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

Quantitation Report (Not Reviewed)

Data File : BN007278.D
Acq On : 21 Aug 2019 04:15
Operator : HP/JU
Sample : K4173-10MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Aug 21 05:49:10 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	6931	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	26184	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	15025	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	35367	0.40	ng		0.00
27) Chrysene-d12	21.03	240	35805	0.40	ng		0.00
34) Perylene-d12	23.13	264	41149	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	6578	0.31	ng		0.00
5) Phenol-d6	6.60	99	8714	0.36	ng		0.00
8) Nitrobenzene-d5	8.54	82	7294	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	18299	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2612	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	21363	0.33	ng		0.00
25) Fluoranthene-d10	18.85	212	35203	0.31	ng		0.00
29) Terphenyl-d14	19.47	244	26549	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2548	0.259	ng	#	65
3) n-Nitrosodimethylamine	3.32	42	2086	0.316	ng	#	85
6) bis(2-Chloroethyl)ether	6.85	93	7614	0.372	ng		97
9) Naphthalene	10.21	128	36537	0.492	ng		100
10) Hexachlorobutadiene	10.52	225	4797	0.293	ng	#	99
12) 2-Methylnaphthalene	11.84	142	26549	0.517	ng		99
16) Acenaphthylene	13.77	152	57562	0.722	ng		98
17) Acenaphthene	14.11	154	25537	0.503	ng		98
18) Fluorene	15.12	166	38960	0.587	ng		96
20) 4-Bromophenyl-phenylether	16.01	248	6307	0.311	ng	#	80
21) Hexachlorobenzene	16.12	284	6560	0.280	ng		98
22) Pentachlorophenol	16.46	266	5224	0.555	ng		95
23) Phenanthrene	16.85	178	590507	5.327	ng		100
24) Anthracene	16.94	178	86767	0.869	ng		98
26) Fluoranthene	18.88	202	627866	4.676	ng		99
28) Pyrene	19.25	202	991322	7.404	ng	#	96
30) Benzo(a)anthracene	21.00	228	415658	3.122	ng		95
31) Chrysene	21.06	228	513590	3.780	ng		98
32) Bis(2-ethylhexyl)phthalate	20.98	149	29916	0.562	ng		96
33) Indeno(1,2,3-cd)pyrene	25.20	276	230123	1.408	ng		98
35) Benzo(b)fluoranthene	22.52	252	415520	2.709	ng		99
36) Benzo(k)fluoranthene	22.52	252	415520	2.765	ng		99
37) Benzo(a)pyrene	23.04	252	357509	2.586	ng		98
38) Dibenzo(a,h)anthracene	25.21	278	94361	0.650	ng		95
39) Benzo(g,h,i)perylene	25.83	276	261645	1.782	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 : BN007278.D
Acq On : 21 Aug 2019 04:15
Operator : HP/JU
Sample : K4173-10MSD
Misc :
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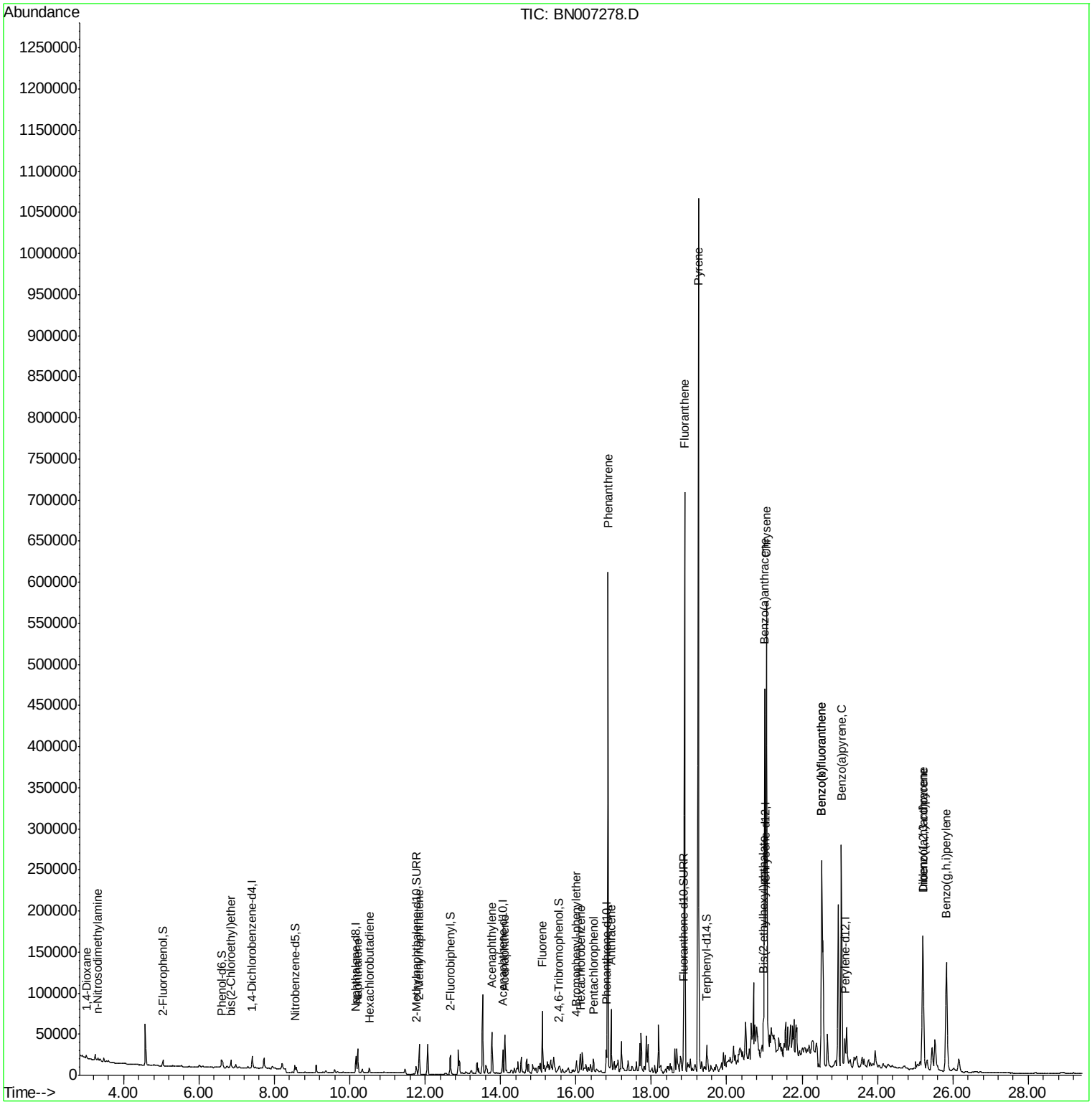
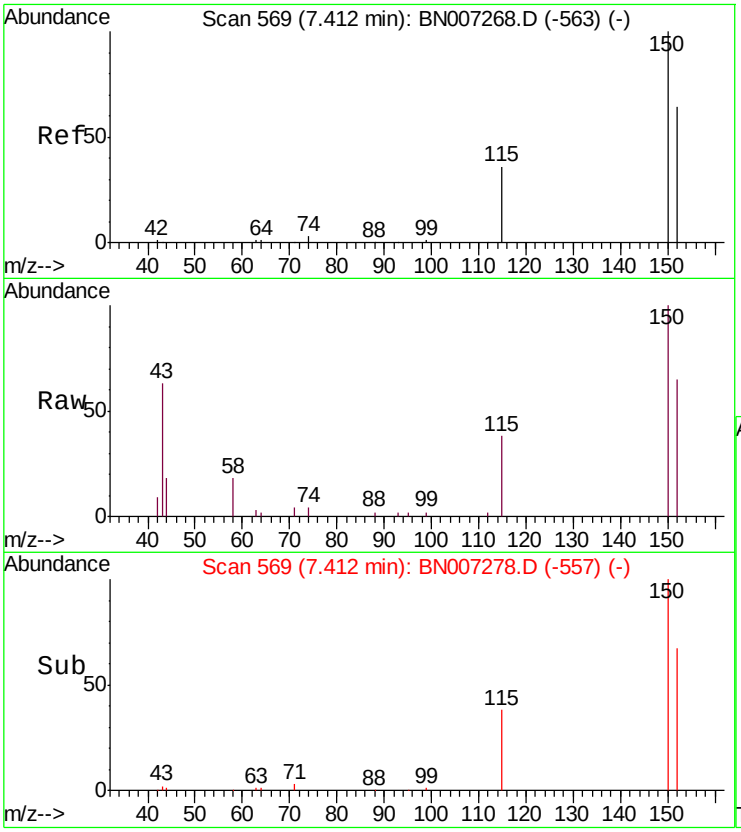
Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MSD

Quant Time: Aug 21 05:49:10 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



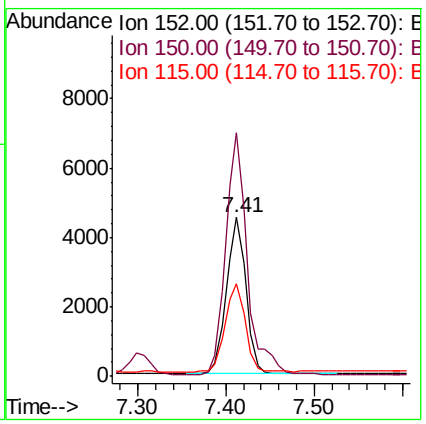


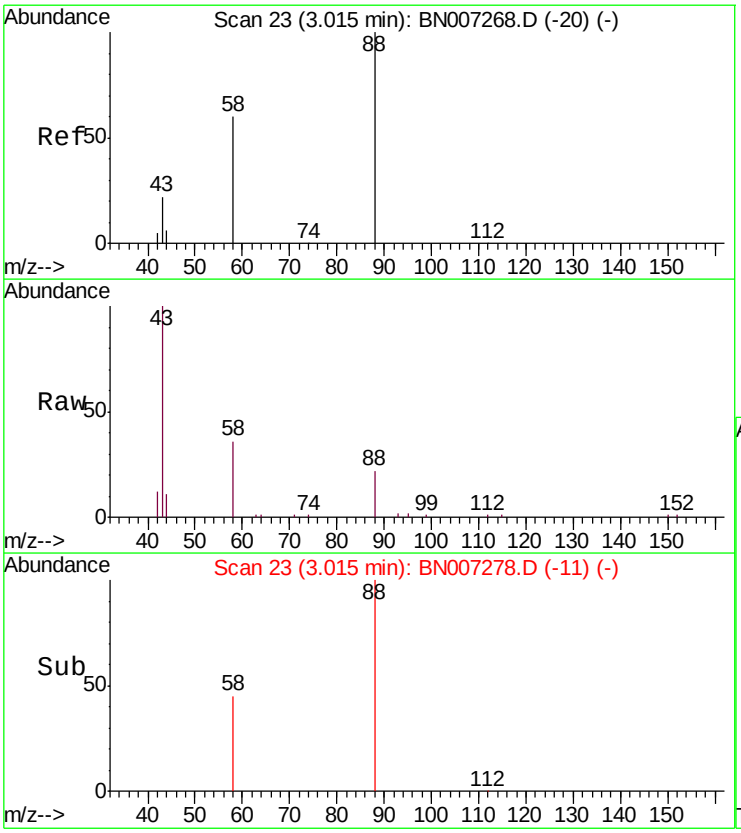
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:152 Resp: 6931

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.8
115	58.6	47.3	70.9

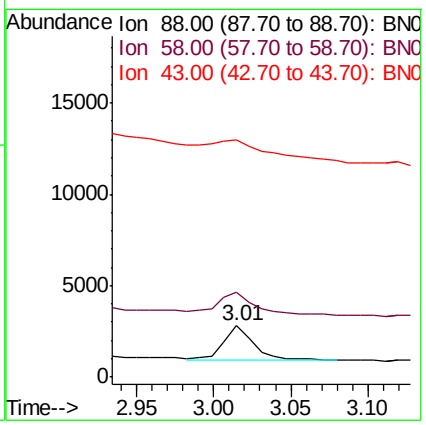


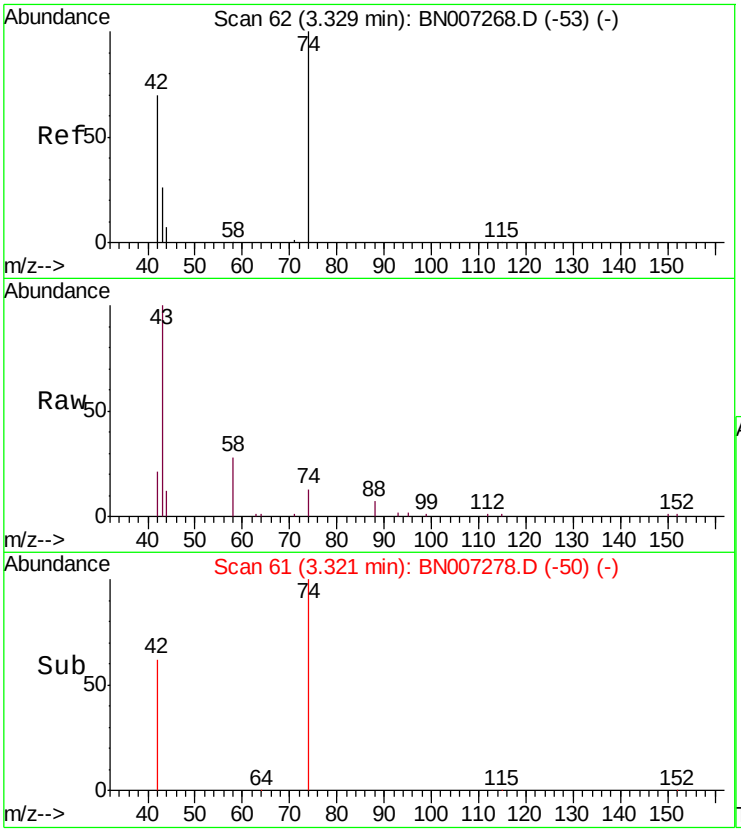


#2
1,4-Dioxane
Concen: 0.259 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion: 88 Resp: 2548

