Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN007991.D
Acq On : 03 Oct 2019 21:35
Operator : JU
Sample : K5077-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-024-SW075-092519

Quant Time: Oct 04 05:40:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4804	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	20377	0.40	ng		-0.01
13) Acenaphthene-d10	14.30	164	12982	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	28283	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	30125	0.40	ng		-0.02
34) Perylene-d12	23.46	264	32836	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	5479	0.33	ng		-0.02
5) Phenol-d6	6.86	99	7953	0.39	ng		0.00
8) Nitrobenzene-d5	8.82	82	5799	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	12230	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	2518	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	16748	0.31	ng		-0.01
25) Fluoranthene-d10	19.09	212	33517	0.35	ng		-0.02
29) Terphenyl-d14	19.69	244	27371	0.37	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.98	42	6760	2.756	ng	#	81
9) Naphthalene	10.49	128	24956	0.436	ng		99
12) 2-Methylnaphthalene	12.12	142	13092	0.339	ng		100
16) Acenaphthylene	14.02	152	38859	0.564	ng		99
17) Acenaphthene	14.37	154	25496	0.574	ng		96
18) Fluorene	15.36	166	54610	0.960	ng		96
23) Phenanthrene	17.09	178	889087	10.091	ng		100
24) Anthracene	17.19	178	175131	2.201	ng	#	93
26) Fluoranthene	19.12	202	1145144	10.453	ng		99
28) Pyrene	19.49	202	931806	9.069	ng	#	96
30) Benzo(a)anthracene	21.24	228	551488	4.971	ng		98
31) Chrysene	21.28	228	486062	4.496	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	8817	0.155	ng		98
33) Indeno(1,2,3-cd)pyrene	25.67	276	264921	1.957	ng		96
35) Benzo(b)fluoranthene	22.81	252	606512	5.320	ng		100
36) Benzo(k)fluoranthene	22.81	252	606512	5.381	ng		100
37) Benzo(a)pyrene	23.37	252	400144	3.735	ng		98
38) Dibenzo(a,h)anthracene	25.68	278	75434	0.688	ng		95
39) Benzo(g,h,i)perylene	26.34	276	238654	2.200	ng		99

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
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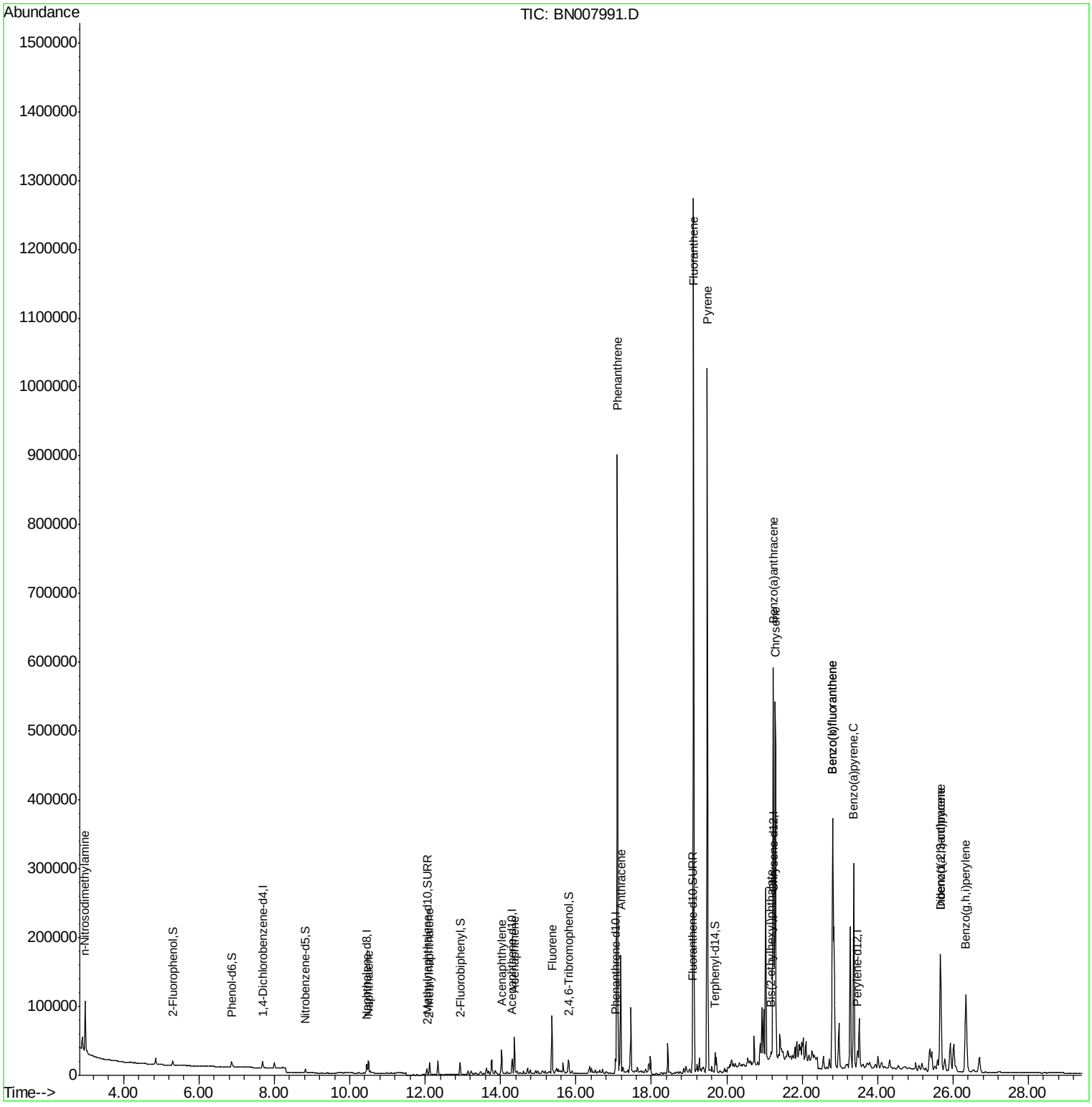
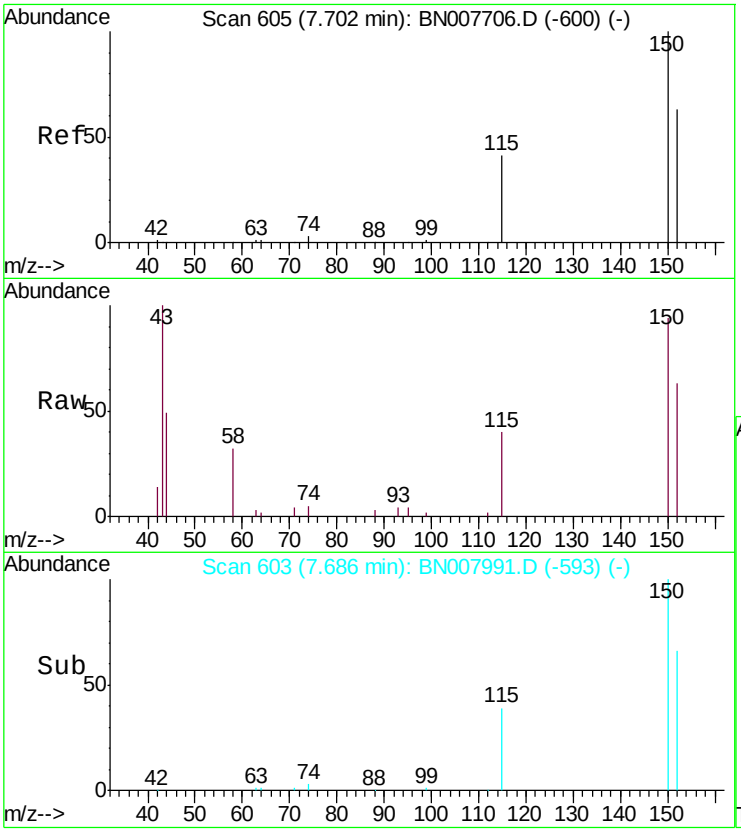


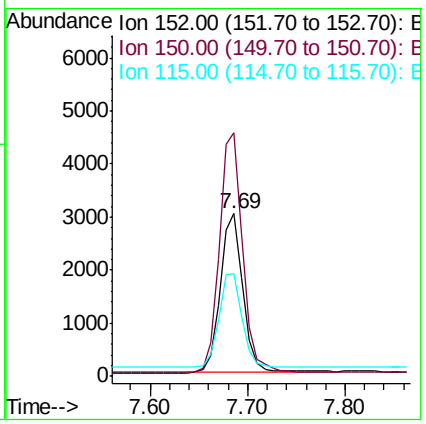


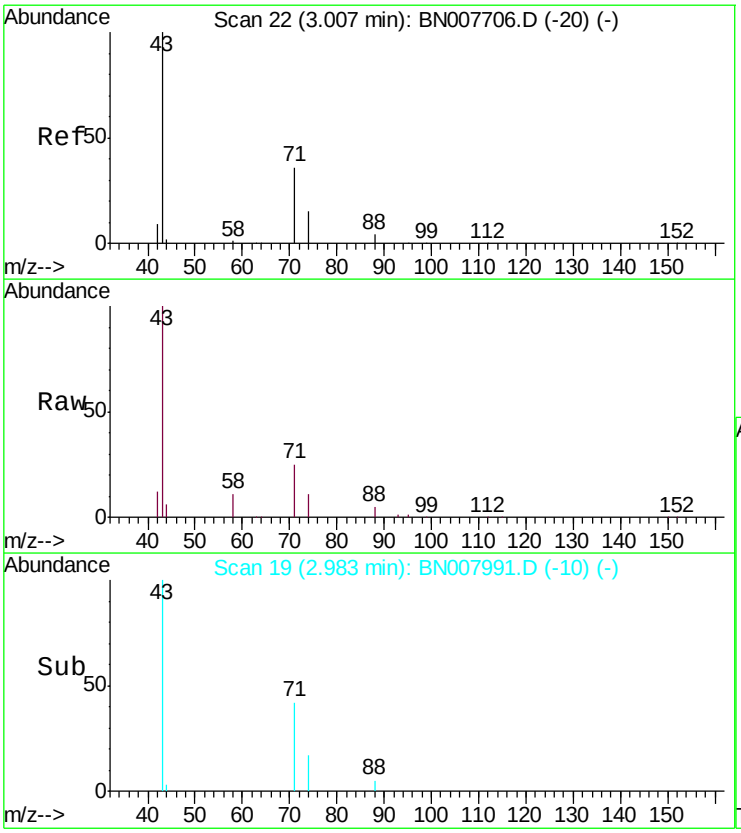
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:152 Resp: 4804

