Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004939.D
Acq On : 24 Mar 2019 15:15
Operator : JU/SJ
Sample : K2015-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-025-SW034-031919

Quant Time: Mar 25 02:56:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3099	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	12573	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	7003	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	15431	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	15760	0.40	ng		-0.01
34) Perylene-d12	23.52	264	15540	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3027	0.36	ng		0.00
5) Phenol-d6	6.86	99	3780	0.36	ng		-0.02
8) Nitrobenzene-d5	8.84	82	3057	0.37	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	6761	0.31	ng		-0.02
14) 2,4,6-Tribromophenol	15.83	330	1614	0.33	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	9067	0.31	ng		-0.02
25) Fluoranthene-d10	19.11	212	13627	0.26	ng		-0.02
29) Terphenyl-d14	19.71	244	9275	0.29	ng		-0.01
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.10	93	1931	0.204	ng	#	30
9) Naphthalene	10.52	128	1409	0.040	ng	#	84
12) 2-Methylnaphthalene	12.14	142	884	0.034	ng	#	90
16) Acenaphthylene	14.04	152	5958	0.165	ng		99
17) Acenaphthene	14.39	154	896	0.038	ng	#	77
18) Fluorene	15.38	166	1785	0.054	ng	#	85
21) Hexachlorobenzene	16.38	284	506	0.044	ng	#	83
22) Pentachlorophenol	16.74	266	217	0.096	ng		90
23) Phenanthrene	17.12	178	40827	0.819	ng		99
24) Anthracene	17.21	178	6812	0.153	ng	#	95
26) Fluoranthene	19.15	202	79364	1.239	ng		98
28) Pyrene	19.51	202	75666	1.575	ng		96
30) Benzo(a)anthracene	21.26	228	35812	0.693	ng		95
31) Chrysene	21.31	228	43121	0.792	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	106398	5.152	ng		99
33) Indeno(1,2,3-cd)pyrene	25.78	276	28693	0.364	ng		99
35) Benzo(b)fluoranthene	22.85	252	55305	0.984	ng	#	78
36) Benzo(k)fluoranthene	22.85	252	55305	1.000	ng	#	79
37) Benzo(a)pyrene	23.42	252	35697	0.692	ng	#	90
38) Dibenzo(a,h)anthracene	25.79	278	8300	0.139	ng	#	51
39) Benzo(g,h,i)perylene	26.48	276	29137	0.479	ng	#	91

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

Quantitation Report (Not Reviewed)

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QLast Update : Wed Mar 20 16:06:20 2019
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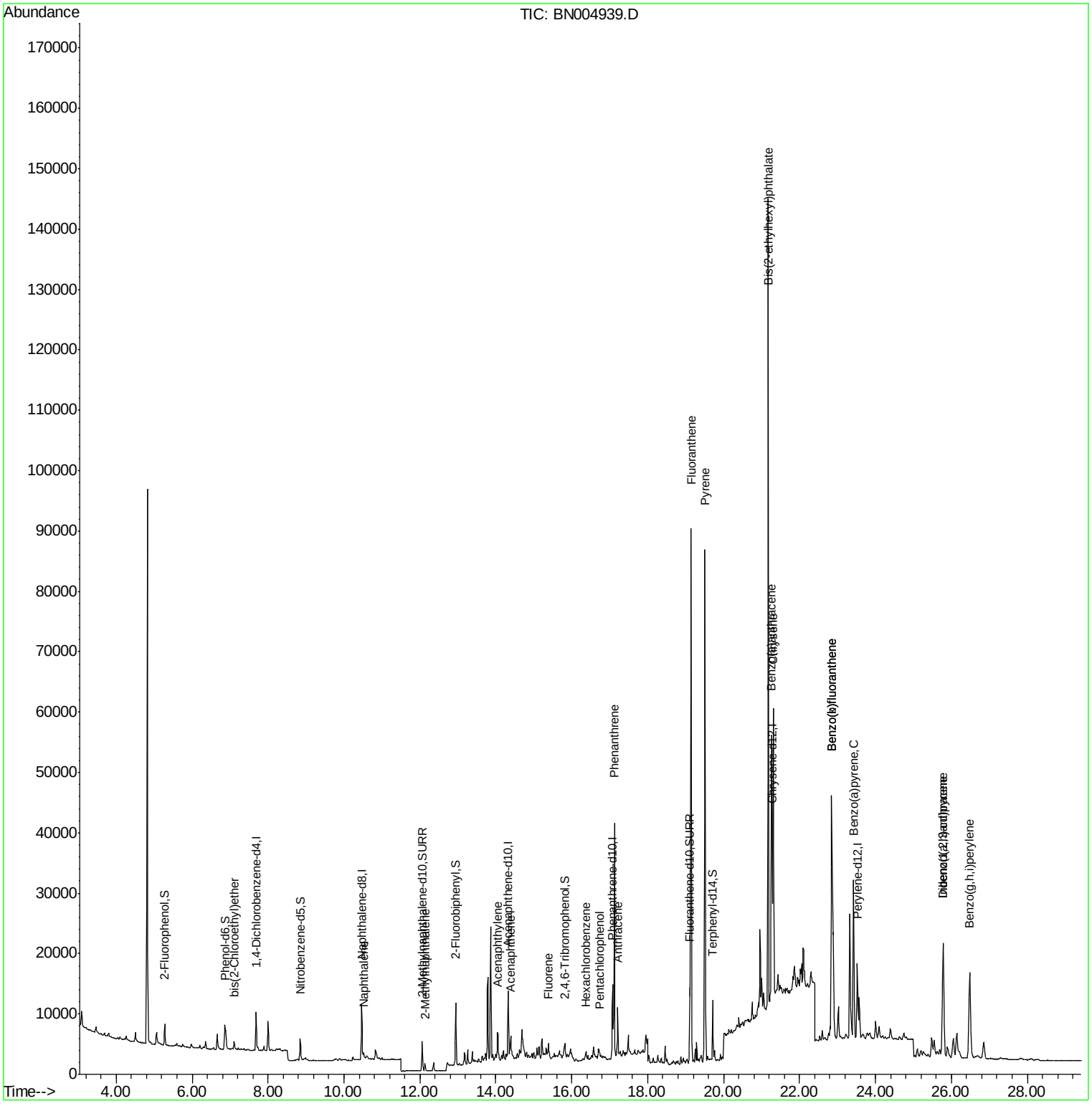
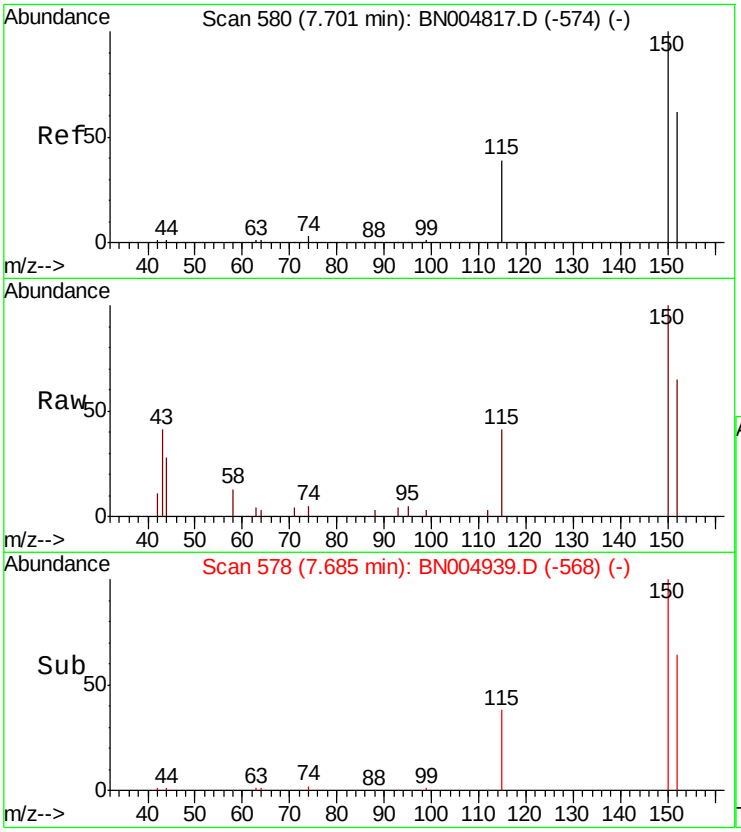


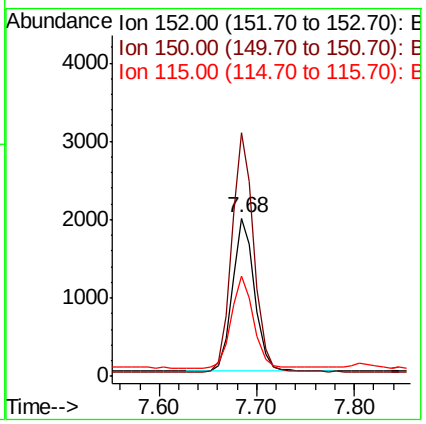


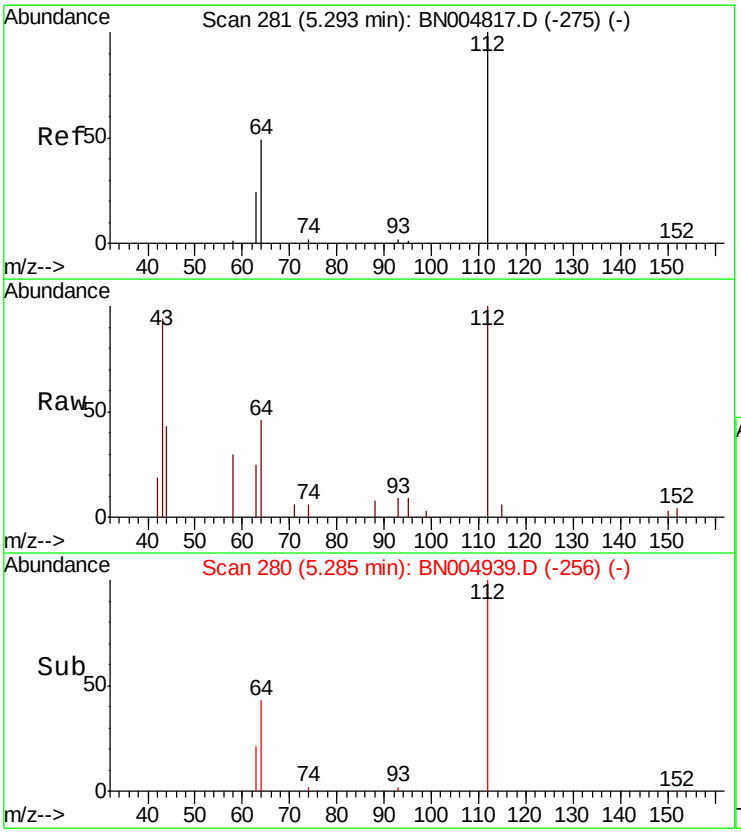
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:152 Resp: 3099