Ion	Ratio	Lower	Upper
88	100		
58	77.4	45.5	68.3#
43	0.0	20.4	30.6#



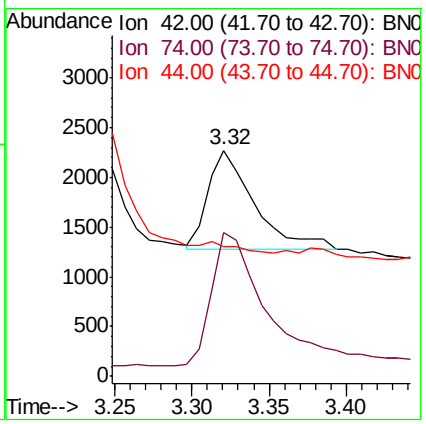


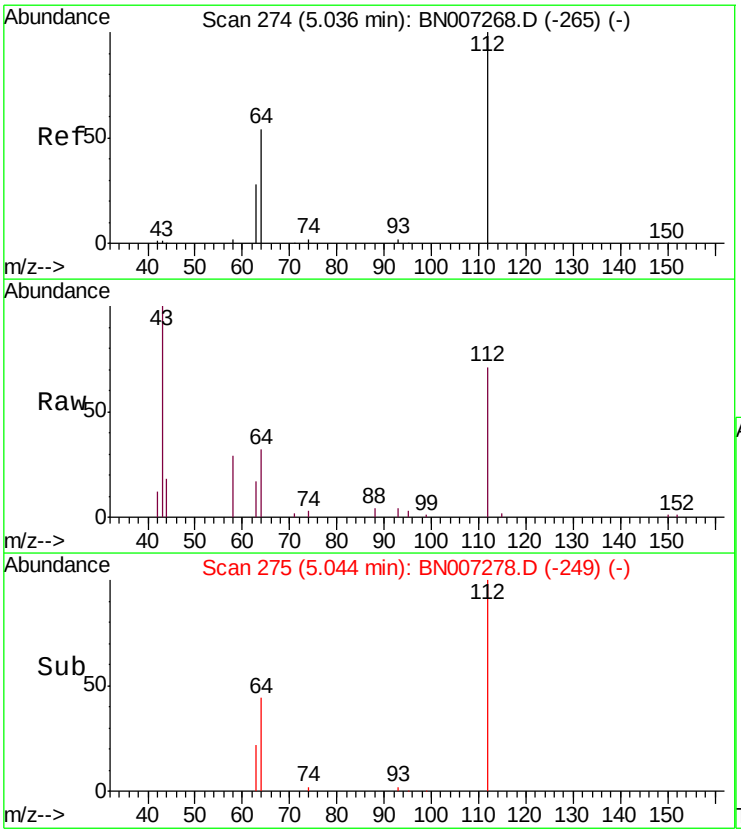
#3
n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion: 42 Resp: 2086

Ion	Ratio	Lower	Upper
42	100		
74	154.5	109.0	163.4
44	0.0	4.2	6.2#

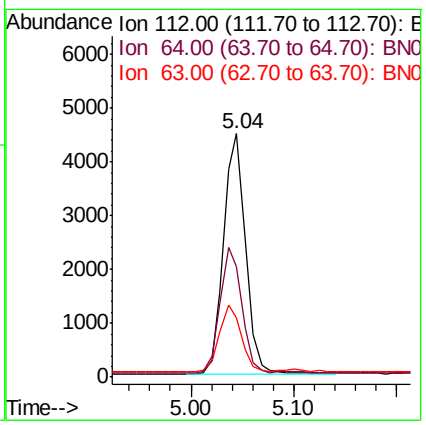


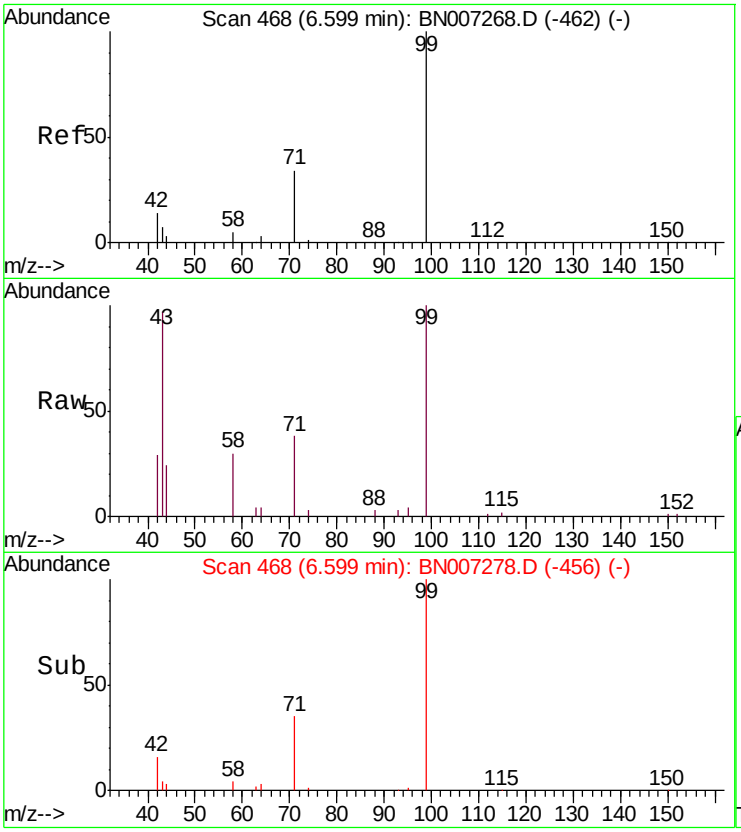


#4
2-Fluorophenol
Concen: 0.311 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:112 Resp: 6578

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.8	62.8
63	27.3	22.6	34.0



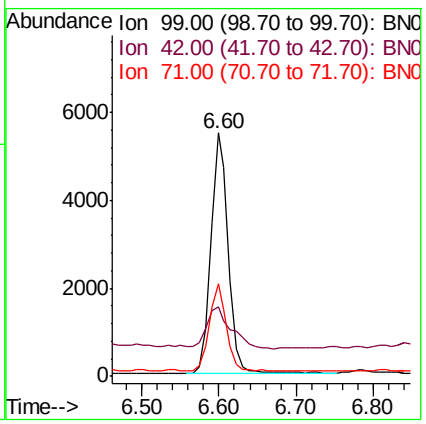


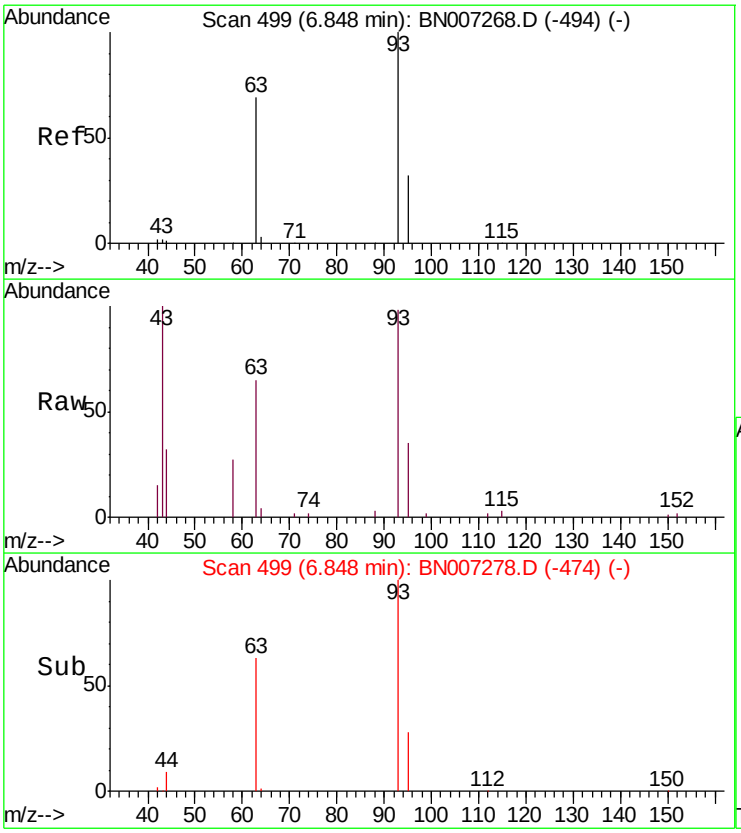
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion: 99 Resp: 8714

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.3	21.5#
71	35.5	27.3	40.9

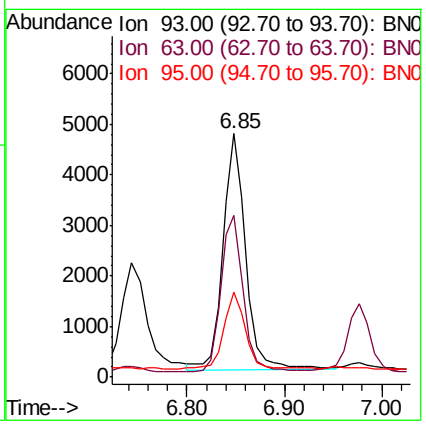


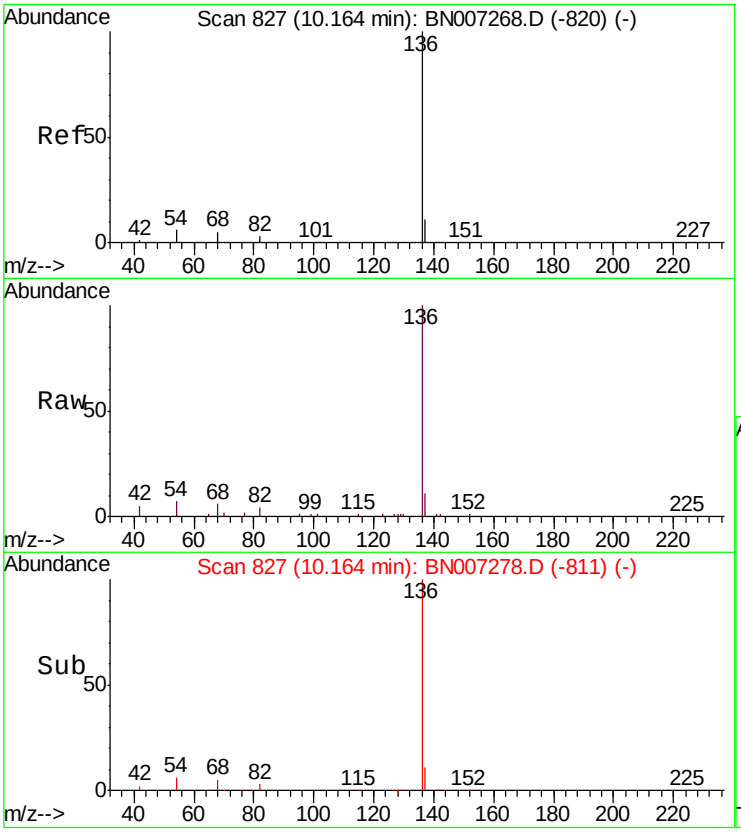


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion: 93 Resp: 7614

Ion	Ratio	Lower	Upper
93	100		
63	64.8	54.4	81.6
95	32.1	25.5	38.3



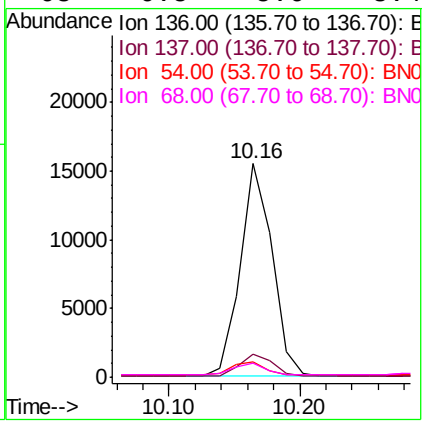


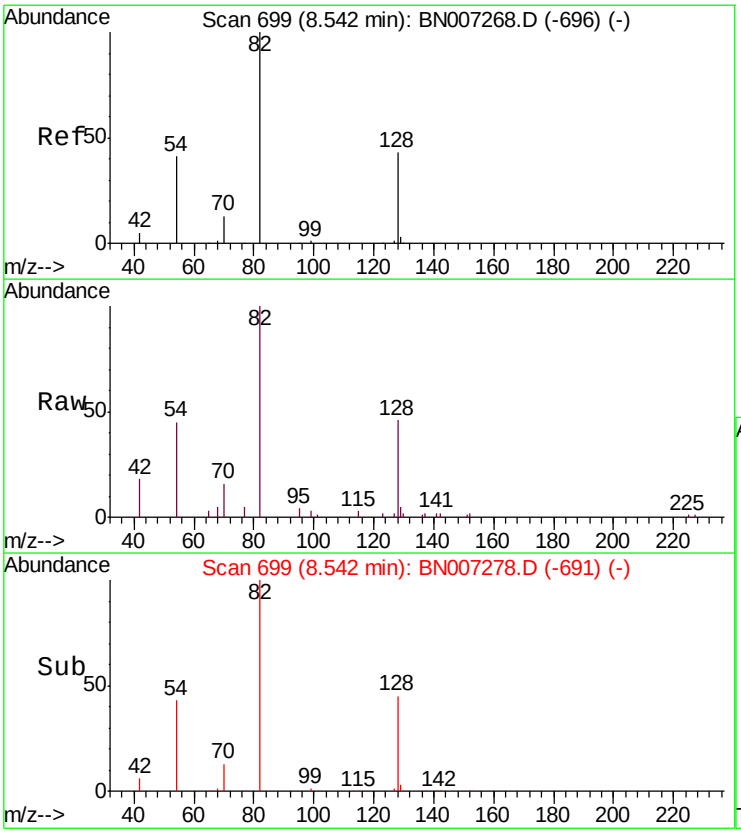
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:136 Resp: 26184