Ion	Ratio	Lower	Upper
152	100		
150	149.8	125.6	188.4
115	63.6	53.3	79.9

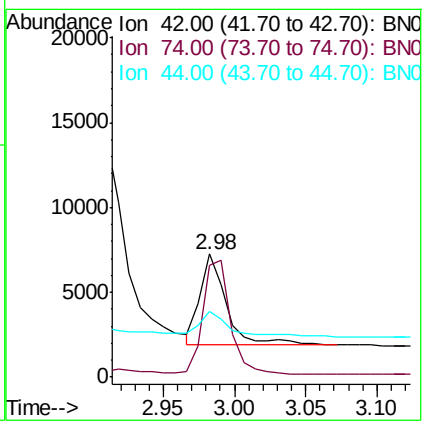


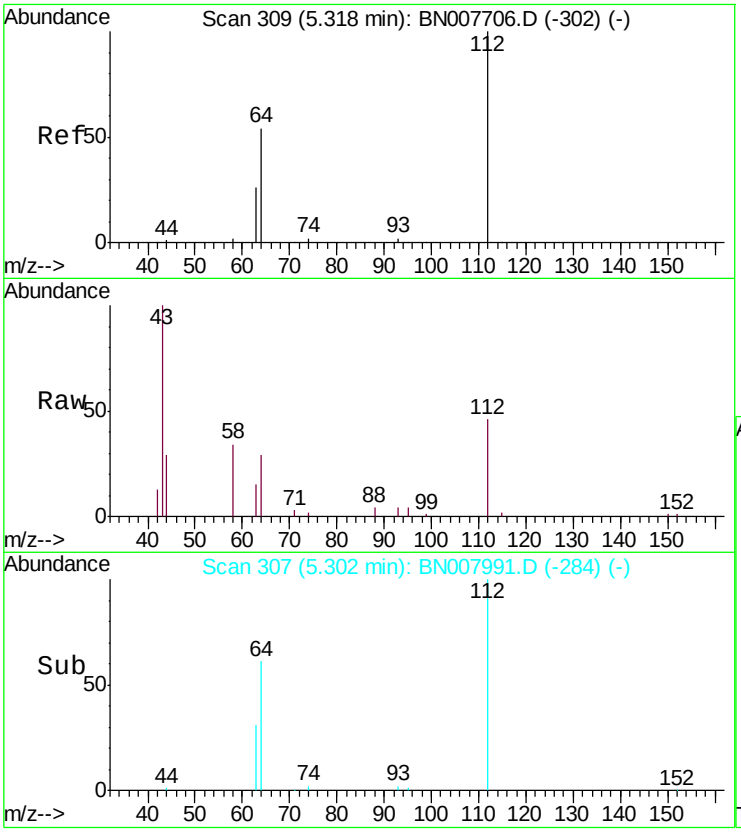


#3
n-Nitrosodimethylamine
Concen: 2.756 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion: 42 Resp: 6760

Ion	Ratio	Lower	Upper
42	100		
74	133.3	87.9	131.9#
44	31.3	29.4	44.0



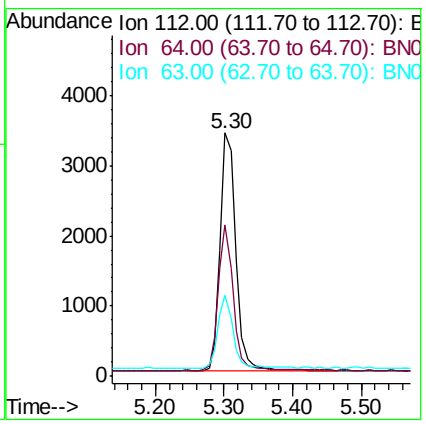


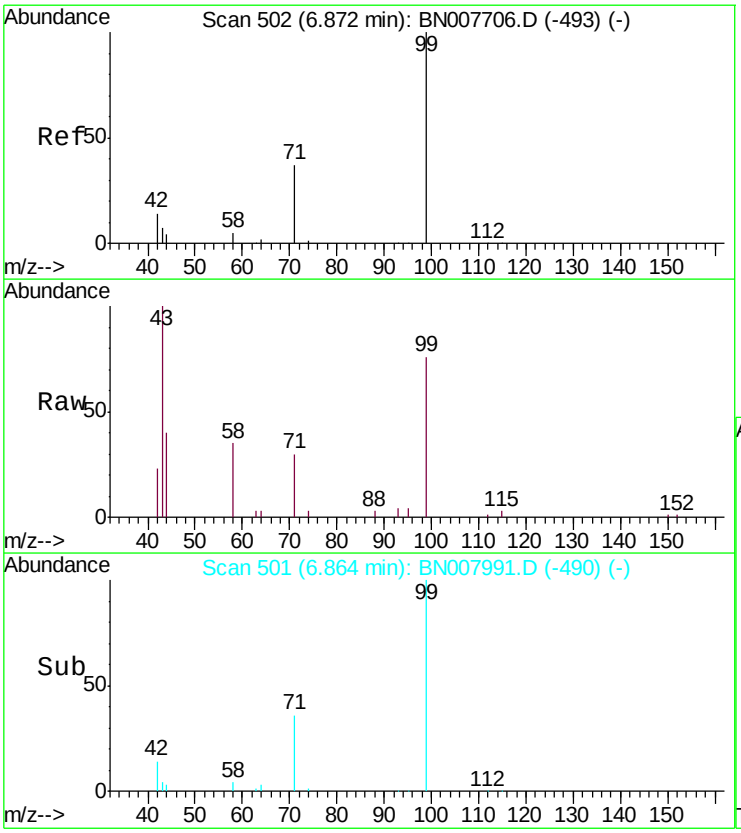
#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:112 Resp: 5479

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	70.0
63	29.1	23.1	34.7

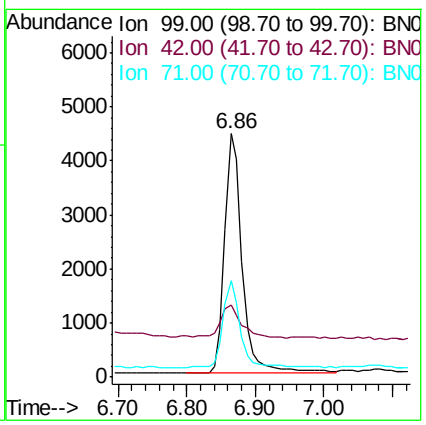


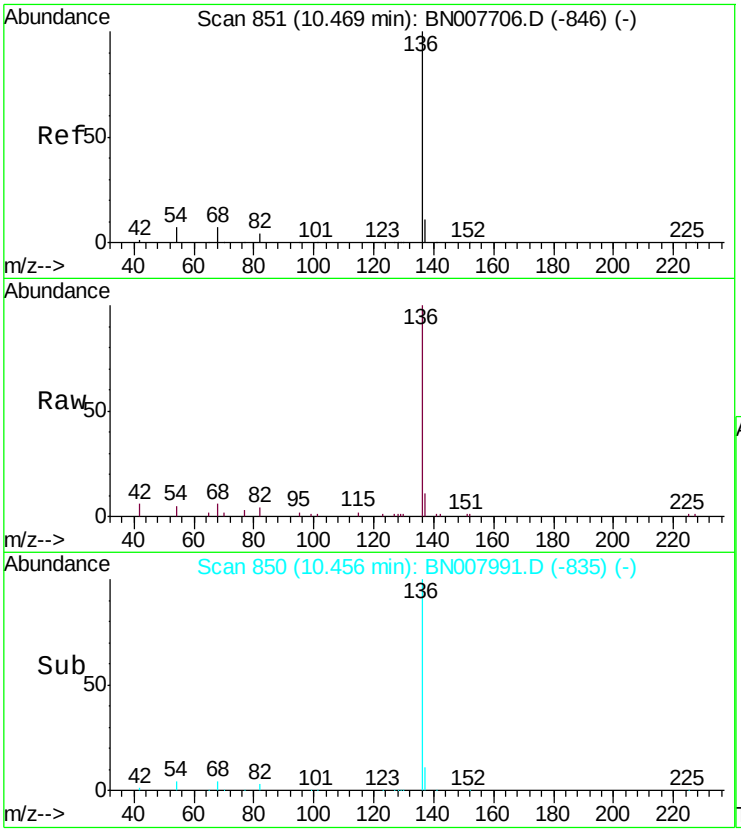


#5
Phenol-d6
Concen: 0.386 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion: 99 Resp: 7953

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	36.7	27.6	41.4



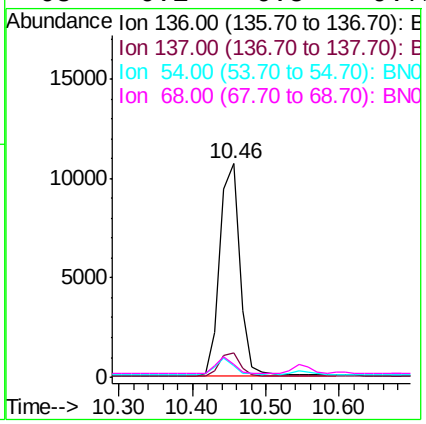


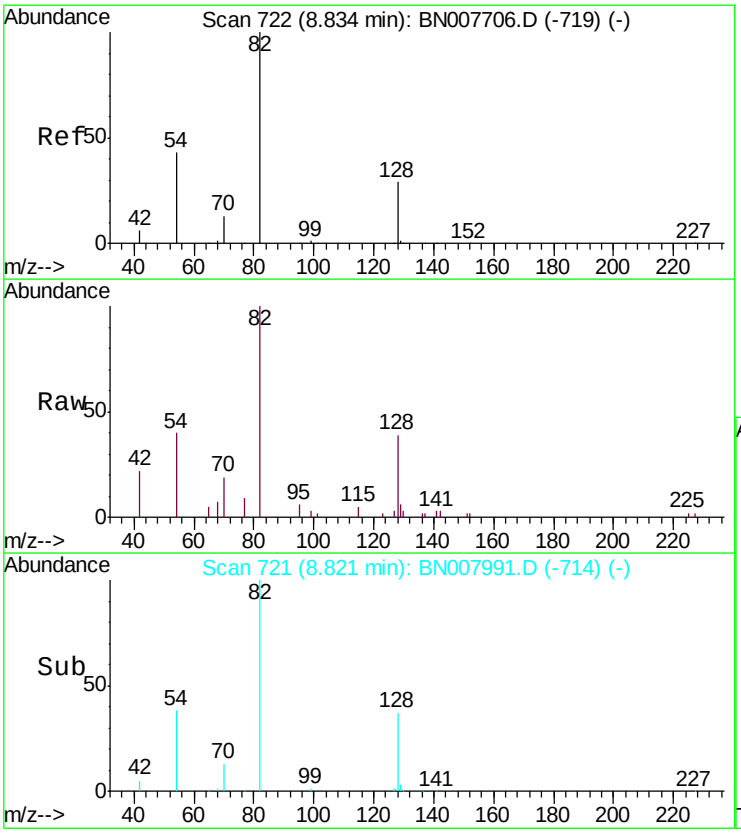
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:136 Resp: 20377

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	5.1	5.8	8.8#
68	6.1	6.5	9.7#