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.4
115	63.8	52.6	79.0

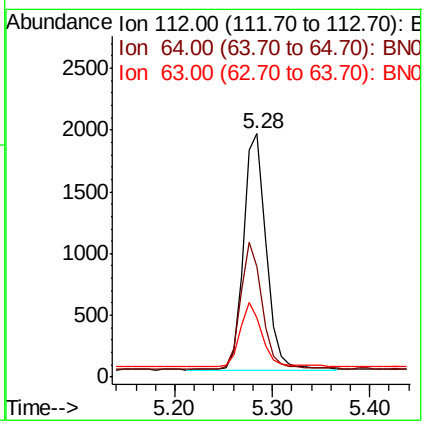


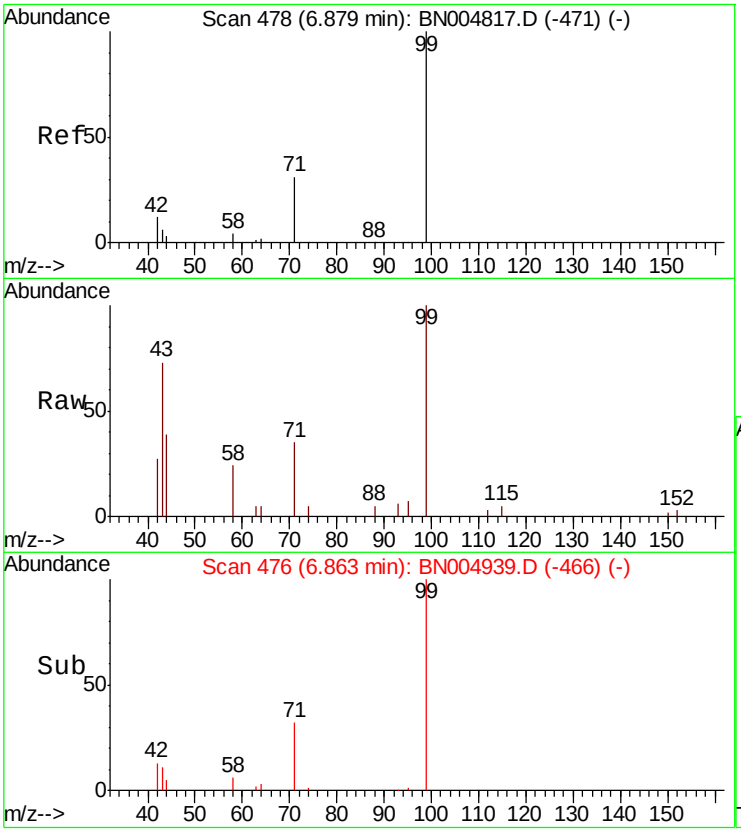


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:112 Resp: 3027

Ion	Ratio	Lower	Upper
112	100		
64	52.1	40.0	60.0
63	27.2	20.2	30.2



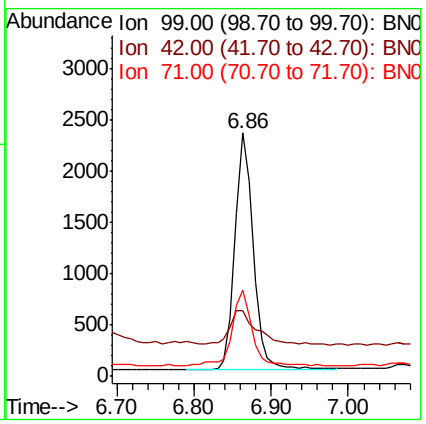


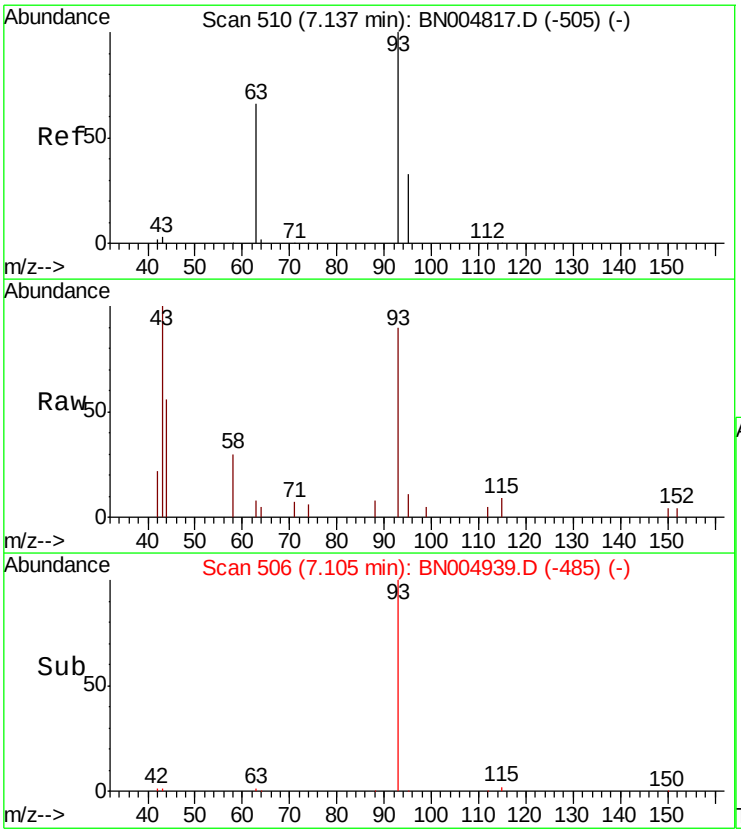
#5
Phenol-d6
Concen: 0.360 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion: 99 Resp: 3780

Ion	Ratio	Lower	Upper
99	100		
42	21.7	12.7	19.1#
71	33.5	26.6	40.0

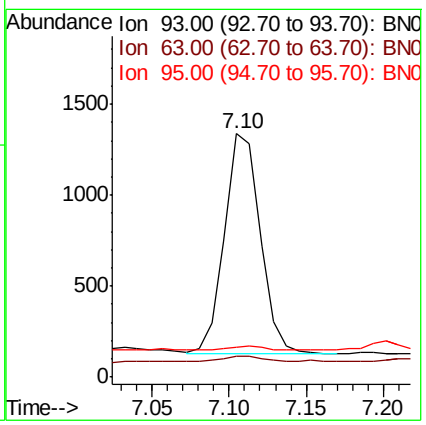


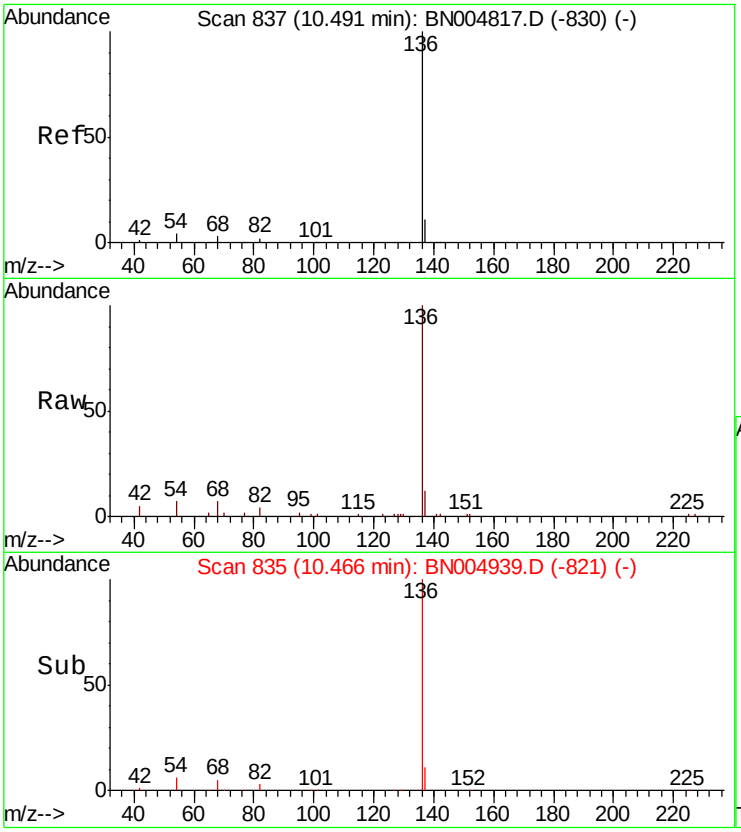


#6
bis(2-Chloroethyl)ether
Concen: 0.204 ng
RT: 7.10 min Scan# 506
Delta R.T. -0.03 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion: 93 Resp: 1931

Ion	Ratio	Lower	Upper
93	100		
63	3.5	52.6	78.8#
95	2.5	25.9	38.9#



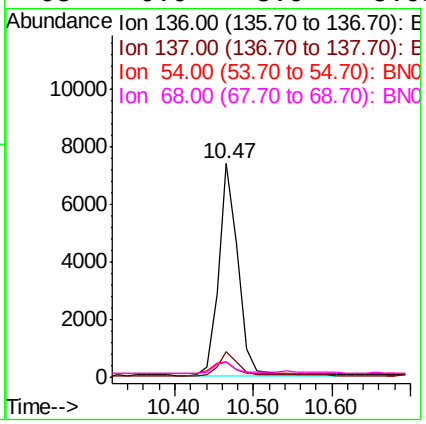


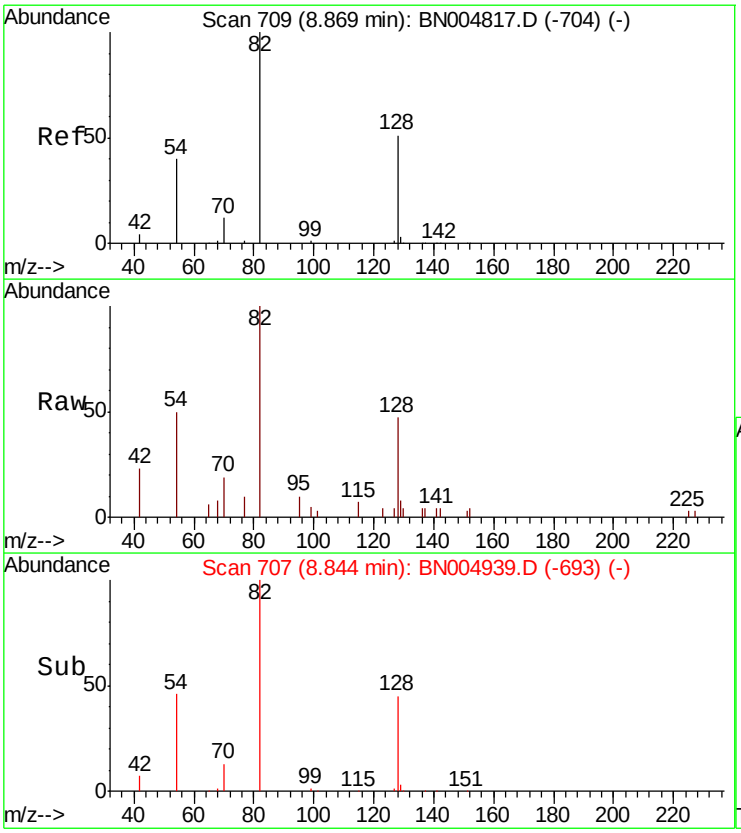
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:136 Resp: 12573

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	7.5	4.2	6.2#
68	6.9	3.9	5.9#