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	5.9	8.9
68	6.5	5.6	8.4

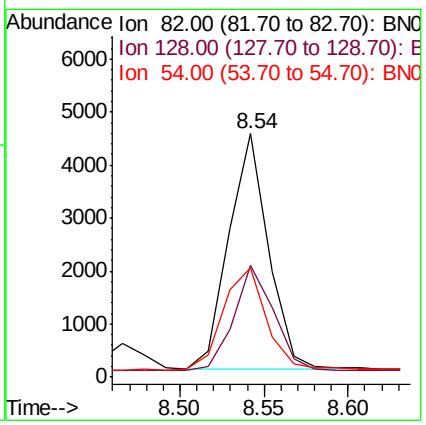


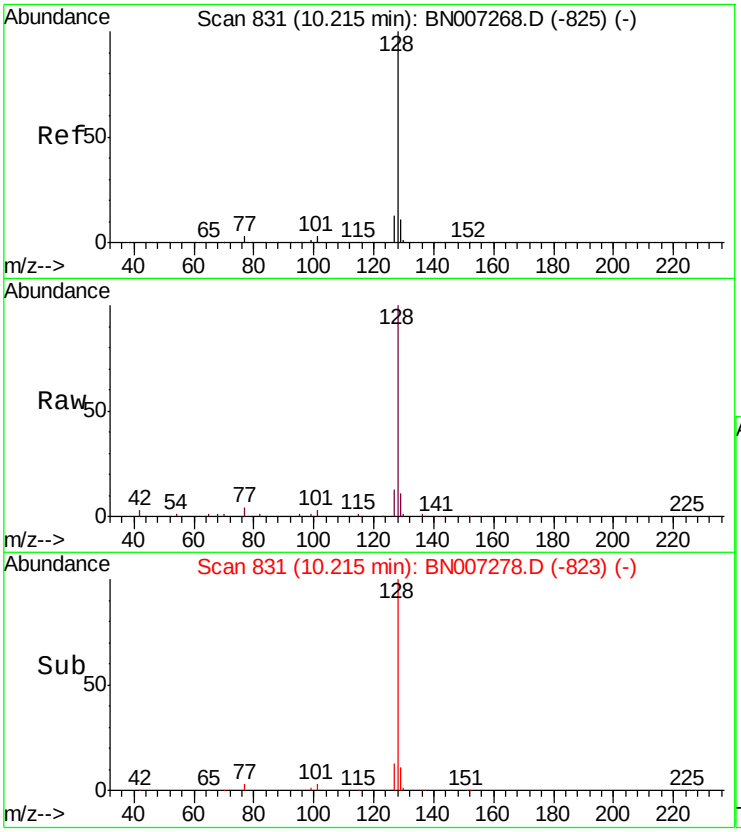


#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.54 min Scan# 699
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion: 82 Resp: 7294

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.8	53.6
54	44.6	34.7	52.1



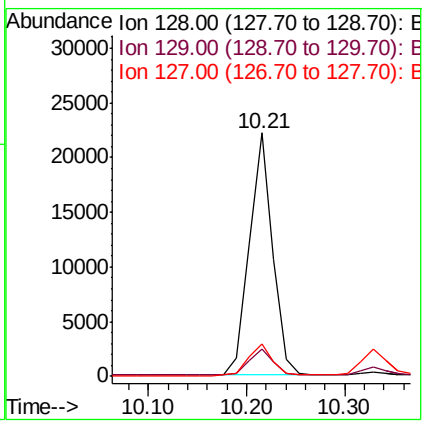


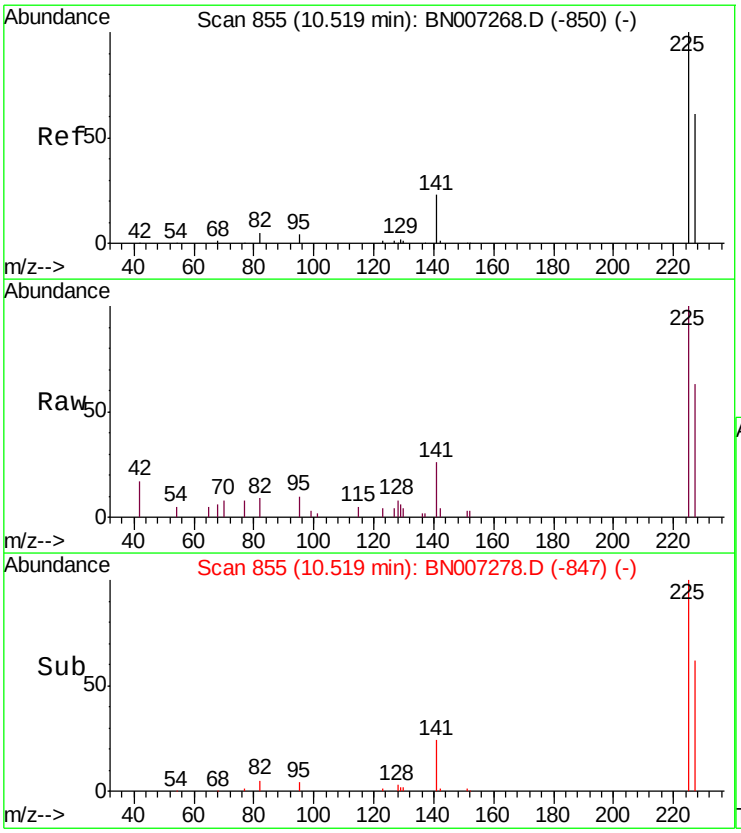
#9
Naphthalene
Concen: 0.492 ng
RT: 10.21 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:128 Resp: 36537

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.6	16.0

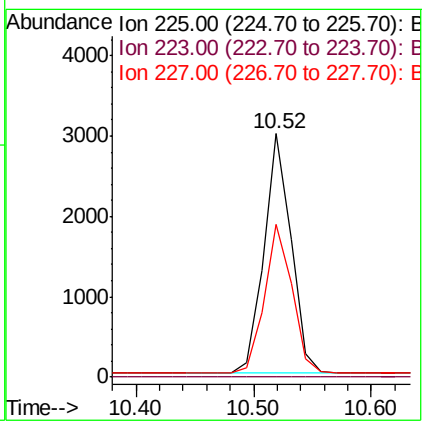


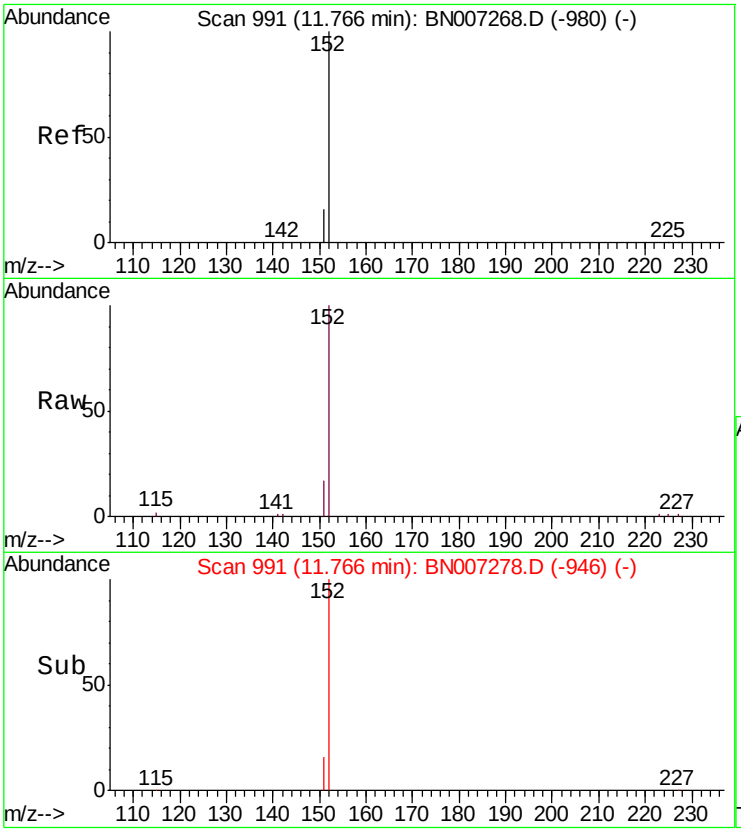


#10
Hexachlorobutadiene
Concen: 0.293 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:225 Resp: 4797

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.2	75.2



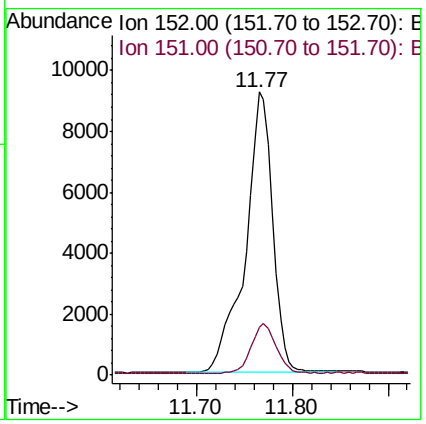


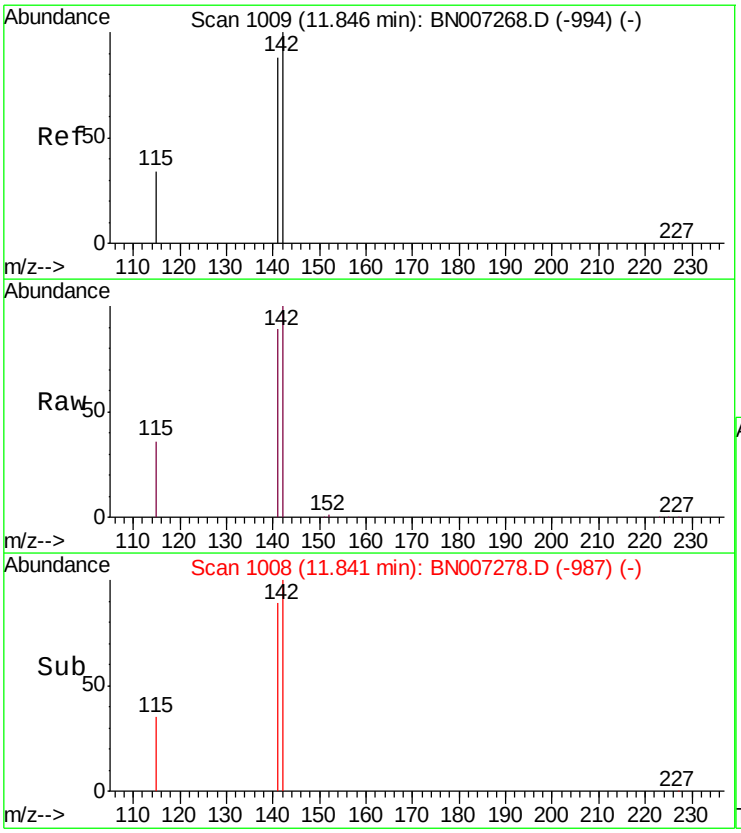
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:152 Resp: 18299

Ion	Ratio	Lower	Upper
152	100		
151	15.9	15.2	22.8

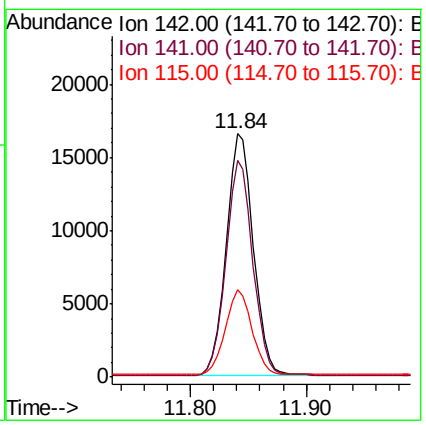


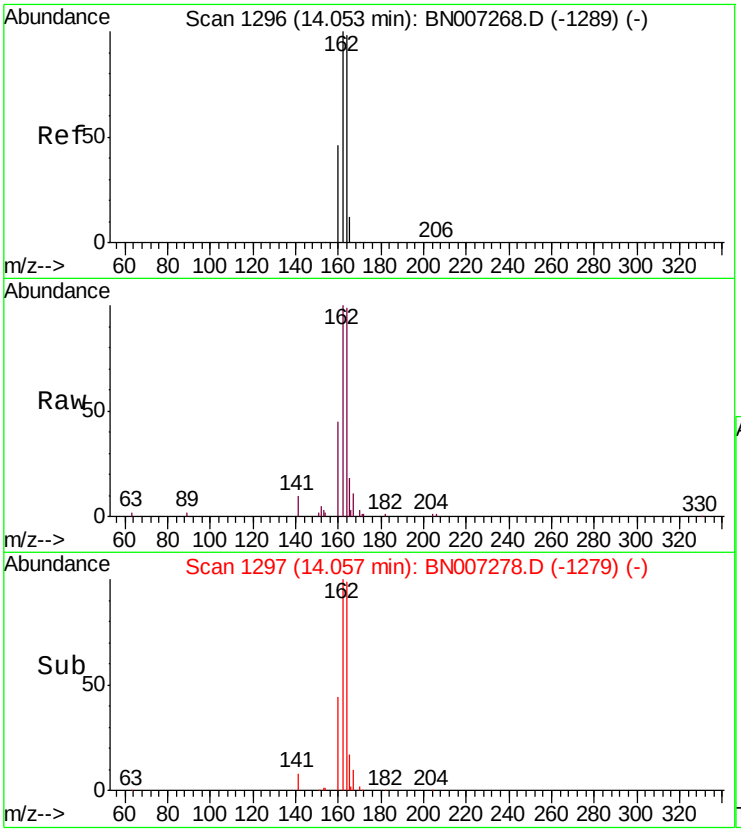


#12
2-Methylnaphthalene
Concen: 0.517 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:142 Resp: 26549