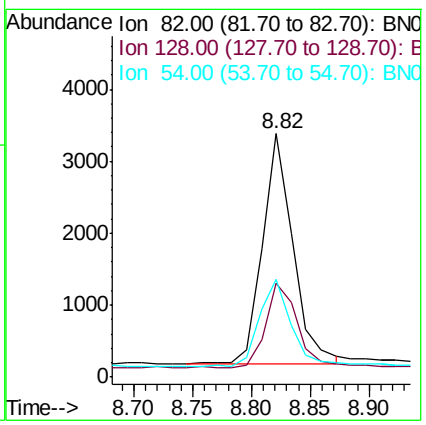


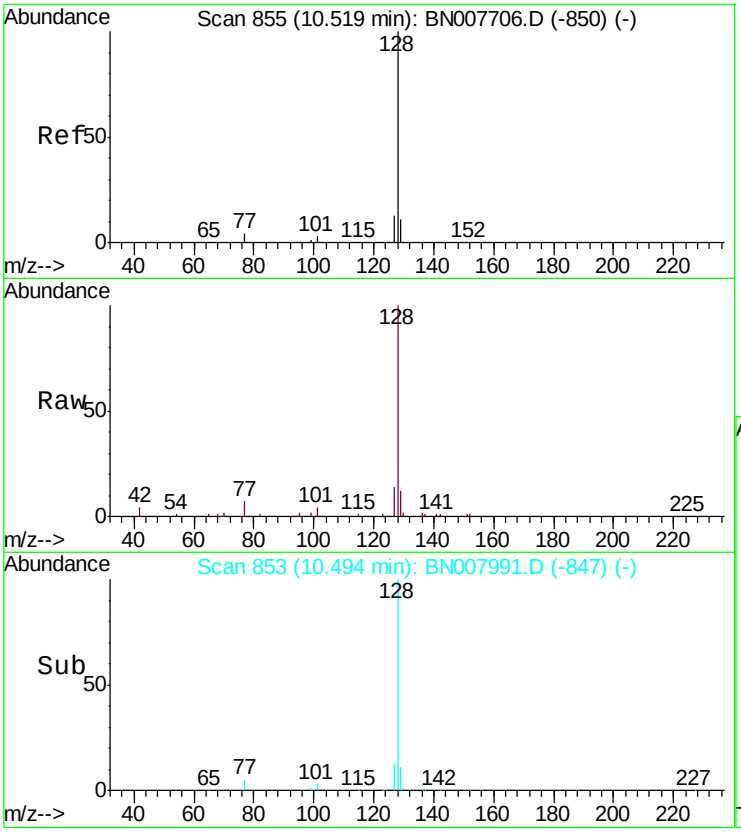


#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion: 82 Resp: 5799

Ion	Ratio	Lower	Upper
82	100		
128	38.7	24.5	36.7#
54	40.1	35.2	52.8



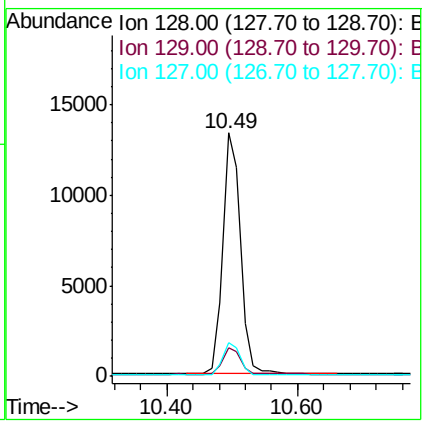


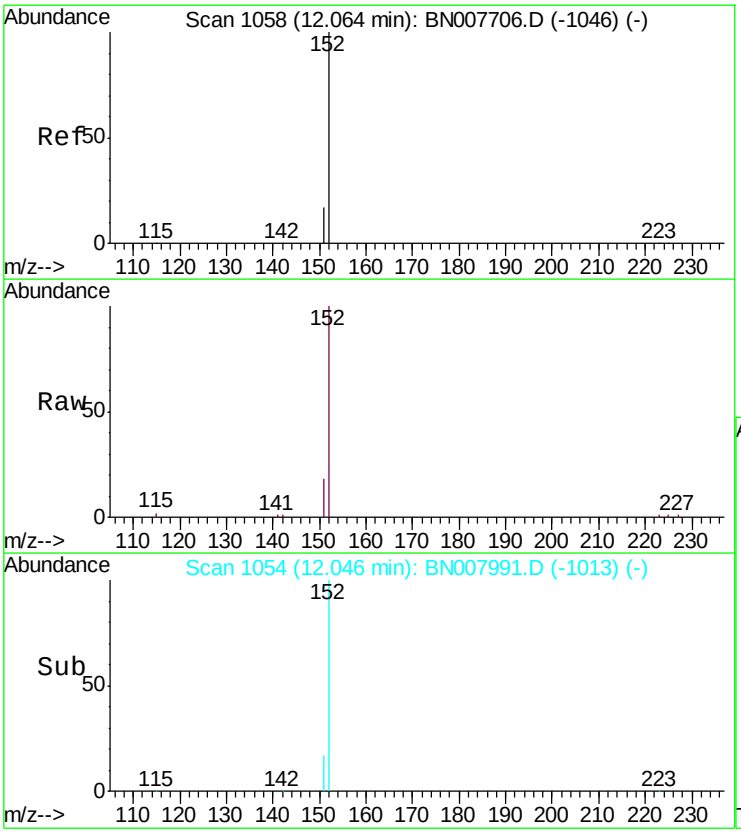
#9
Naphthalene
Concen: 0.436 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:128 Resp: 24956

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.9	10.6	15.8

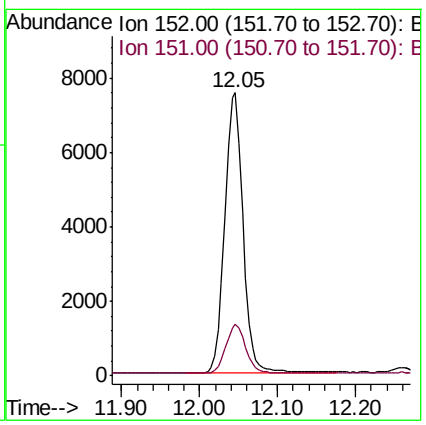


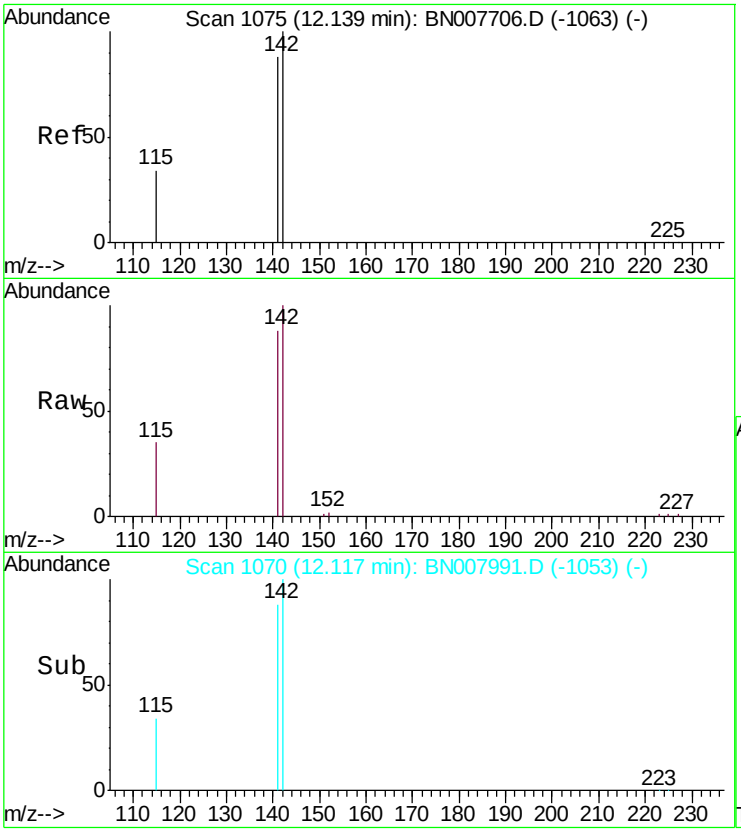


#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:152 Resp: 12230

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2



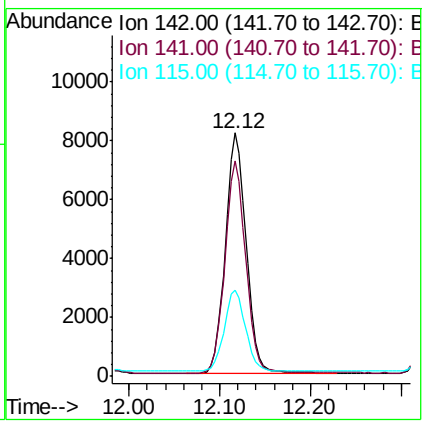


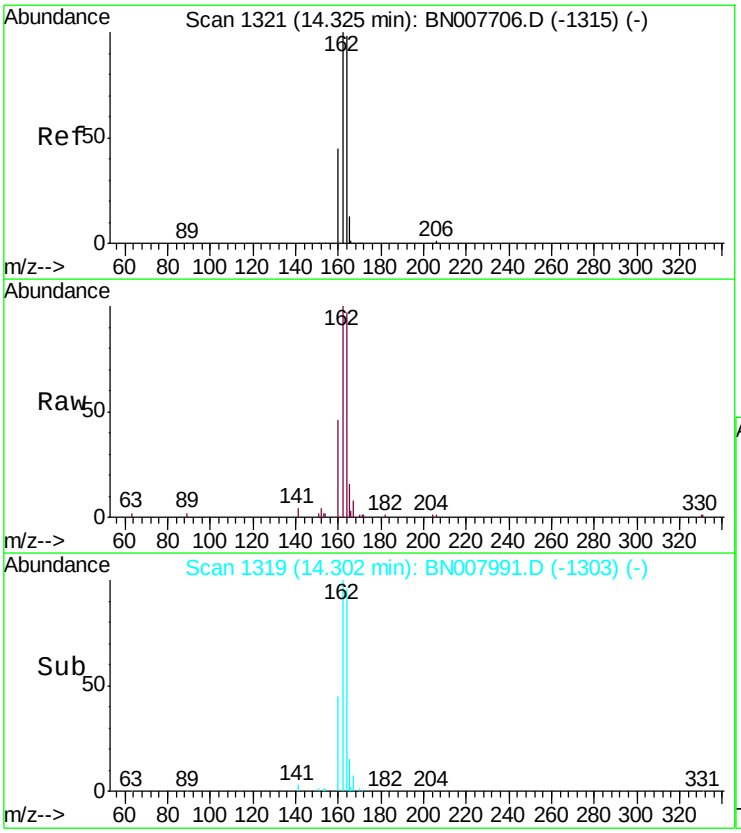
#12
2-Methylnaphthalene
Concen: 0.339 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:142 Resp: 13092