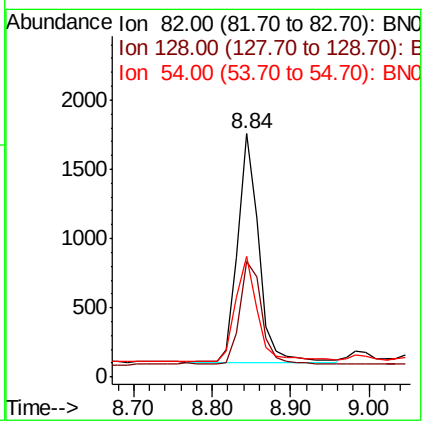


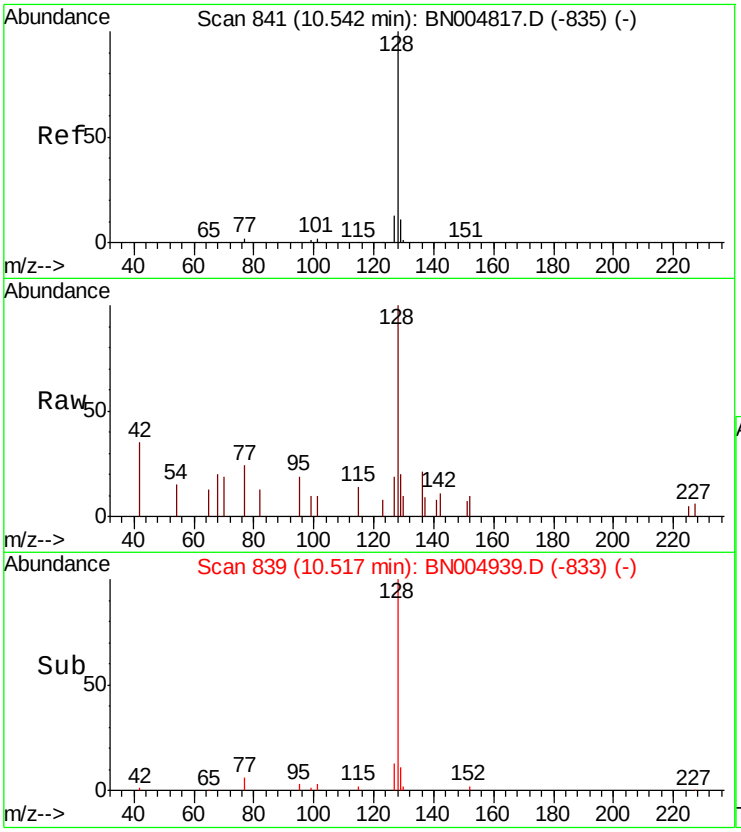


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion: 82 Resp: 3057

Ion	Ratio	Lower	Upper
82	100		
128	47.5	43.0	64.6
54	49.7	35.3	52.9



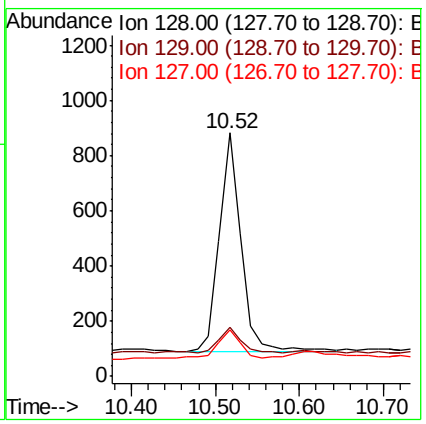


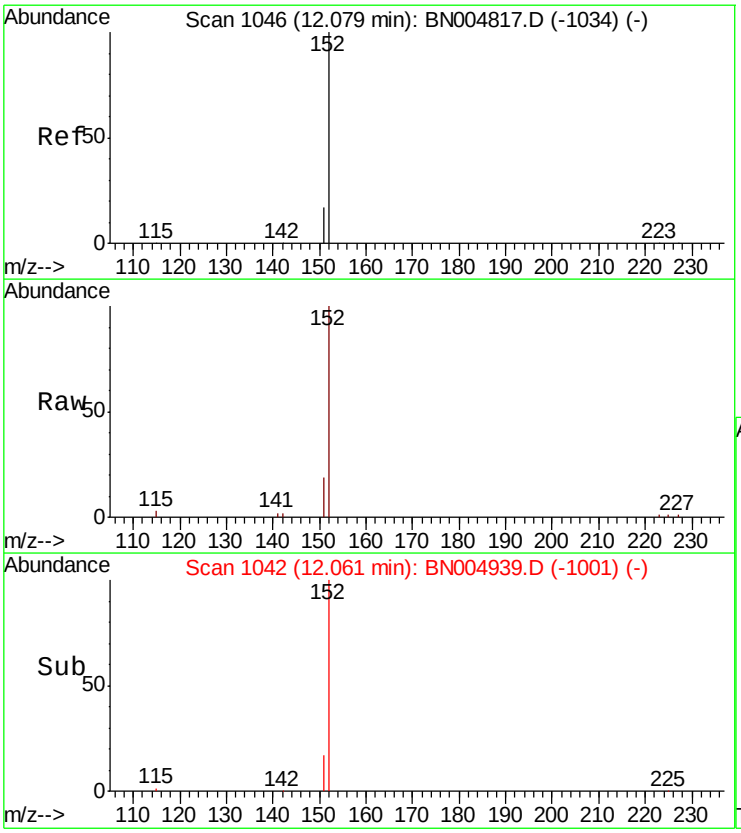
#9
Naphthalene
Concen: 0.040 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:128 Resp: 1409

Ion	Ratio	Lower	Upper
128	100		
129	20.1	9.9	14.9#
127	19.3	11.3	16.9#

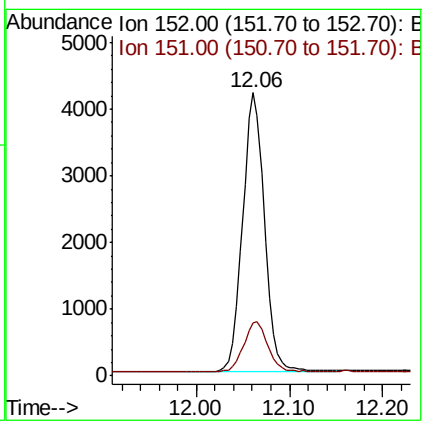


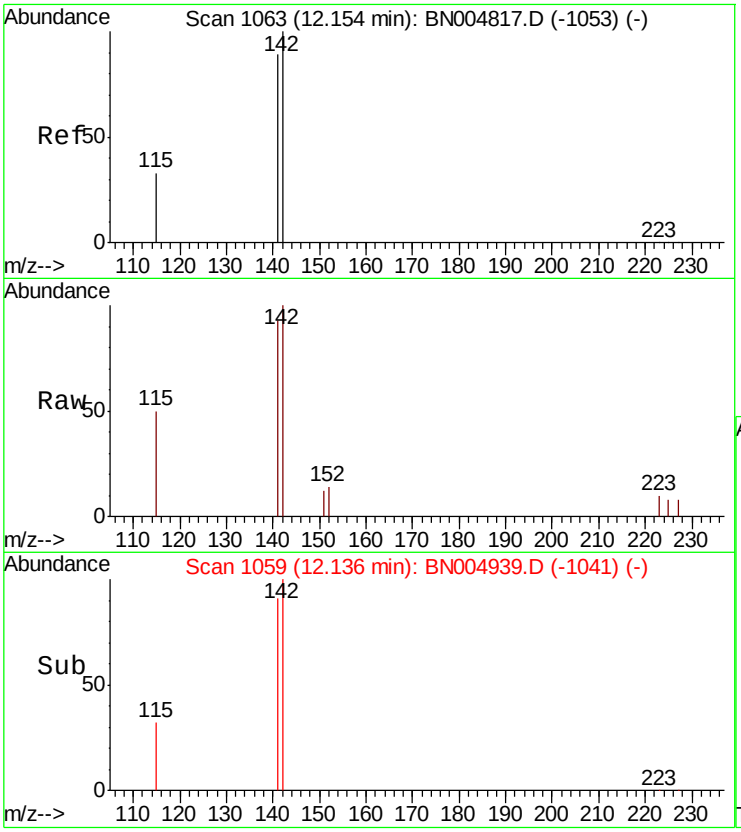


#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:152 Resp: 6761

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3



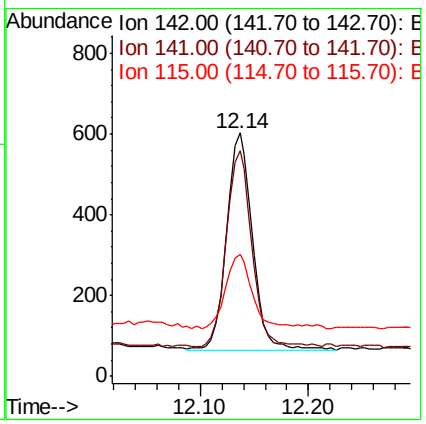


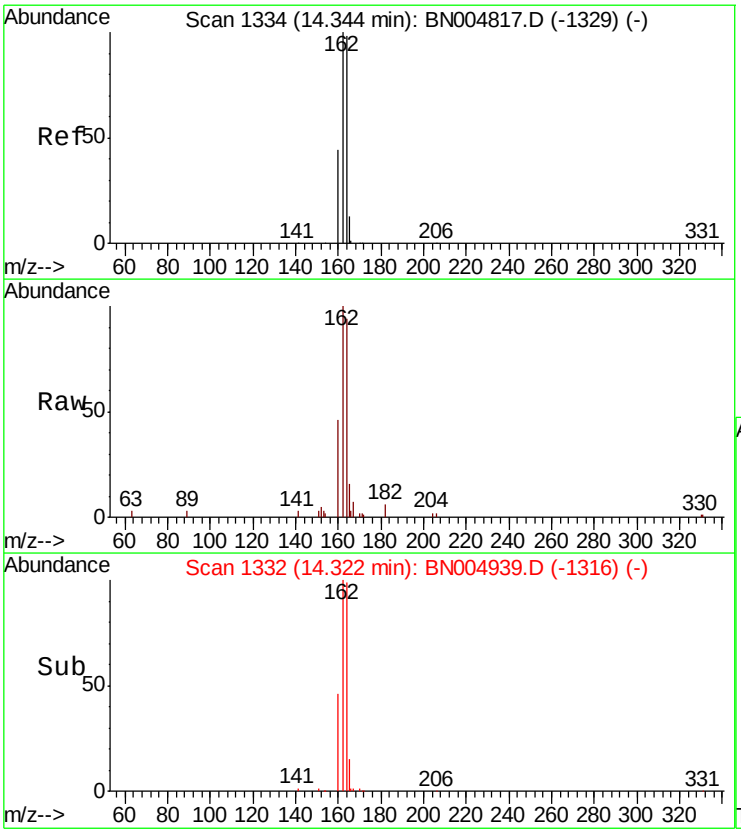
#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:142 Resp: 884

Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.4	107.2
115	49.9	27.5	41.3#

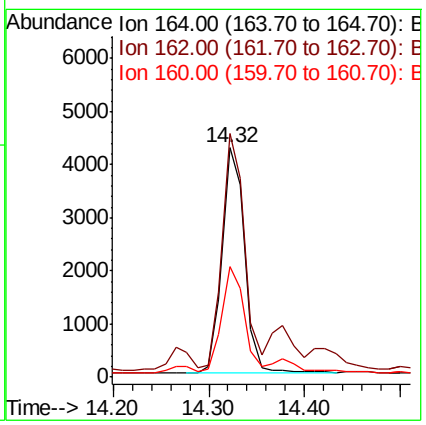


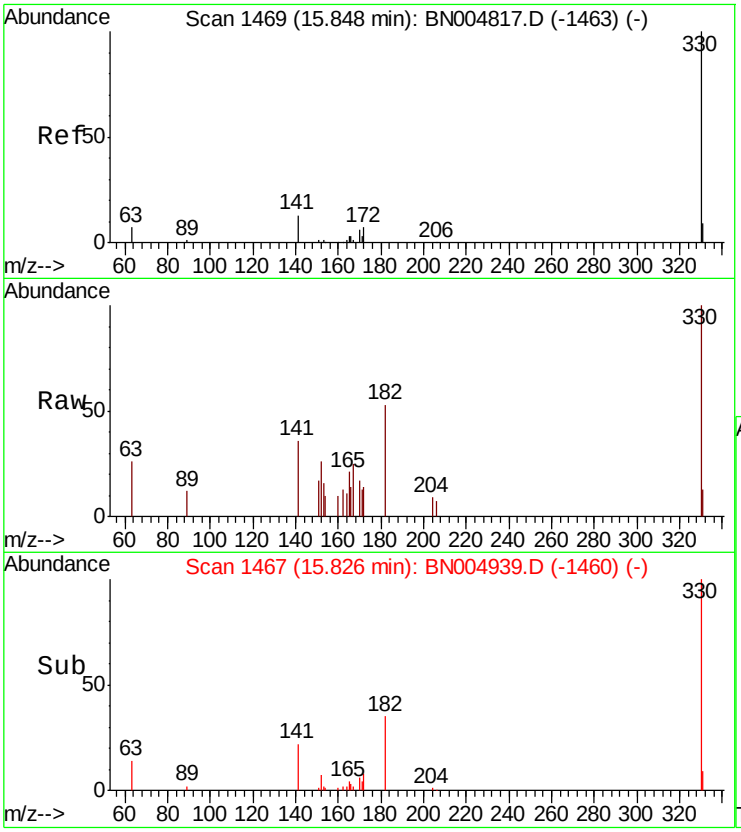


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:164 Resp: 7003

Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.9	122.9
160	48.4	36.6	54.8



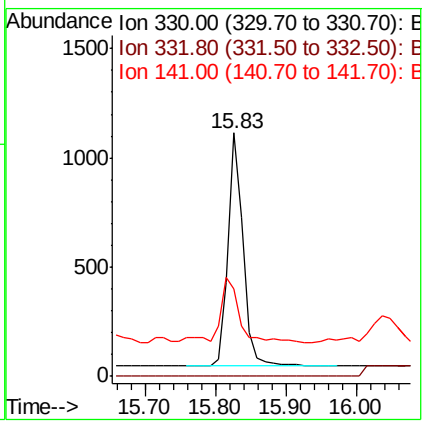


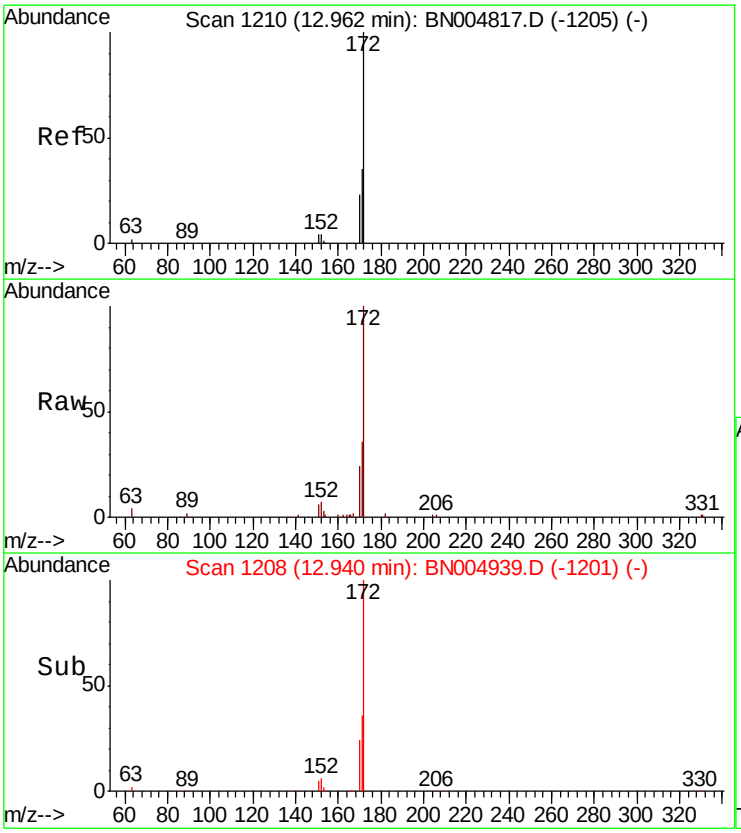
#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:330 Resp: 1614