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.7	106.1
115	35.7	28.1	42.1



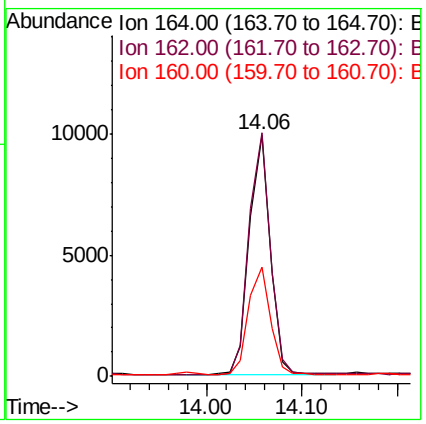


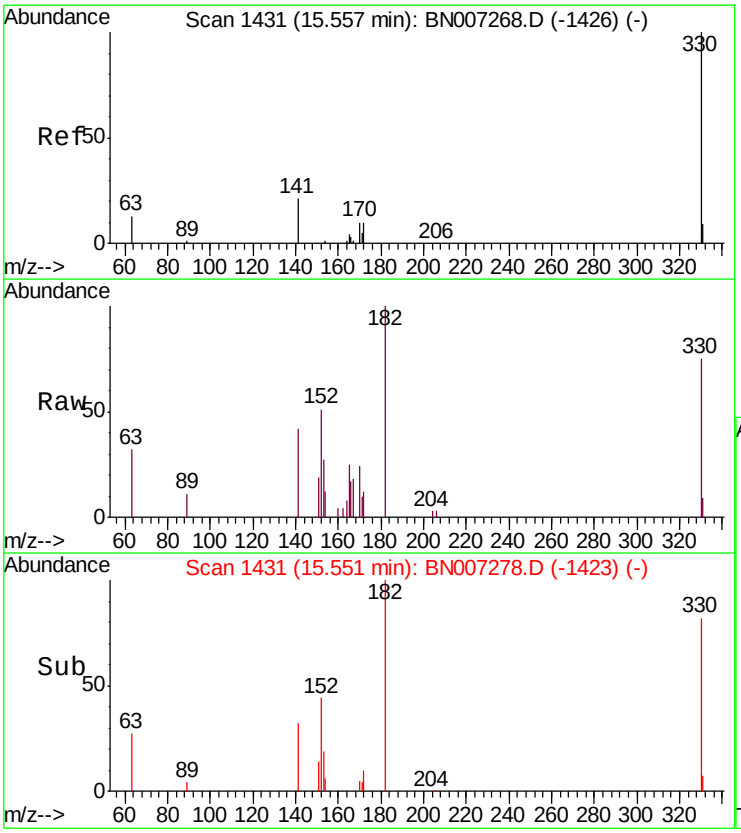
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:164 Resp: 15025

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.0	123.0
160	45.3	38.2	57.4

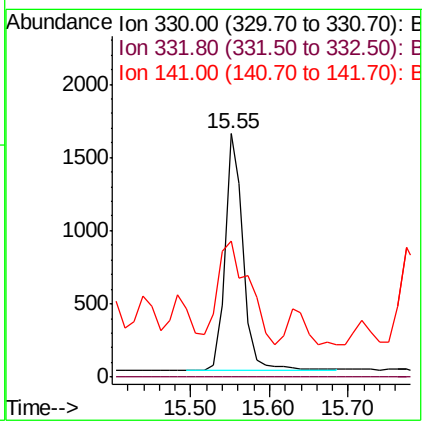


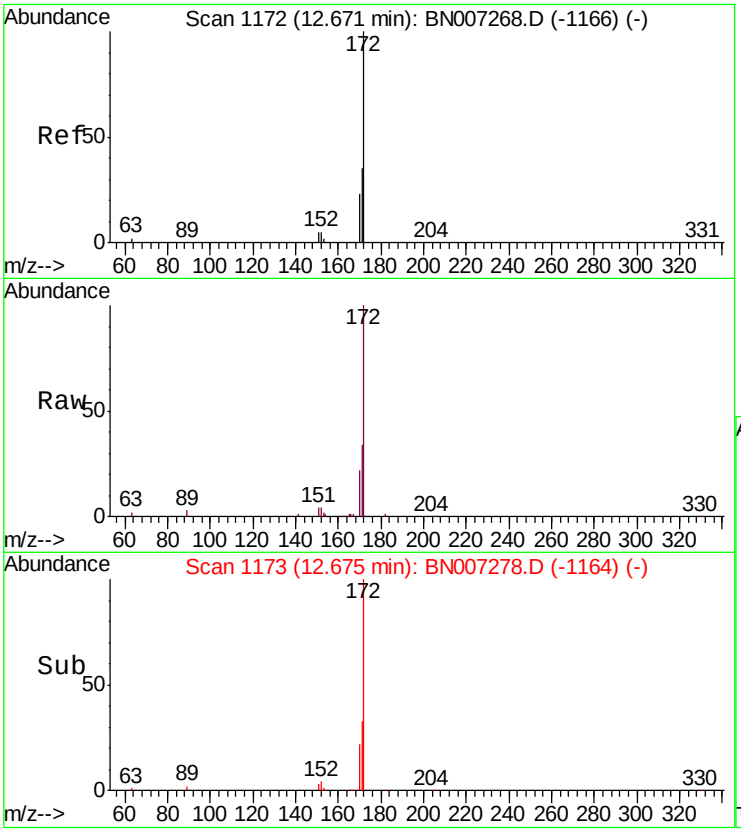


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:330 Resp: 2612

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	74.5	30.3	45.5#



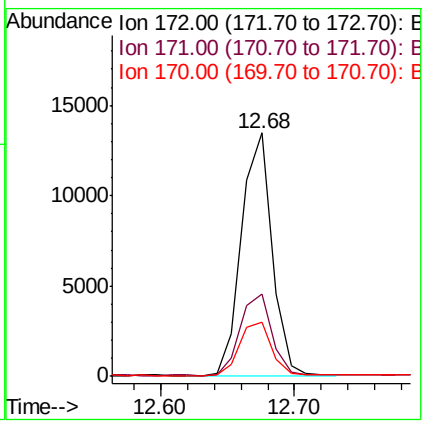


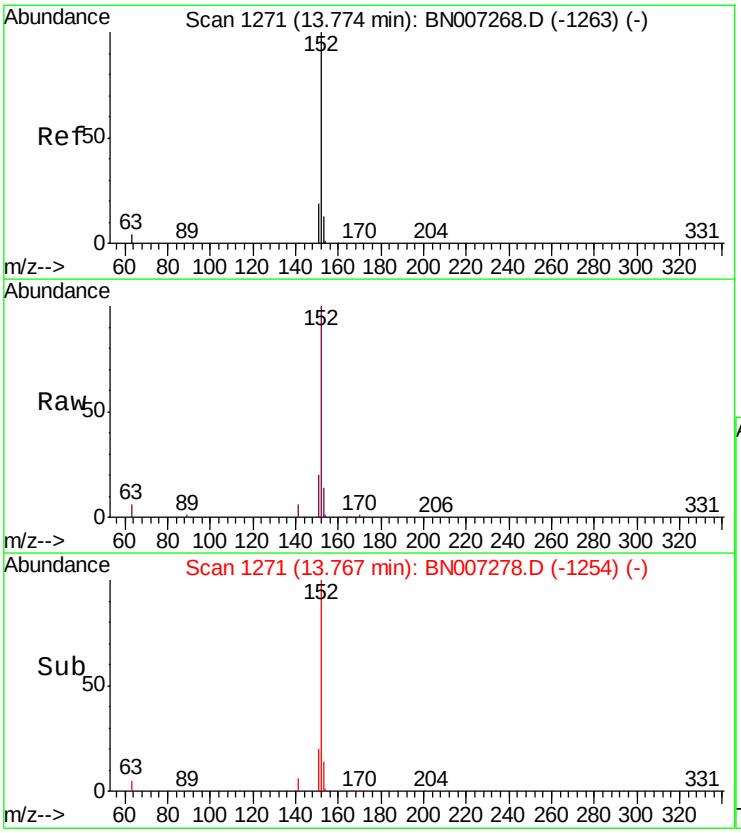
#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:172 Resp: 21363

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.6	43.0
170	22.4	18.7	28.1

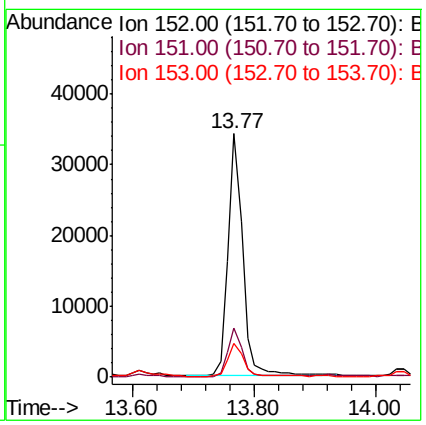


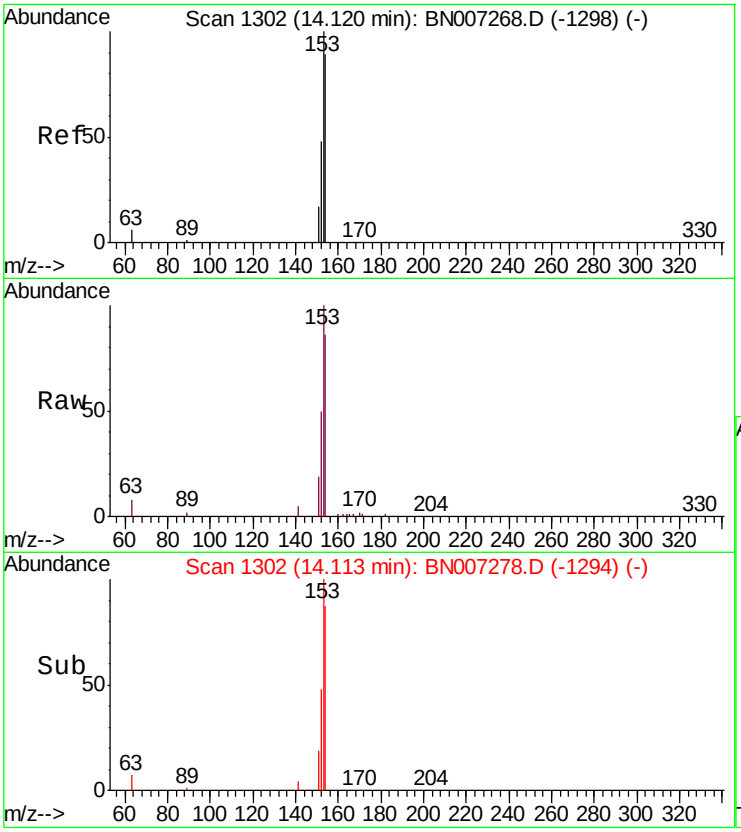


#16
Acenaphthylene
Concen: 0.722 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:152 Resp: 57562

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	14.1	10.1	15.1



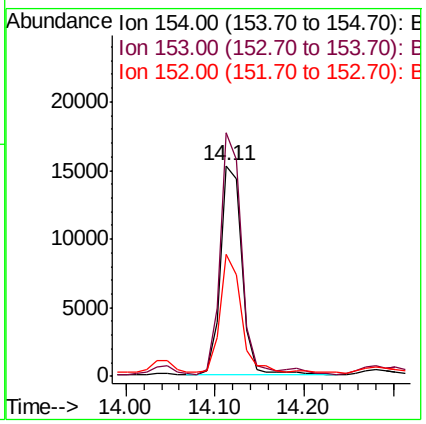


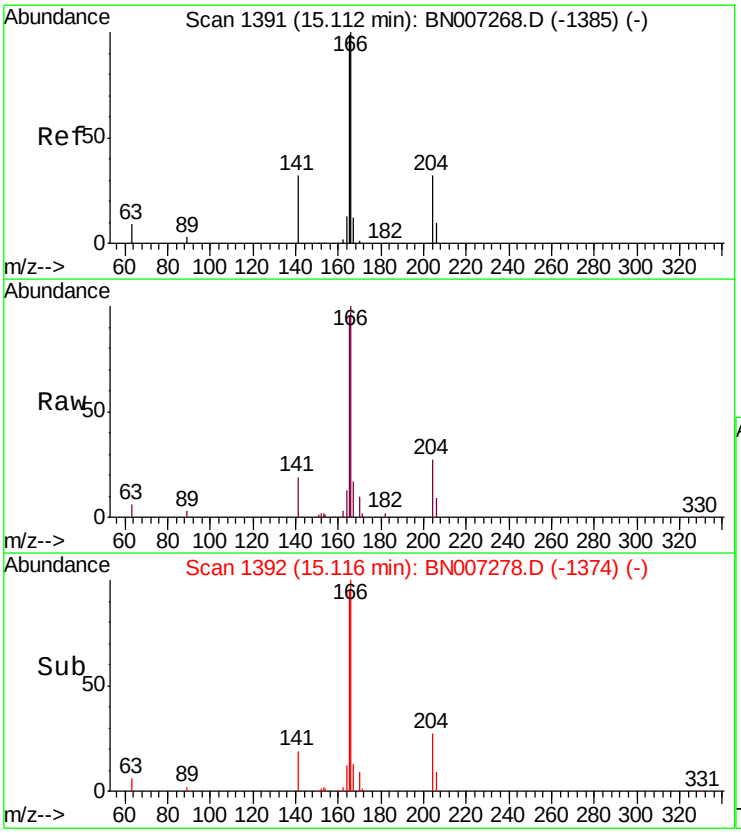
#17
Acenaphthene
Concen: 0.503 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:154 Resp: 25537

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.9	134.9
152	55.1	43.9	65.9

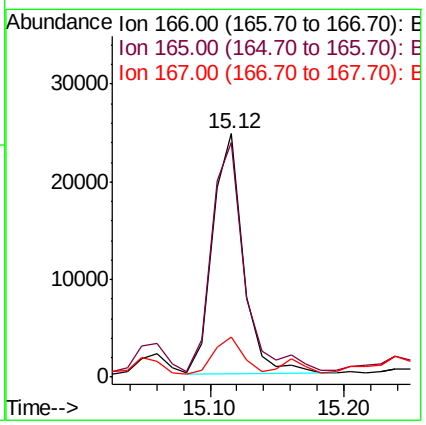


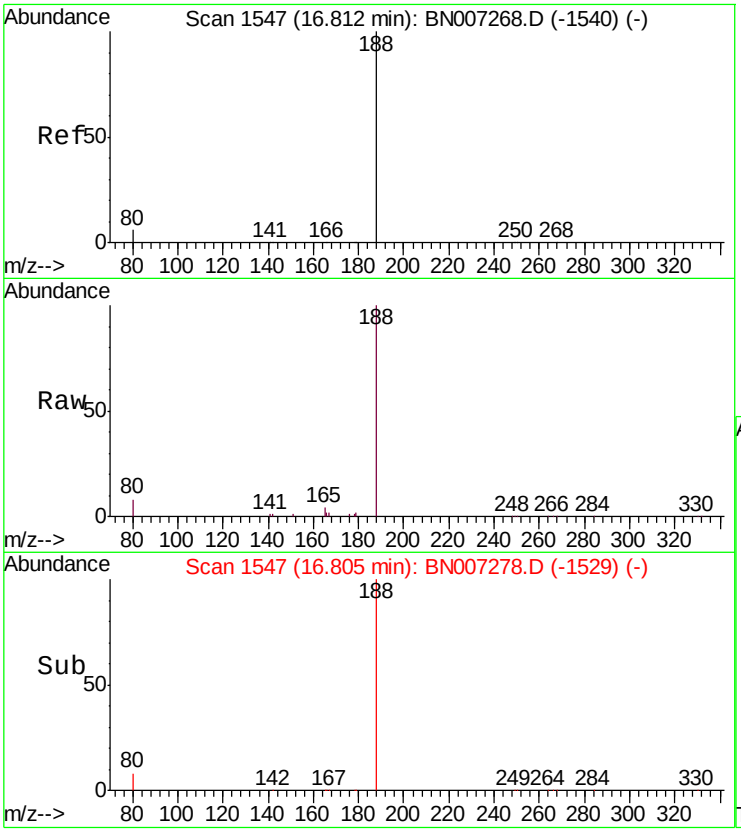


#18
Fluorene
Concen: 0.587 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:166 Resp: 38960

