Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\

Quantitation Report (Not Reviewed)

Data File : BN007277.D
Acq On : 21 Aug 2019 03:39
Operator : HP/JU
Sample : K4173-09MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-016-SW112-073119-1MS

Quant Time: Aug 21 05:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	6727	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	25379	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	14607	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	34123	0.40	ng		-0.01
27) Chrysene-d12	21.03	240	34826	0.40	ng		0.00
34) Perylene-d12	23.13	264	38507	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3547	0.17	ng		0.00
5) Phenol-d6	6.60	99	4638	0.19	ng		0.00
8) Nitrobenzene-d5	8.54	82	3960	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	9336	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	1406	0.17	ng		0.00
15) 2-Fluorobiphenyl	12.67	172	11616	0.19	ng		0.00
25) Fluoranthene-d10	18.85	212	19385	0.18	ng		0.00
29) Terphenyl-d14	19.47	244	14845	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	1560	0.163	ng	#	57
3) n-Nitrosodimethylamine	3.32	42	1163	0.182	ng	#	94
6) bis(2-Chloroethyl)ether	6.85	93	4041	0.203	ng		99
9) Naphthalene	10.22	128	19043	0.265	ng		100
10) Hexachlorobutadiene	10.52	225	2571	0.162	ng	#	99
12) 2-Methylnaphthalene	11.84	142	13724	0.276	ng		99
16) Acenaphthylene	13.76	152	32832	0.424	ng		98
17) Acenaphthene	14.12	154	14017	0.284	ng		96
18) Fluorene	15.11	166	21731	0.337	ng		96
20) 4-Bromophenyl-phenylether	16.01	248	2575	0.132	ng		98
21) Hexachlorobenzene	16.12	284	3585	0.159	ng		98
22) Pentachlorophenol	16.47	266	1260	0.139	ng		98
23) Phenanthrene	16.84	178	341320	3.191	ng		100
24) Anthracene	16.94	178	46588	0.484	ng		98
26) Fluoranthene	18.88	202	348075	2.687	ng		99
28) Pyrene	19.24	202	548471	4.212	ng		97
30) Benzo(a)anthracene	21.01	228	230847	1.783	ng		96
31) Chrysene	21.06	228	278821	2.110	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	15994	0.309	ng		94
33) Indeno(1,2,3-cd)pyrene	25.20	276	125562	0.790	ng		98
35) Benzo(b)fluoranthene	22.52	252	234449	1.633	ng		100
36) Benzo(k)fluoranthene	22.52	252	234449	1.667	ng		99
37) Benzo(a)pyrene	23.04	252	194103	1.500	ng		98
38) Dibenzo(a,h)anthracene	25.21	278	51727	0.381	ng		95
39) Benzo(g,h,i)perylene	25.83	276	140862	1.025	ng		100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\

Quantitation Report (Not Reviewed)

Data File : BN007277.D
Acq On : 21 Aug 2019 03:39
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Sample : K4173-09MS
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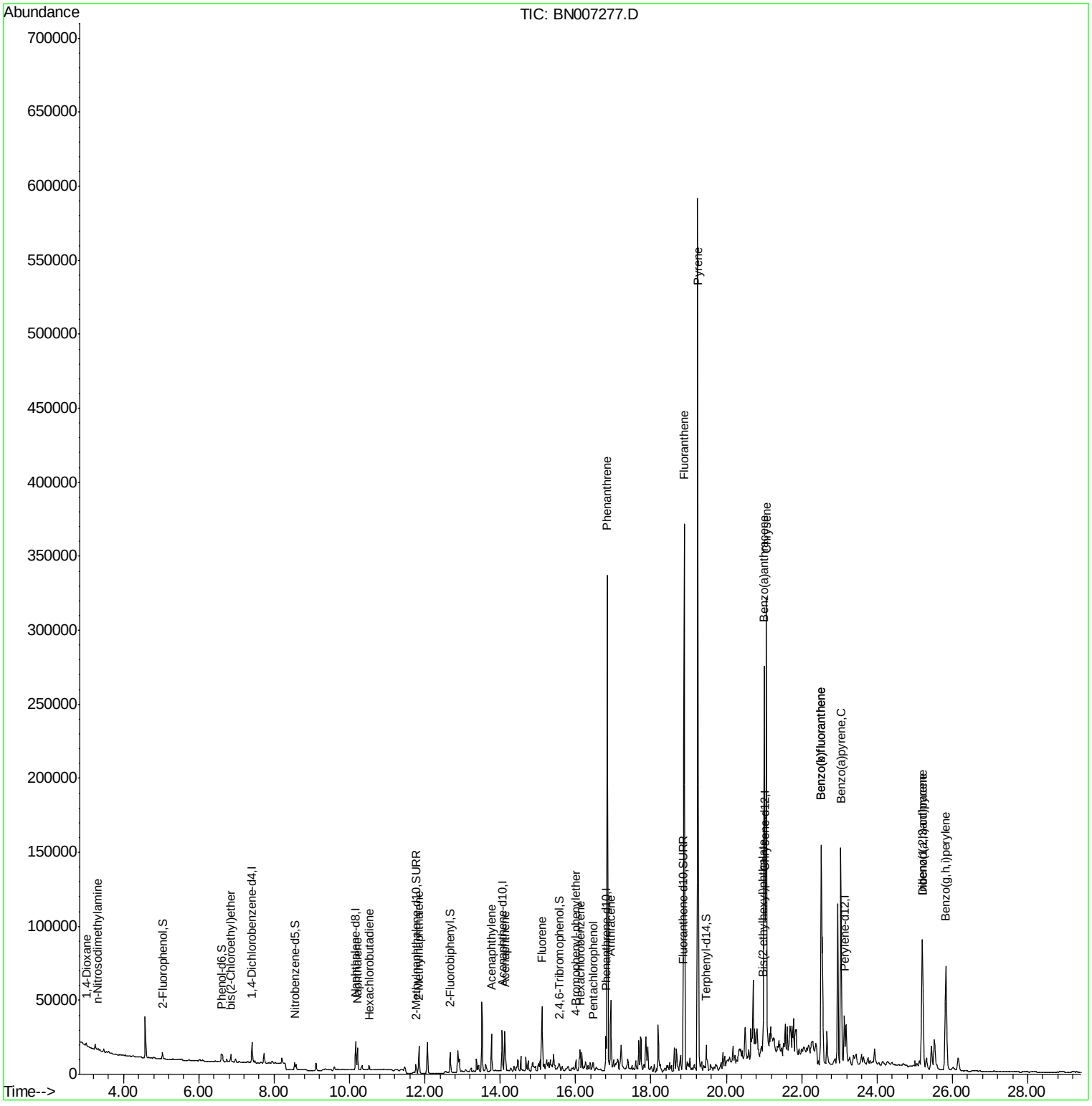
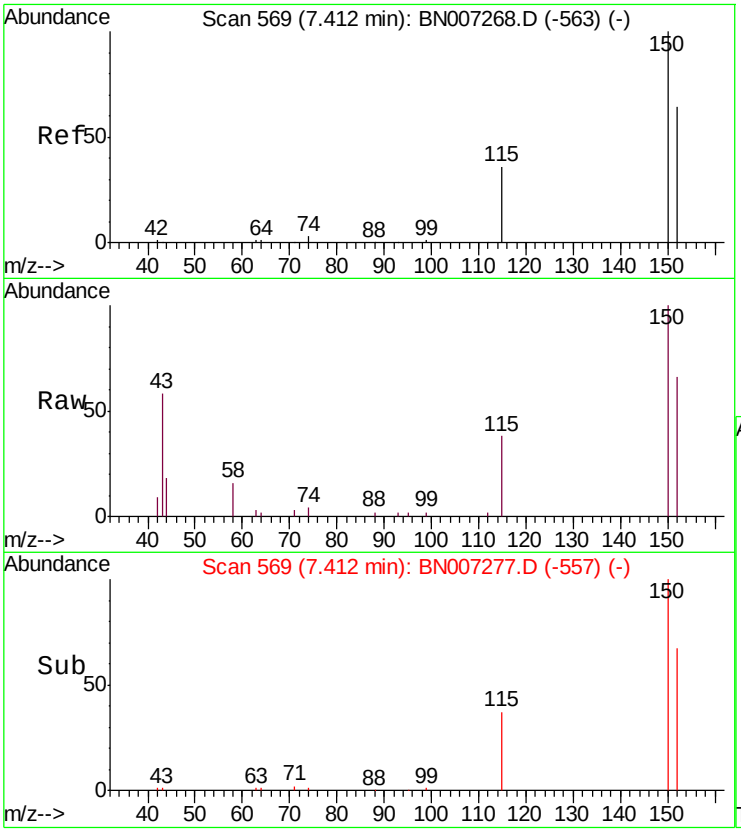
Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Quant Time: Aug 21 05:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration



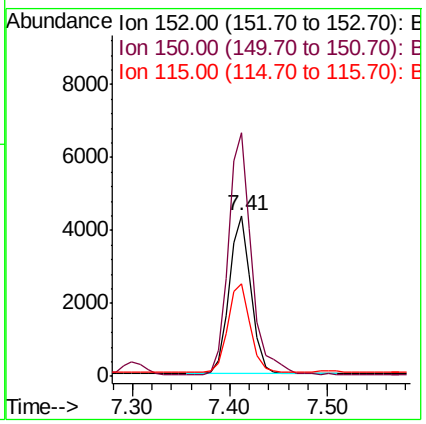


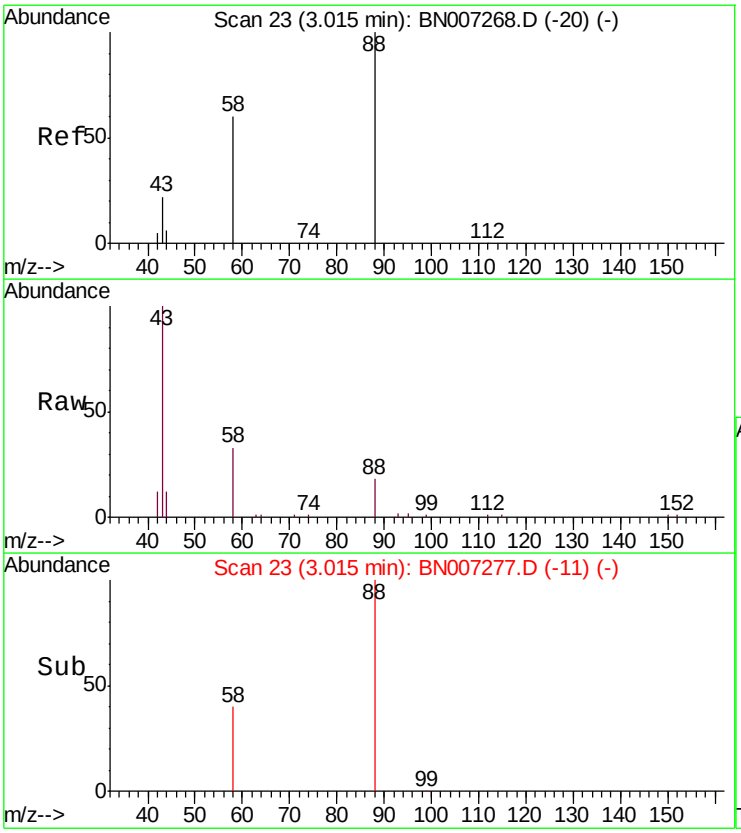
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:152 Resp: 6727

Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.8	185.8
115	57.4	47.3	70.9

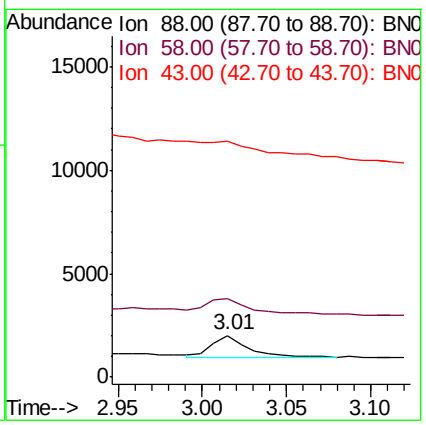


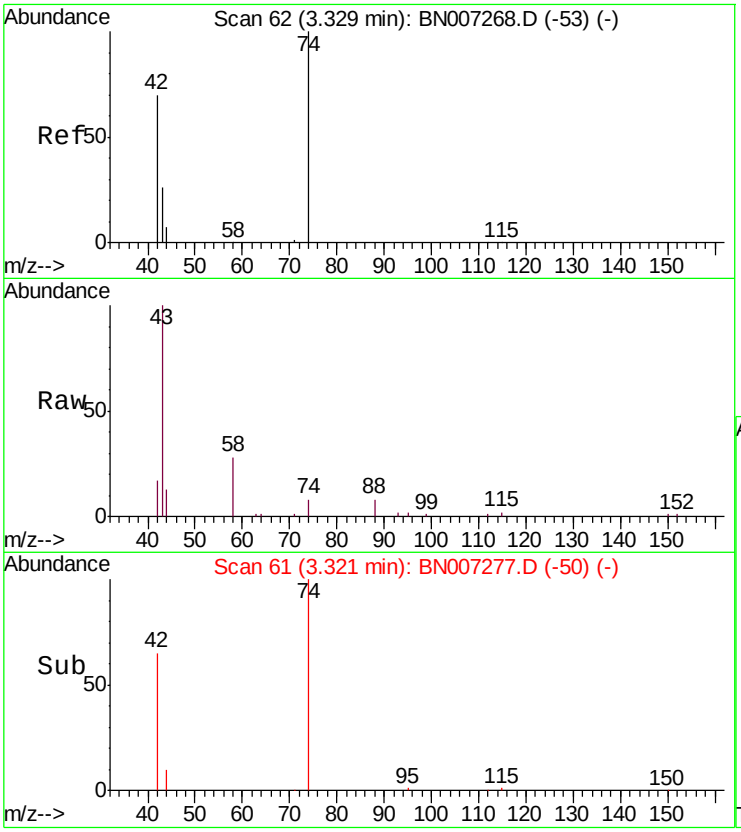


#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion: 88 Resp: 1560

Ion	Ratio	Lower	Upper
88	100		
58	86.2	45.5	68.3#
43	0.0	20.4	30.6#



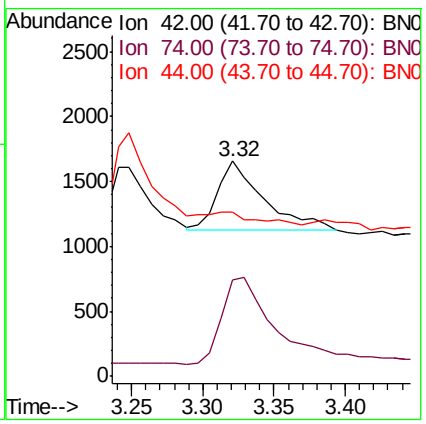


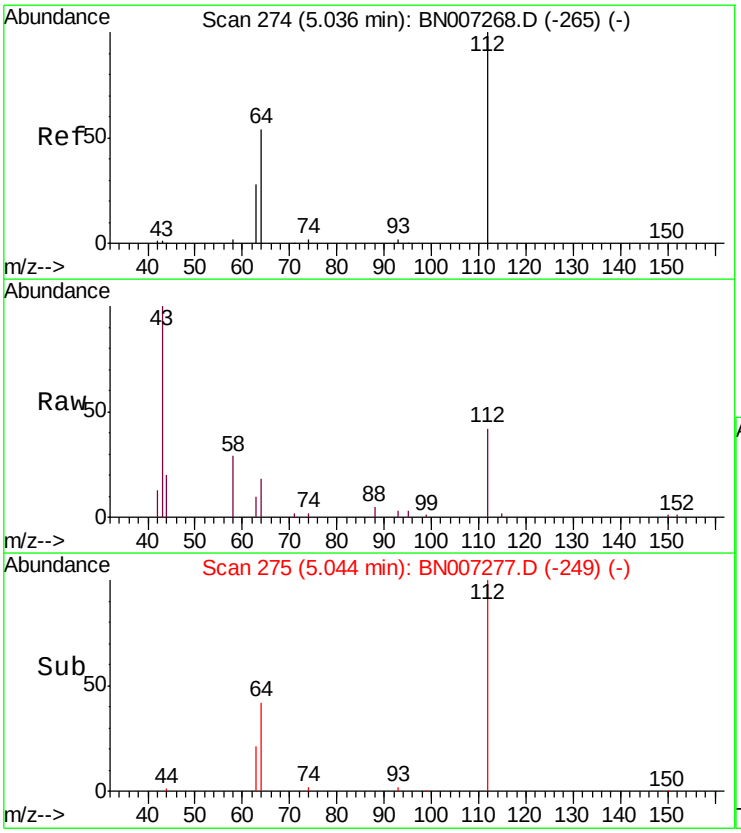
#3
n-Nitrosodimethylamine
Concen: 0.182 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion: 42 Resp: 1163

Ion	Ratio	Lower	Upper
42	100		
74	143.5	109.0	163.4
44	0.0	4.2	6.2#

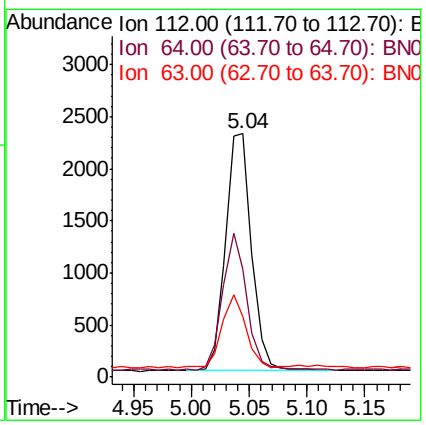


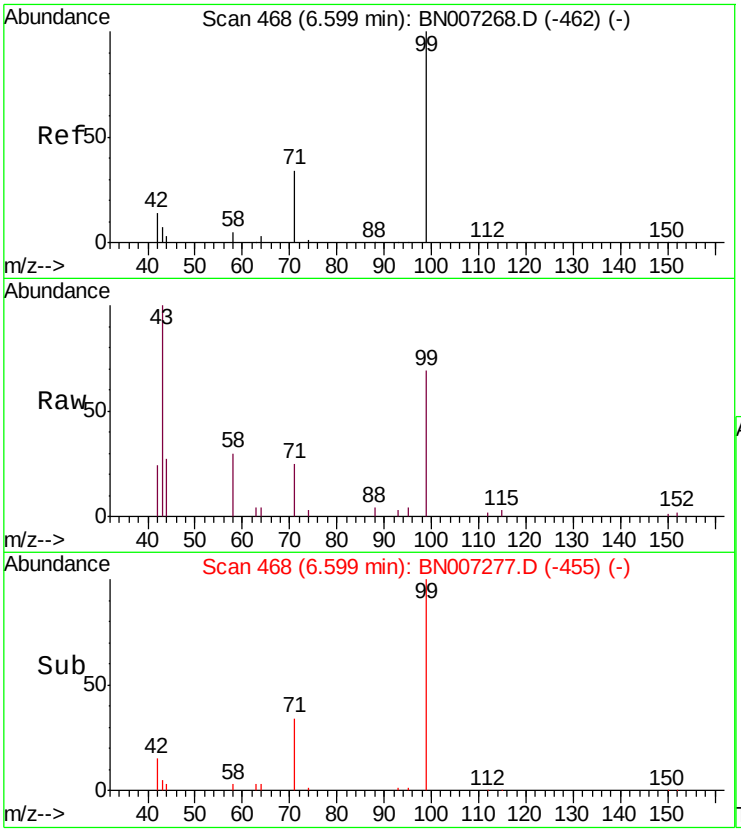


#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:112 Resp: 3547

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.8	62.8
63	27.8	22.6	34.0



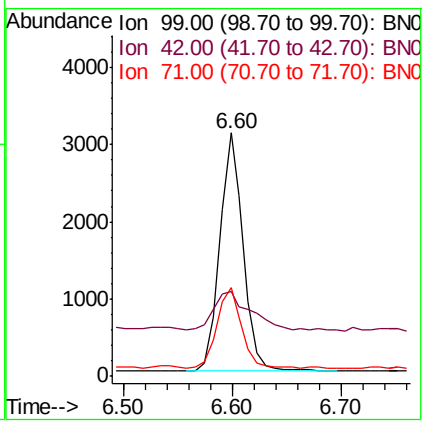


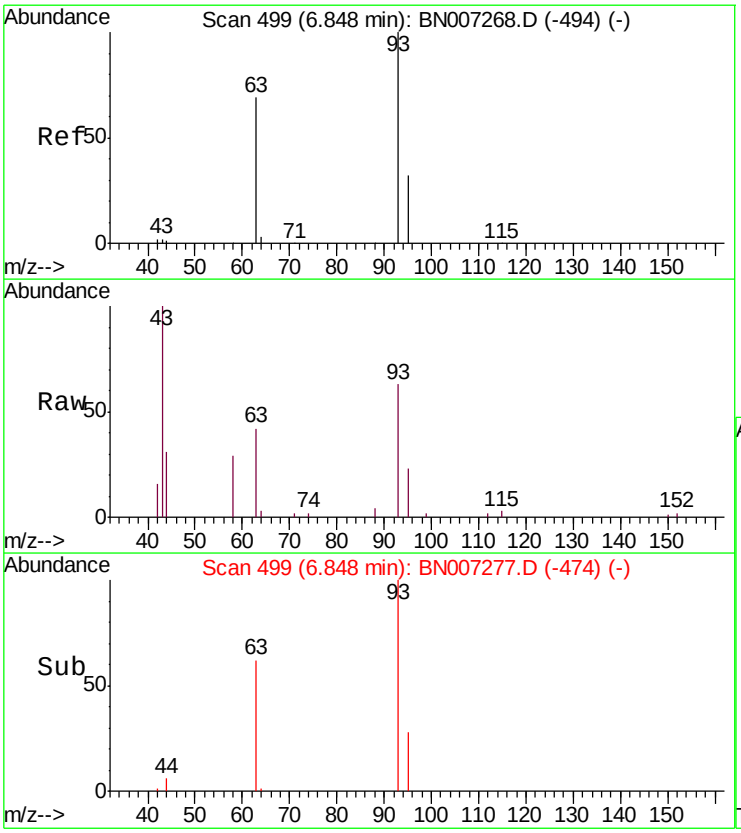
#5
Phenol-d6
Concen: 0.189 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion: 99 Resp: 4638

Ion	Ratio	Lower	Upper
99	100		
42	26.6	14.3	21.5#
71	35.0	27.3	40.9

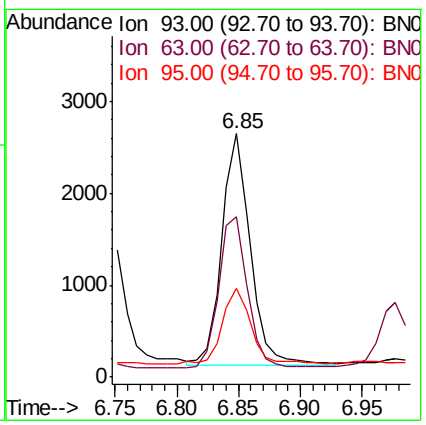


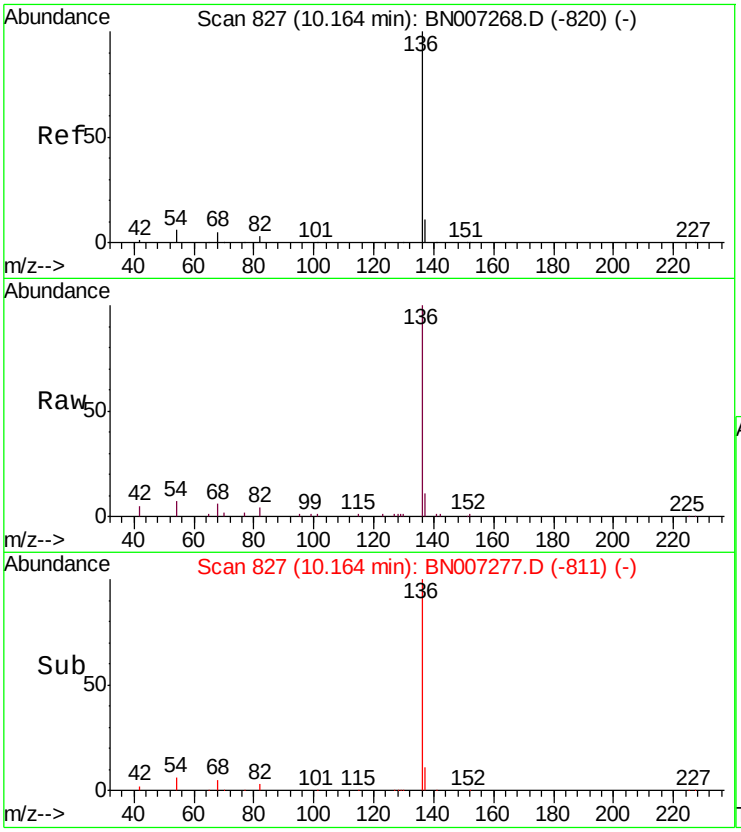


#6
bis(2-Chloroethyl)ether
Concen: 0.203 ng
RT: 6.85 min Scan# 499
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion: 93 Resp: 4041

Ion	Ratio	Lower	Upper
93	100		
63	67.2	54.4	81.6
95	33.3	25.5	38.3



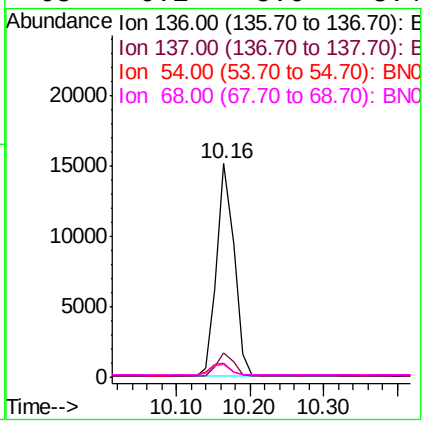


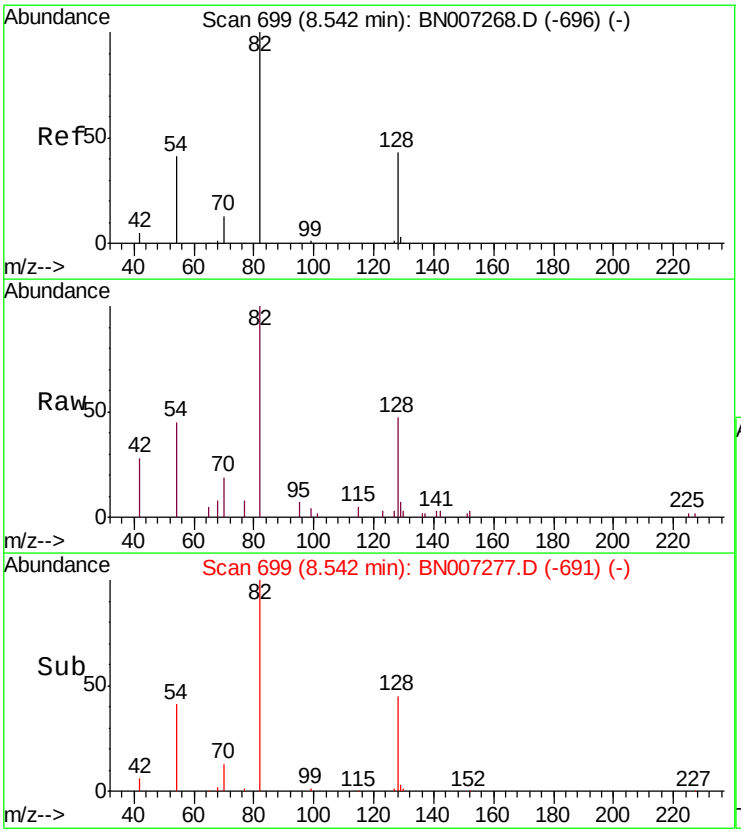
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:136 Resp: 25379