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	20.9	31.3#

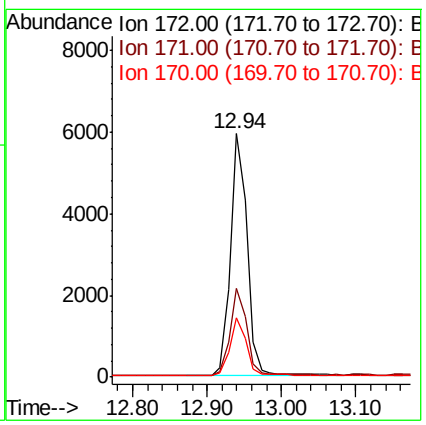


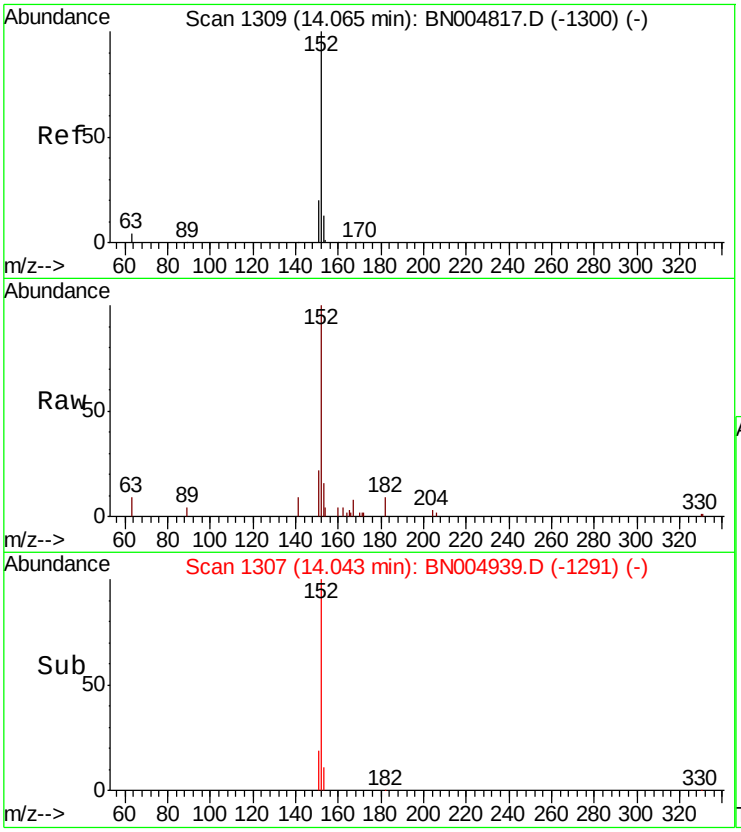


#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:172 Resp: 9067

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	24.4	18.7	28.1



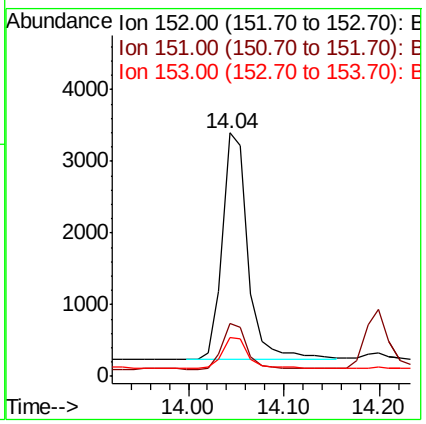


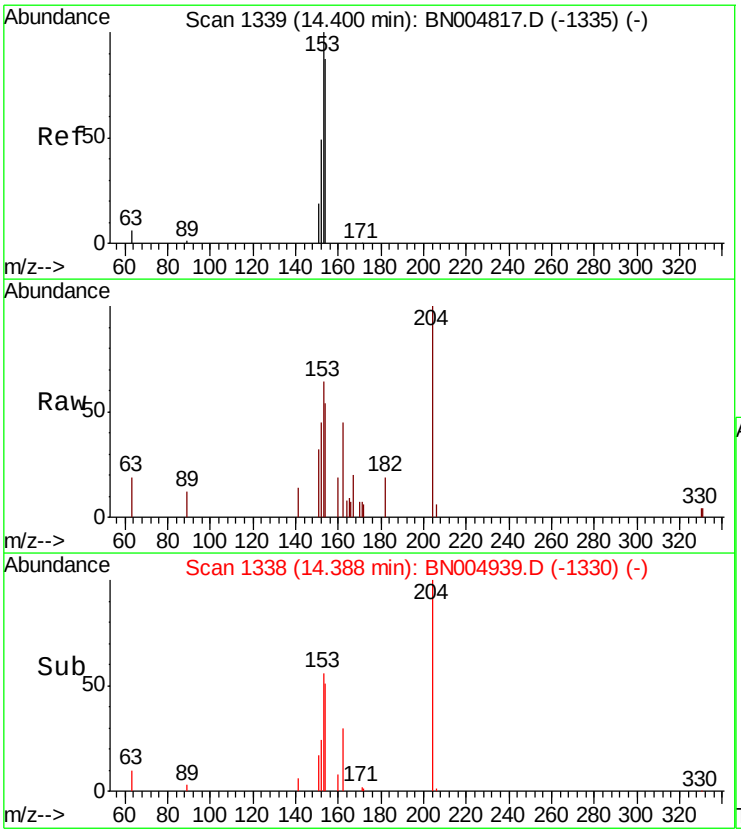
#16
Acenaphthylene
Concen: 0.165 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:152 Resp: 5958

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	14.1	10.5	15.7

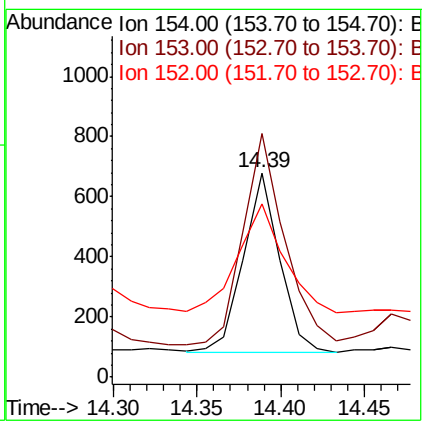


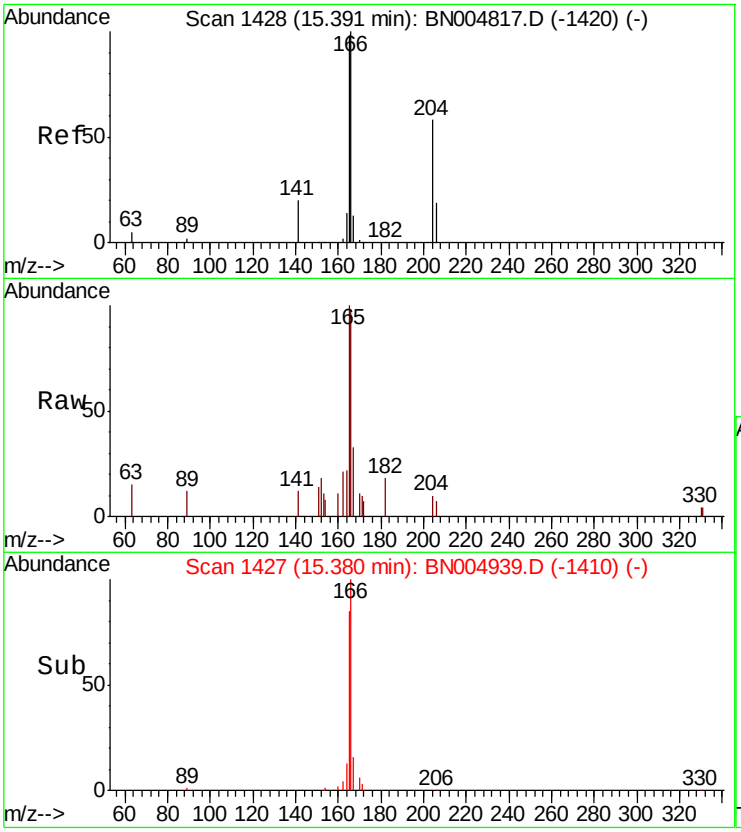


#17
Acenaphthene
Concen: 0.038 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:154 Resp: 896

Ion	Ratio	Lower	Upper
154	100		
153	135.6	91.4	137.2
152	77.7	44.2	66.2#



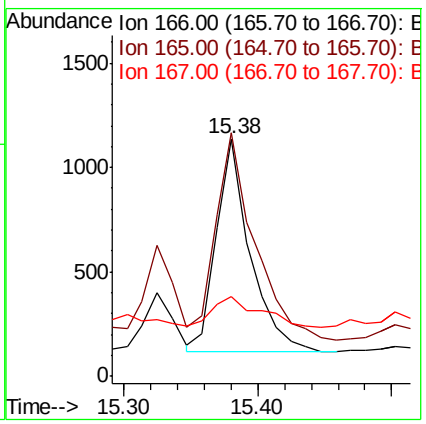


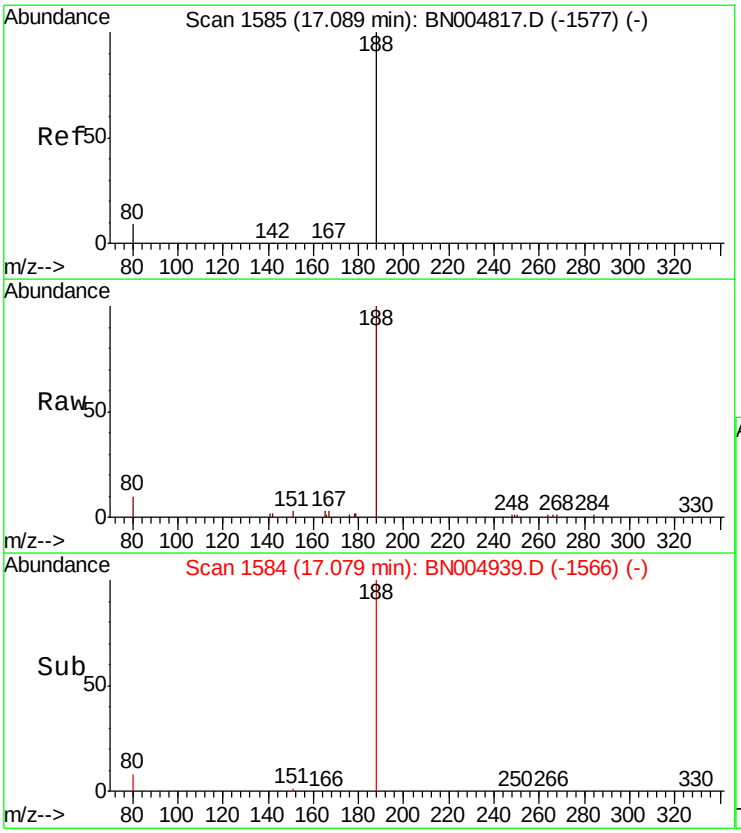
#18
Fluorene
Concen: 0.054 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:166 Resp: 1785