Ion	Ratio	Lower	Upper
166	100		
165	101.7	78.3	117.5
167	15.4	11.1	16.7



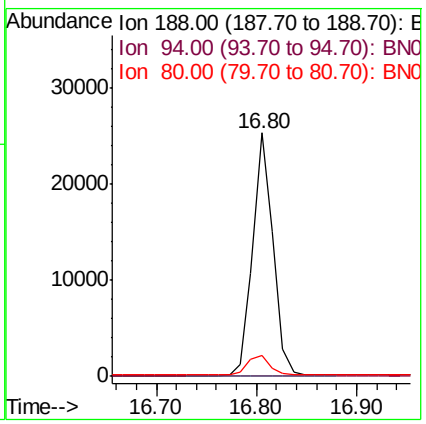


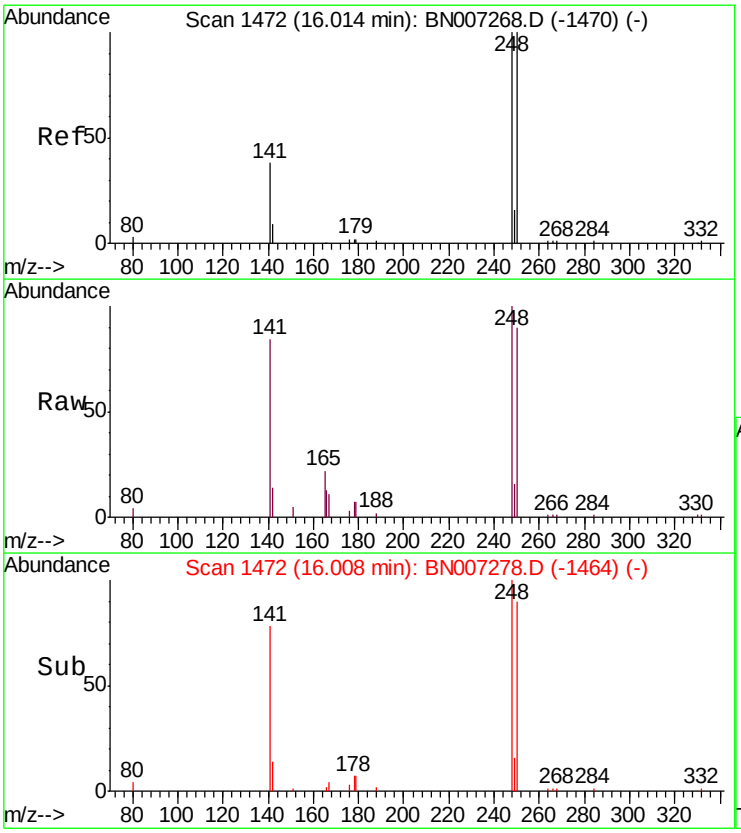
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:188 Resp: 35367

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	5.2	7.8#

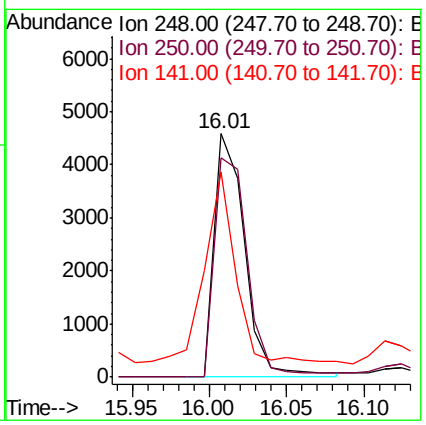


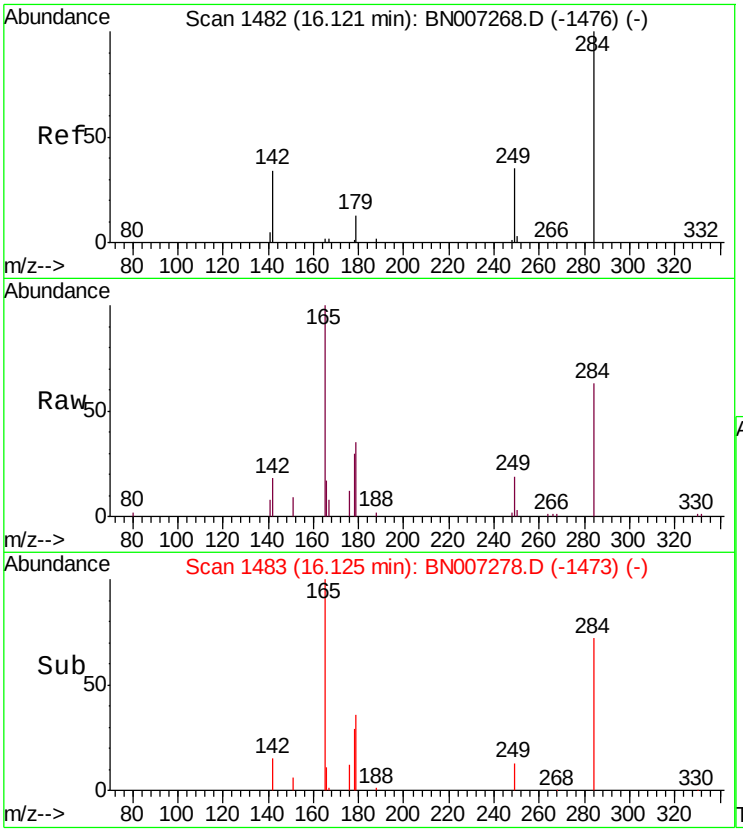


#20
4-Bromophenyl-phenylether
Concen: 0.311 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:248 Resp: 6307

Ion	Ratio	Lower	Upper
248	100		
250	90.2	79.6	119.4
141	84.1	45.1	67.7#



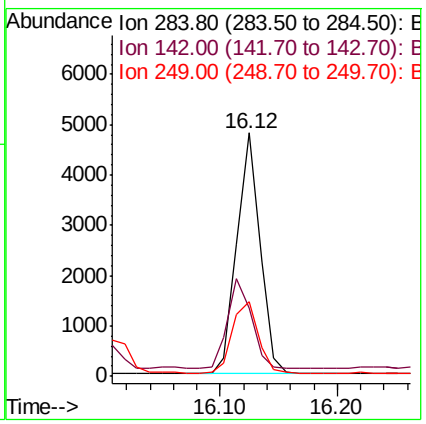


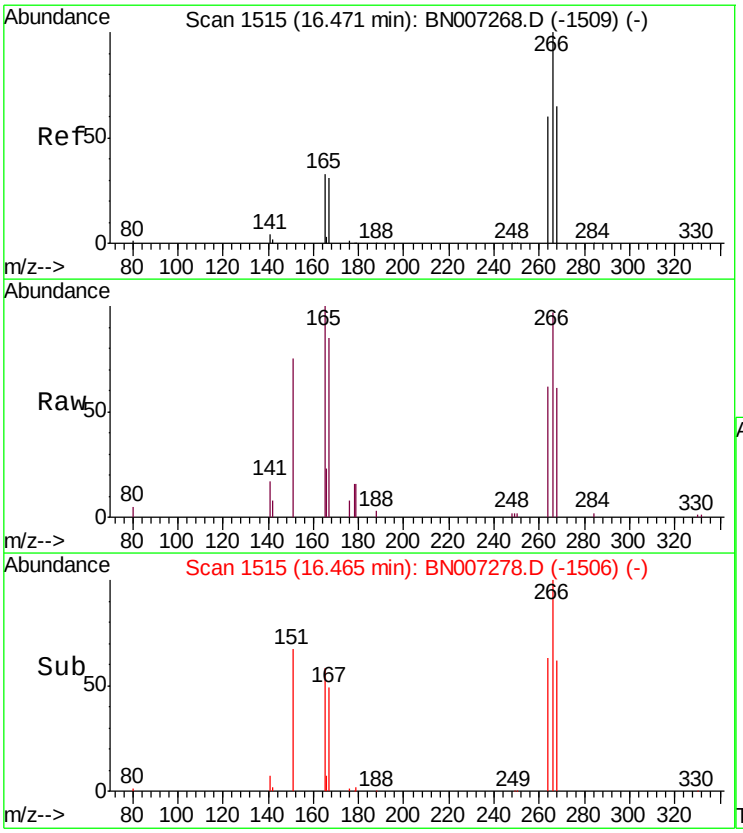
#21
Hexachlorobenzene
Concen: 0.280 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:284 Resp: 6560

Ion	Ratio	Lower	Upper
284	100		
142	39.0	29.5	44.3
249	32.8	26.2	39.4

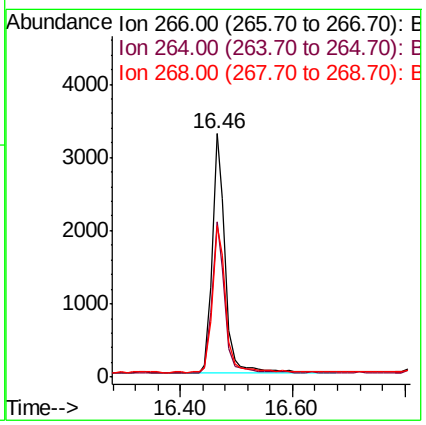


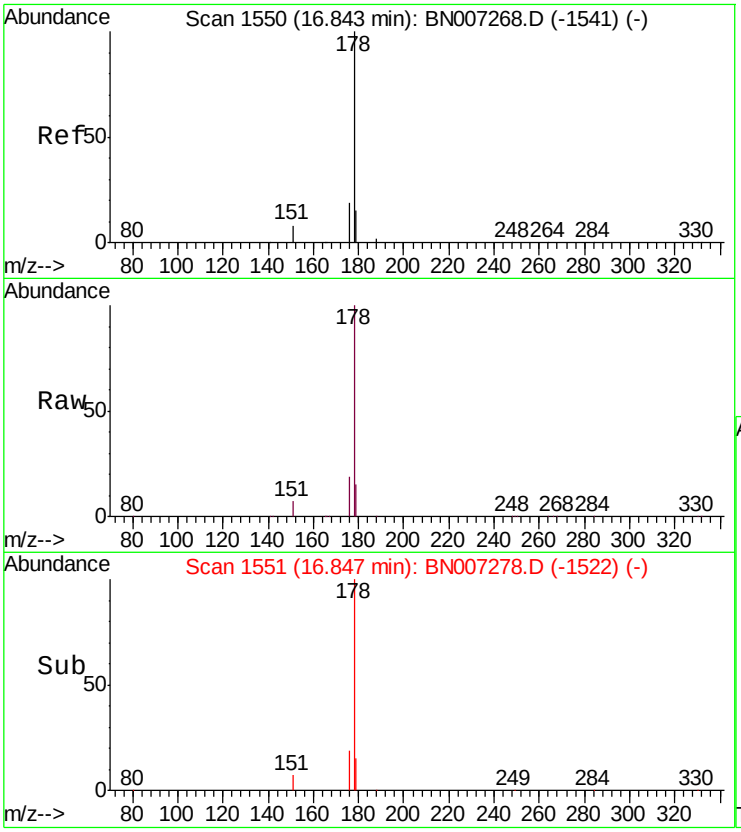


#22
Pentachlorophenol
Concen: 0.555 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:266 Resp: 5224

Ion	Ratio	Lower	Upper
266	100		
264	63.5	48.7	73.1
268	62.4	53.5	80.3



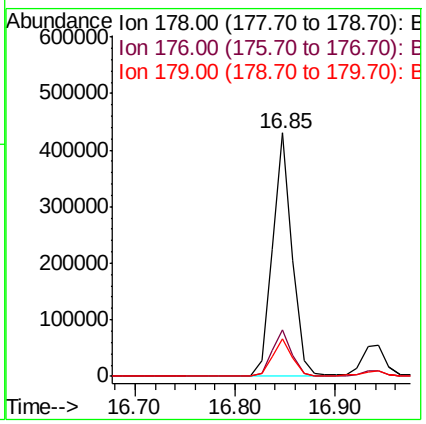


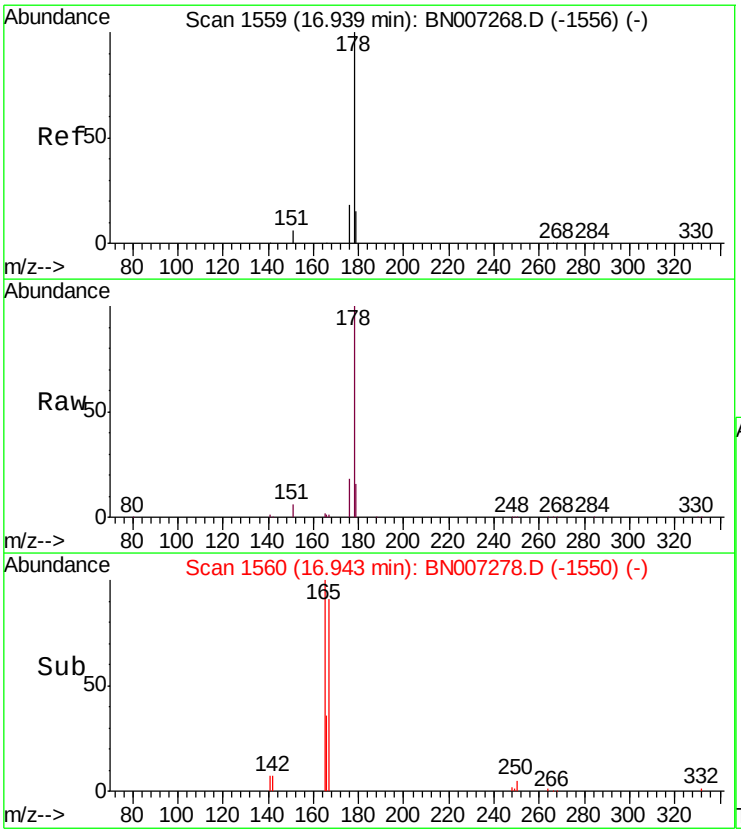
#23
Phenanthrene
Concen: 5.327 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:178 Resp: 590507