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0
115	35.4	28.3	42.5

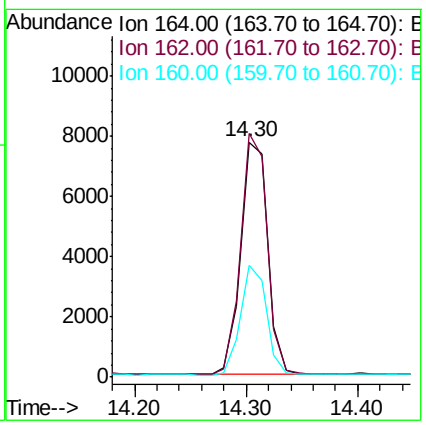


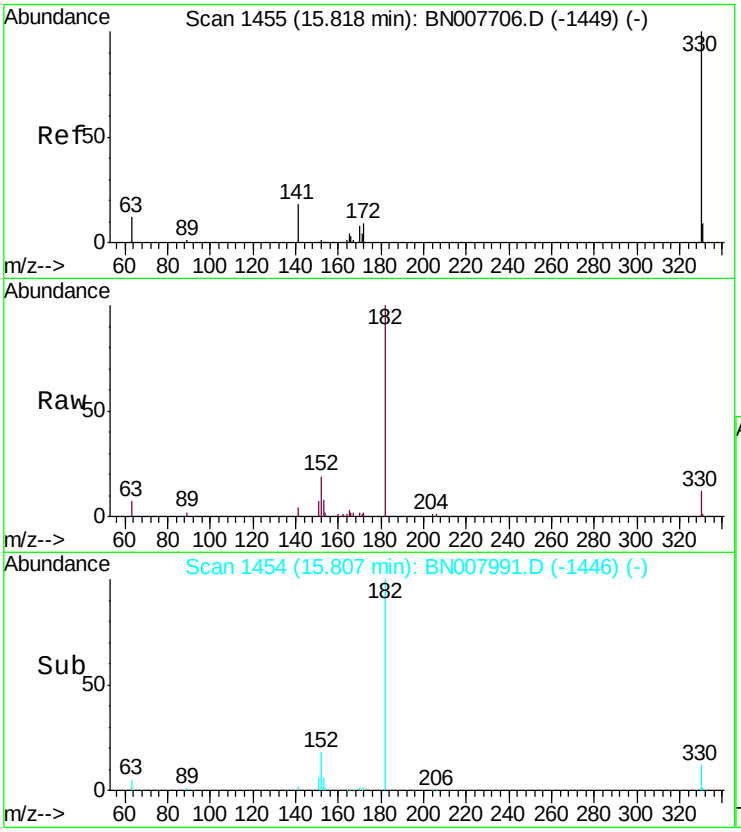


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:164 Resp: 12982

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.7	122.5
160	47.4	37.0	55.4



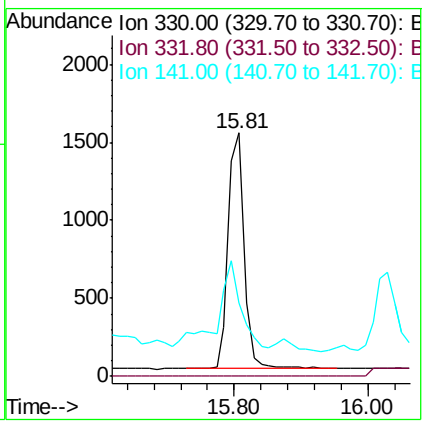


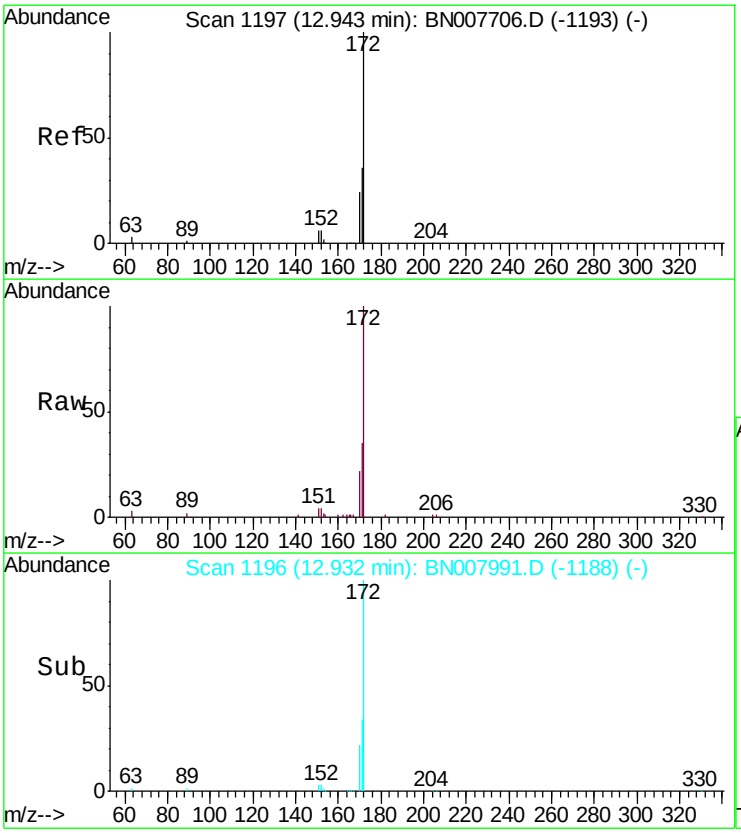
#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:330 Resp: 2518

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.3	28.7	43.1#

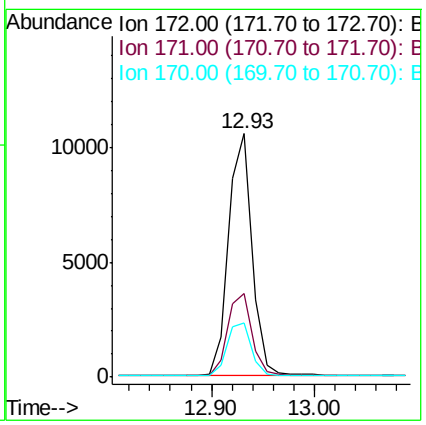


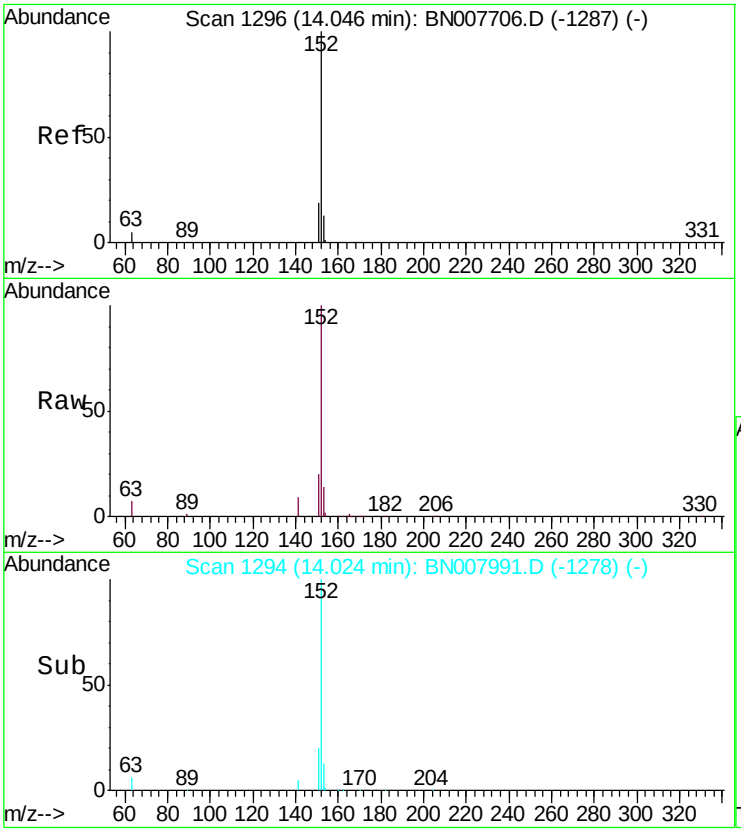


#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:172 Resp: 16748

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.8	43.2
170	22.4	19.5	29.3



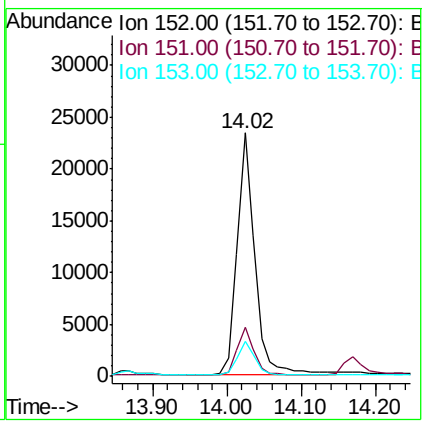


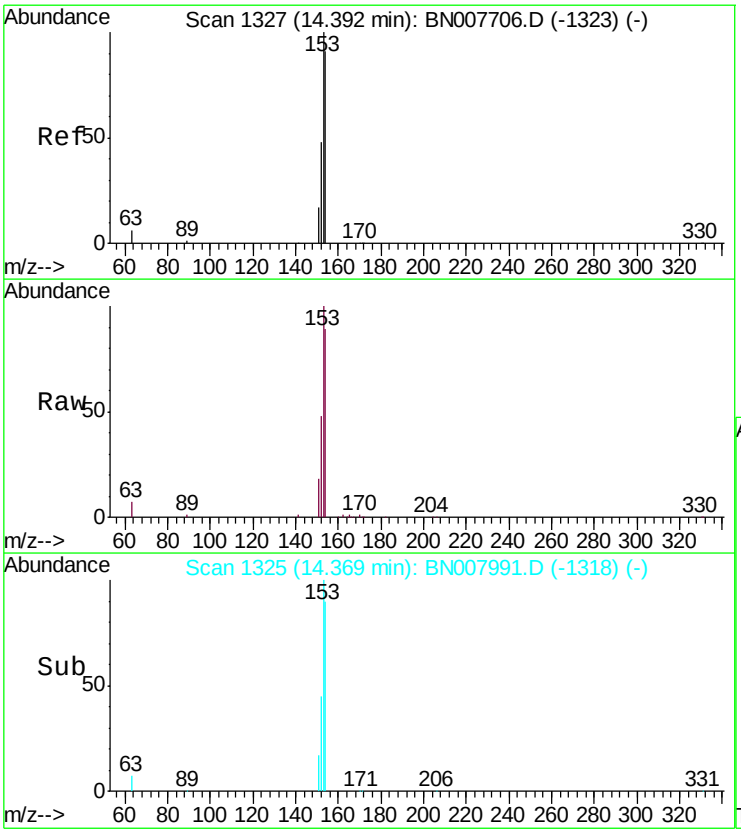
#16
Acenaphthylene
Concen: 0.564 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:152 Resp: 38859