Ion	Ratio	Lower	Upper
166	100		
165	111.9	78.2	117.4
167	20.4	11.0	16.4#

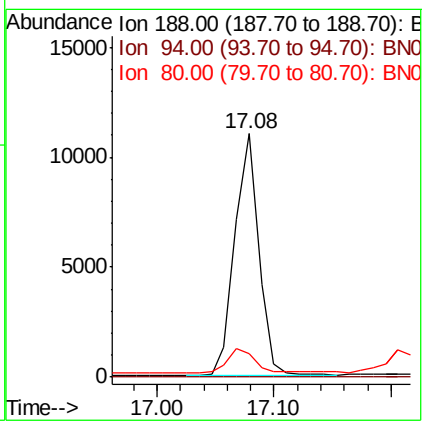


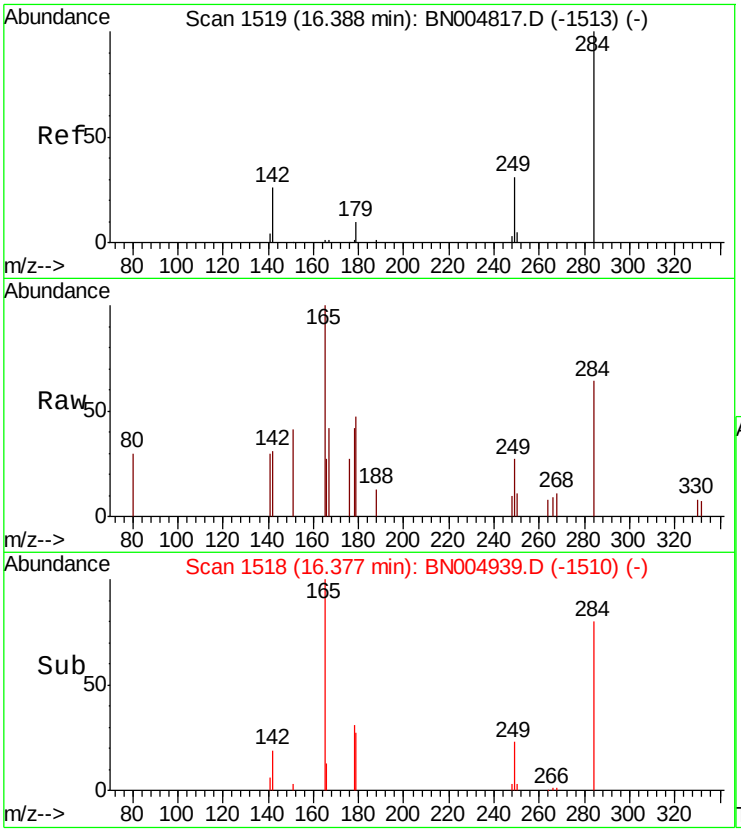


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:188 Resp: 15431

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.2



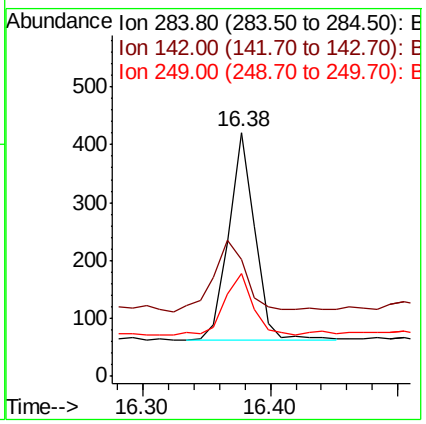


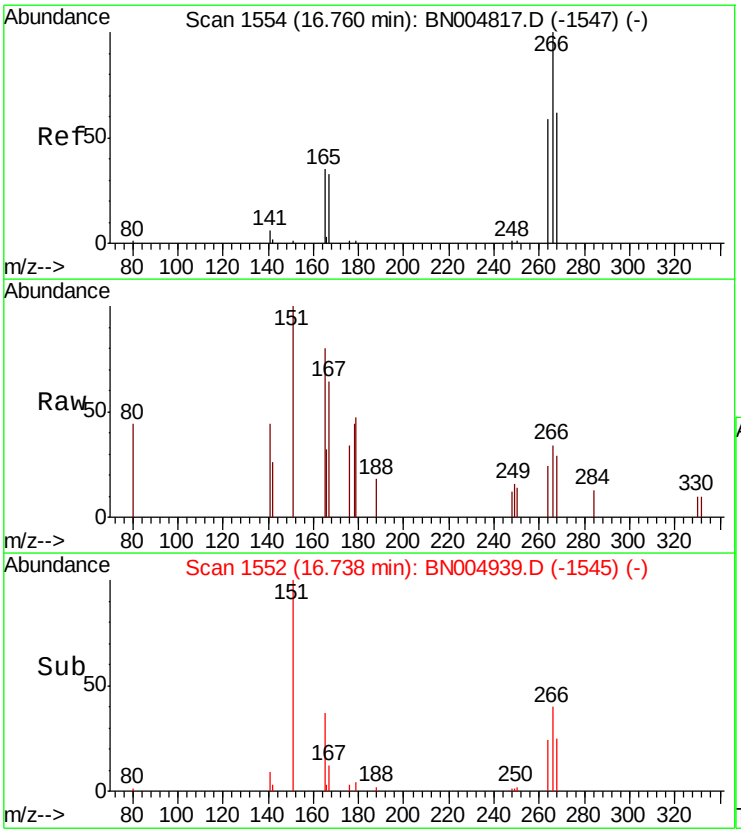
#21
Hexachlorobenzene
Concen: 0.044 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:284 Resp: 506

Ion	Ratio	Lower	Upper
284	100		
142	42.1	22.6	34.0#
249	32.6	22.5	33.7

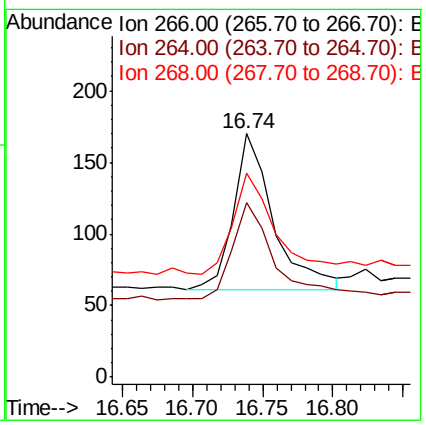


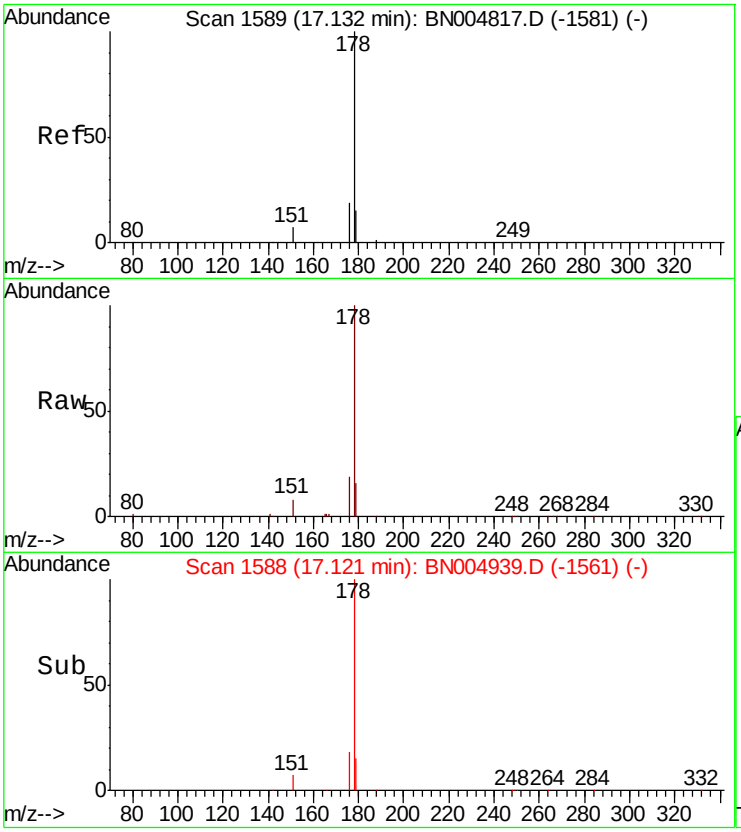


#22
Pentachlorophenol
Concen: 0.096 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:266 Resp: 217

Ion	Ratio	Lower	Upper
266	100		
264	71.8	53.1	79.7
268	83.5	57.7	86.5



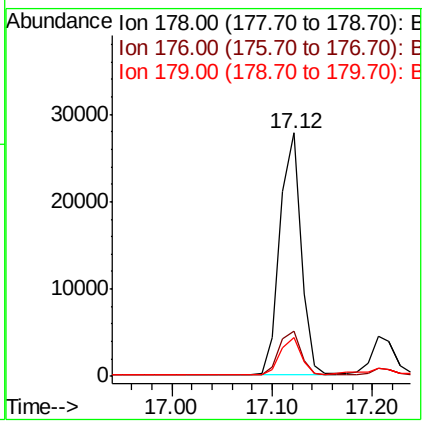


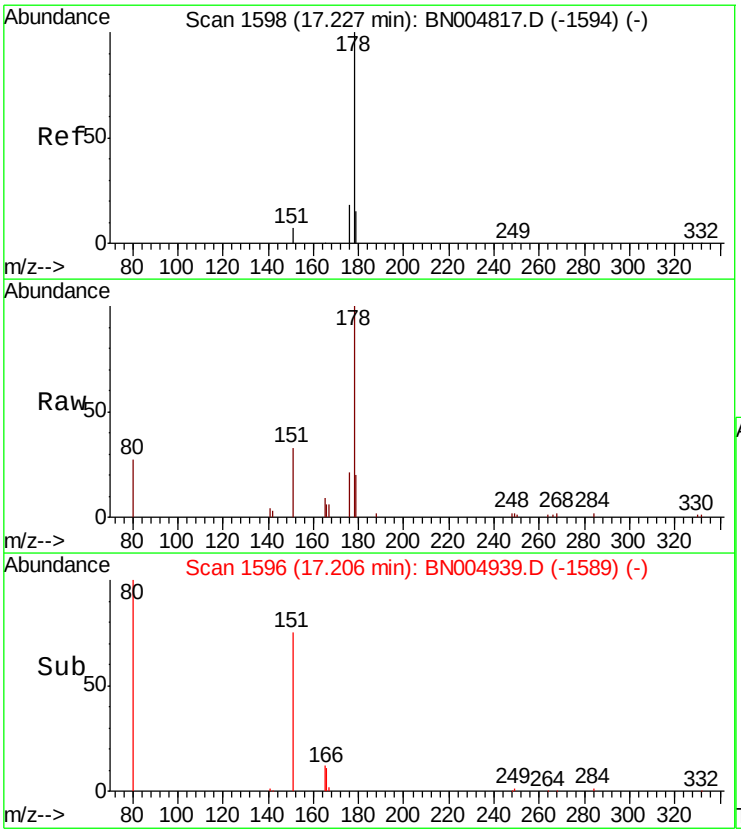
#23
Phenanthrene
Concen: 0.819 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:178 Resp: 40827

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.0	12.1	18.1

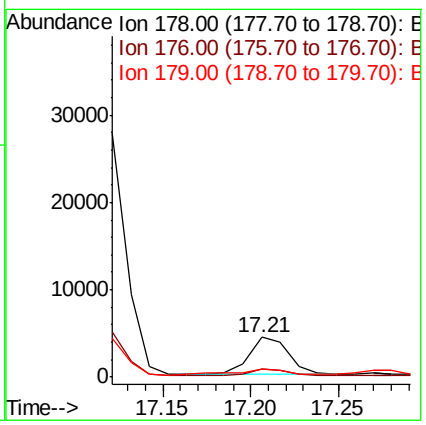


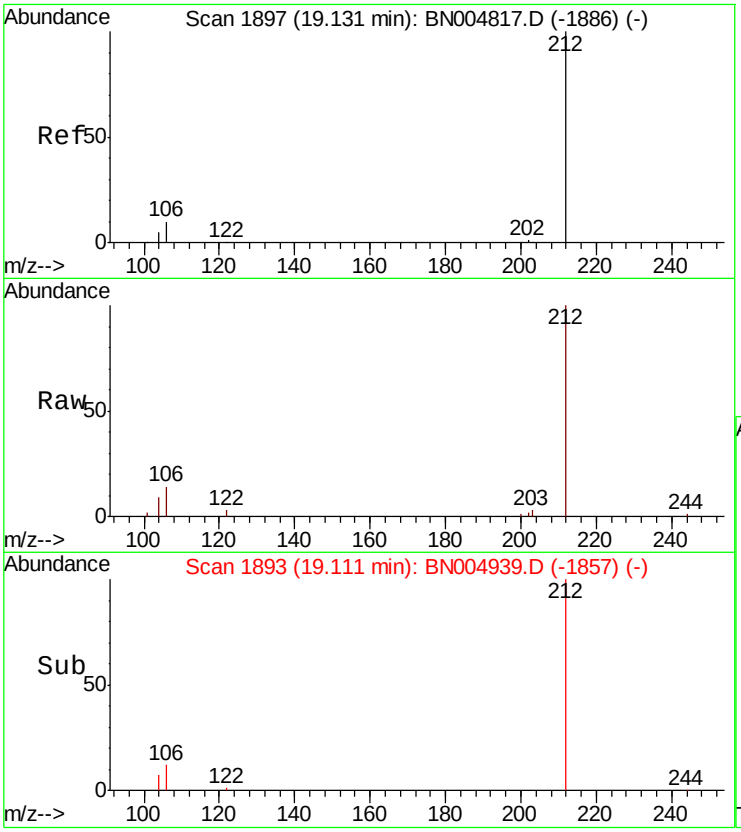


#24
Anthracene
Concen: 0.153 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:178 Resp: 6812