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.3	18.5

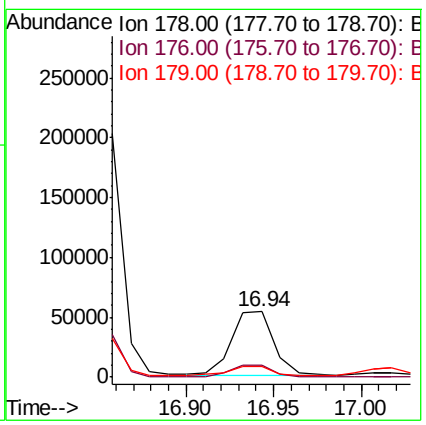


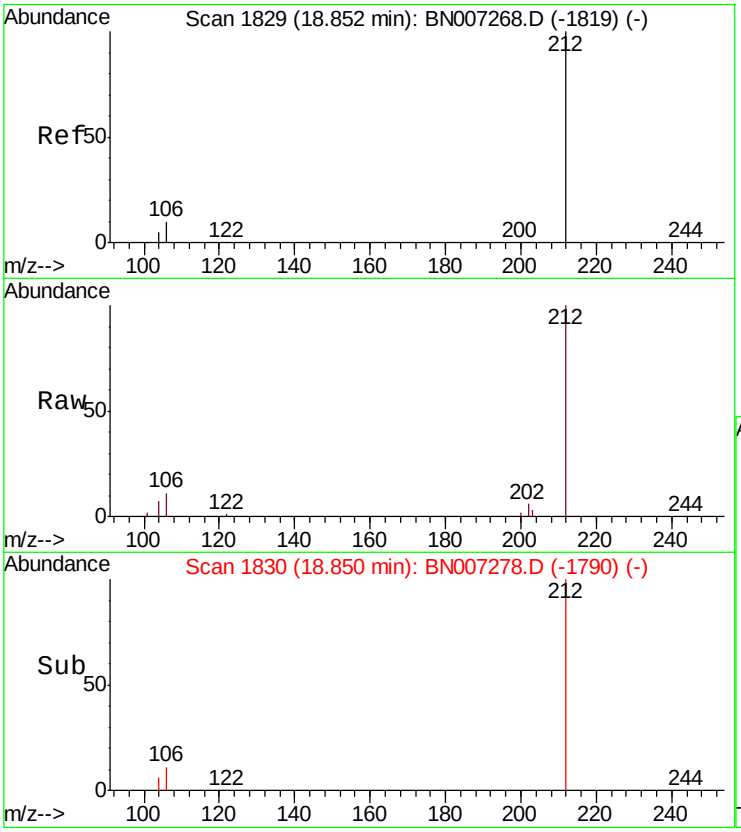


#24
Anthracene
Concen: 0.869 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:178 Resp: 86767

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	16.7	12.3	18.5



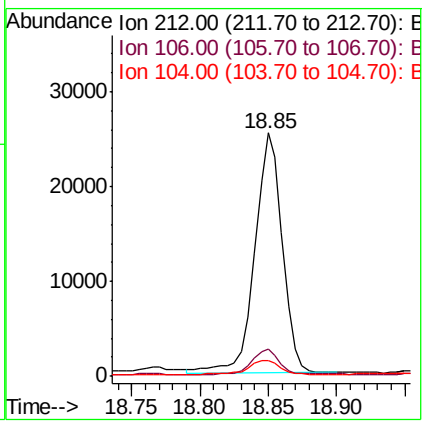


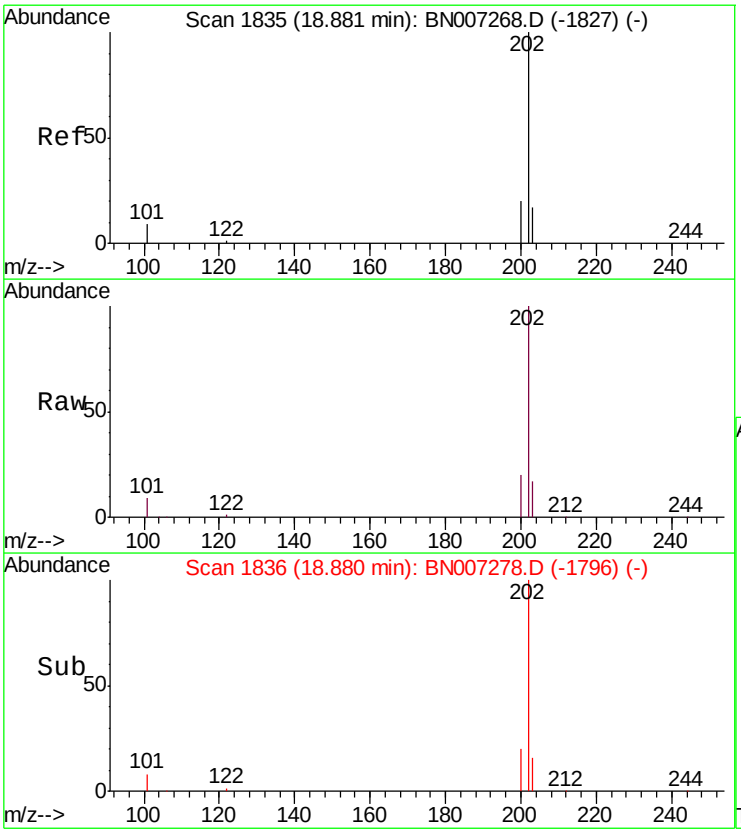
#25
Fluoranthene-d10
Concen: 0.314 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:212 Resp: 35203

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.4
104	6.7	4.7	7.1

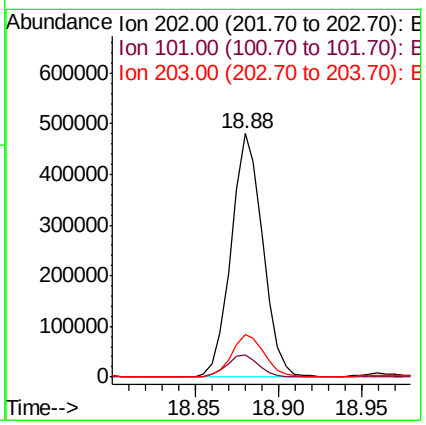


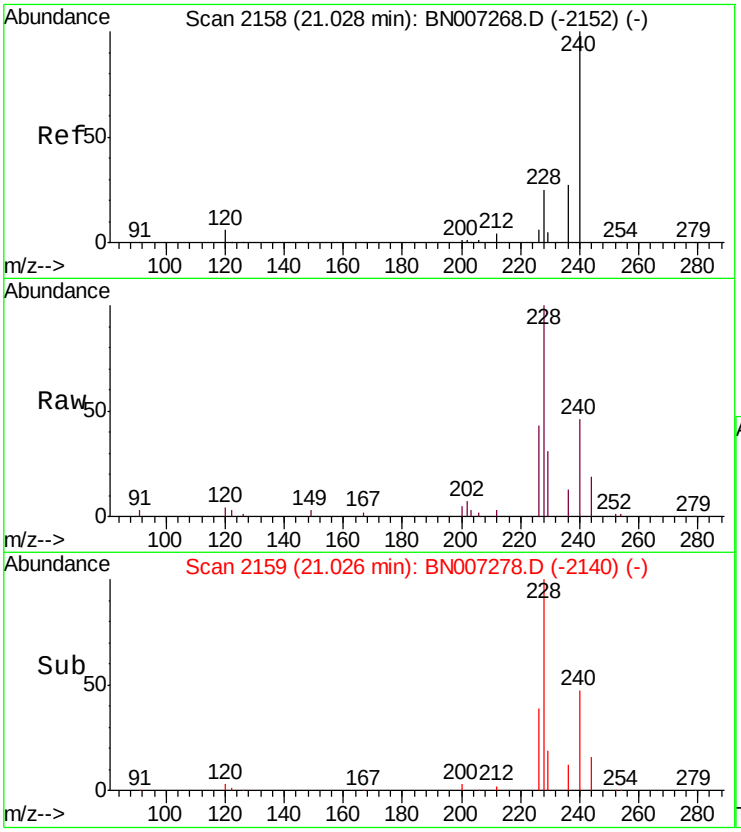


#26
Fluoranthene
Concen: 4.676 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:202 Resp: 627866

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



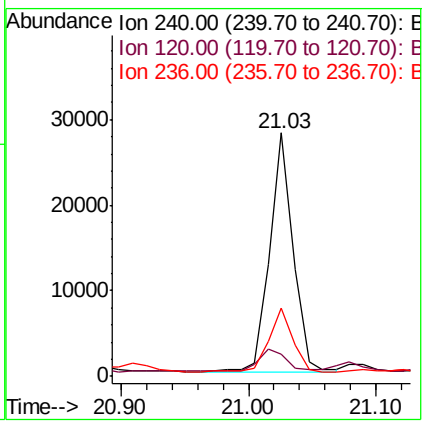


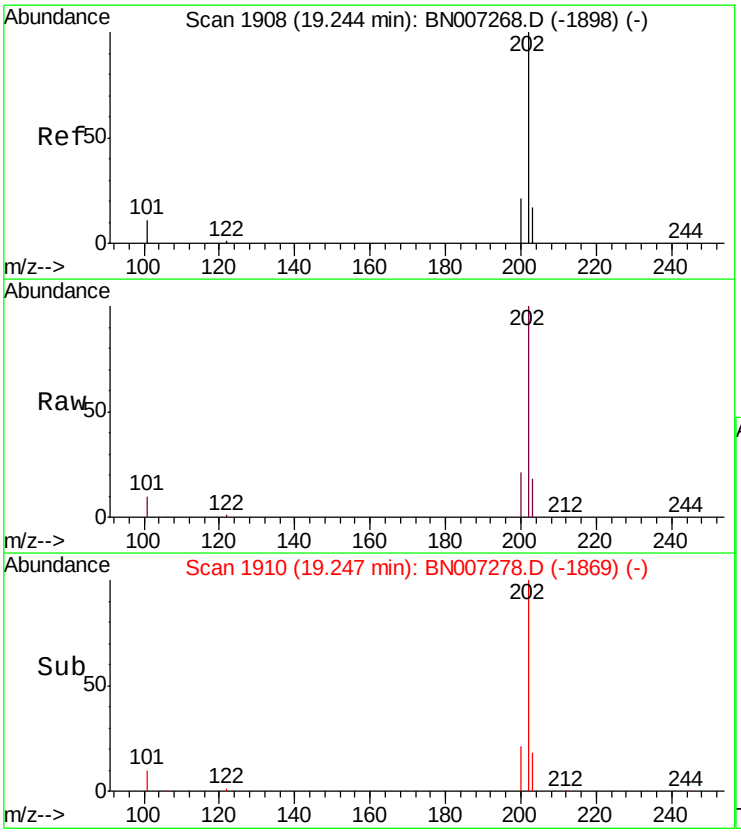
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:240 Resp: 35805

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.6	8.4#
236	28.1	21.6	32.4

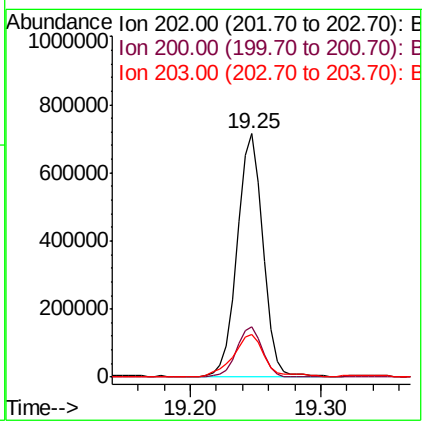


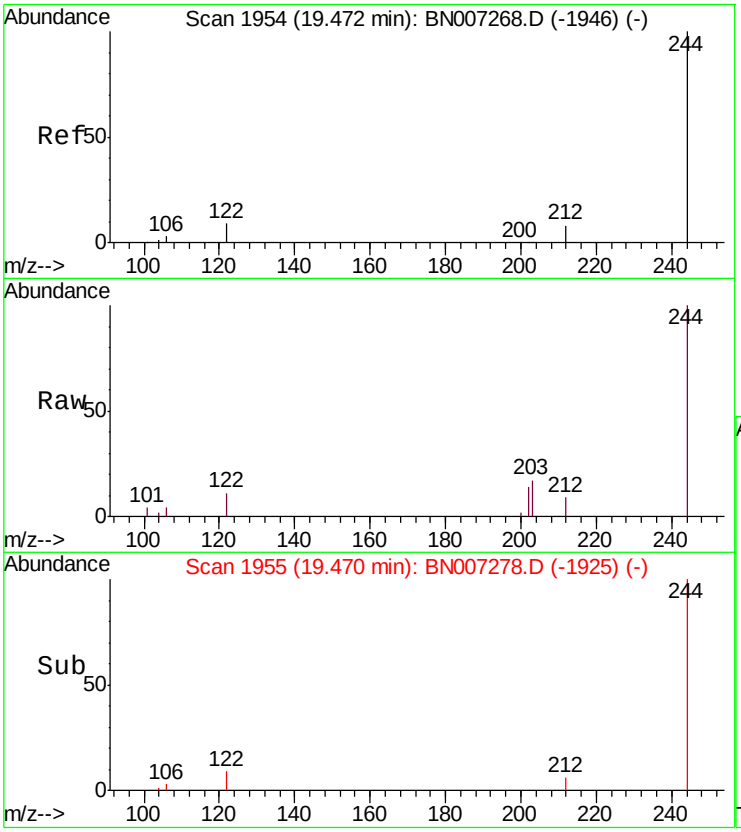


#28
Pyrene
Concen: 7.404 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:202 Resp: 991322