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	5.9	8.9
68	6.1	5.6	8.4

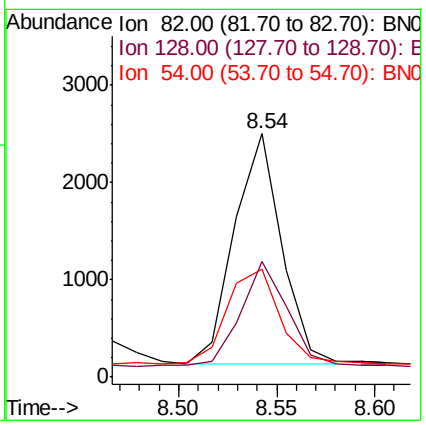


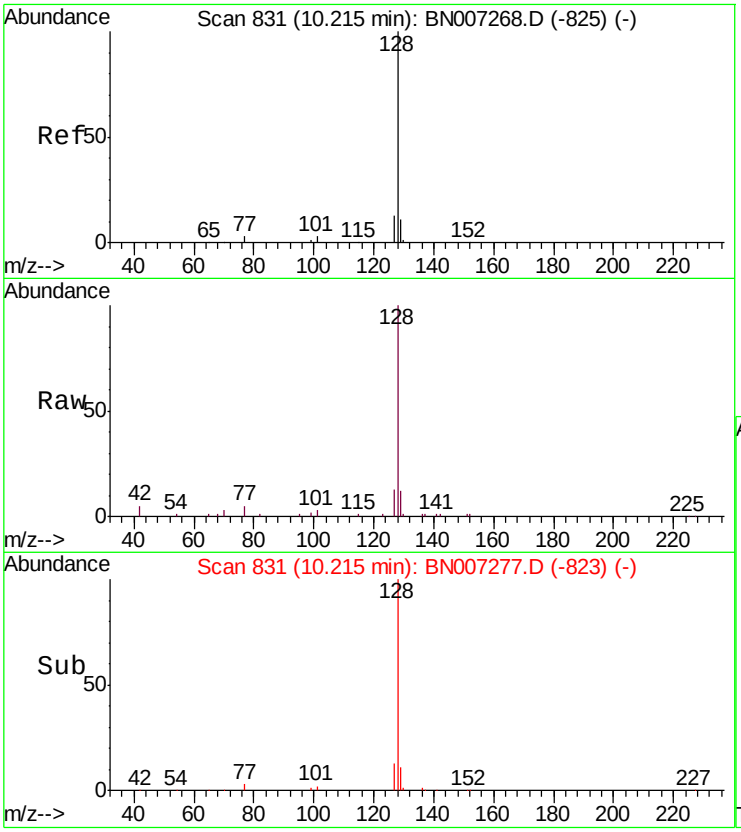


#8
Nitrobenzene-d5
Concen: 0.203 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion: 82 Resp: 3960

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.8	53.6
54	44.6	34.7	52.1



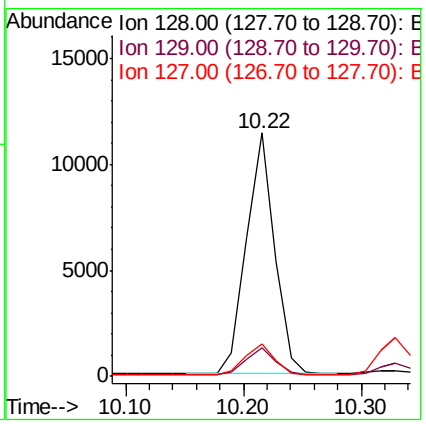


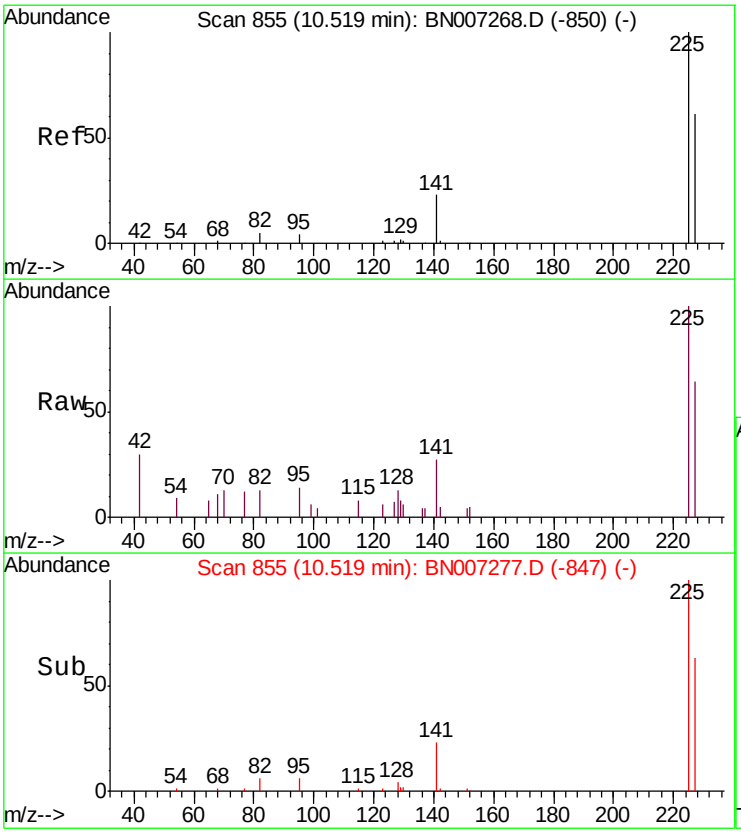
#9
Naphthalene
Concen: 0.265 ng
RT: 10.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:128 Resp: 19043

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.5	10.6	16.0

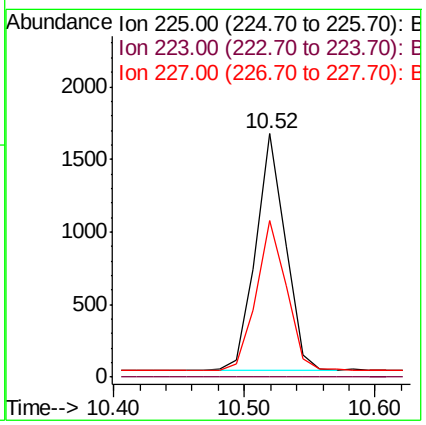


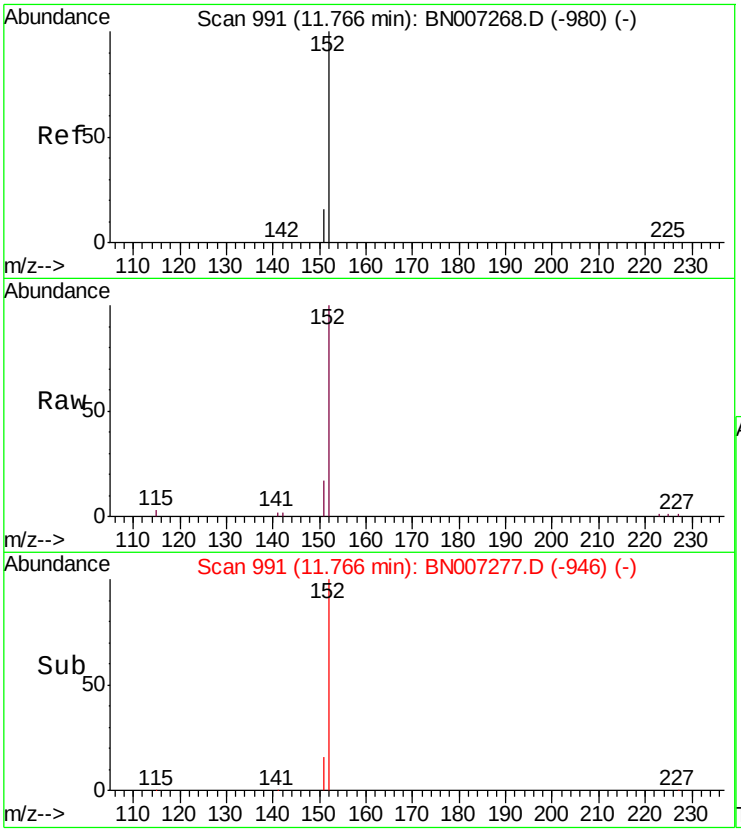


#10
Hexachlorobutadiene
Concen: 0.162 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:225 Resp: 2571

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.2	75.2



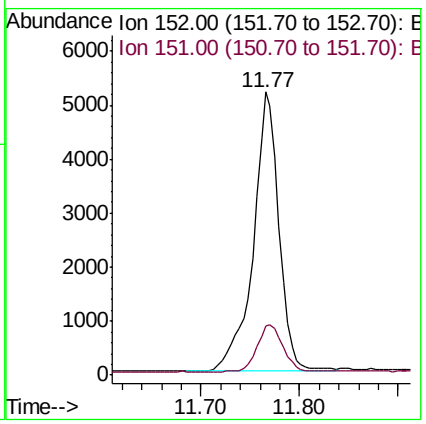


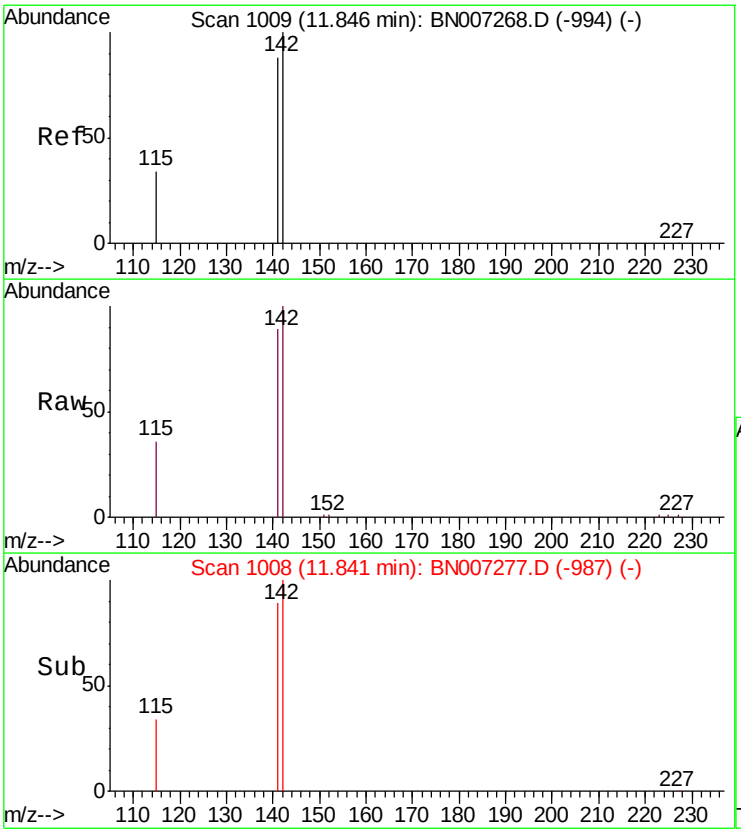
#11
2-Methylnaphthalene-d10
Concen: 0.213 ng
RT: 11.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:152 Resp: 9336

Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.2	22.8

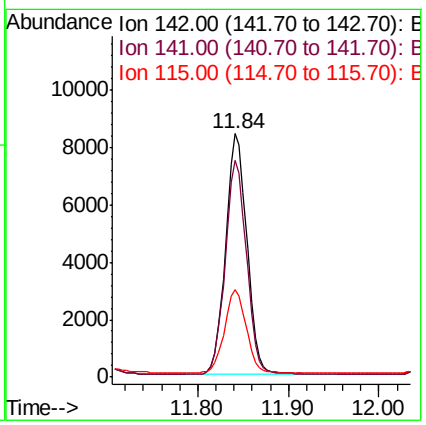


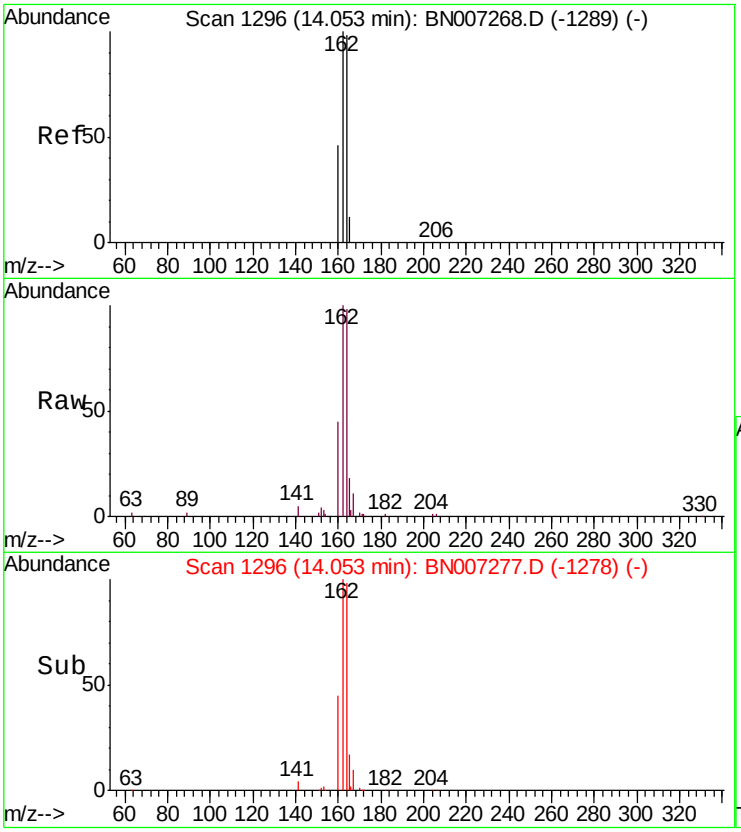


#12
2-Methylnaphthalene
Concen: 0.276 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:142 Resp: 13724