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	14.1	10.4	15.6

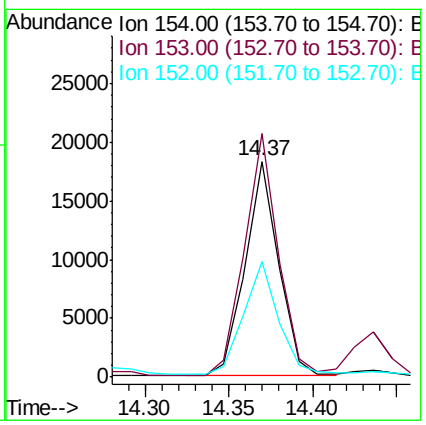


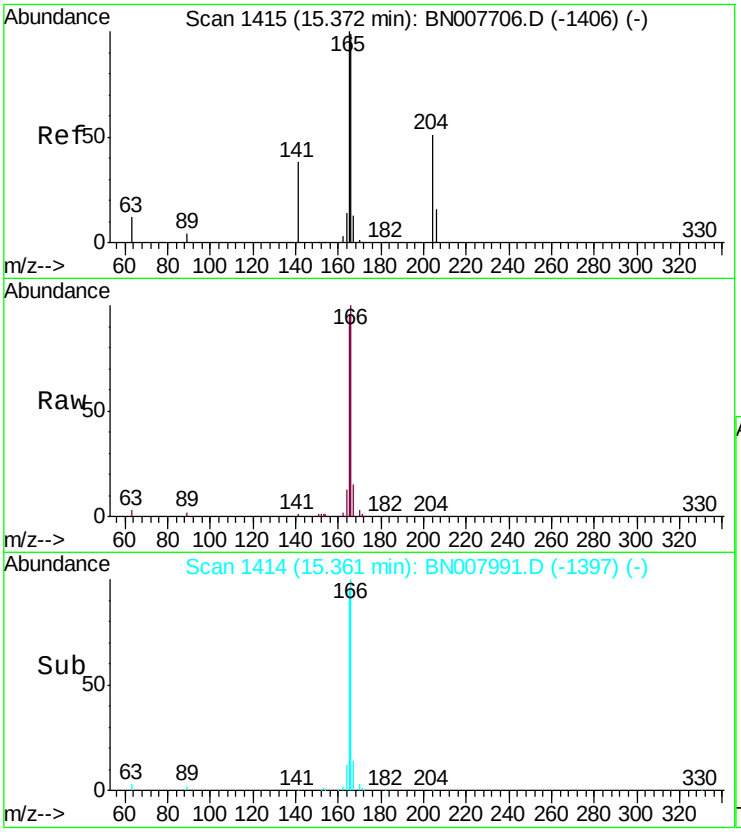


#17
Acenaphthene
Concen: 0.574 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:154 Resp: 25496

Ion	Ratio	Lower	Upper
154	100		
153	113.4	87.0	130.4
152	54.5	42.7	64.1



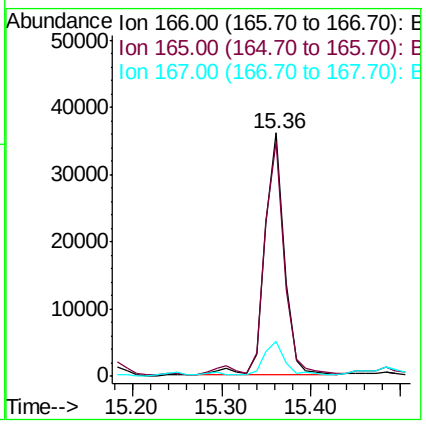


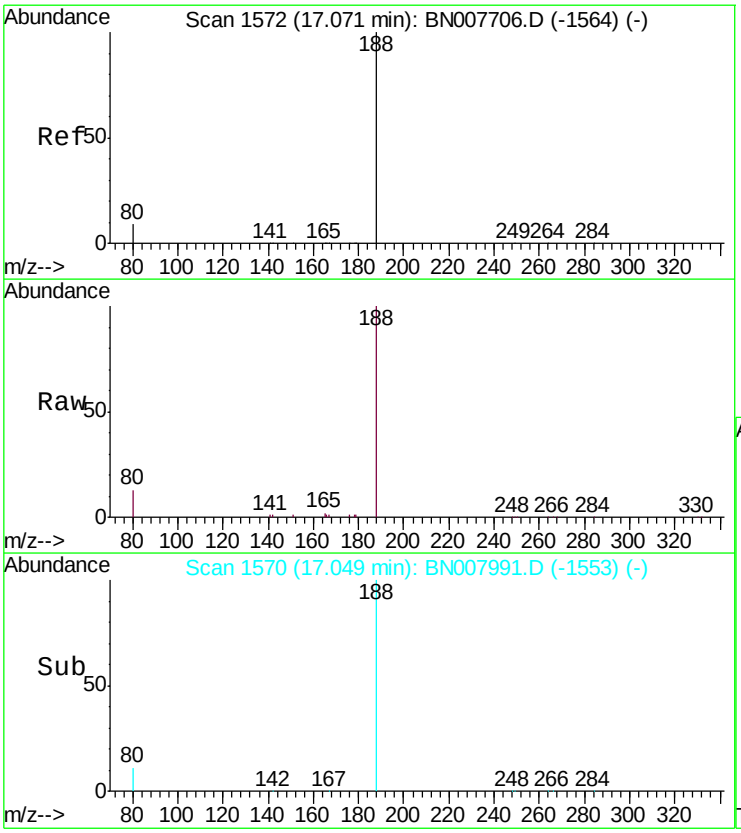
#18
Fluorene
Concen: 0.960 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:166 Resp: 54610

Ion	Ratio	Lower	Upper
166	100		
165	93.7	78.0	117.0
167	14.8	10.9	16.3

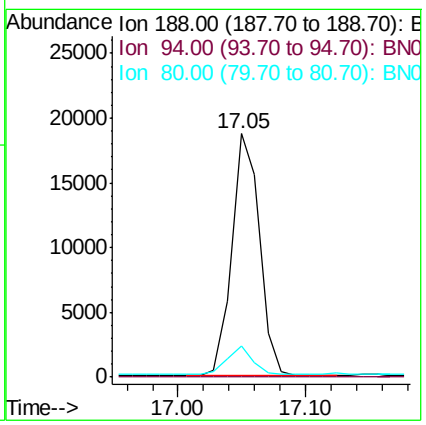


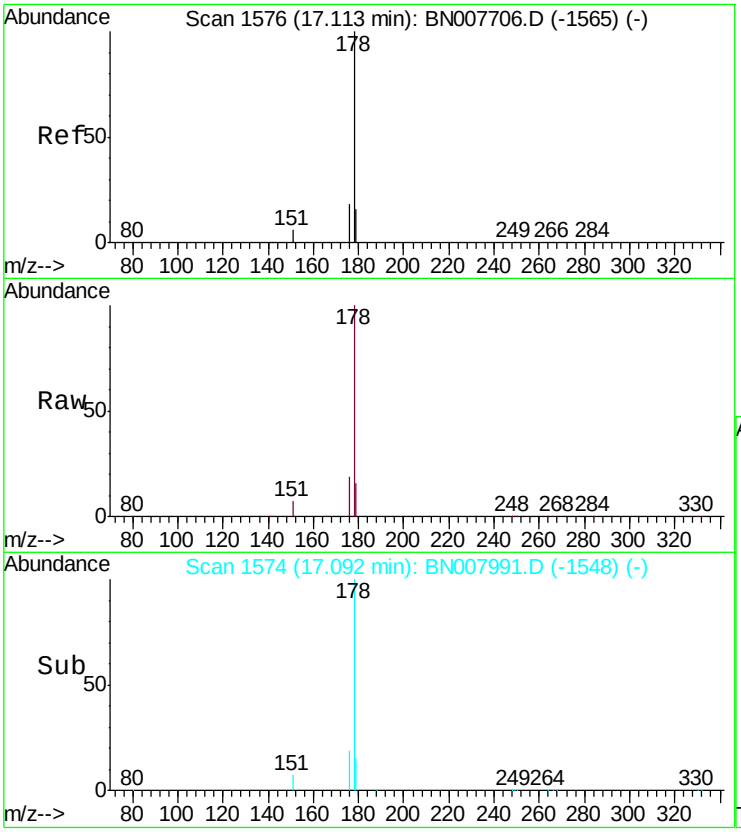


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:188 Resp: 28283

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	7.4	11.2#



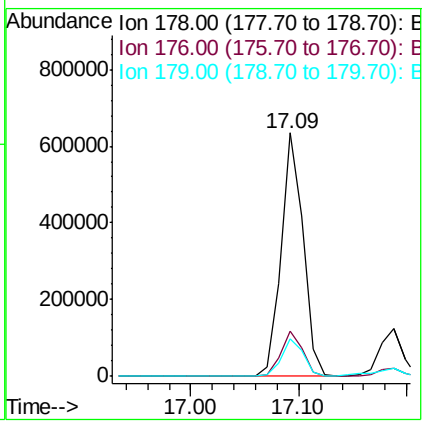


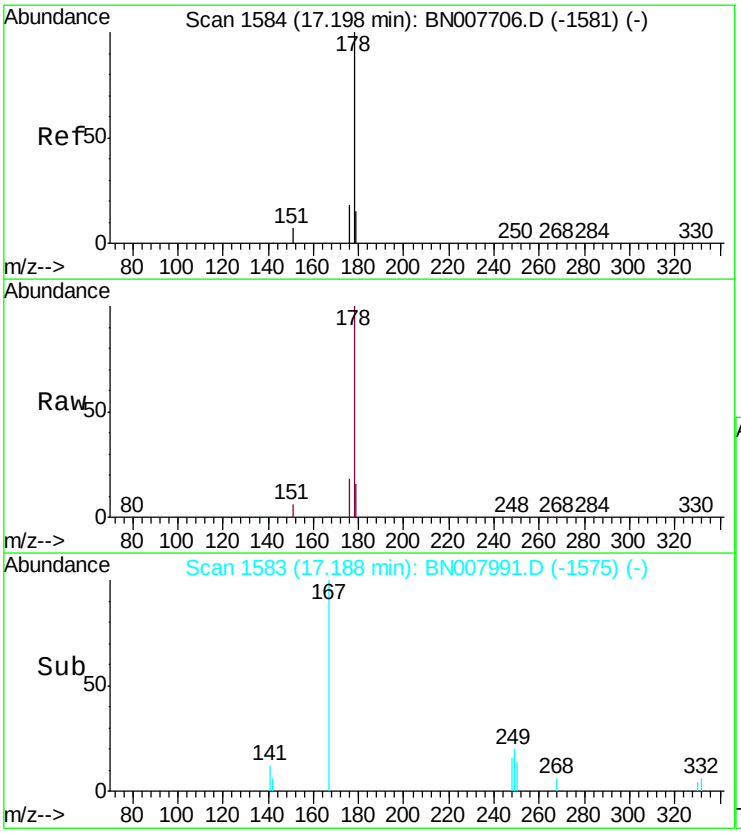
#23
Phenanthrene
Concen: 10.091 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:178 Resp: 889087