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	21.1	13.9	20.9#



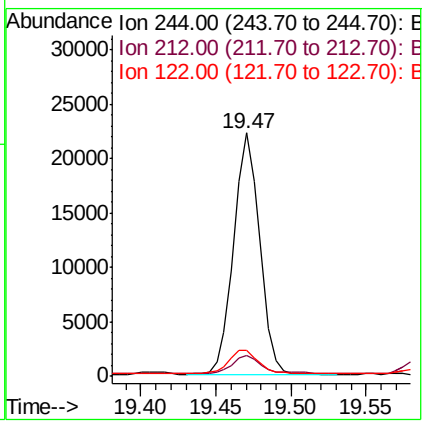


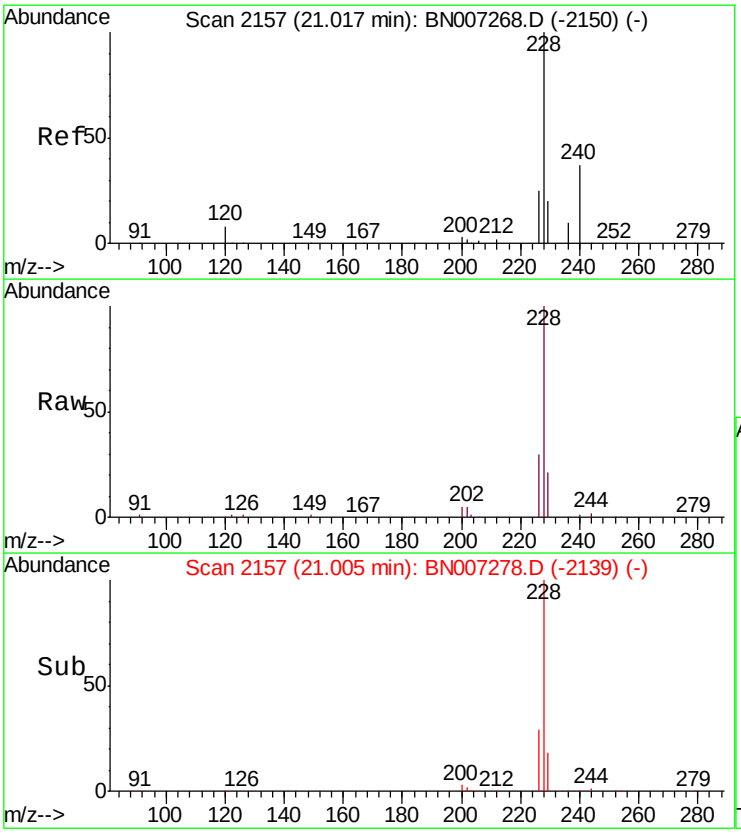
#29
Terphenyl-d14
Concen: 0.296 ng
RT: 19.47 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:244 Resp: 26549

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	10.9	7.9	11.9

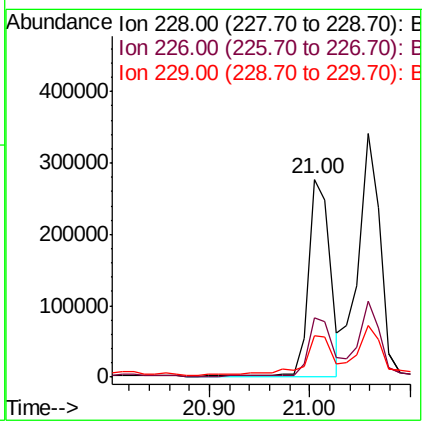


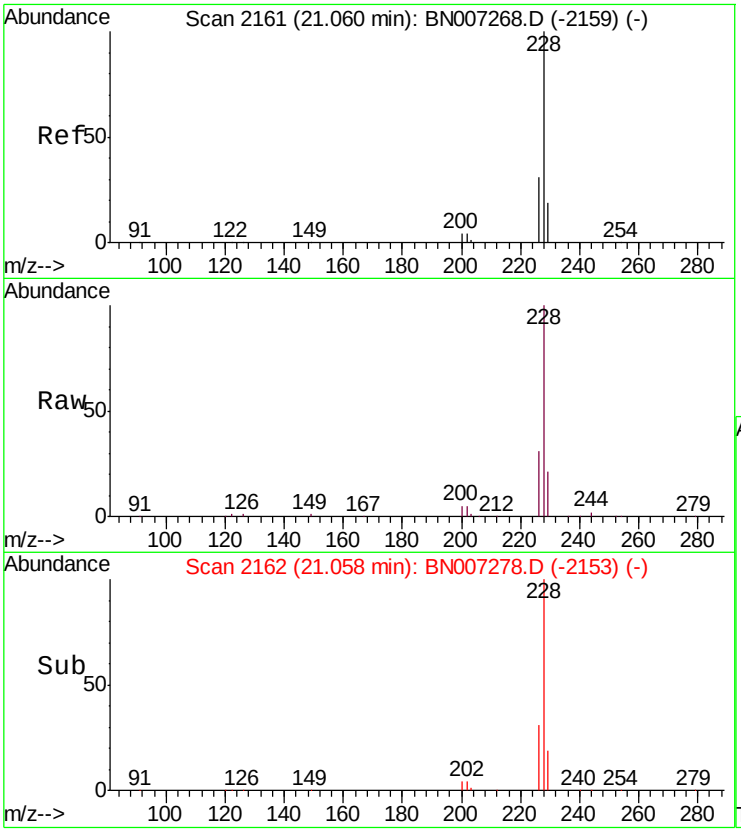


#30
Benzo(a)anthracene
Concen: 3.122 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:228 Resp: 415658

Ion	Ratio	Lower	Upper
228	100		
226	29.9	20.6	30.8
229	21.0	16.9	25.3



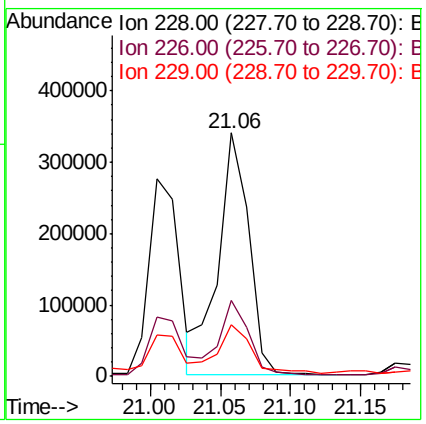


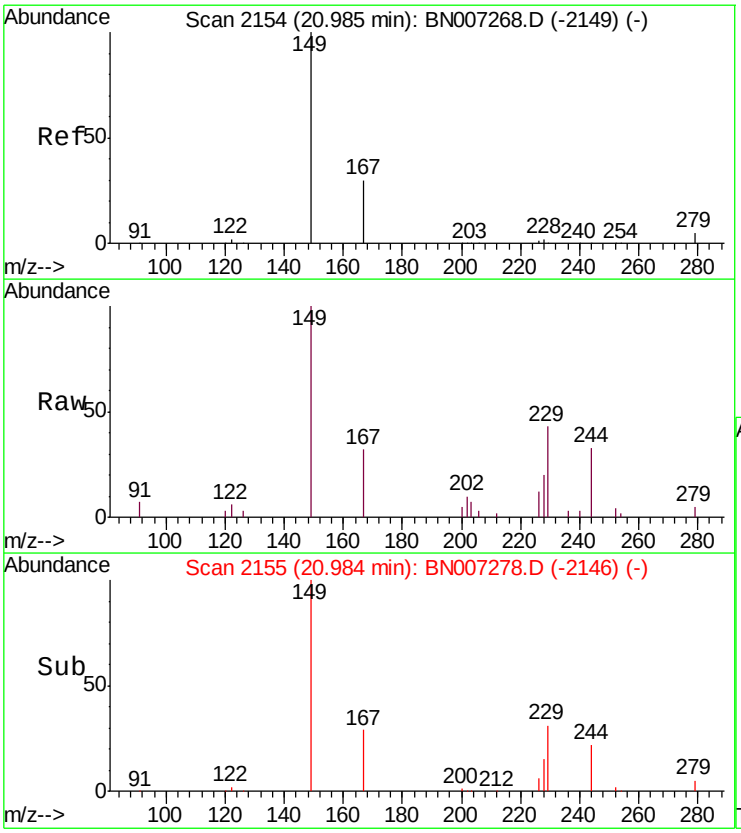
#31
Chrysene
Concen: 3.780 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:228 Resp: 513590

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	36.8
229	21.1	15.6	23.4

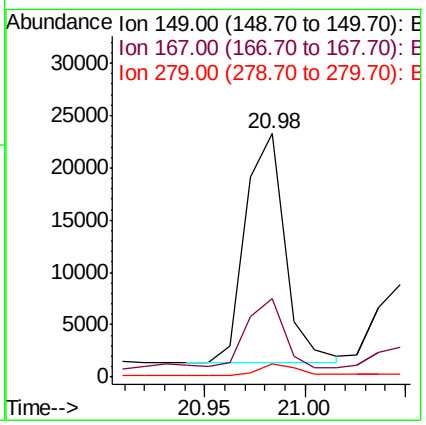


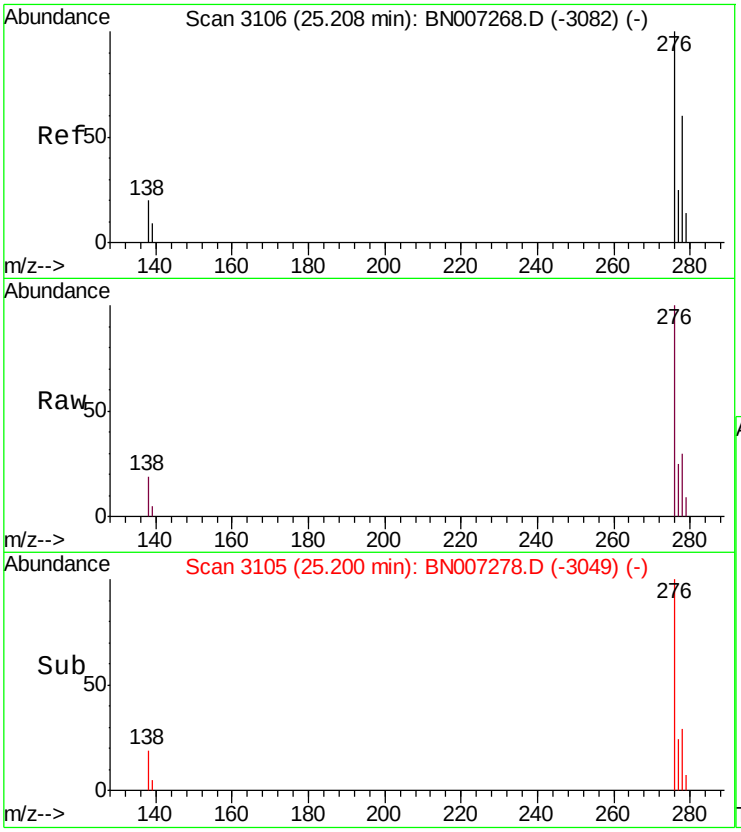


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.562 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:149 Resp: 29916

Ion	Ratio	Lower	Upper
149	100		
167	31.9	23.8	35.6
279	4.5	3.8	5.8



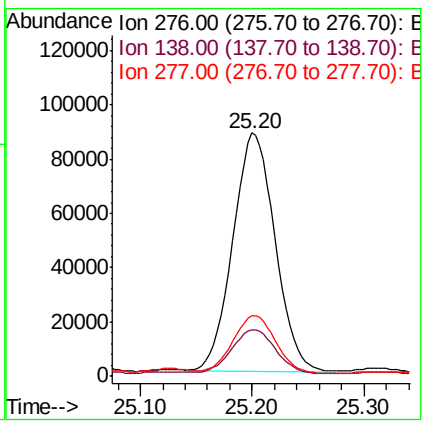


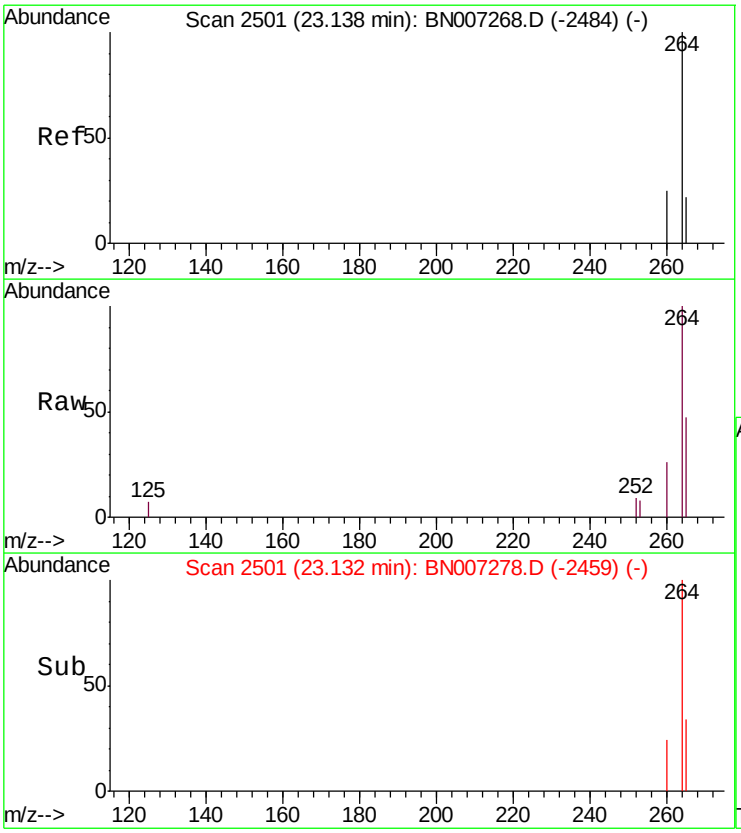
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.408 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:276 Resp: 230123