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	35.8	28.1	42.1



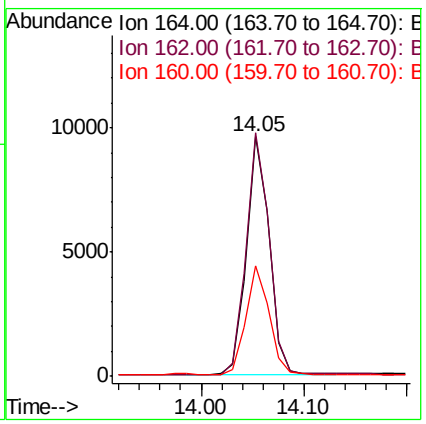


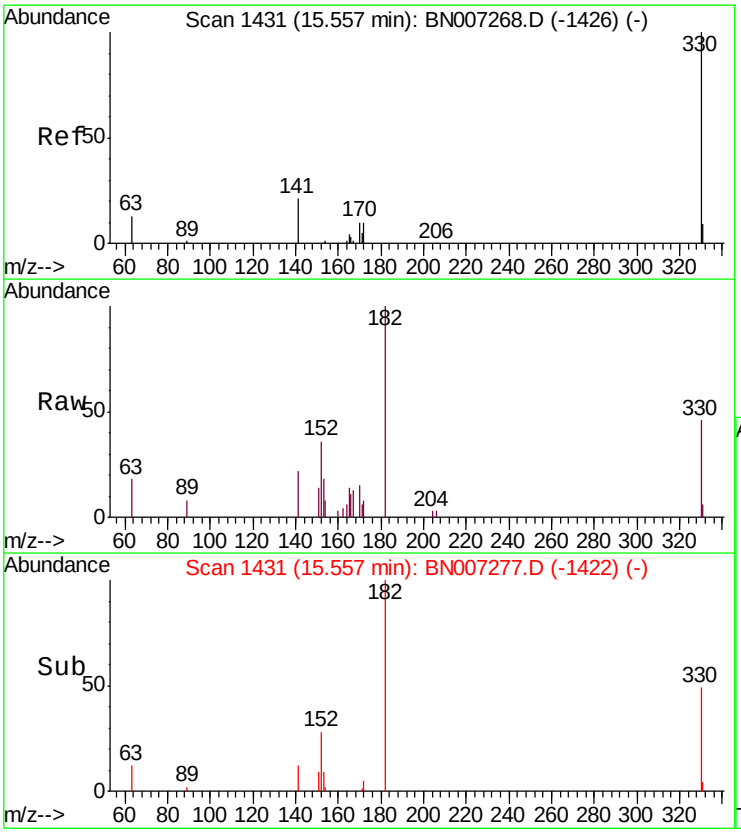
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:164 Resp: 14607

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.0	123.0
160	46.1	38.2	57.4

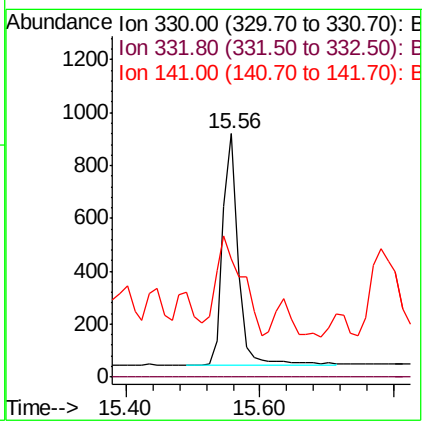


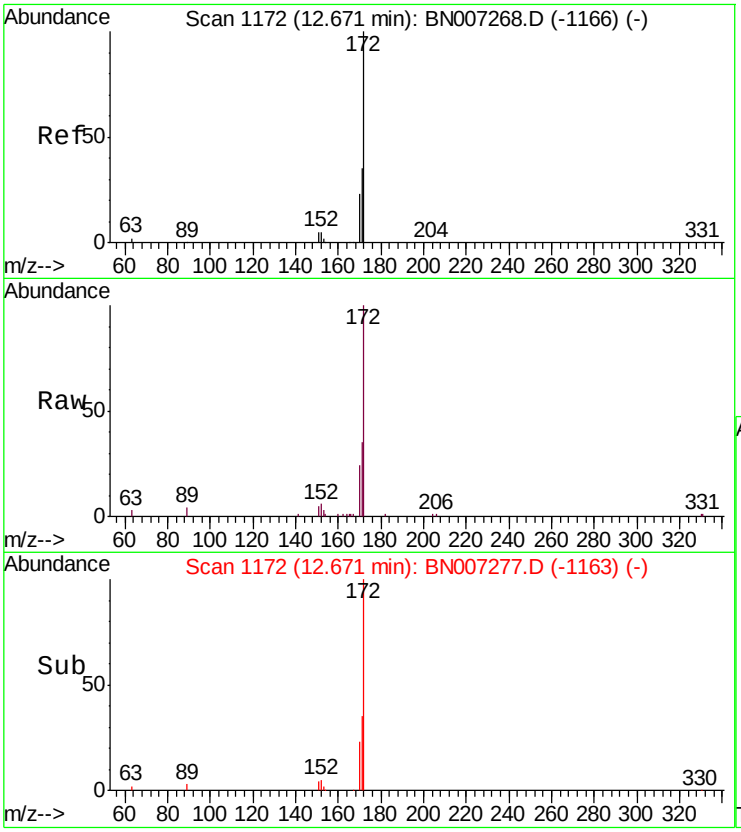


#14
2,4,6-Tribromophenol
Concen: 0.171 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:330 Resp: 1406

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	72.0	30.3	45.5#



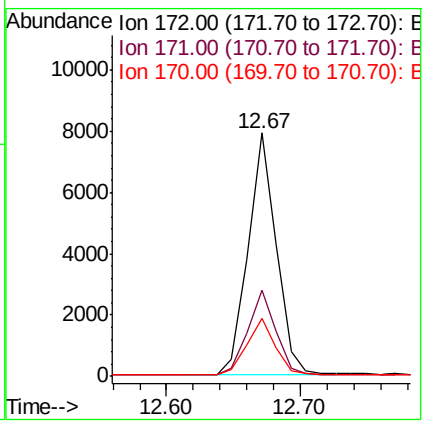


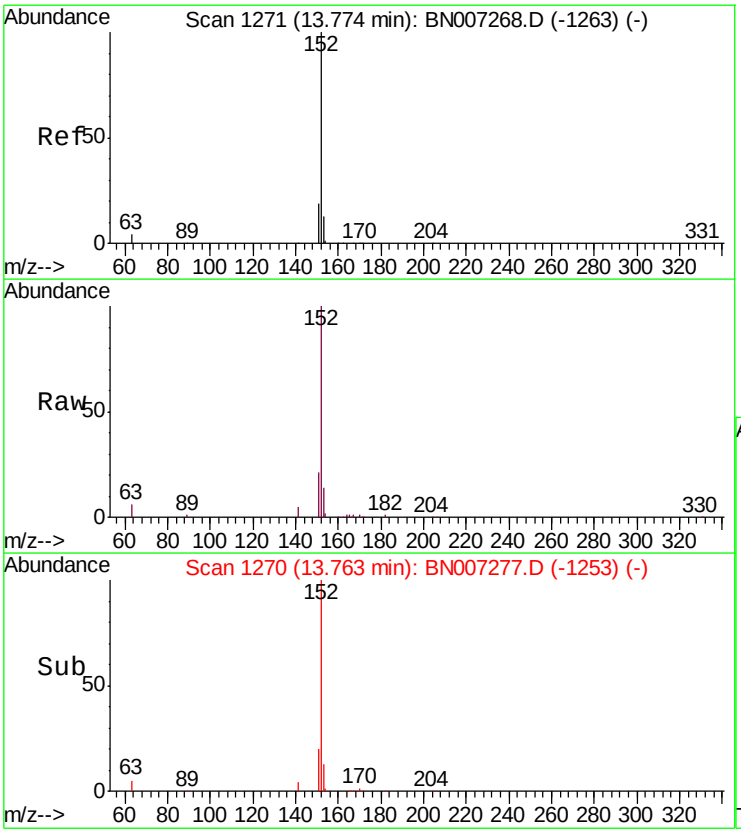
#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:172 Resp: 11616

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	24.0	18.7	28.1

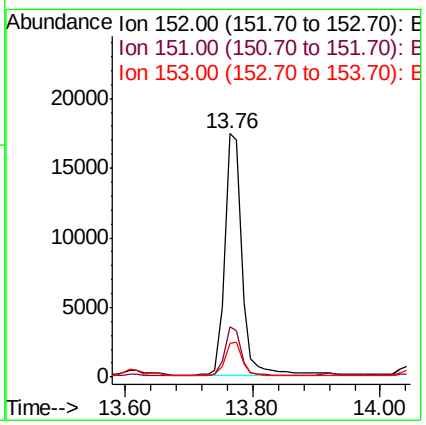


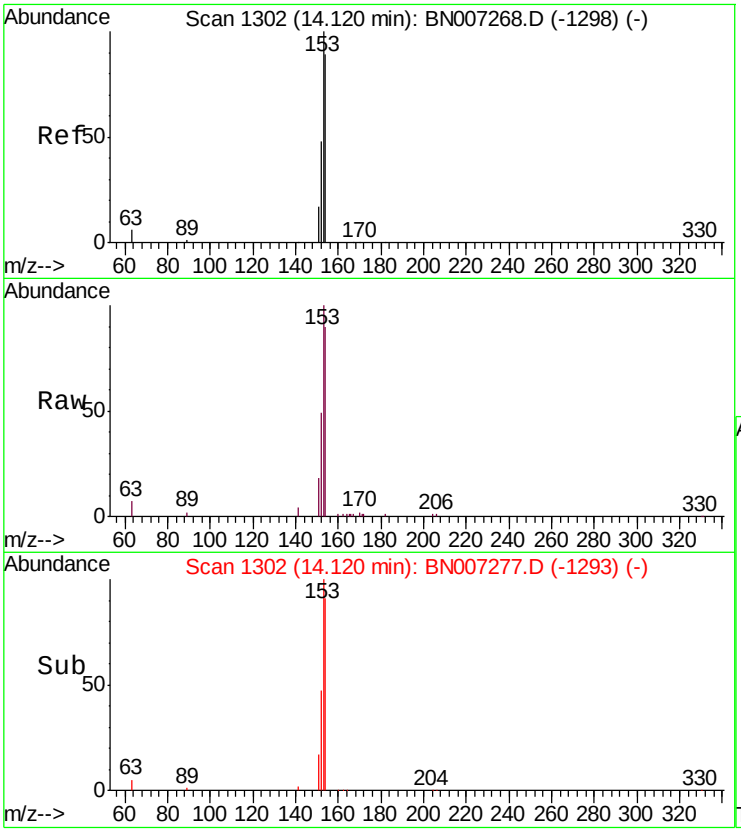


#16
Acenaphthylene
Concen: 0.424 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:152 Resp: 32832

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	14.0	10.1	15.1



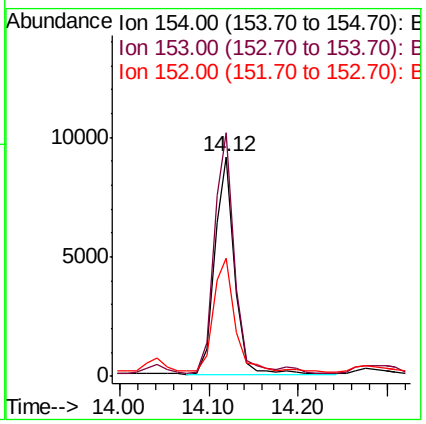


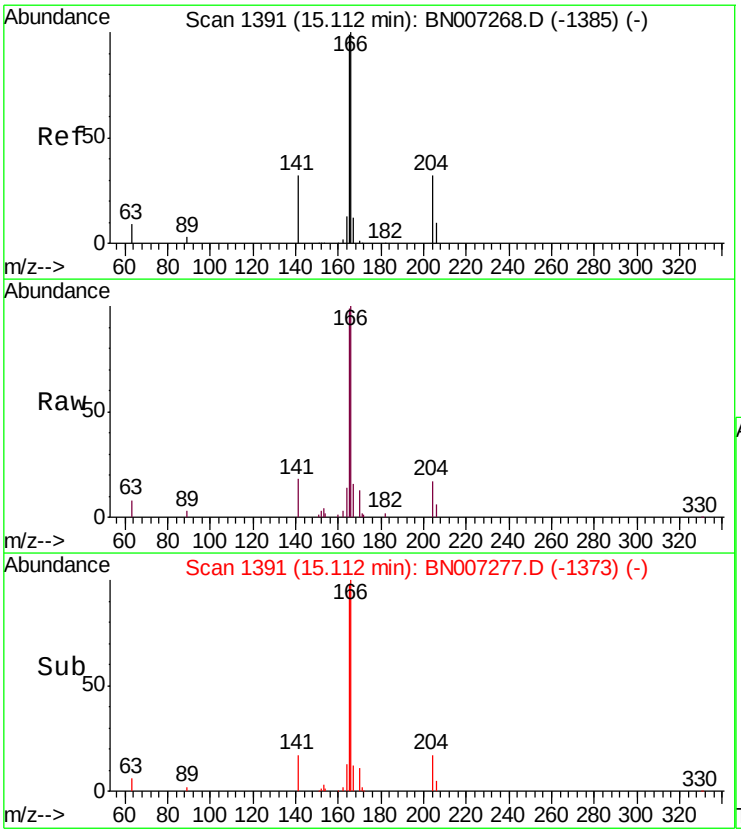
#17
Acenaphthene
Concen: 0.284 ng
RT: 14.12 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:154 Resp: 14017

Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.9	134.9
152	58.2	43.9	65.9

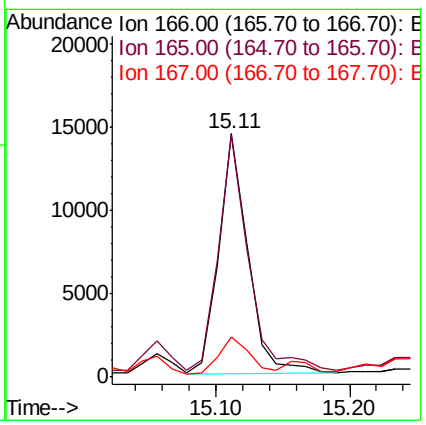


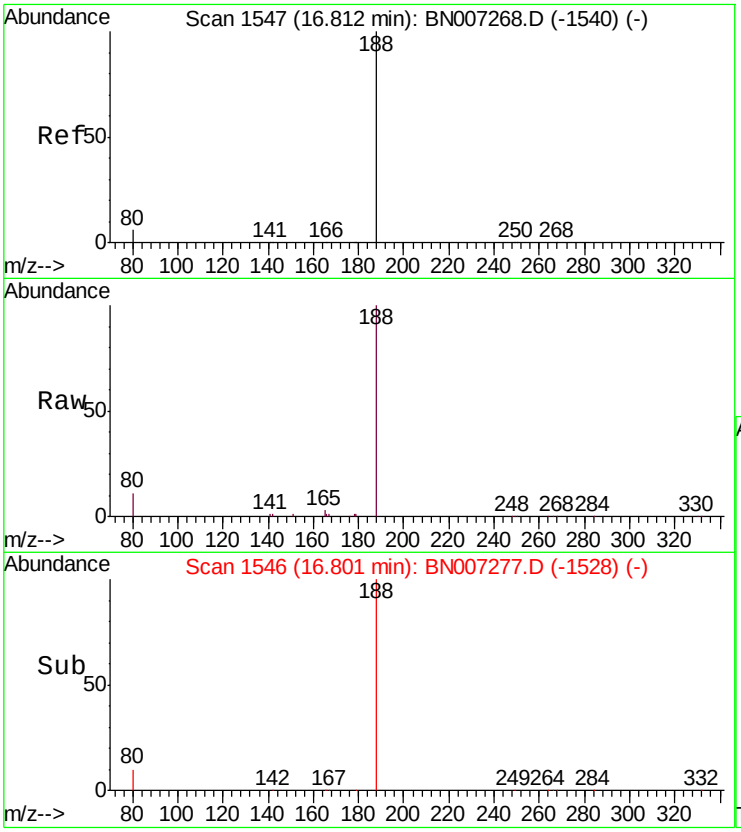


#18
Fluorene
Concen: 0.337 ng
RT: 15.11 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:166 Resp: 21731