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.6	12.5	18.7

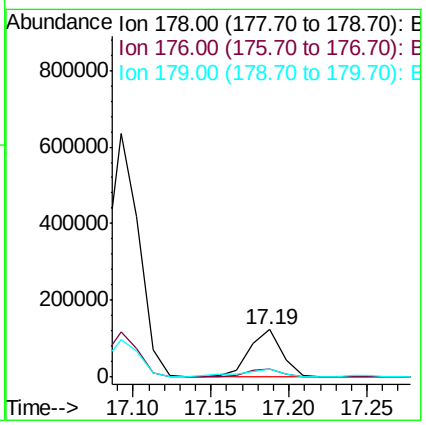


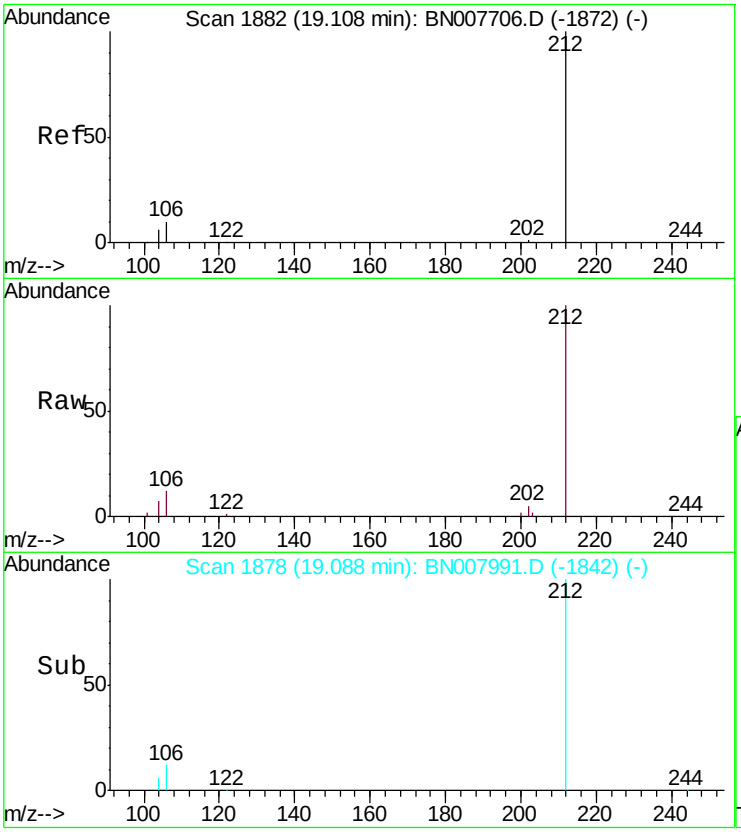


#24
Anthracene
Concen: 2.201 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:178 Resp: 175131

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	21.3	12.2	18.4#



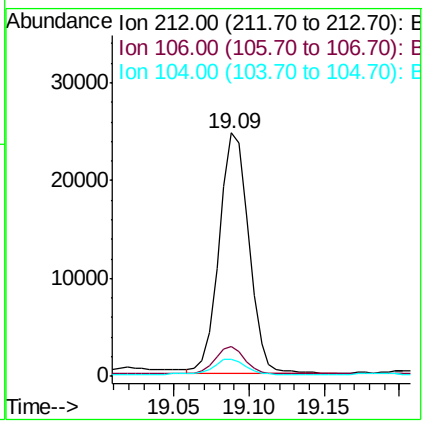


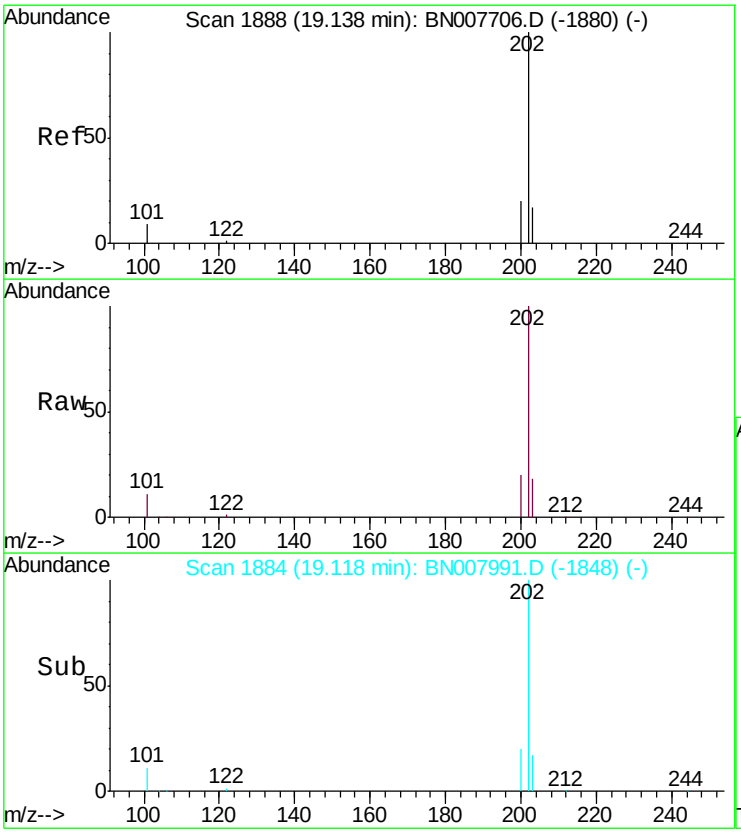
#25
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.09 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:212 Resp: 33517

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.4	14.0
104	6.7	5.3	7.9

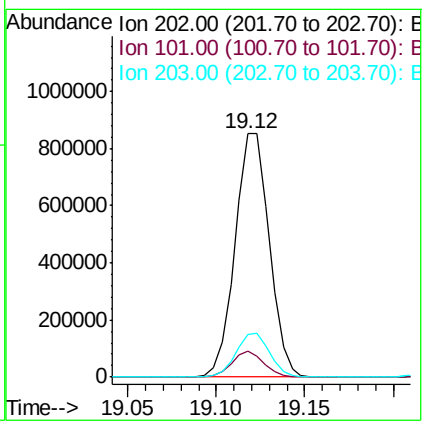


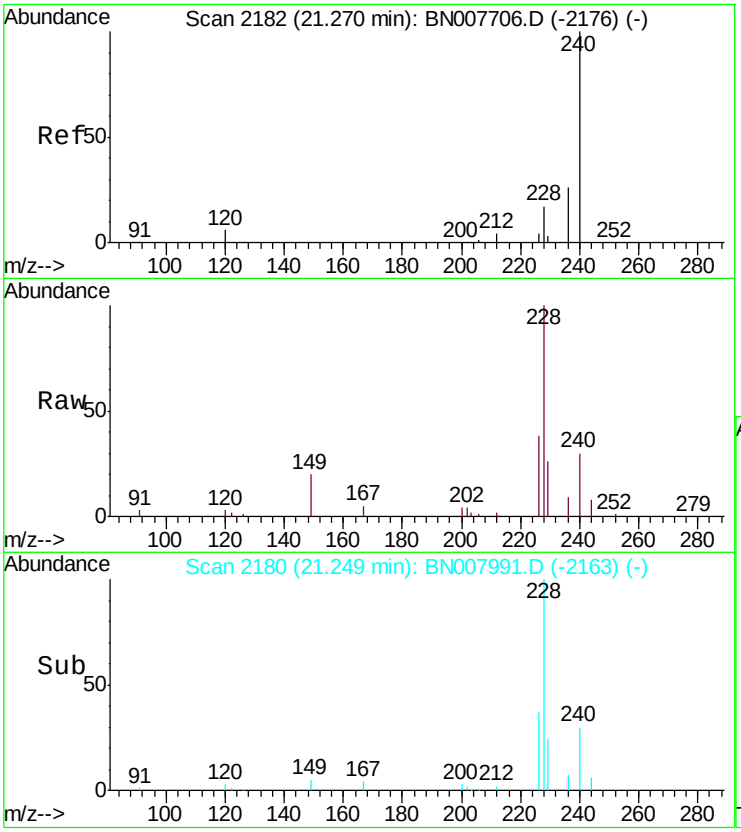


#26
Fluoranthene
Concen: 10.453 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:202 Resp: 1145144

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.7	13.8	20.8



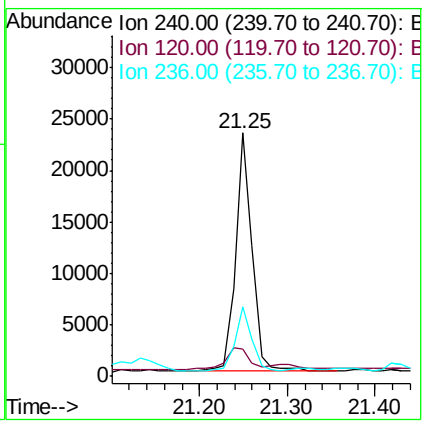


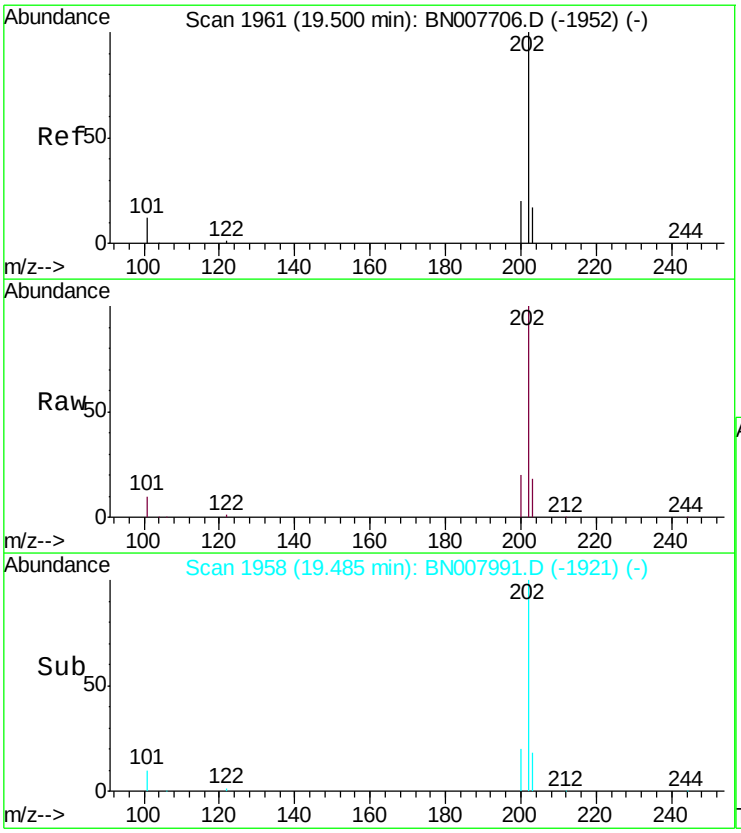
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:240 Resp: 30125

