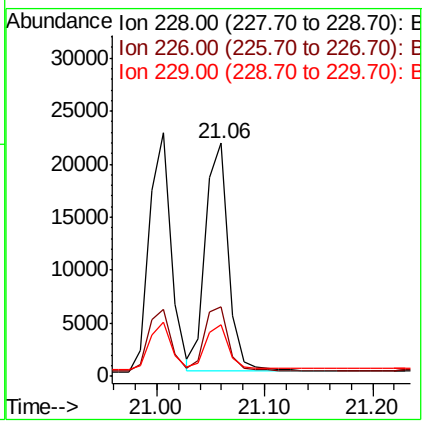


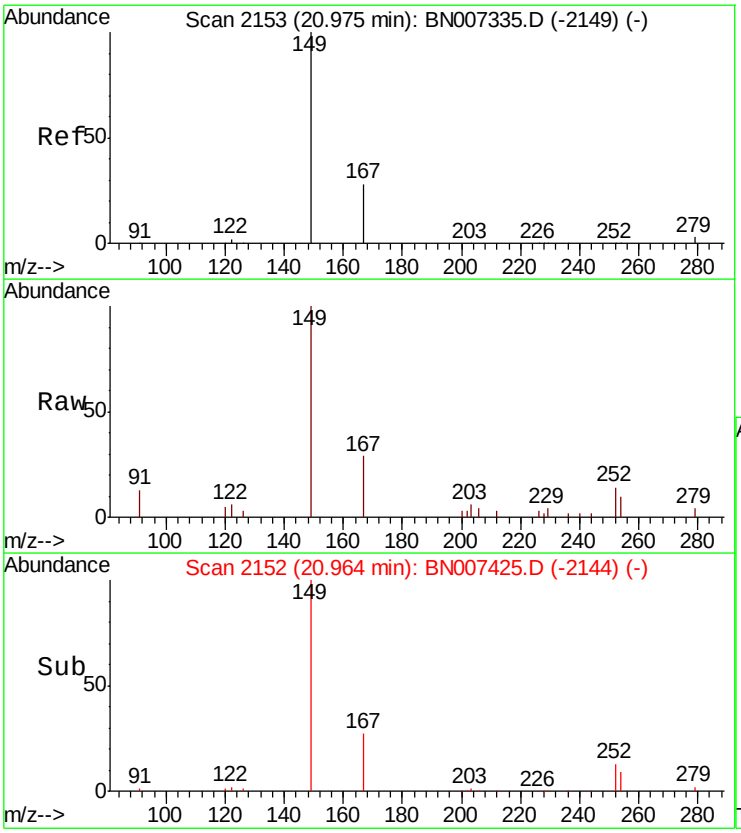
#31
Chrysene
Concen: 0.371 ng
RT: 21.06 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:228 Resp: 31580