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	19.2	12.2	18.4#



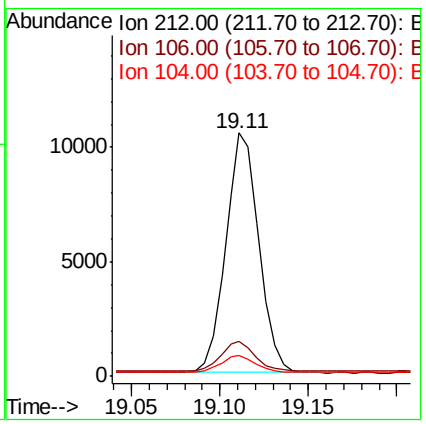


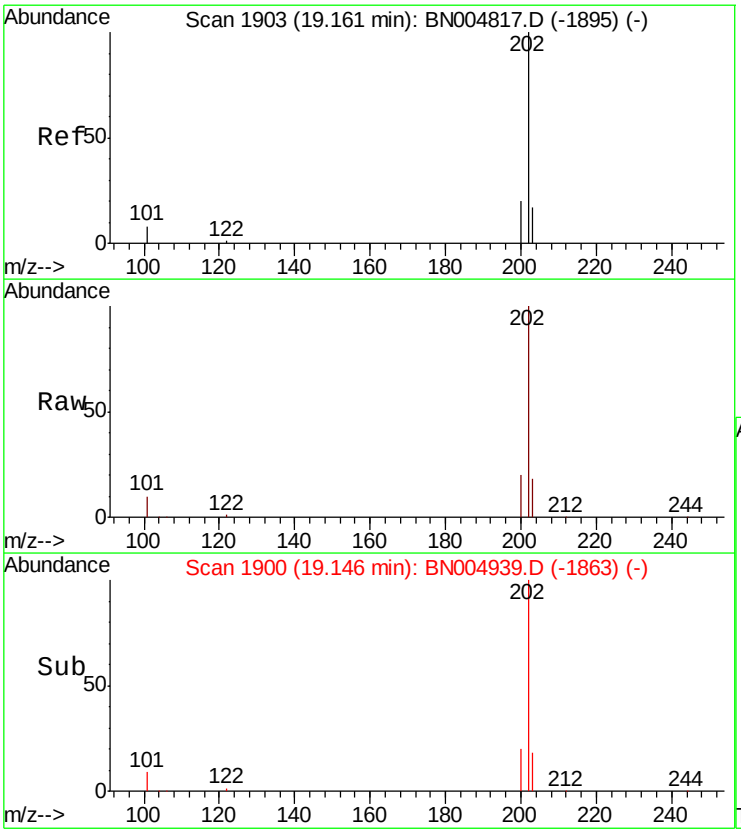
#25
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.11 min Scan# 1893
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:212 Resp: 13627

Ion	Ratio	Lower	Upper
212	100		
106	12.6	8.6	13.0
104	7.2	4.7	7.1#

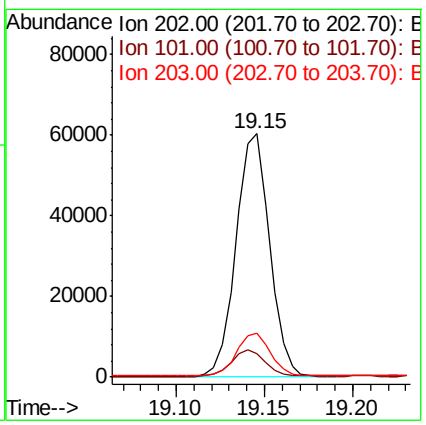


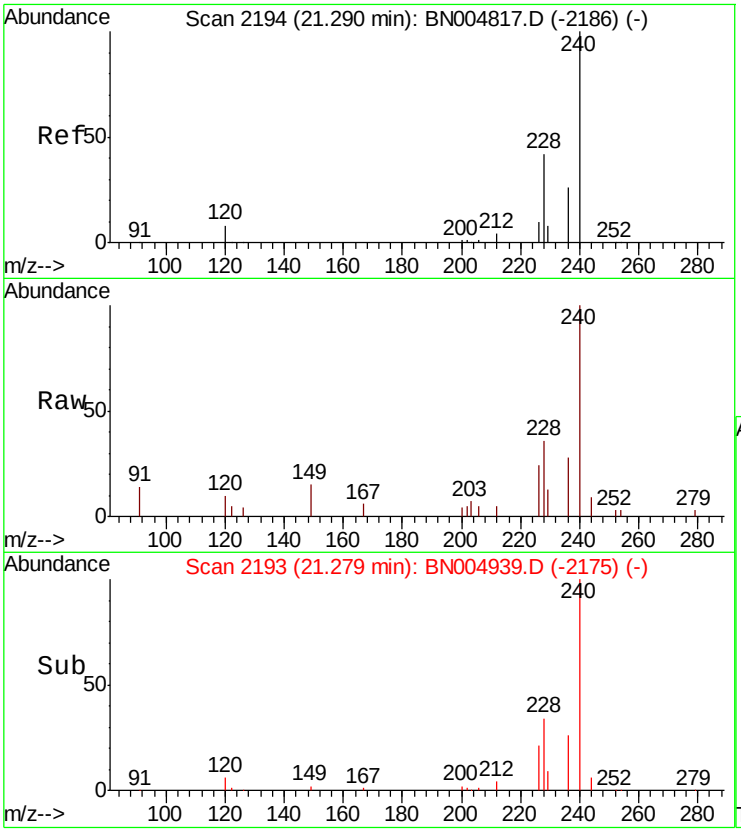


#26
Fluoranthene
Concen: 1.239 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:202 Resp: 79364

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.5	11.3
203	17.8	13.8	20.6



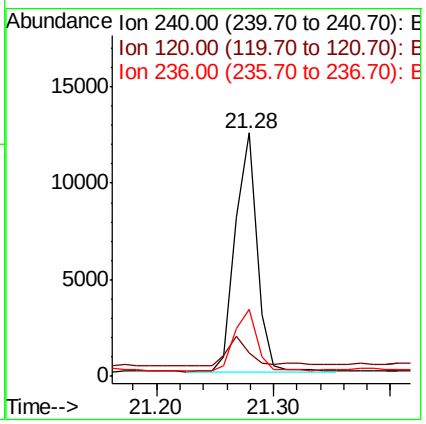


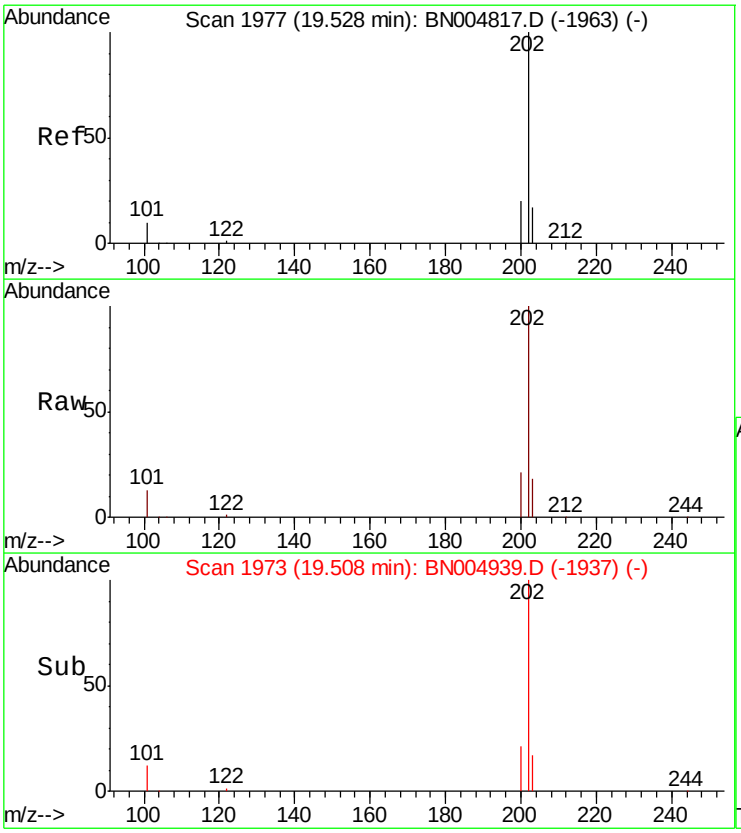
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:240 Resp: 15760

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.2	10.8
236	27.6	20.9	31.3

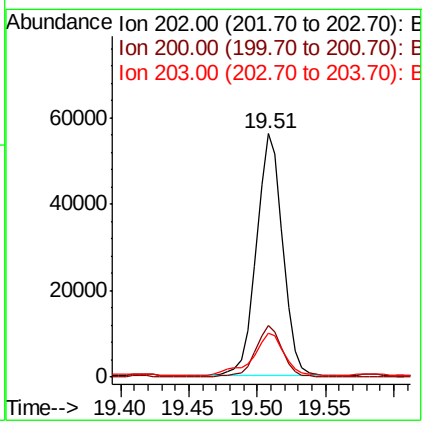


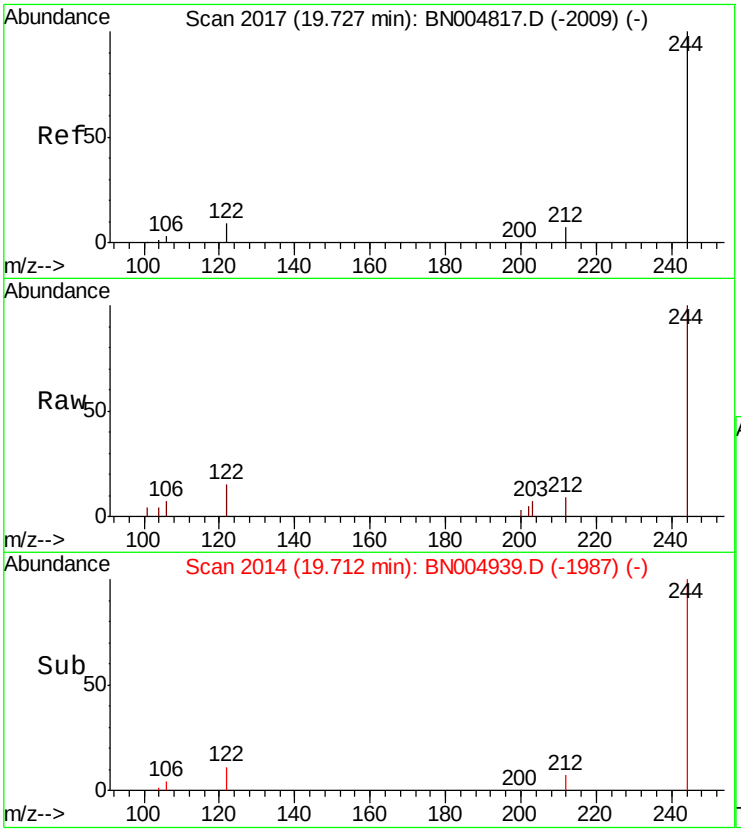


#28
Pyrene
Concen: 1.575 ng
RT: 19.51 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:202 Resp: 75666

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	20.9	14.0	21.0



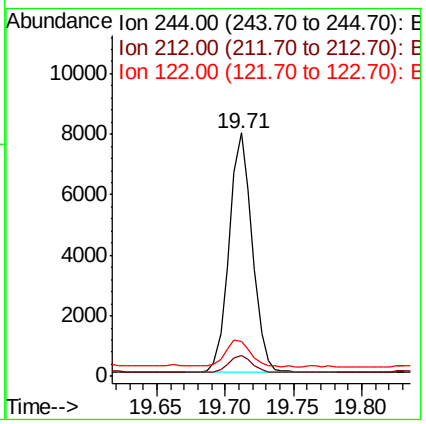


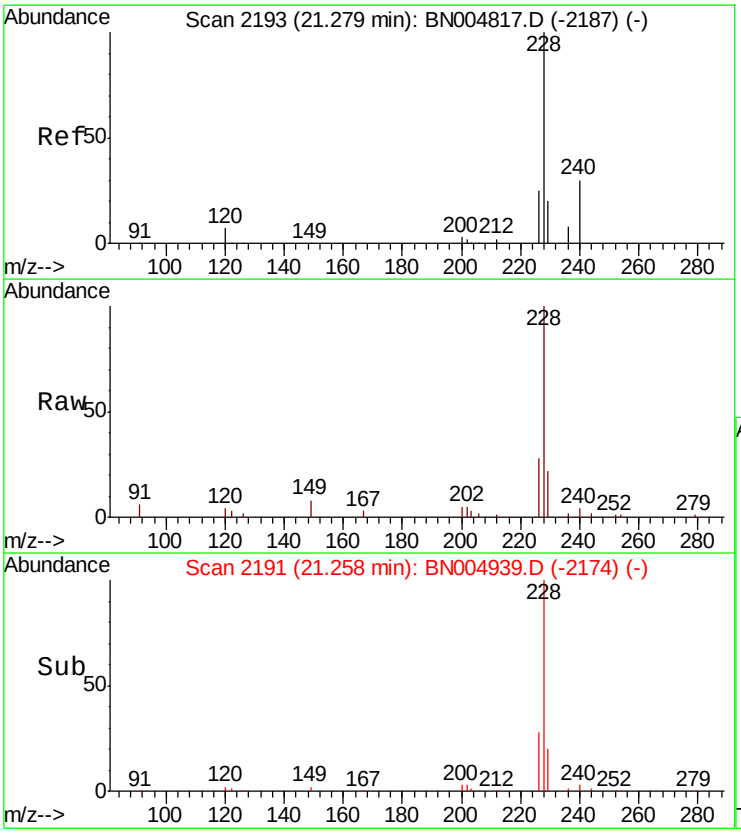
#29
Terphenyl-d14
Concen: 0.288 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:244 Resp: 9275