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.4	8.2#
236	28.3	21.0	31.4

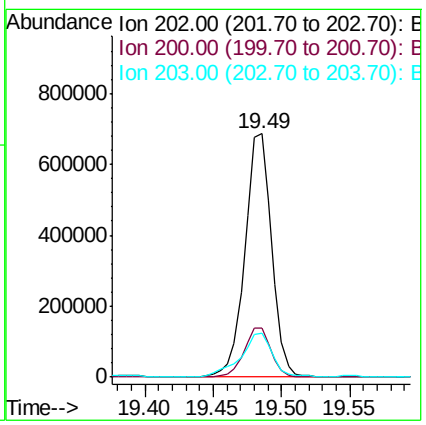


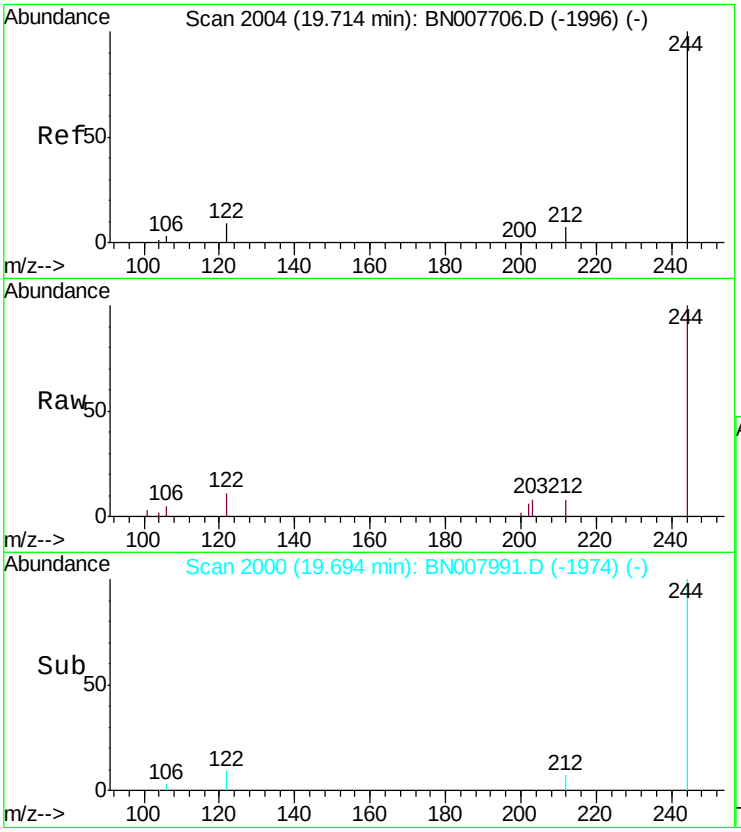


#28
Pyrene
Concen: 9.069 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:202 Resp: 931806

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.4	14.1	21.1#



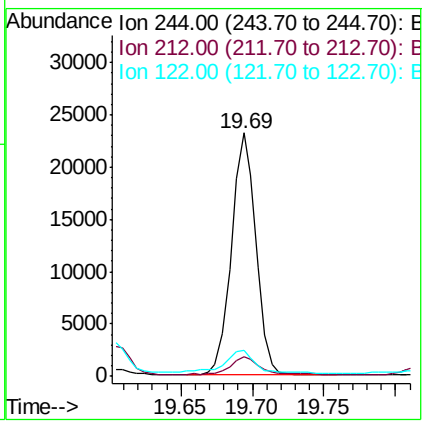


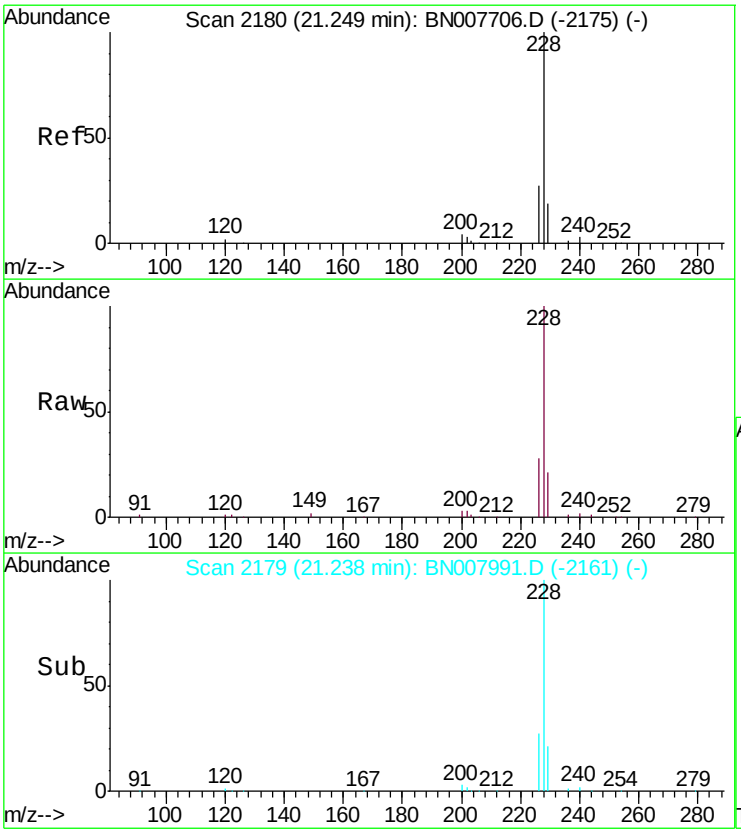
#29
Terphenyl-d14
Concen: 0.370 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:244 Resp: 27371

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.5	7.4	11.2

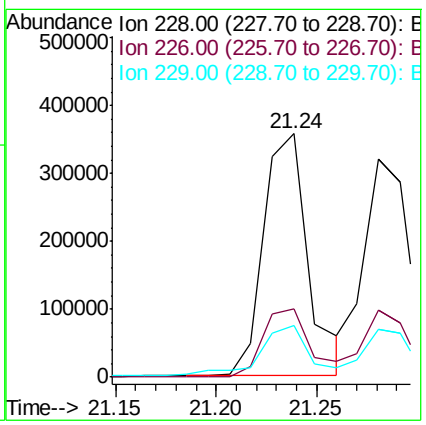


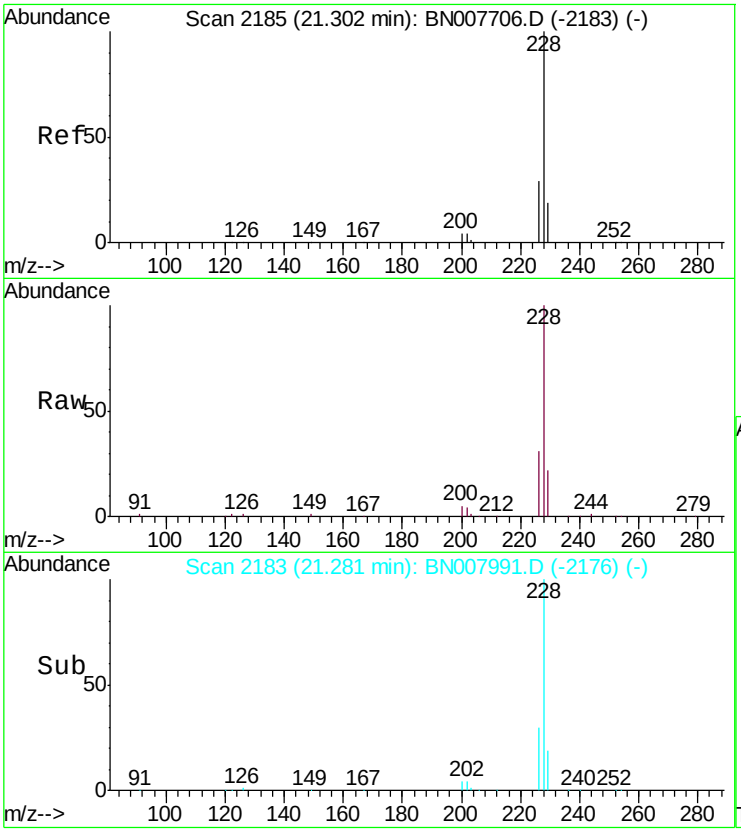


#30
Benzo(a)anthracene
Concen: 4.971 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:228 Resp: 551488

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	21.4	15.8	23.6



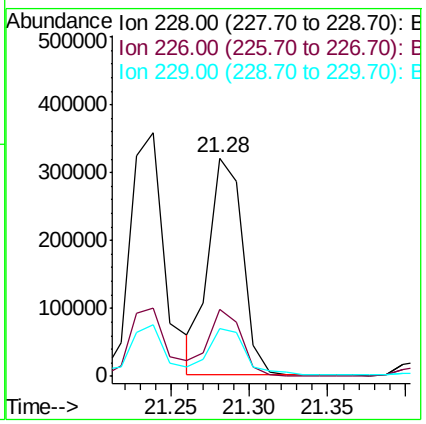


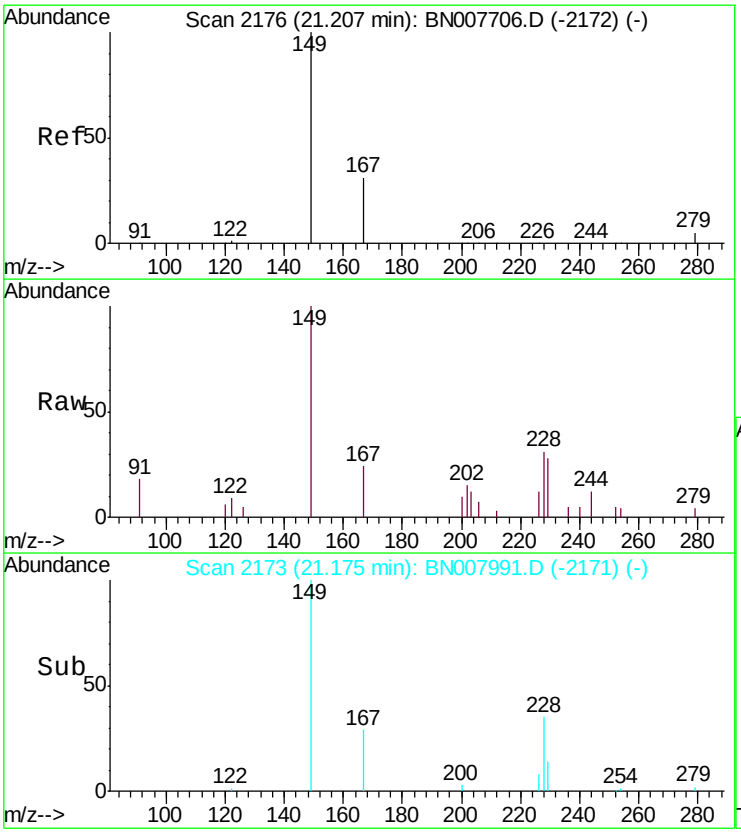
#31
Chrysene
Concen: 4.496 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:228 Resp: 486062