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.3	117.5
167	16.0	11.1	16.7



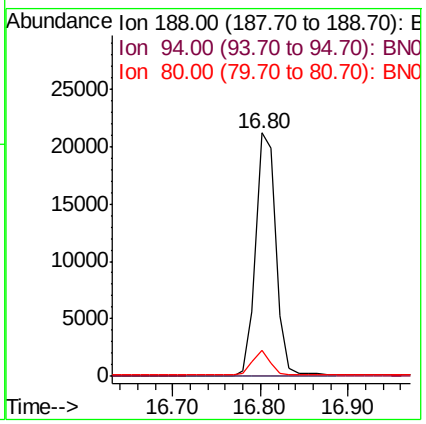


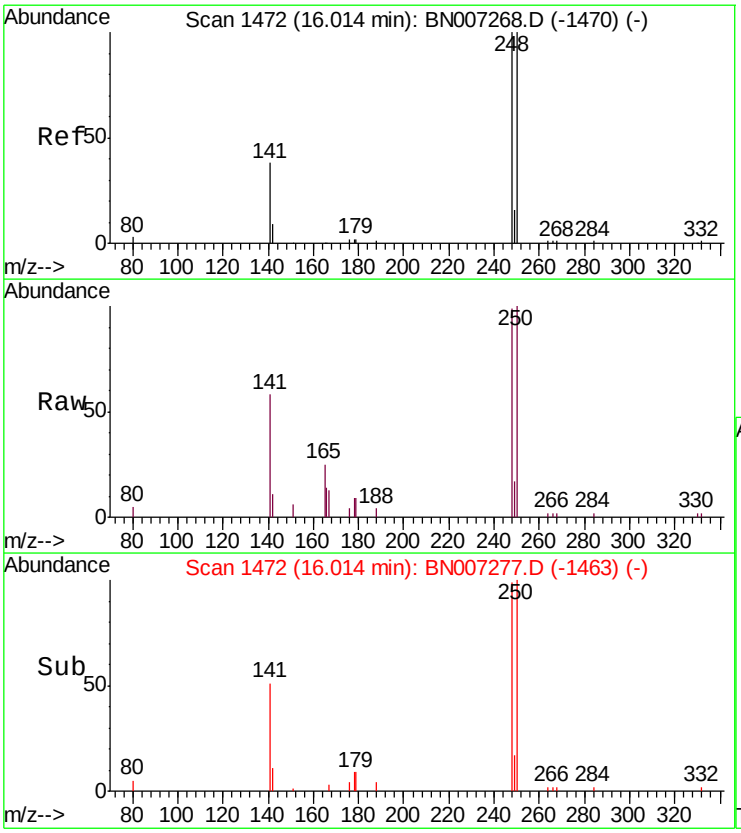
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:188 Resp: 34123

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	5.2	7.8#

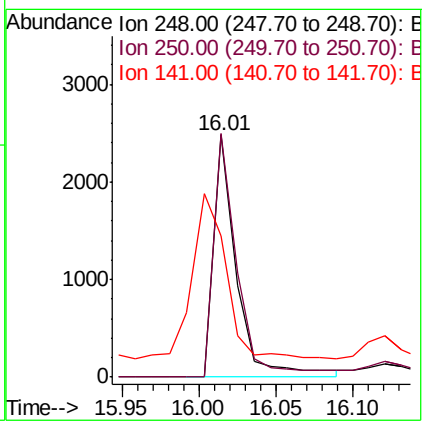


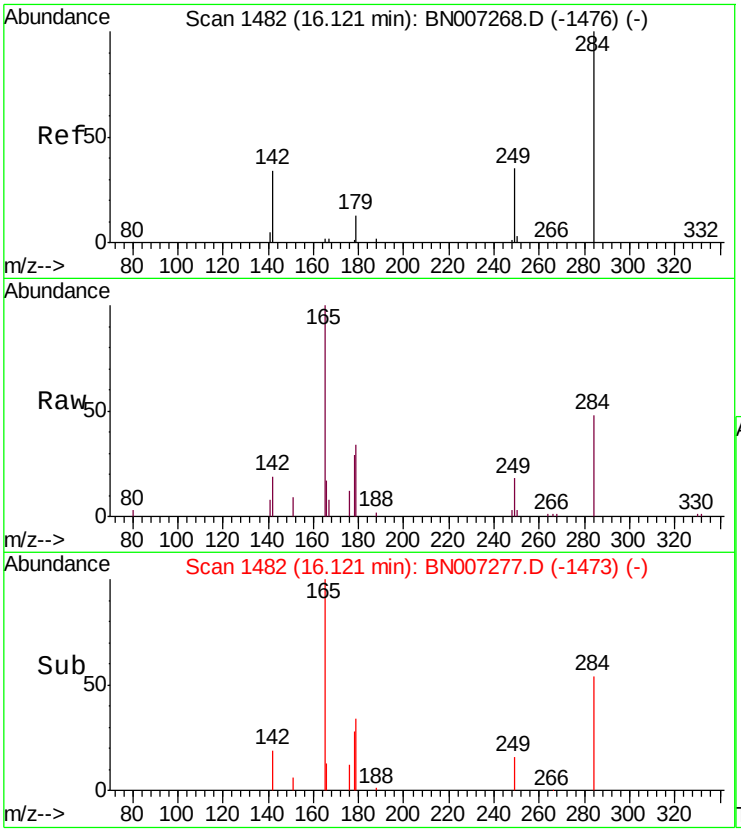


#20
4-Bromophenyl-phenylether
Concen: 0.132 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:248 Resp: 2575

Ion	Ratio	Lower	Upper
248	100		
250	100.6	79.6	119.4
141	58.4	45.1	67.7



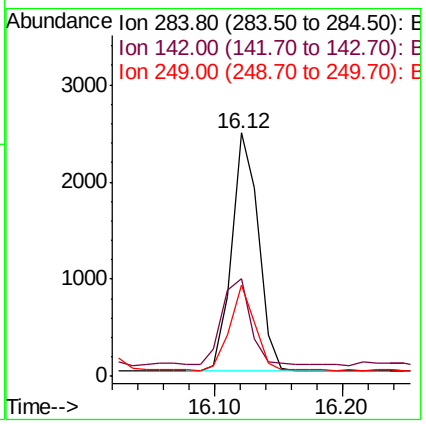


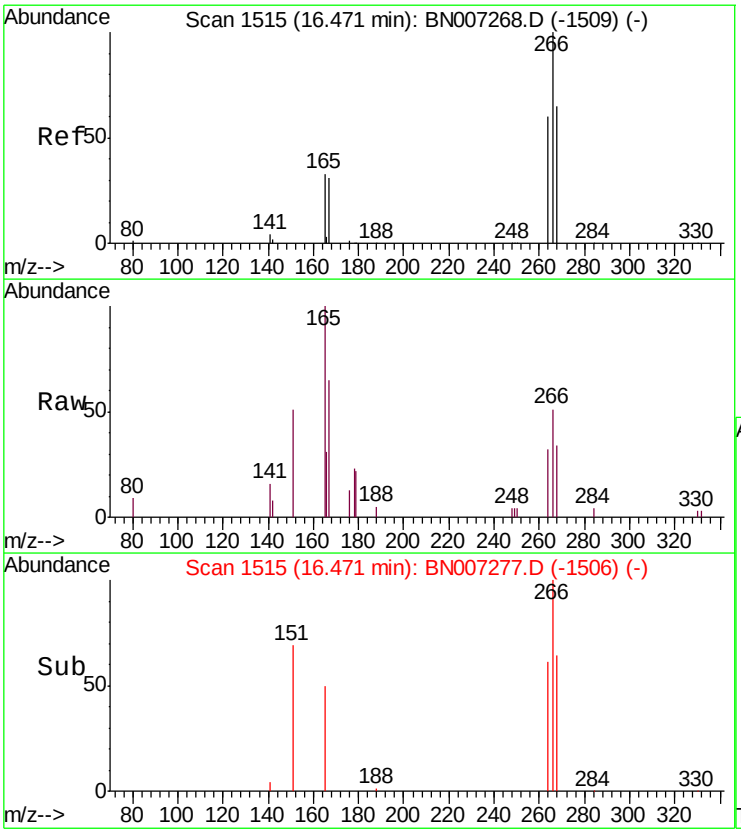
#21
Hexachlorobenzene
Concen: 0.159 ng
RT: 16.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:284 Resp: 3585

Ion	Ratio	Lower	Upper
284	100		
142	38.1	29.5	44.3
249	33.8	26.2	39.4

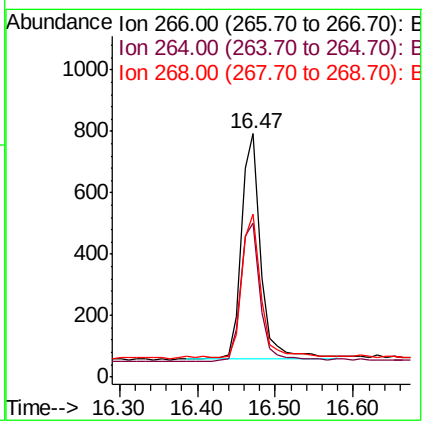


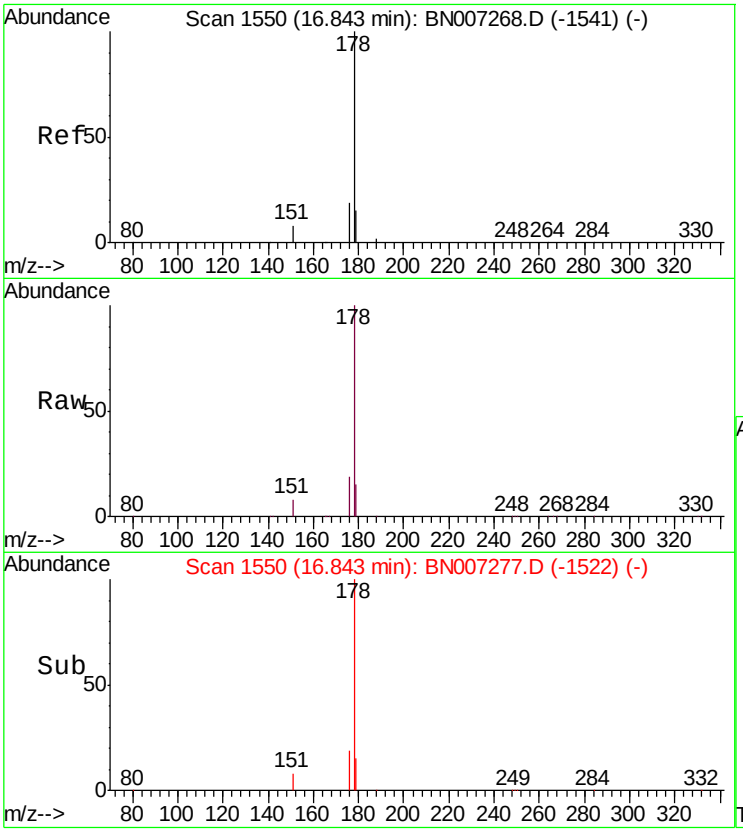


#22
Pentachlorophenol
Concen: 0.139 ng
RT: 16.47 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:266 Resp: 1260

Ion	Ratio	Lower	Upper
266	100		
264	63.2	48.7	73.1
268	67.1	53.5	80.3



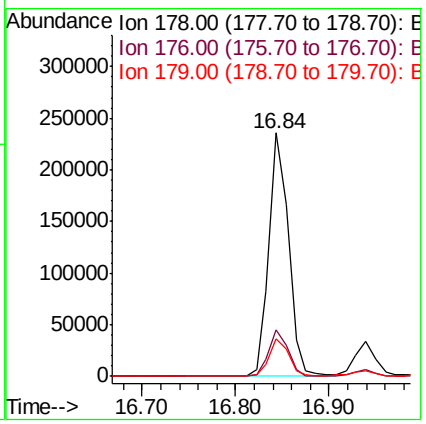


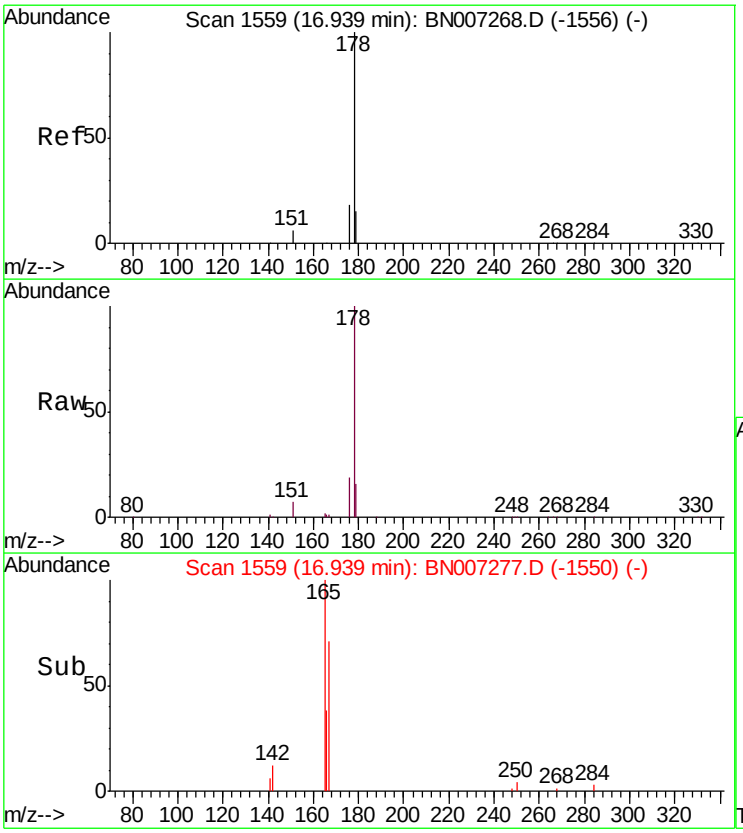
#23
Phenanthrene
Concen: 3.191 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:178 Resp: 341320