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	14.5	7.9	11.9#

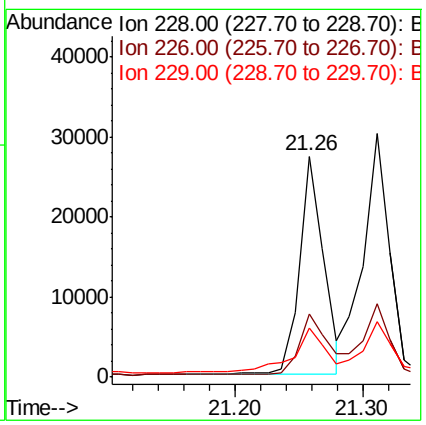


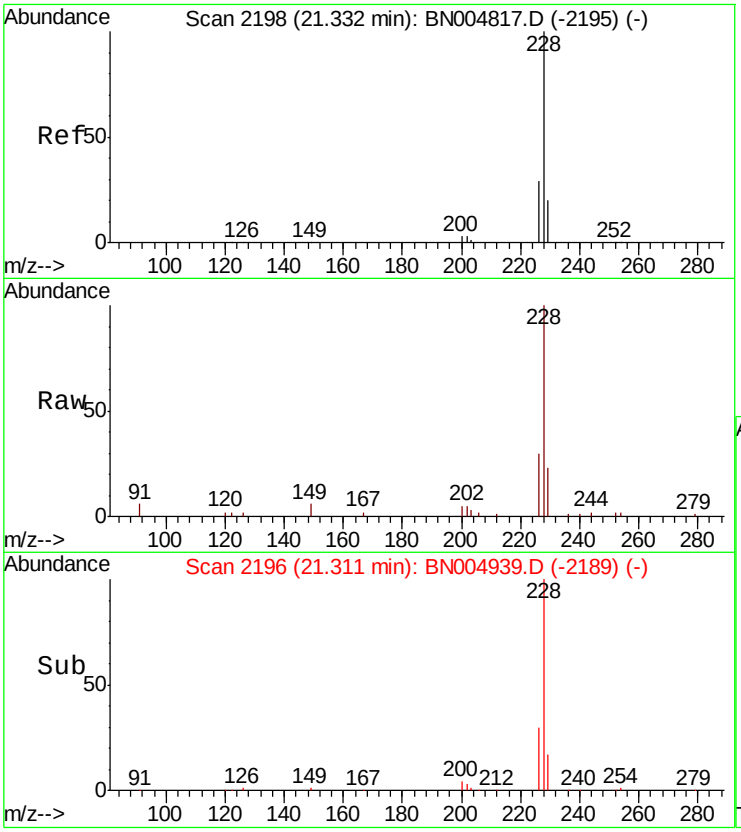


#30
Benzo(a)anthracene
Concen: 0.693 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:228 Resp: 35812

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.6	31.0
229	22.4	16.2	24.4



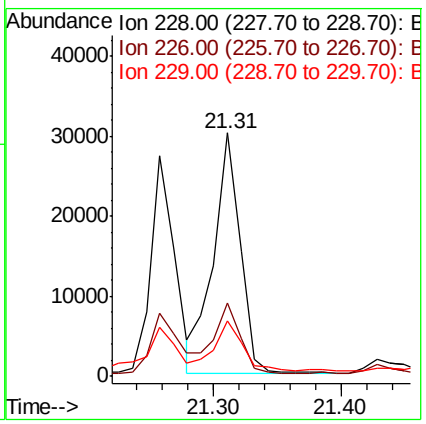


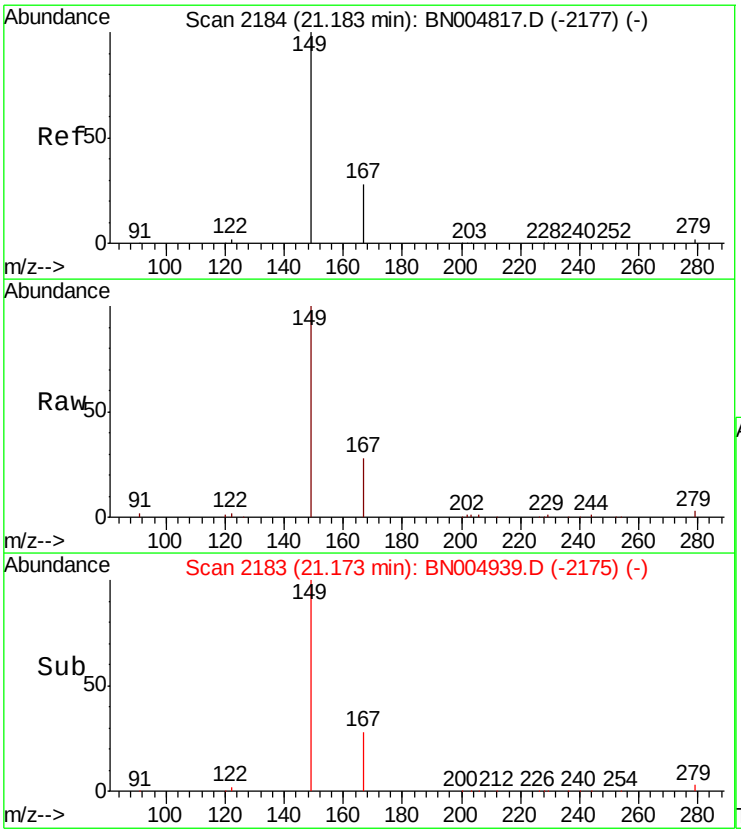
#31
Chrysene
Concen: 0.792 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:228 Resp: 43121

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.6
229	22.8	16.2	24.2

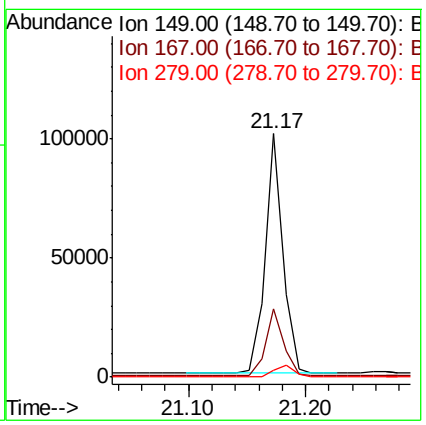


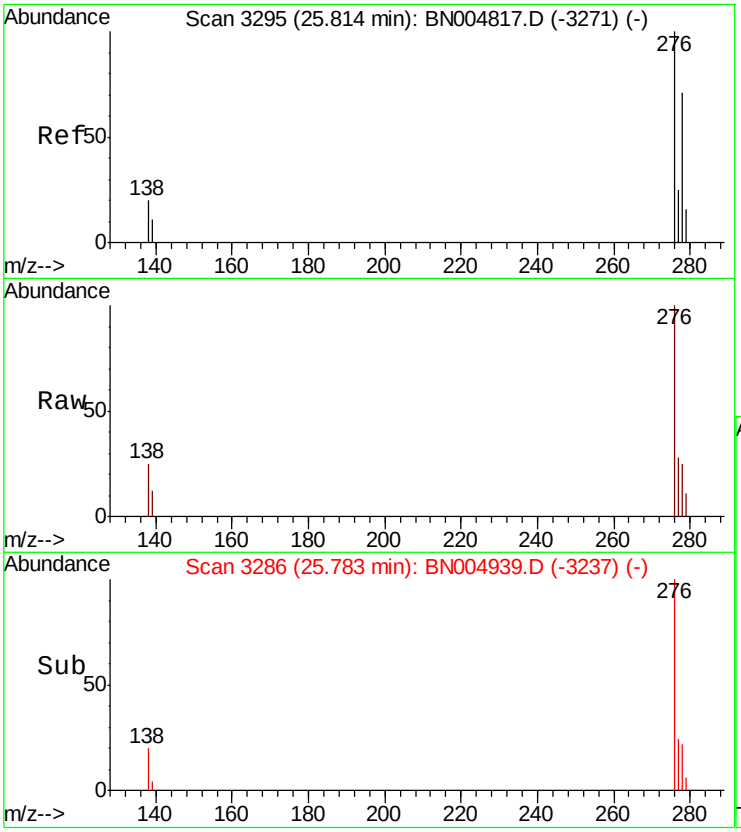


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.152 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:149 Resp: 106398

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	5.2	4.6	6.8



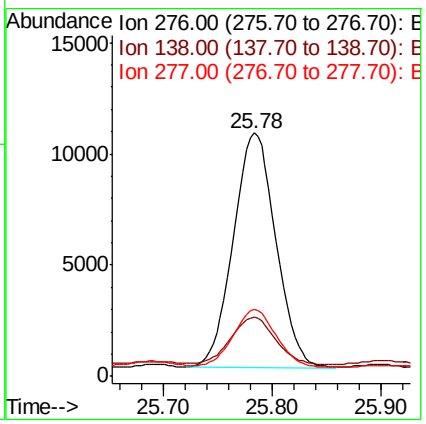


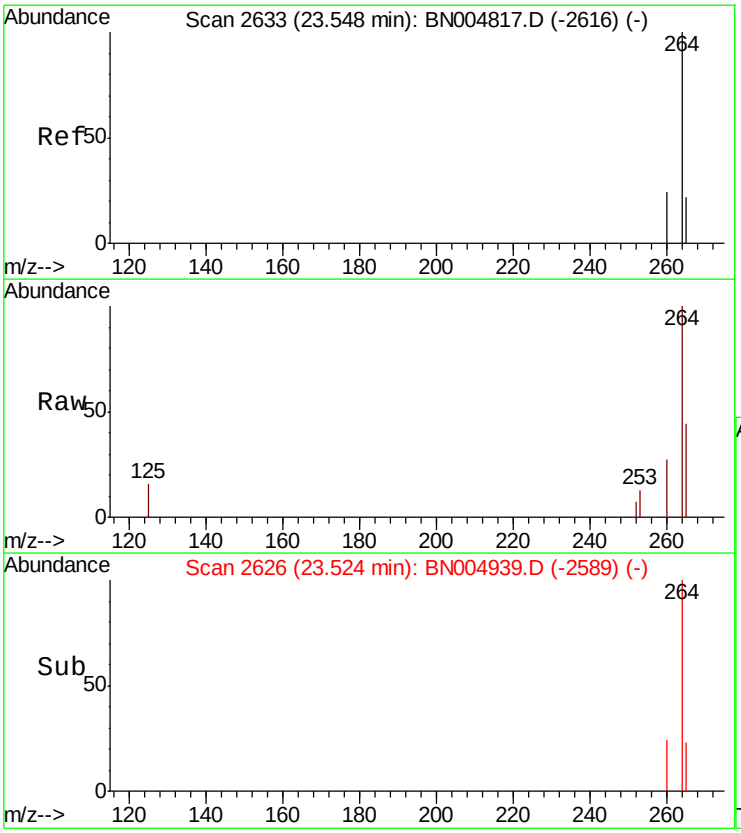
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 25.78 min Scan# 3286
Delta R.T. -0.03 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:276 Resp: 28693