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	22.4	16.6	24.8

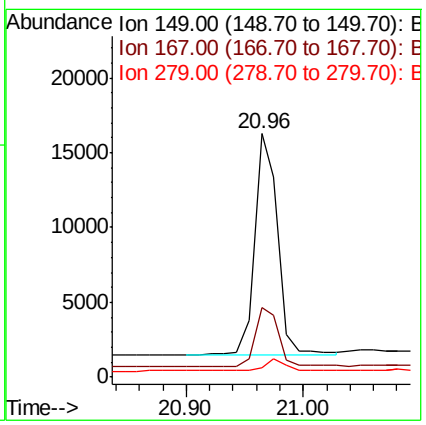


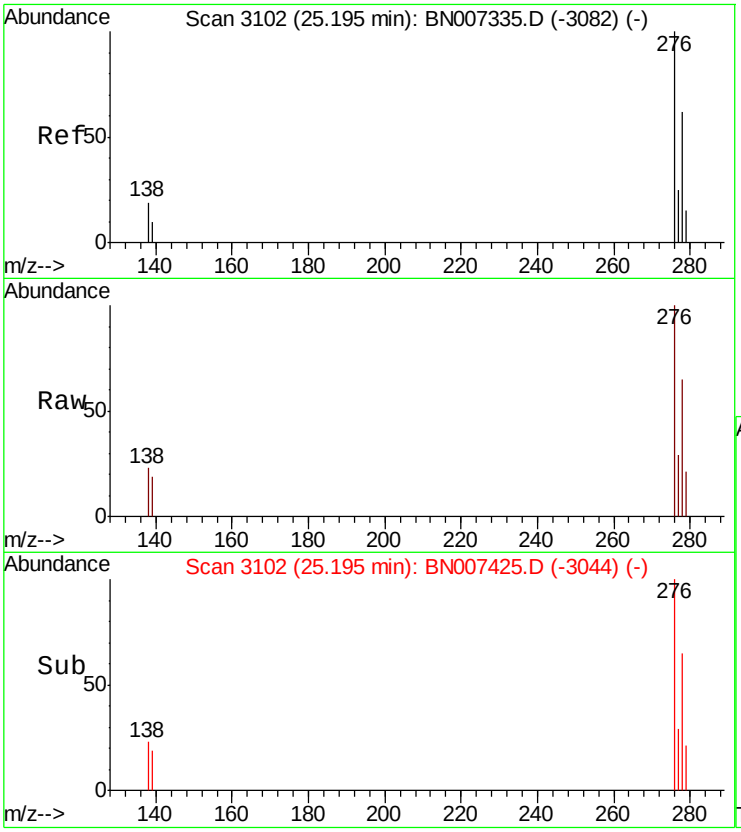


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.329 ng
RT: 20.96 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:149 Resp: 19841

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	5.2	3.5	5.3



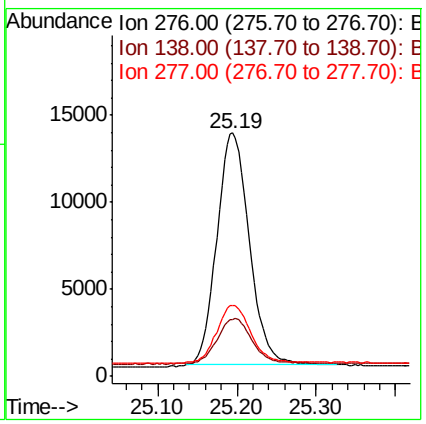


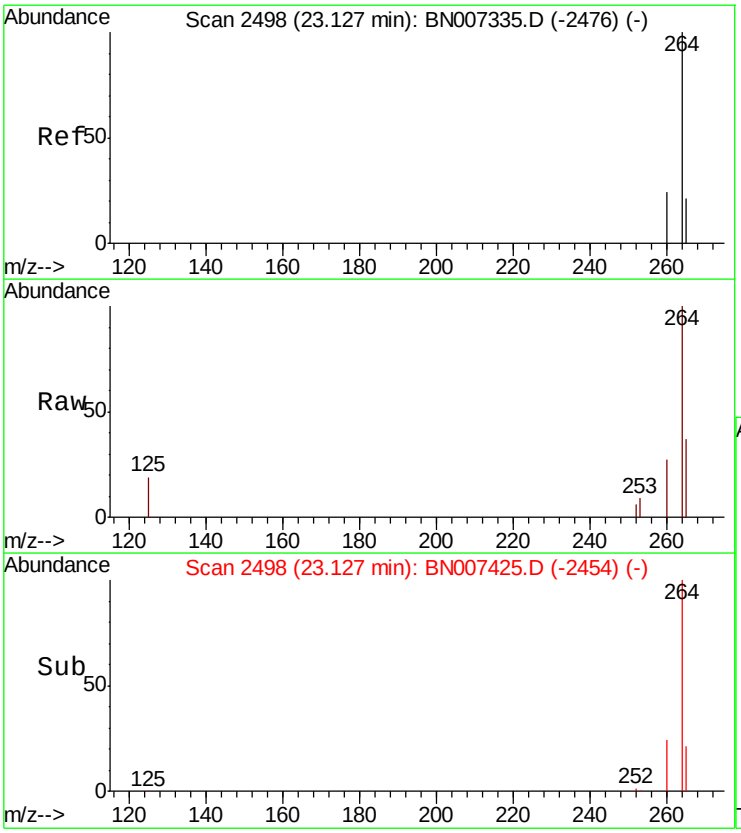
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:276 Resp: 37984