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.4	12.3	18.5

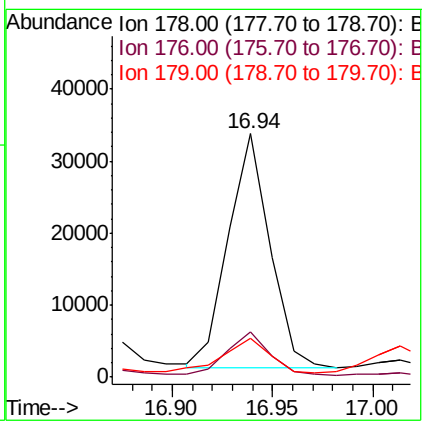


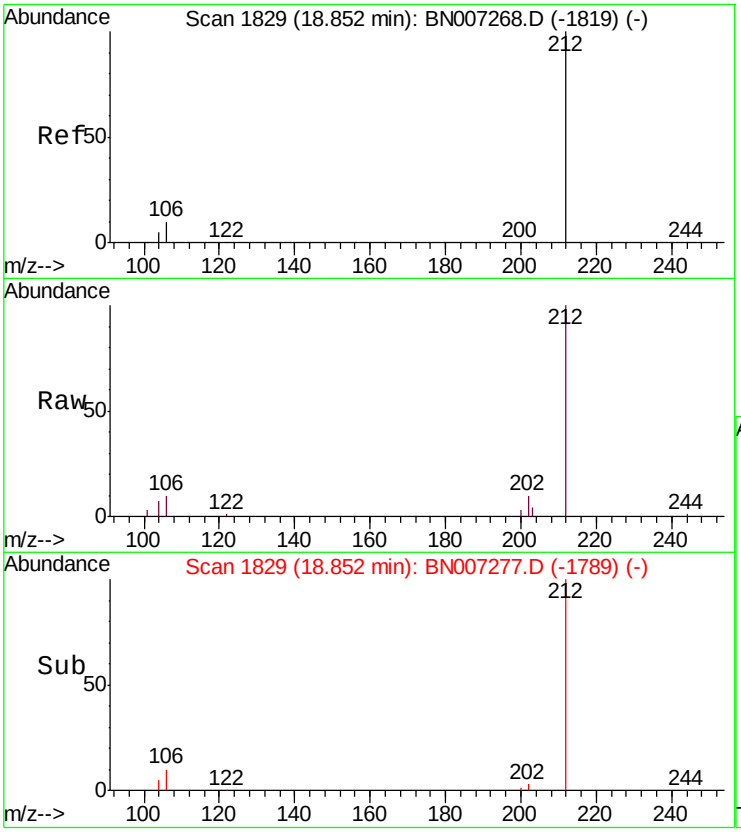


#24
Anthracene
Concen: 0.484 ng
RT: 16.94 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:178 Resp: 46588

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	17.0	12.3	18.5



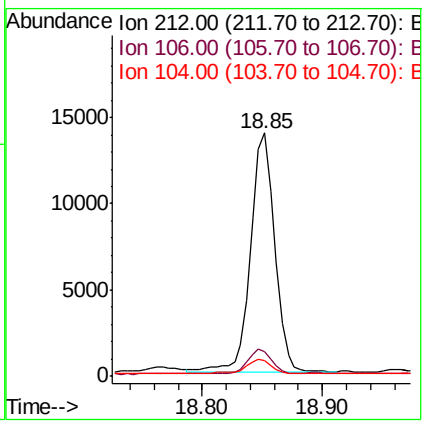


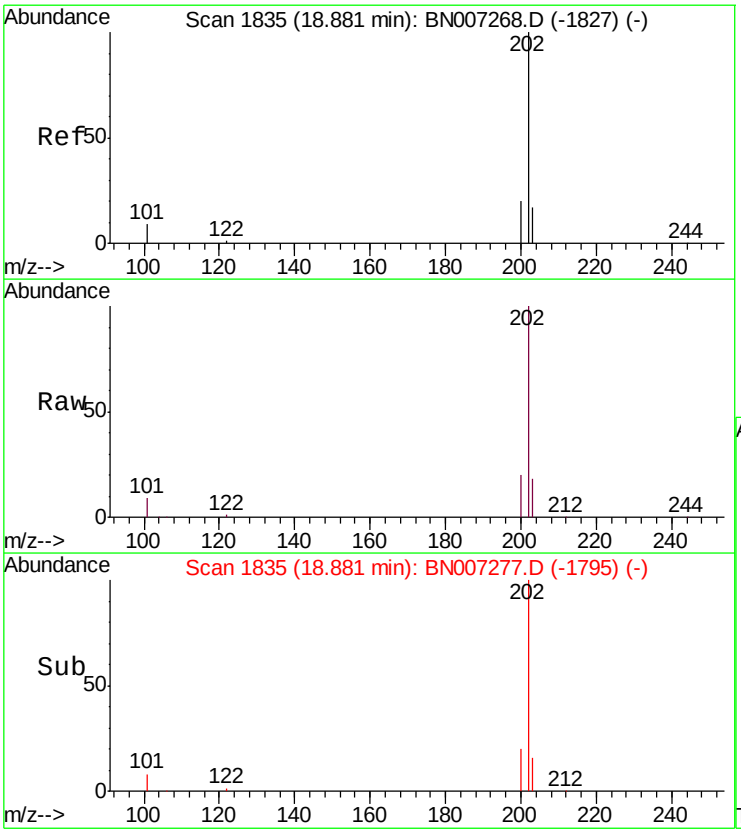
#25
Fluoranthene-d10
Concen: 0.179 ng
RT: 18.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:212 Resp: 19385

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.4
104	6.6	4.7	7.1

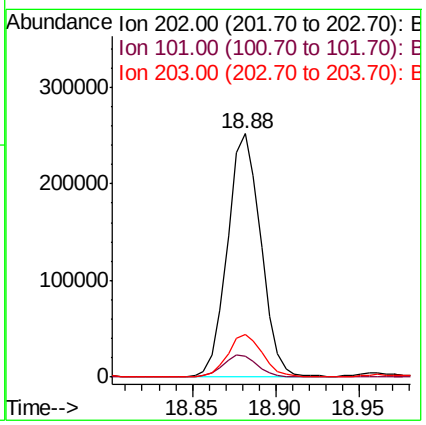


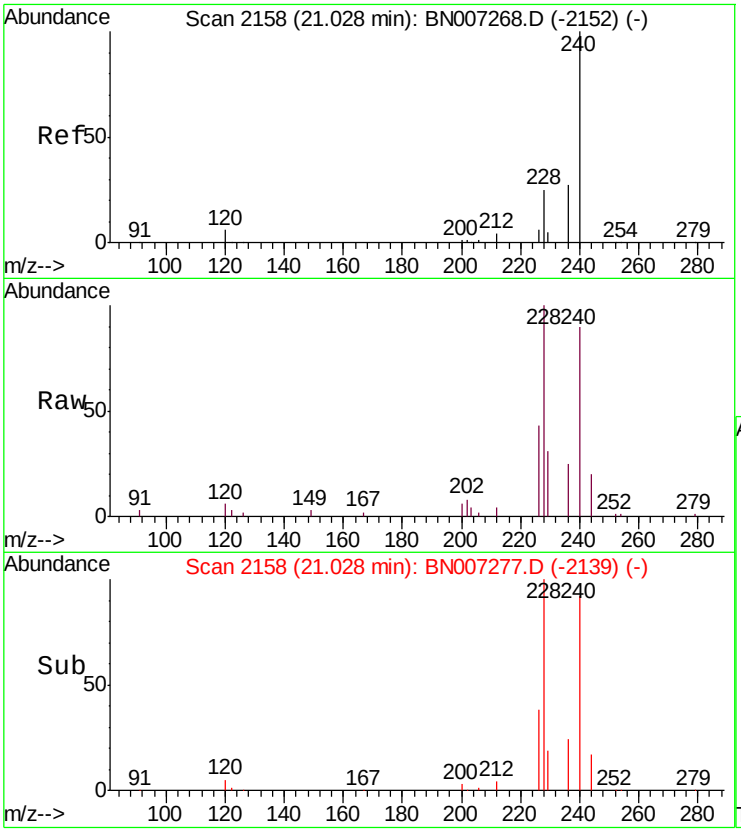


#26
Fluoranthene
Concen: 2.687 ng
RT: 18.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:202 Resp: 348075

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.8	13.8	20.6



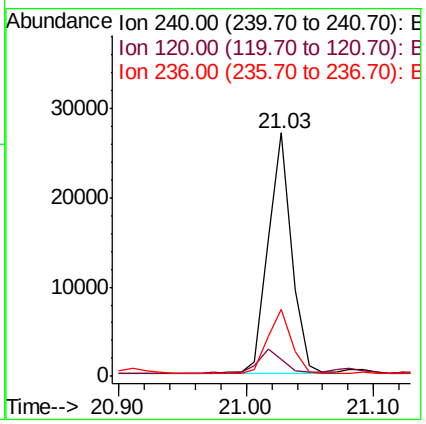


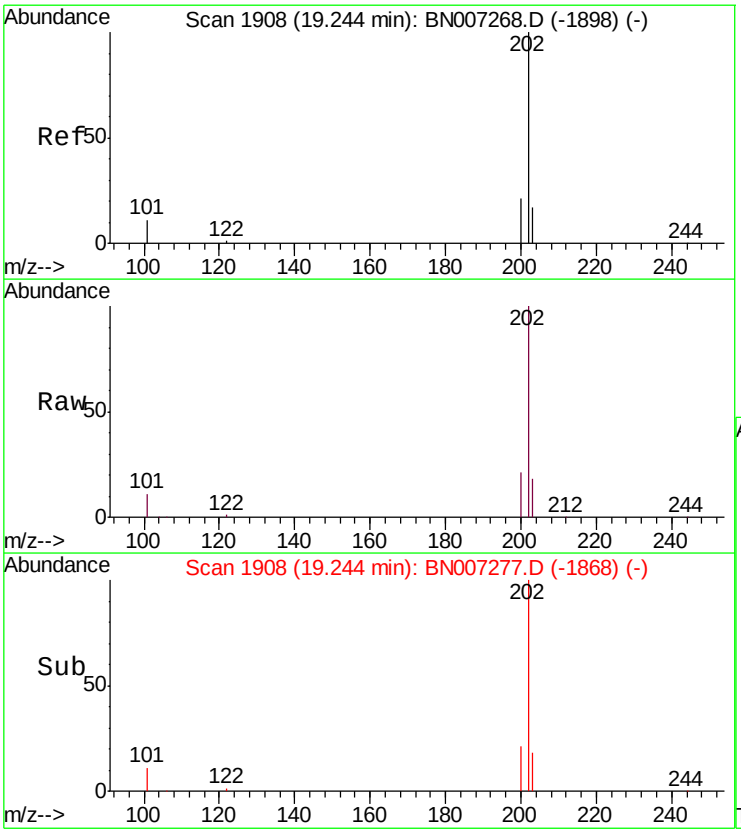
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:240 Resp: 34826

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.6	8.4
236	27.5	21.6	32.4

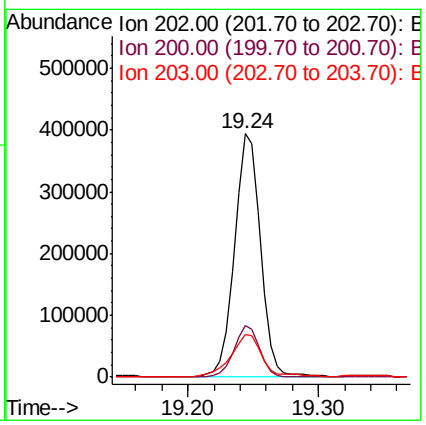


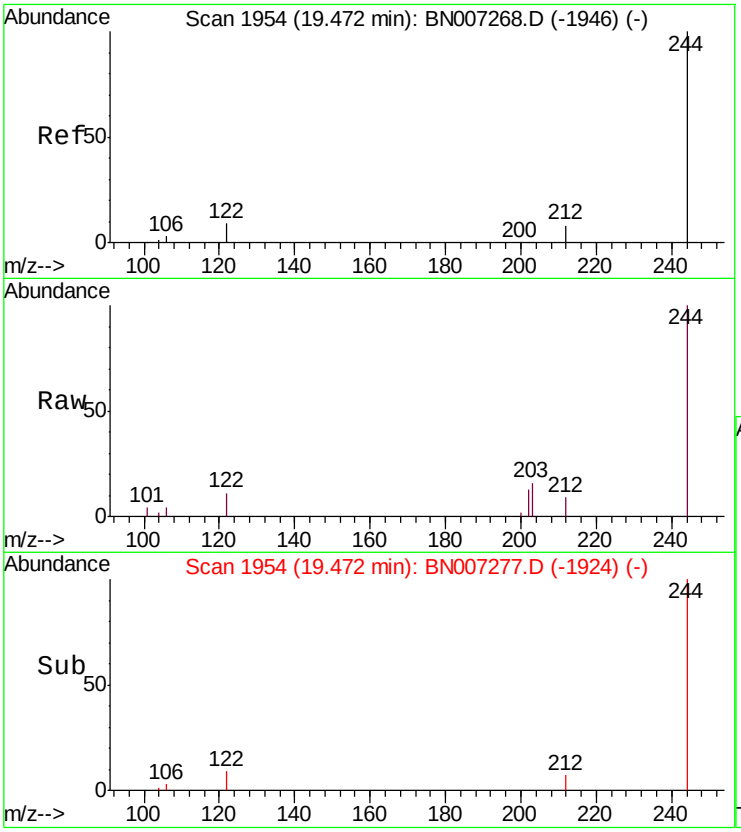


#28
Pyrene
Concen: 4.212 ng
RT: 19.24 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:202 Resp: 548471