Ion	Ratio	Lower	Upper
276	100		
138	19.4	17.1	25.7
277	25.0	20.1	30.1

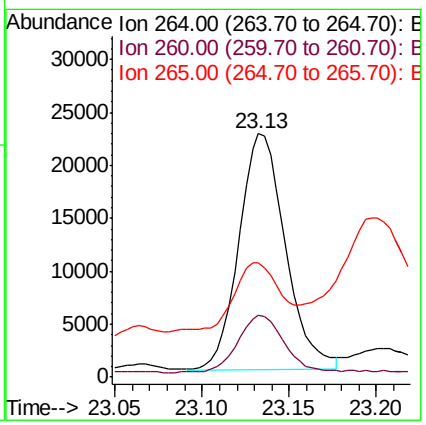


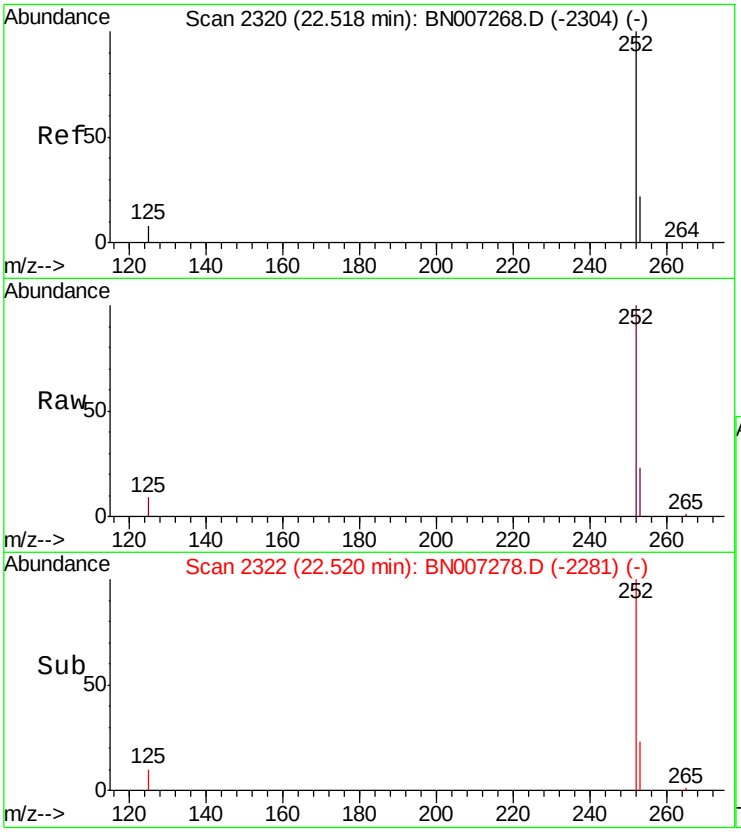


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:264 Resp: 41149

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	46.7	29.0	43.6#



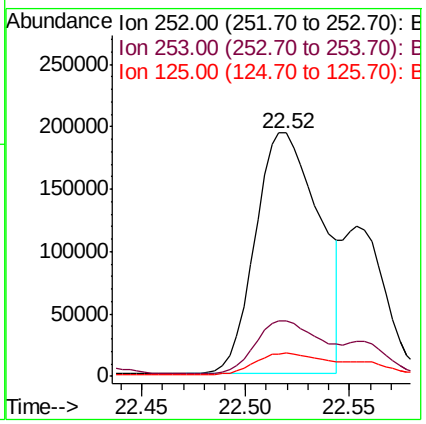


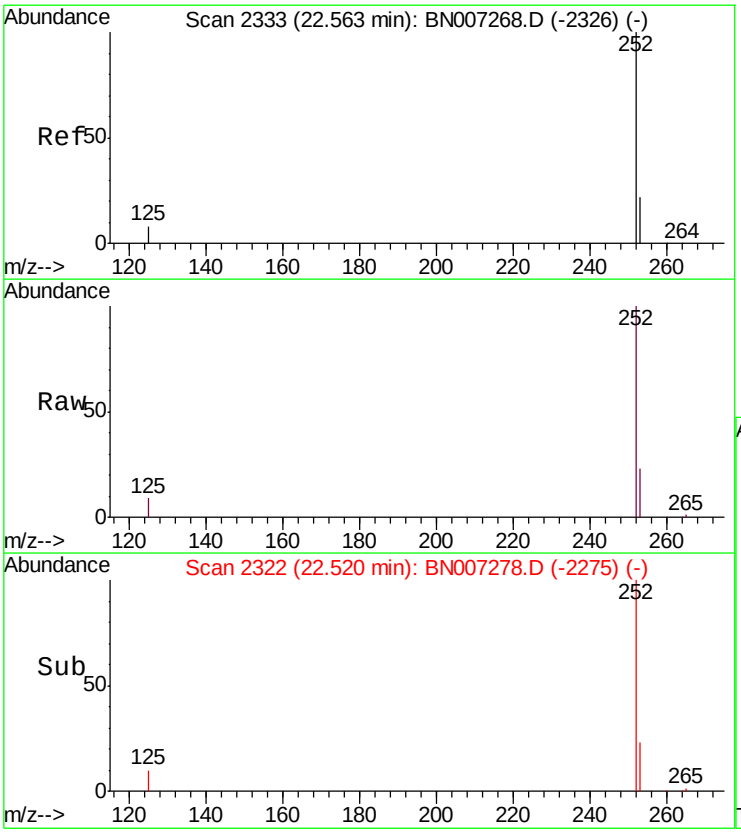
#35
Benzo(b)fluoranthene
Concen: 2.709 ng
RT: 22.52 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:252 Resp: 415520

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	9.4	7.8	11.6

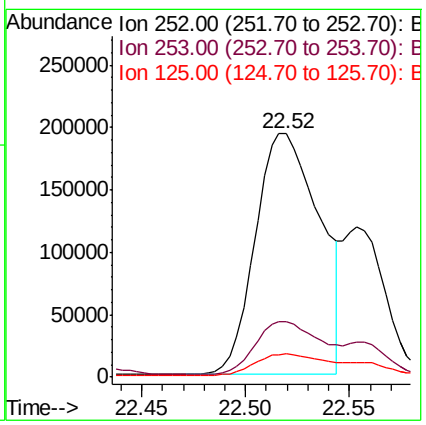


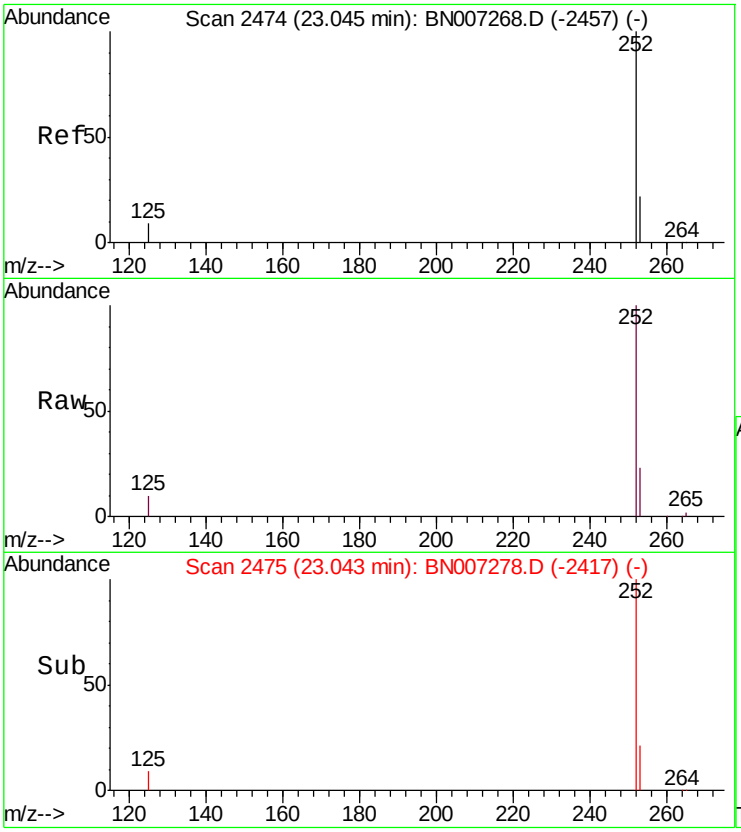


#36
Benzo(k)fluoranthene
Concen: 2.765 ng
RT: 22.52 min Scan# 2322
Delta R.T. -0.04 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:252 Resp: 415520

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	9.4	8.0	12.0



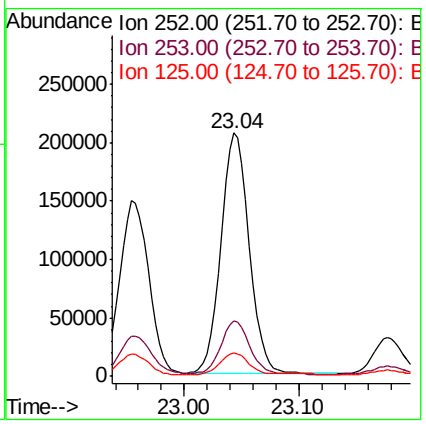


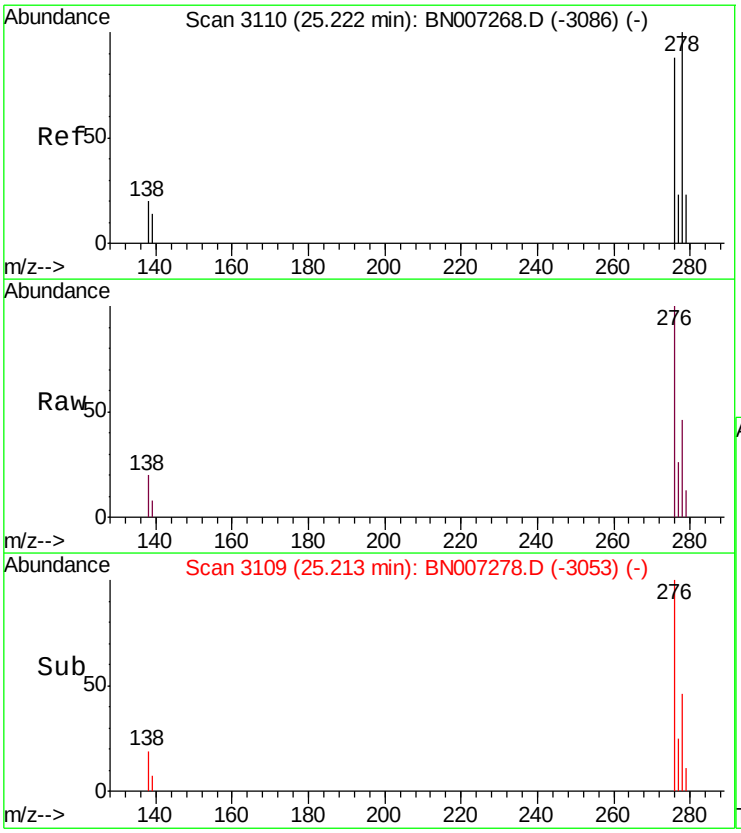
#37
Benzo(a)pyrene
Concen: 2.586 ng
RT: 23.04 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:252 Resp: 357509

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	9.6	8.7	13.1

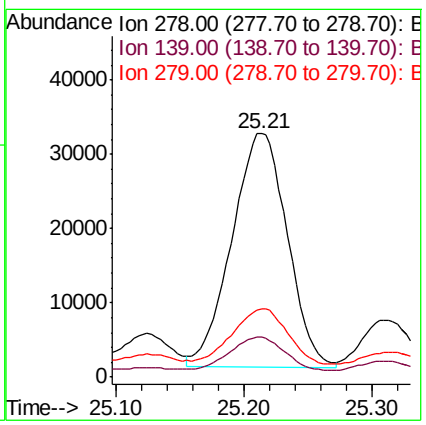


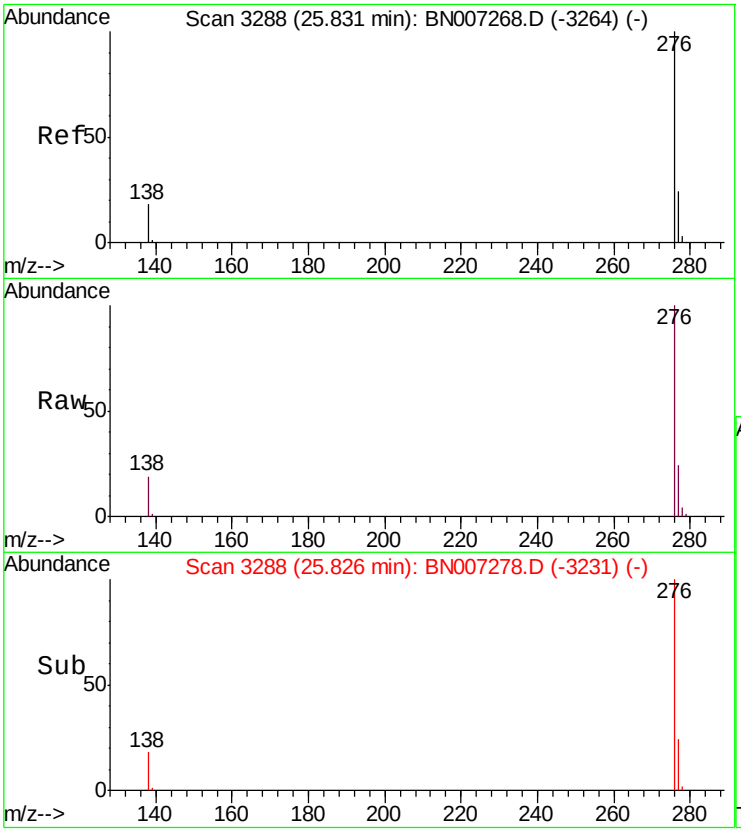


#38
Dibenzo(a,h)anthracene
Concen: 0.650 ng
RT: 25.21 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

Tgt Ion:278 Resp: 94361

Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.8	17.8
279	28.0	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 1.782 ng
RT: 25.83 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BN007278.D
Acq: 21 Aug 2019 04:15

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

Tgt Ion:276 Resp: 261645

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	19.1	15.3	22.9