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.6	24.8
277	24.9	20.3	30.5

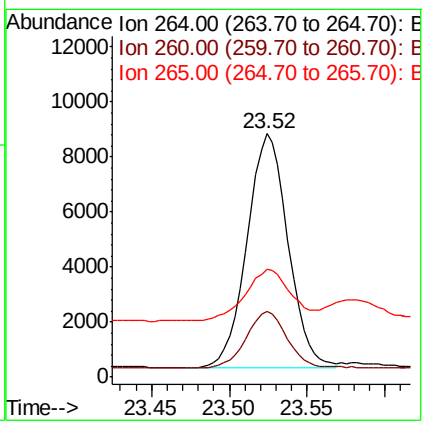


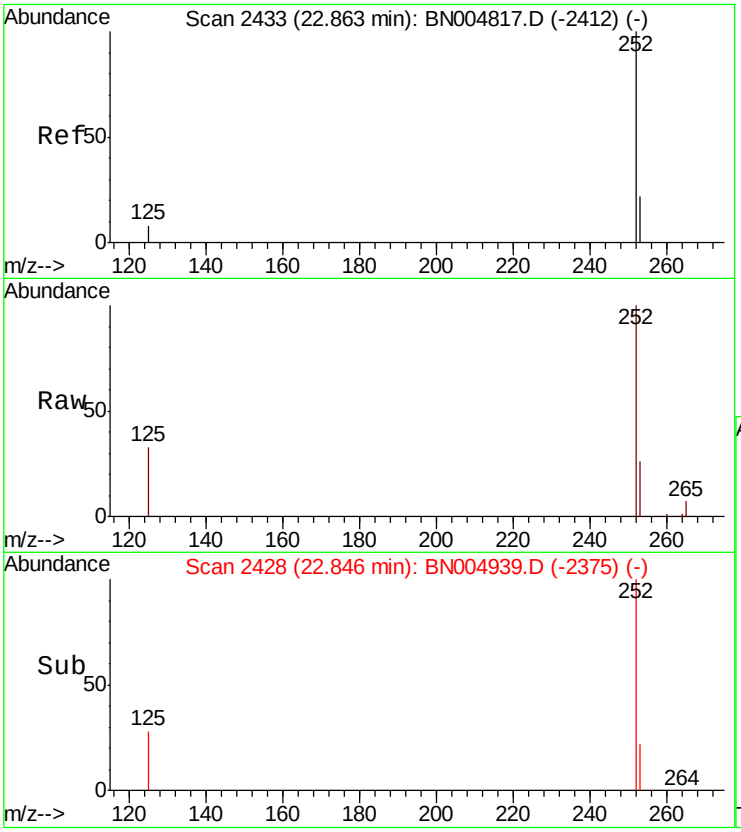


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:264 Resp: 15540

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.5	29.3
265	44.2	23.1	34.7#



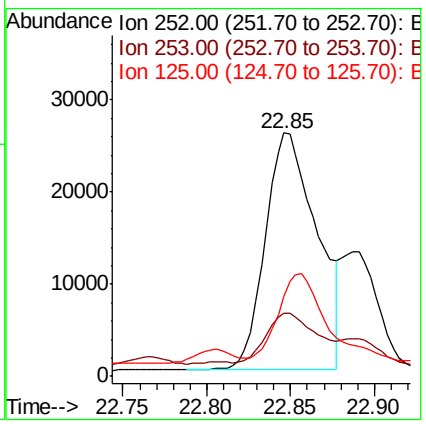


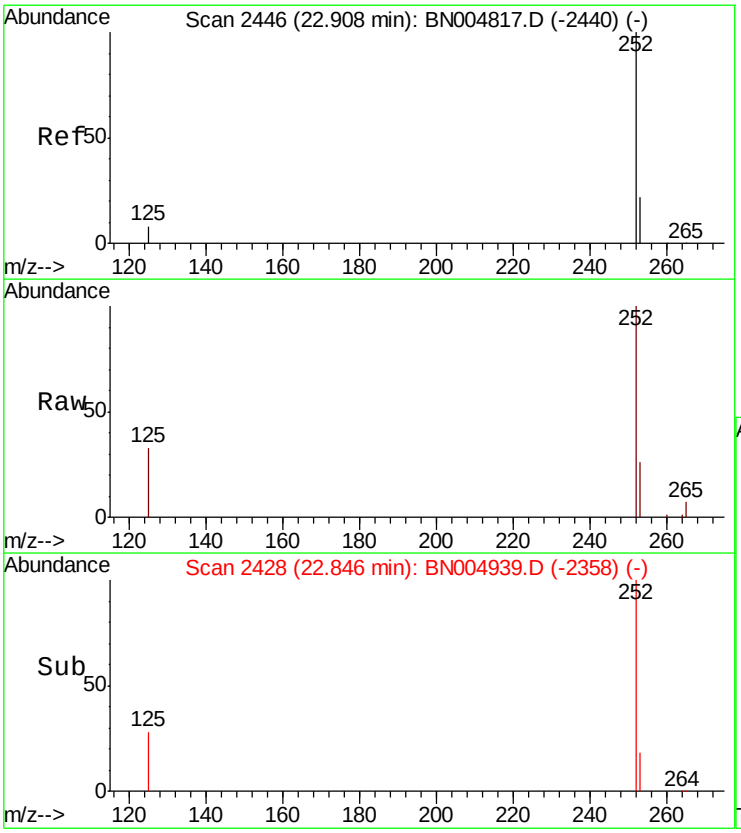
#35
Benzo(b)fluoranthene
Concen: 0.984 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:252 Resp: 55305

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.0	28.4
125	32.9	7.4	11.2#

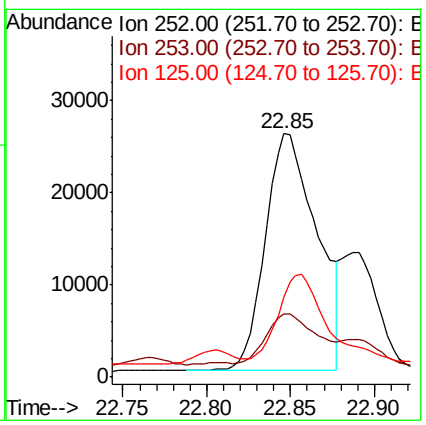


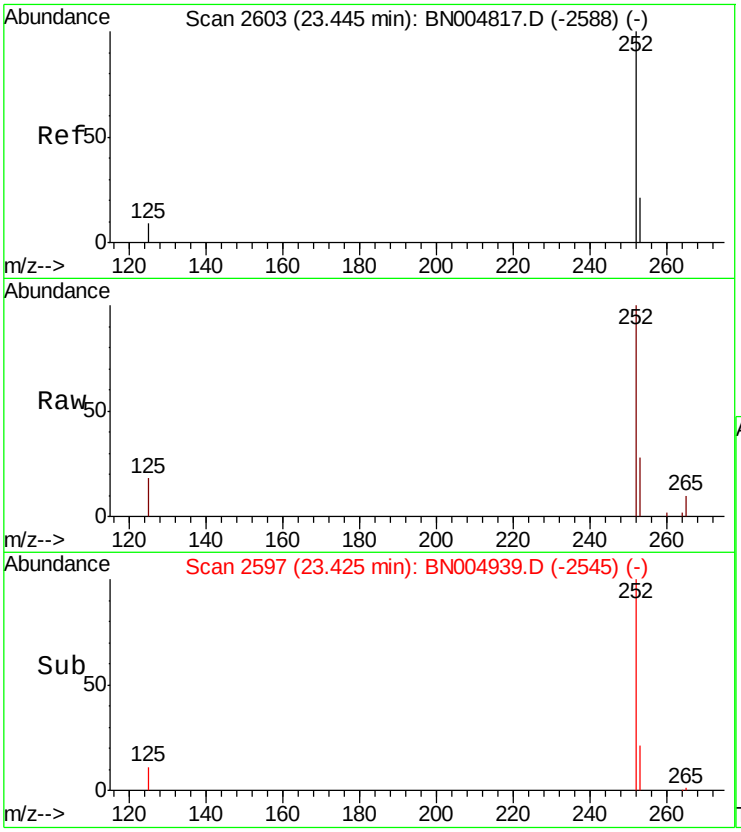


#36
Benzo(k)fluoranthene
Concen: 1.000 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.06 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:252 Resp: 55305

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.3	28.9
125	32.9	7.4	11.0#



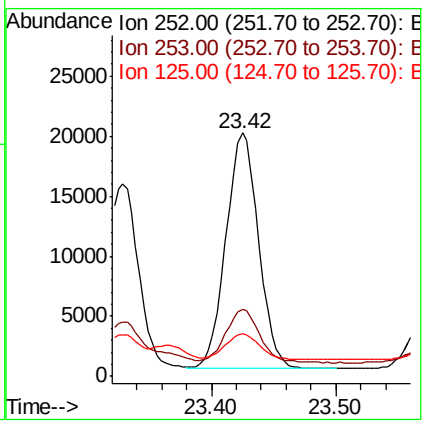


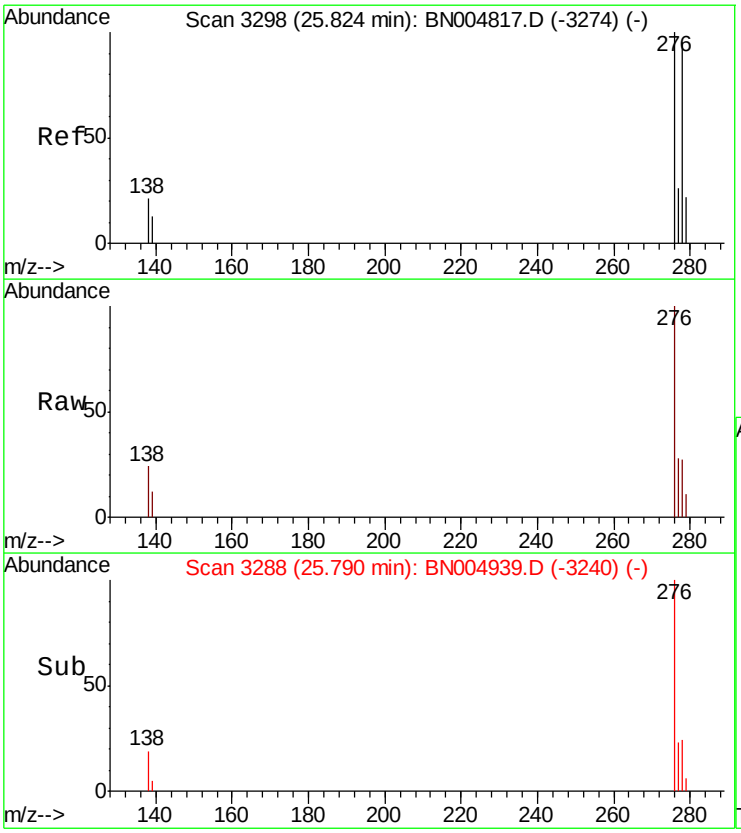
#37
Benzo(a)pyrene
Concen: 0.692 ng
RT: 23.42 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:252 Resp: 35697

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.7	29.5
125	17.6	8.3	12.5#

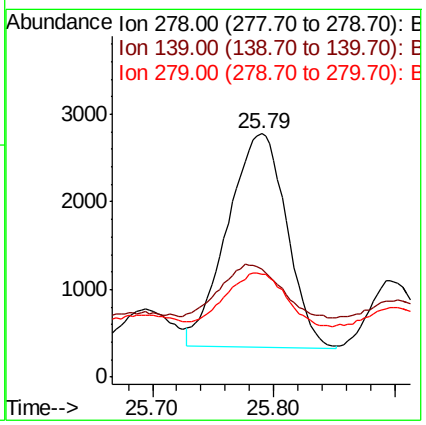


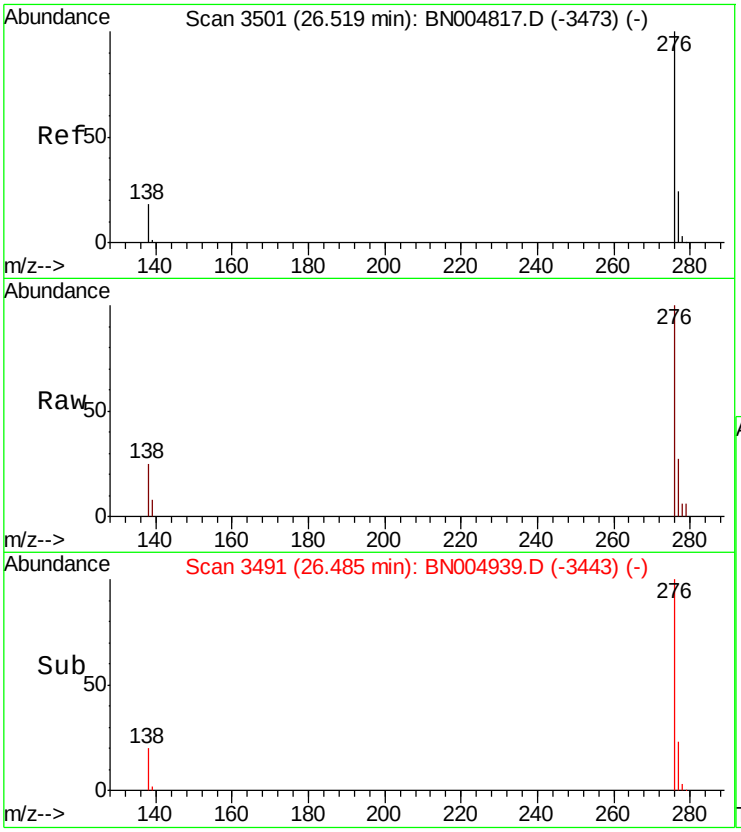


#38
Dibenzo(a,h)anthracene
Concen: 0.139 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.03 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Tgt Ion:278 Resp: 8300

Ion	Ratio	Lower	Upper
278	100		
139	44.4	11.7	17.5#
279	42.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.479 ng
RT: 26.48 min Scan# 3491
Delta R.T. -0.03 min
Lab File: BN004939.D
Acq: 24 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW034-031919

Tgt Ion:276 Resp: 29137

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.7	29.5
138	24.9	14.6	22.0#