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	20.1	13.9	20.9



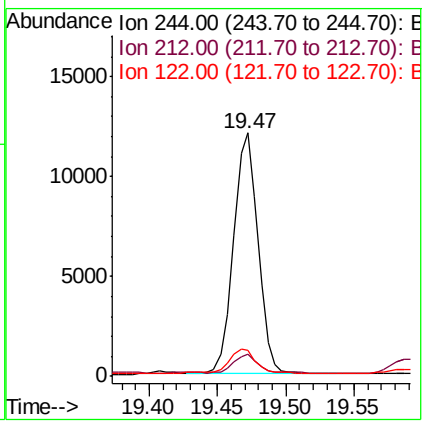


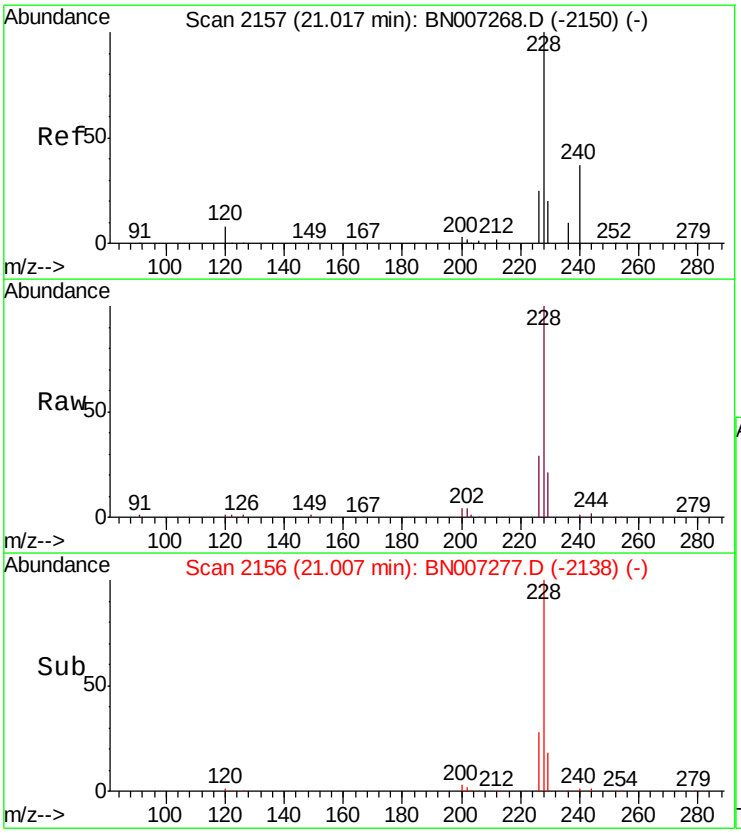
#29
Terphenyl-d14
Concen: 0.170 ng
RT: 19.47 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:244 Resp: 14845

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.5	9.7
122	10.8	7.9	11.9

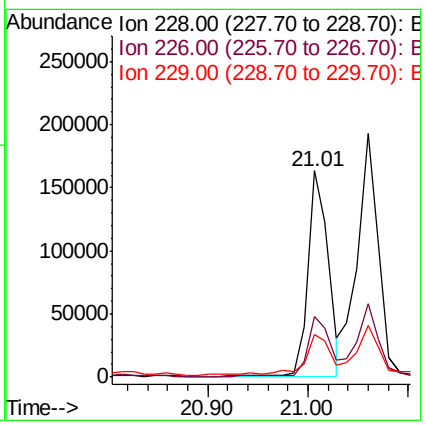


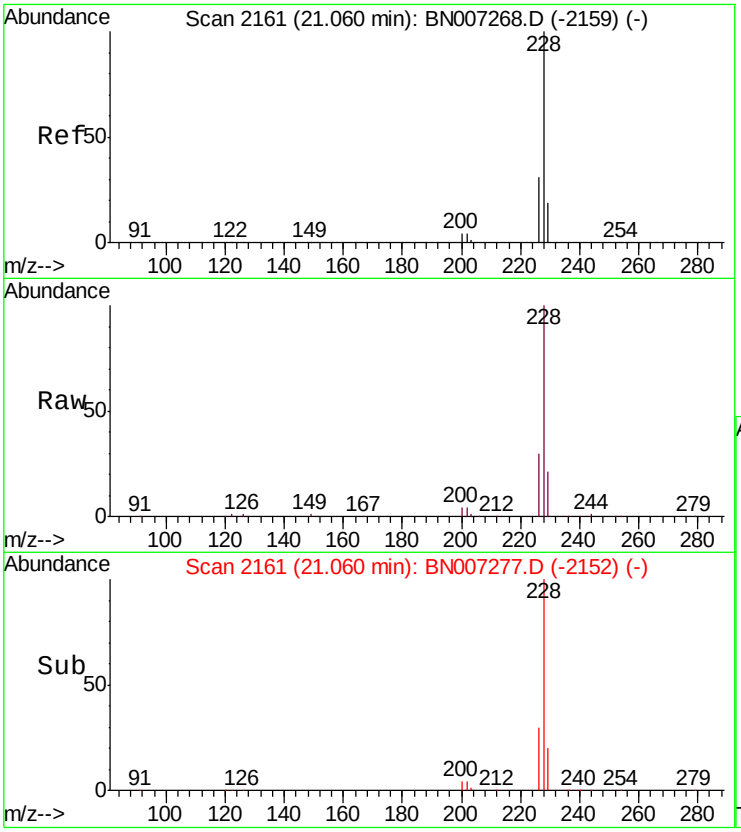


#30
Benzo(a)anthracene
Concen: 1.783 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:228 Resp: 230847

Ion	Ratio	Lower	Upper
228	100		
226	29.3	20.6	30.8
229	20.9	16.9	25.3



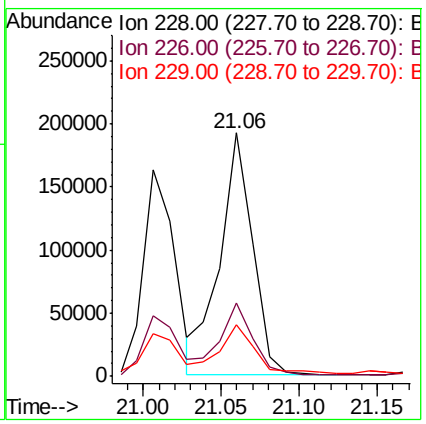


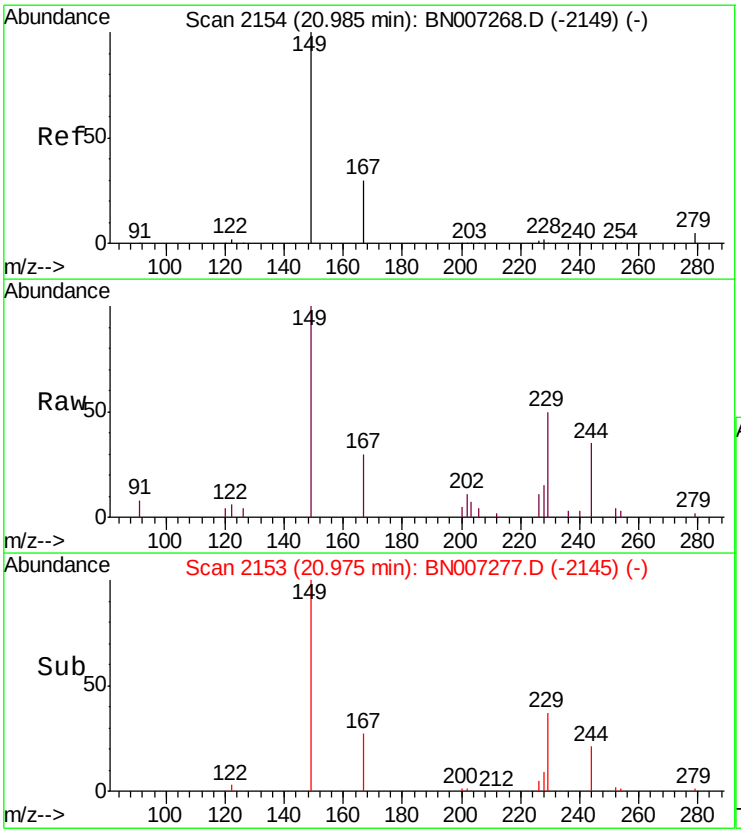
#31
Chrysene
Concen: 2.110 ng
RT: 21.06 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:228 Resp: 278821

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	36.8
229	21.2	15.6	23.4

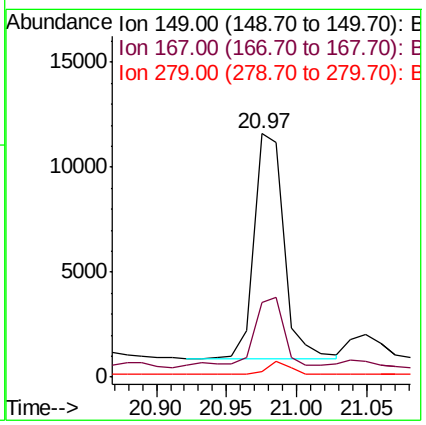


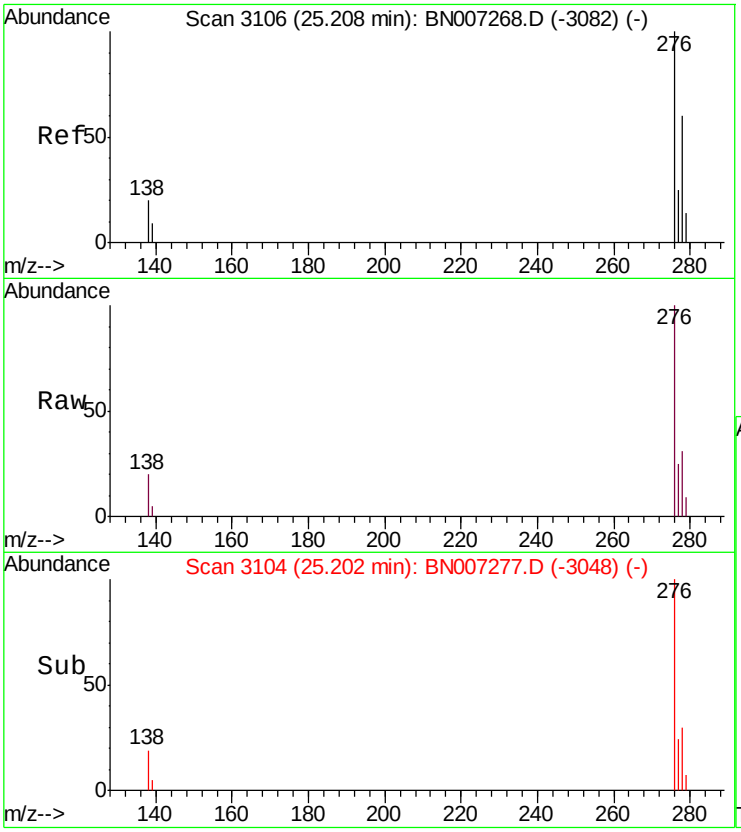


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.309 ng
RT: 20.97 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:149 Resp: 15994

Ion	Ratio	Lower	Upper
149	100		
167	33.5	23.8	35.6
279	4.5	3.8	5.8



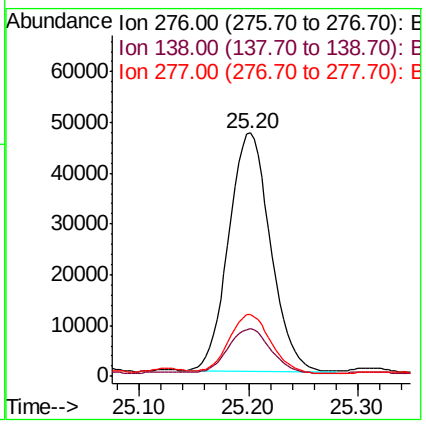


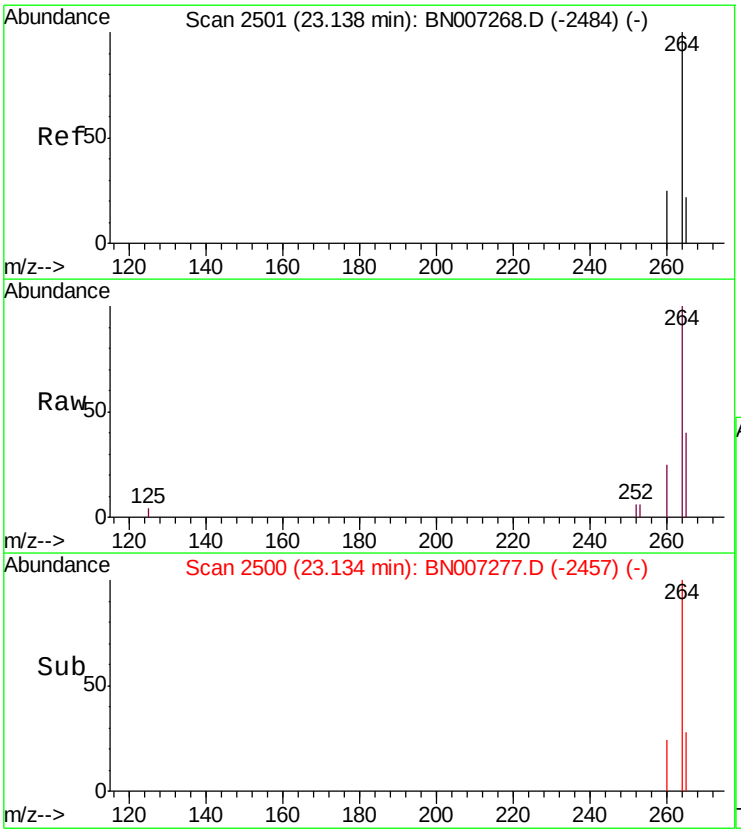
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.790 ng
RT: 25.20 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:276 Resp: 125562