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.1	22.7
277	24.1	19.7	29.5

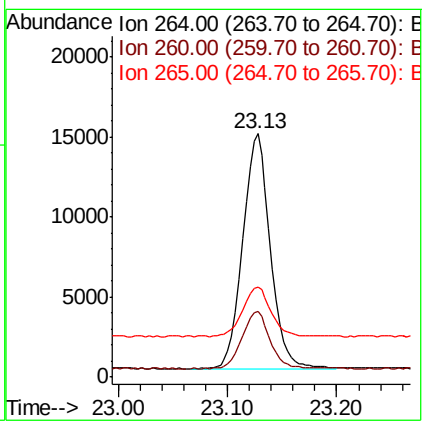


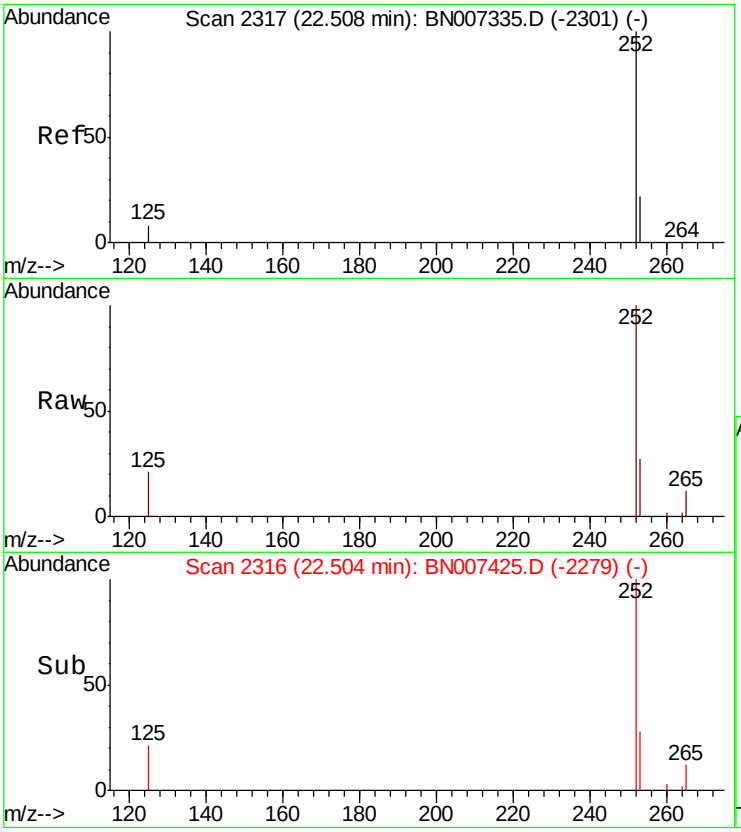


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2498
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:264 Resp: 25926

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.7	29.5
265	37.1	29.9	44.9



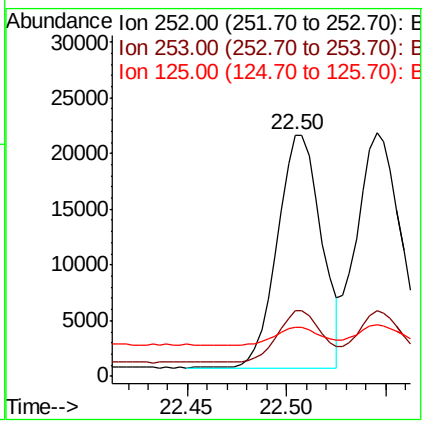


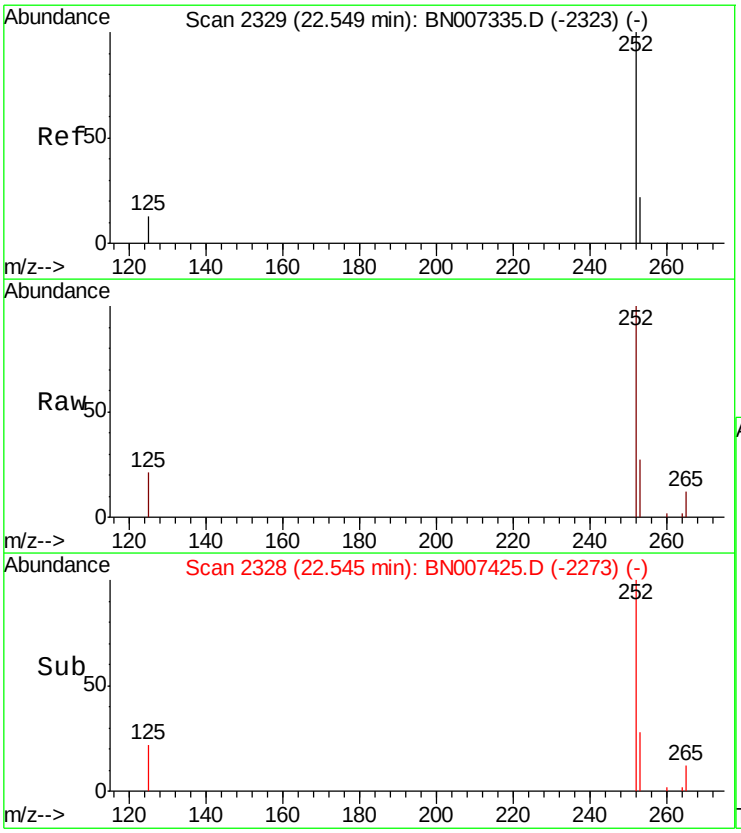
#35
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:252 Resp: 32139