Ion	Ratio	Lower	Upper
276	100		
138	19.5	17.1	25.7
277	25.0	20.1	30.1

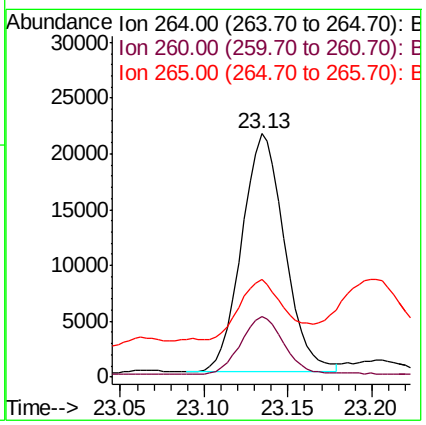


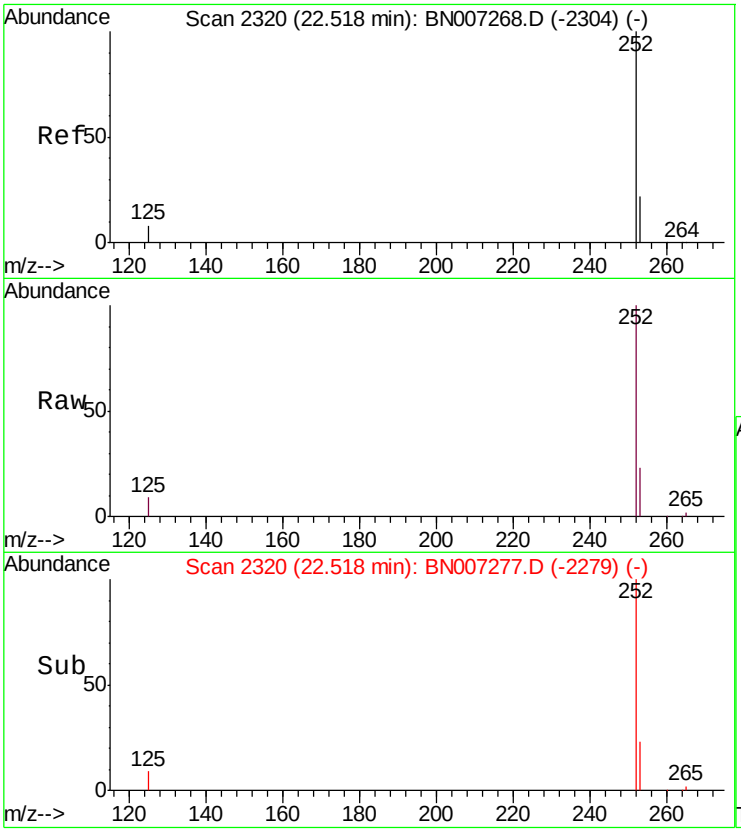


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:264 Resp: 38507

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	40.1	29.0	43.6



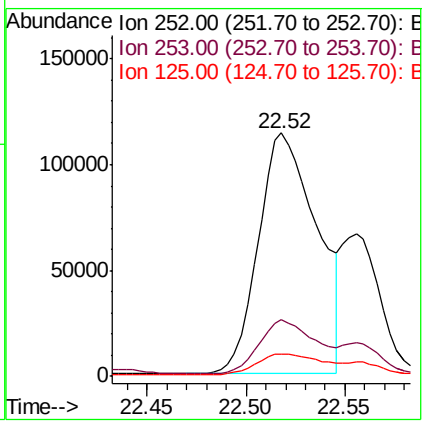


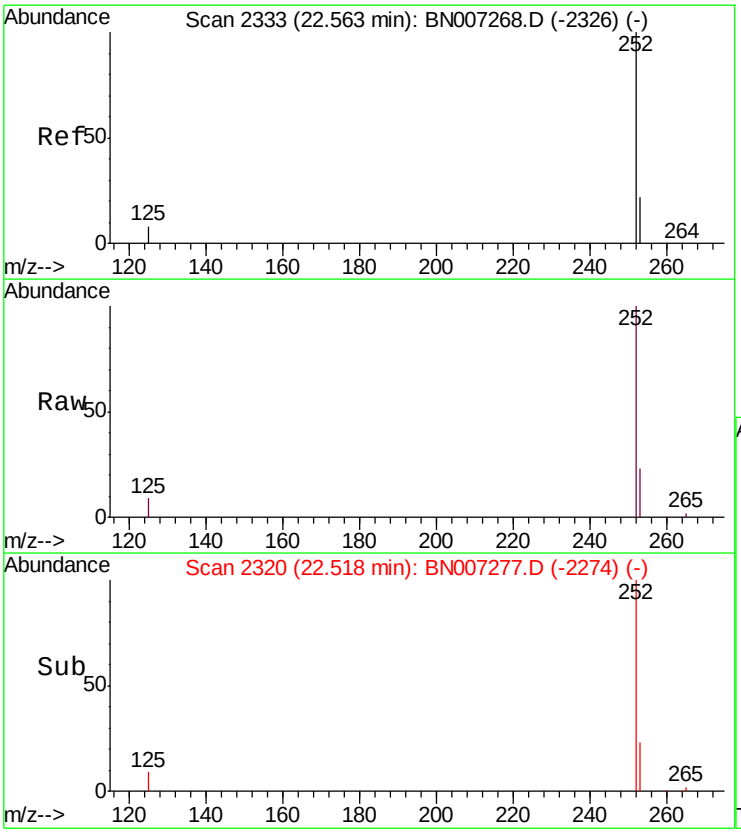
#35
Benzo(b)fluoranthene
Concen: 1.633 ng
RT: 22.52 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:252 Resp: 234449

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	9.2	7.8	11.6

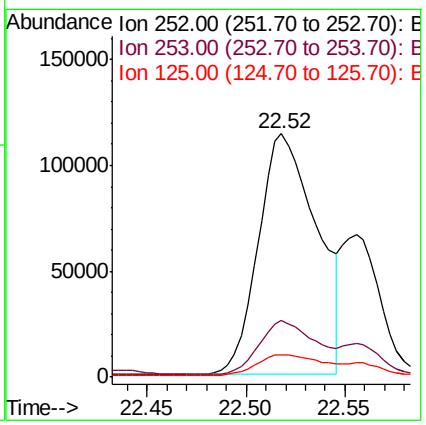


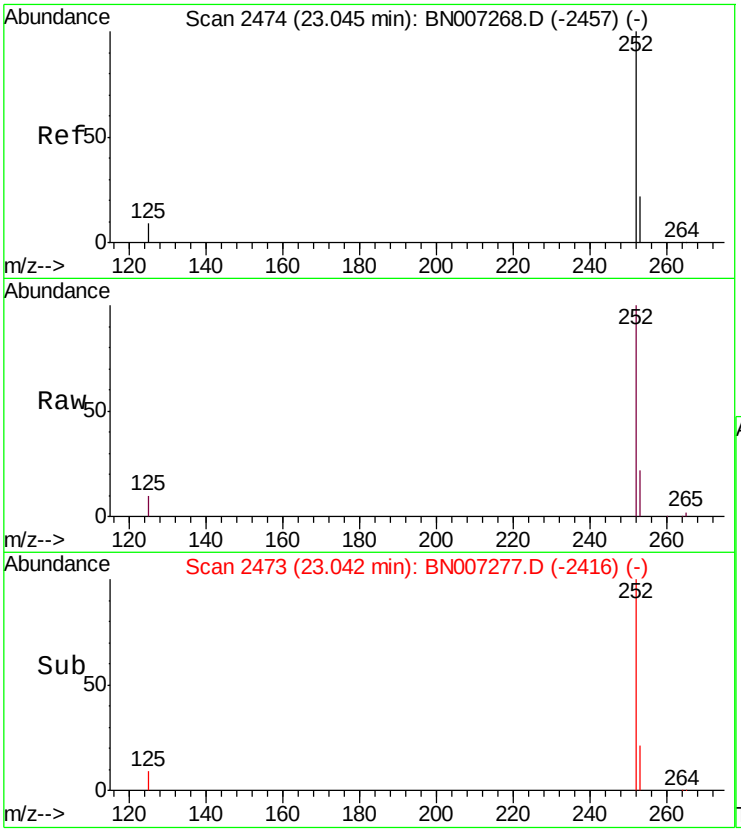


#36
Benzo(k)fluoranthene
Concen: 1.667 ng
RT: 22.52 min Scan# 2320
Delta R.T. -0.04 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:252 Resp: 234449

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	9.2	8.0	12.0



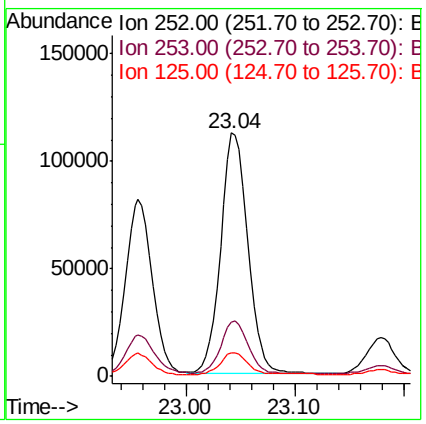


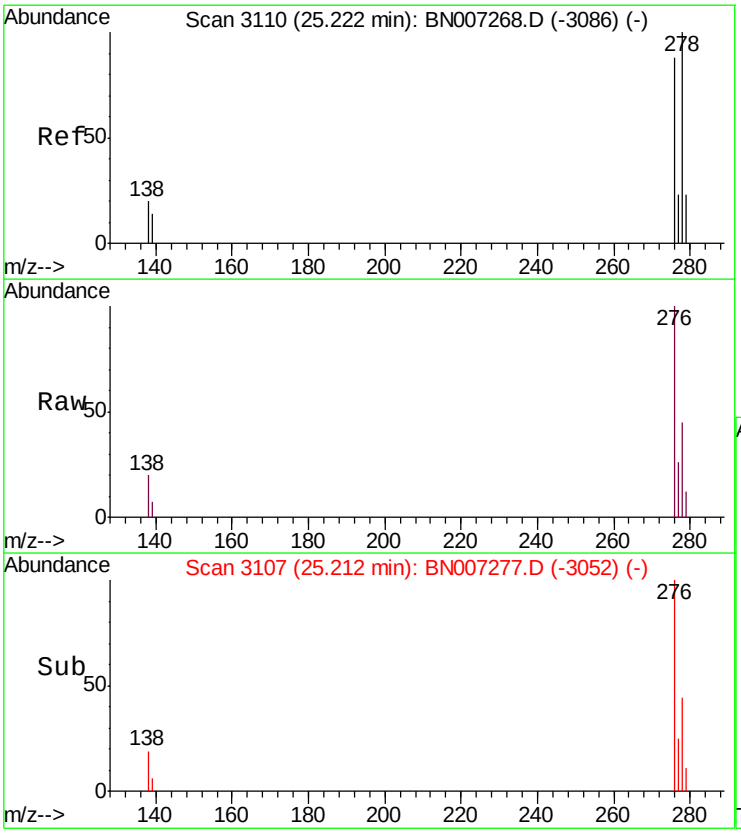
#37
Benzo(a)pyrene
Concen: 1.500 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:252 Resp: 194103

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	9.7	8.7	13.1

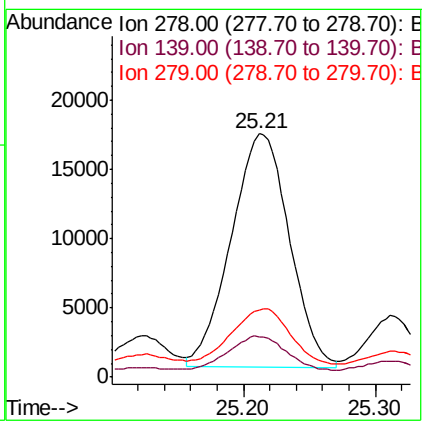


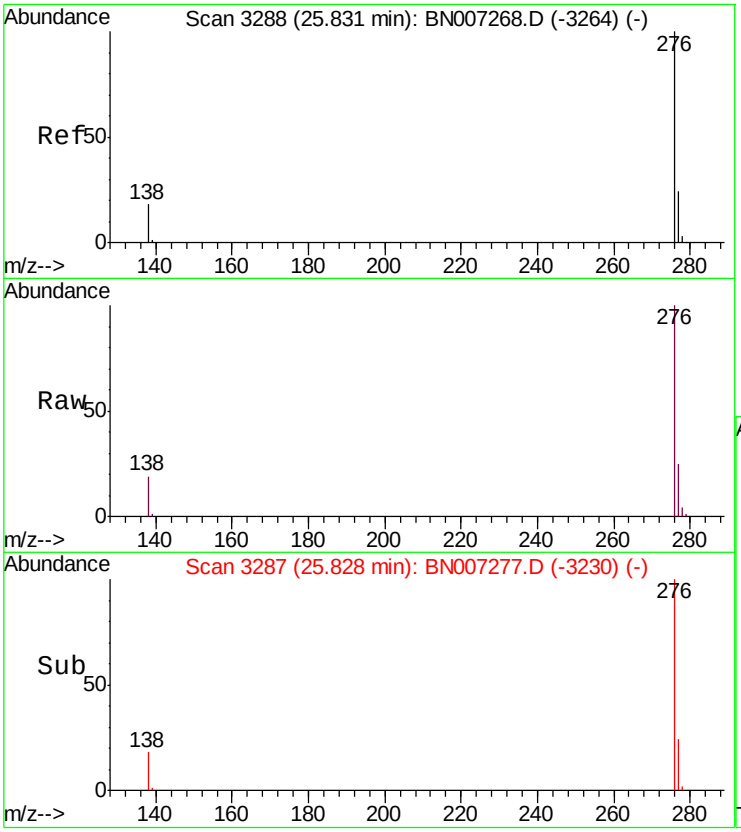


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion:278 Resp: 51727

Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.8	17.8
279	27.5	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 1.025 ng
RT: 25.83 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:276 Resp: 140862

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	19.1	15.3	22.9