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.2	28.8
125	20.5	10.6	16.0#

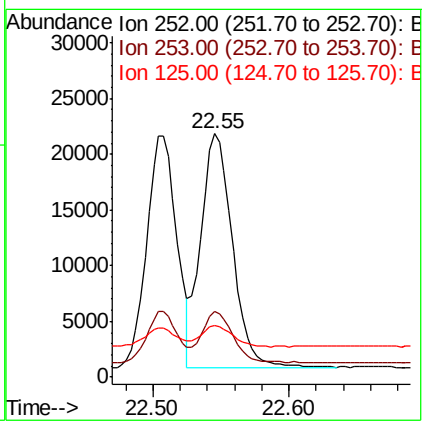


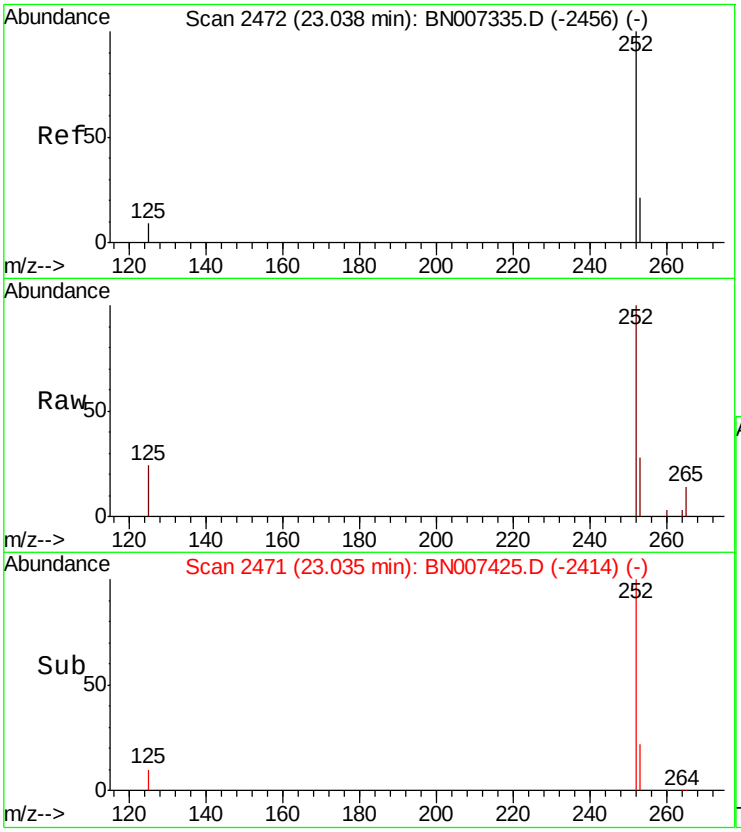


#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 22.55 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:252 Resp: 34062

Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.4	29.2
125	21.4	13.1	19.7#



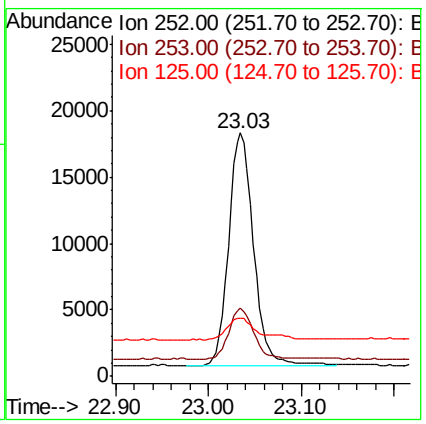


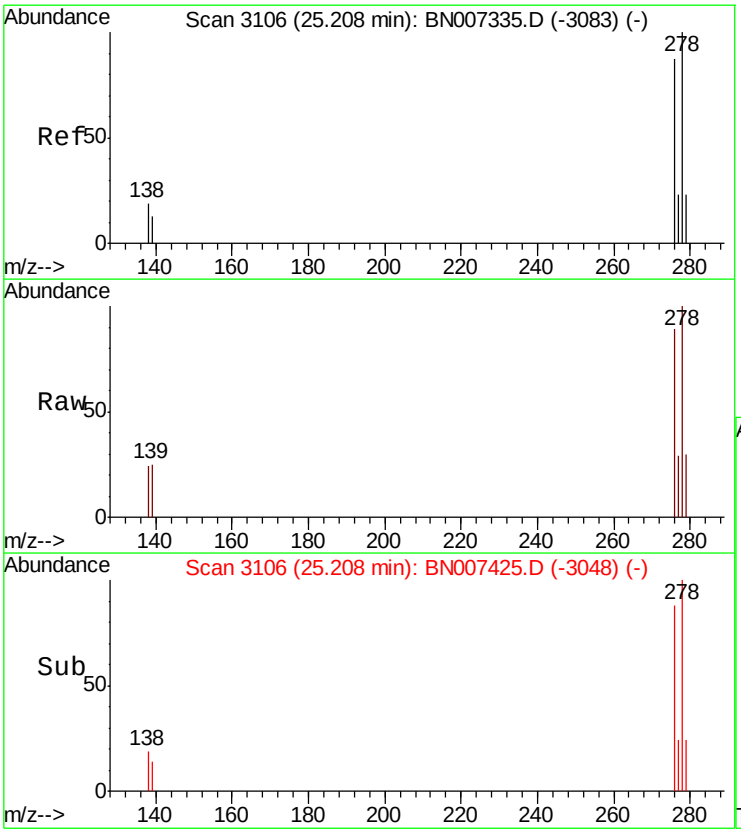
#37
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:252 Resp: 32913

Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.5	29.3
125	23.6	12.1	18.1#

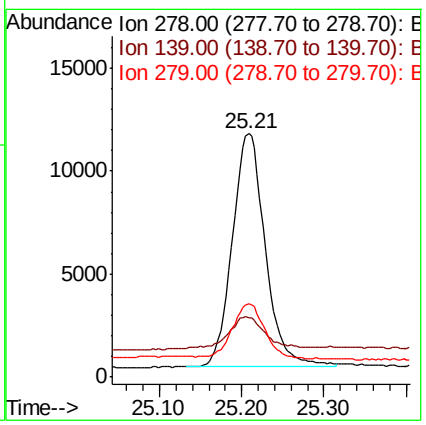


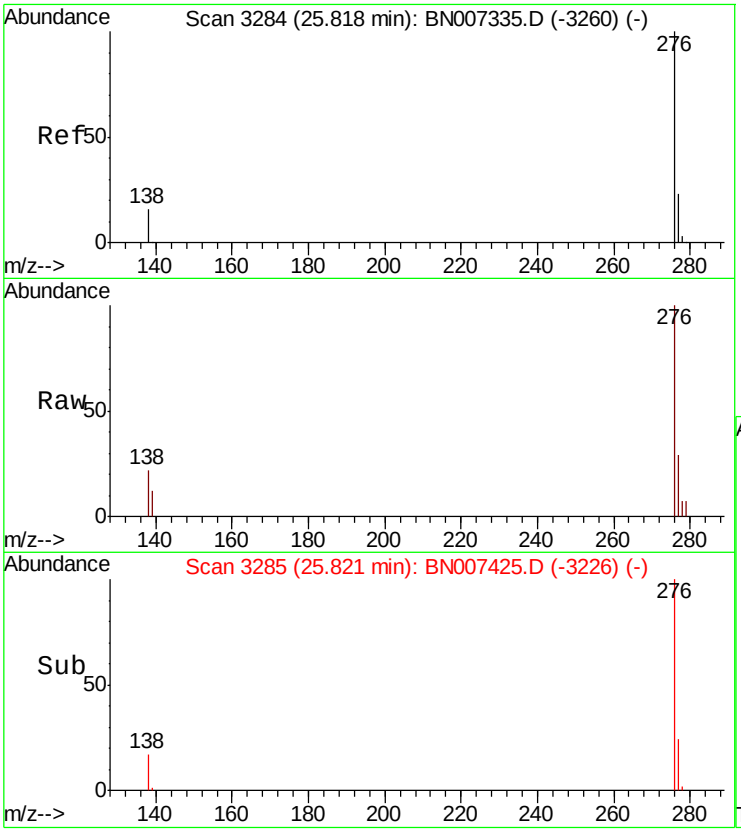


#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.21 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Tgt Ion:278 Resp: 31690

Ion	Ratio	Lower	Upper
278	100		
139	24.6	13.7	20.5#
279	30.2	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 25.82 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BN007425.D
Acq: 27 Aug 2019 00:24

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:276 Resp: 33067

Ion	Ratio	Lower	Upper
276	100		
277	28.8	19.6	29.4
138	21.9	16.3	24.5