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	21.7	15.8	23.6

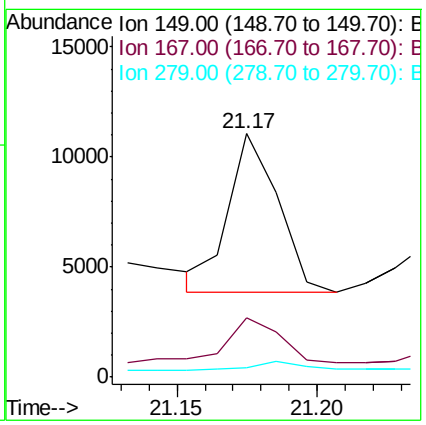


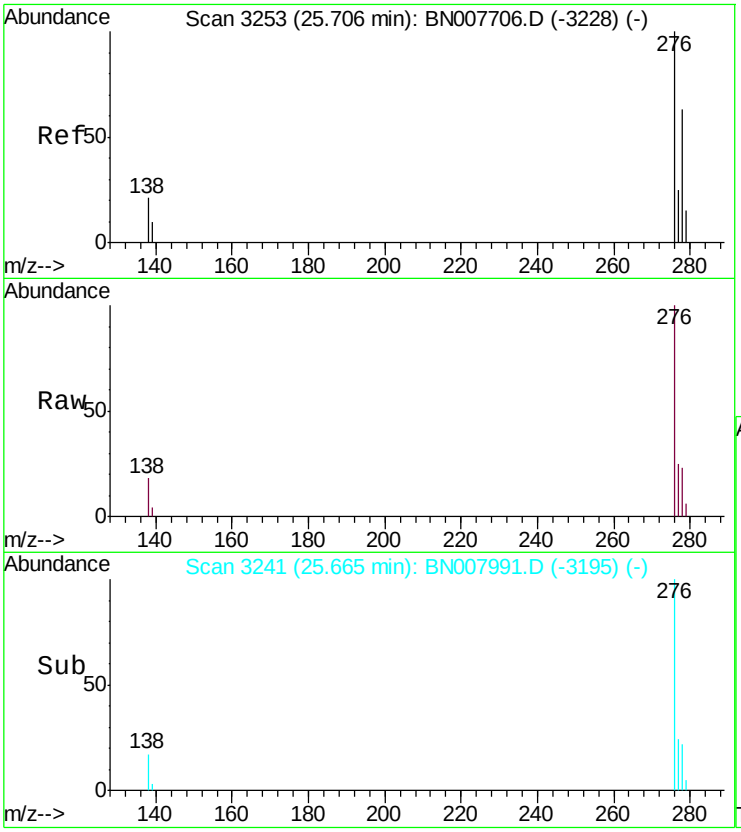


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:149 Resp: 8817

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.7	35.5
279	5.1	4.2	6.2



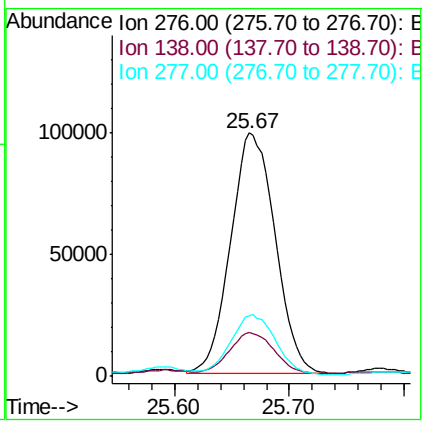


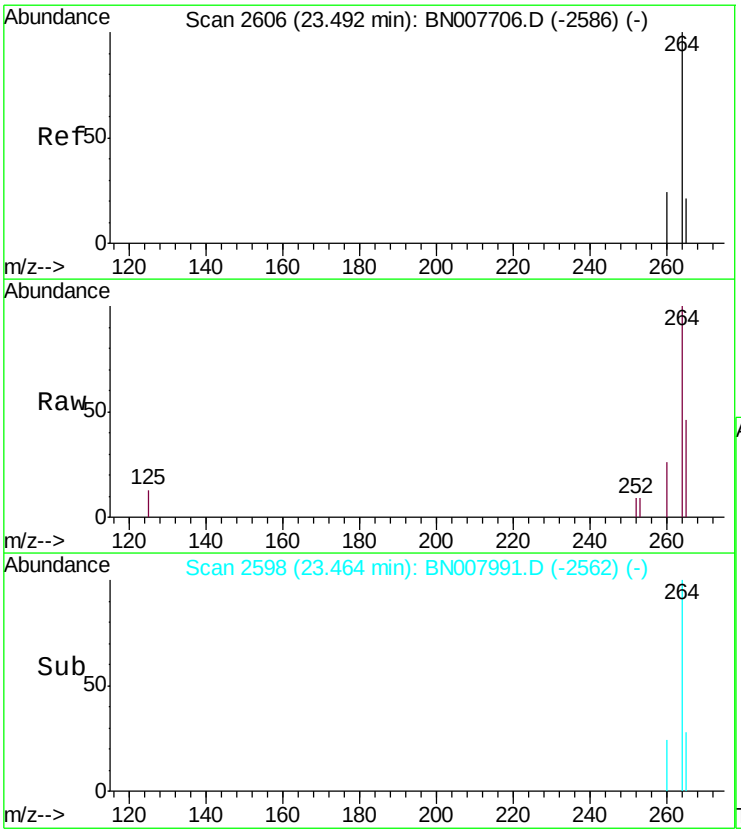
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.957 ng
RT: 25.67 min Scan# 3241
Delta R.T. -0.04 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:276 Resp: 264921

Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.1	25.7
277	24.9	20.0	30.0

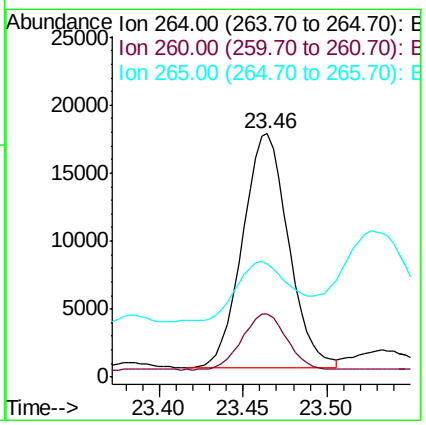


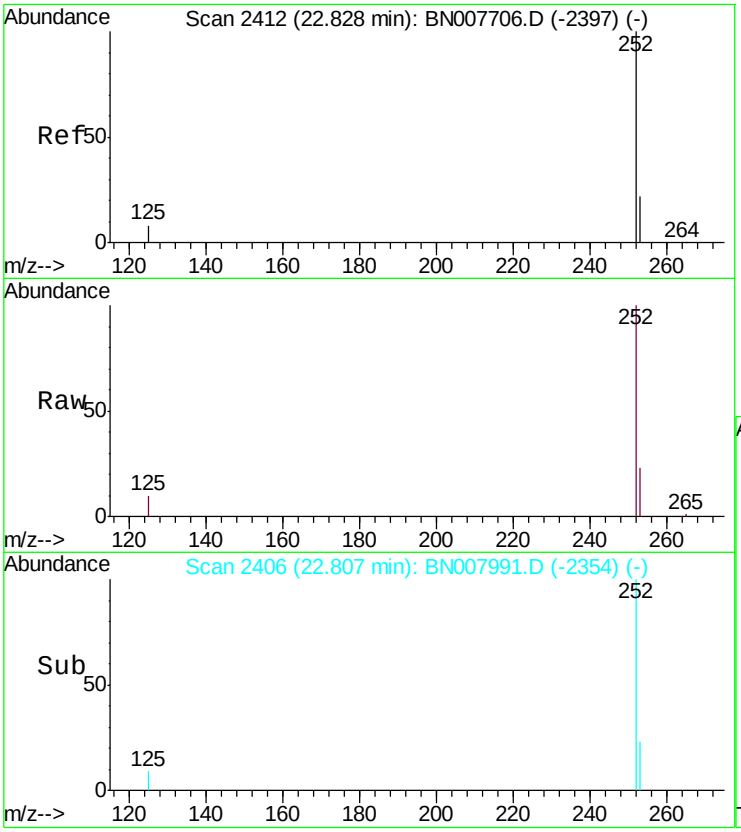


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:264 Resp: 32836

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.3	28.9
265	46.2	26.9	40.3#



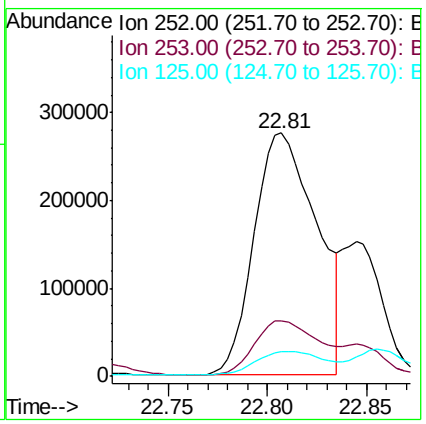


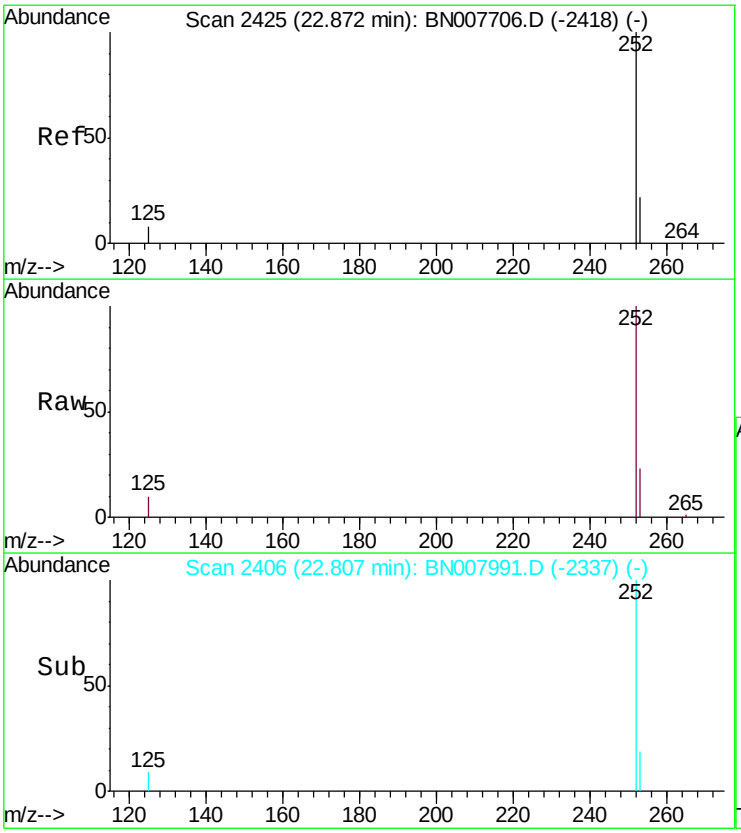
#35
Benzo(b)fluoranthene
Concen: 5.320 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:252 Resp: 606512

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	10.1	8.2	12.4

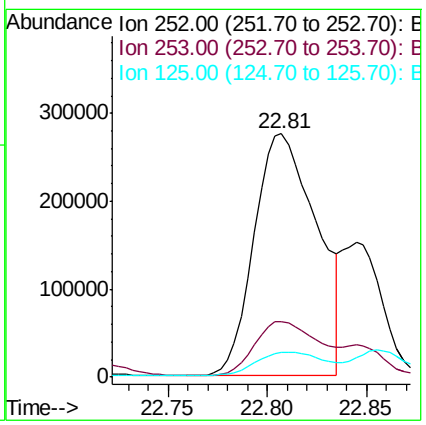


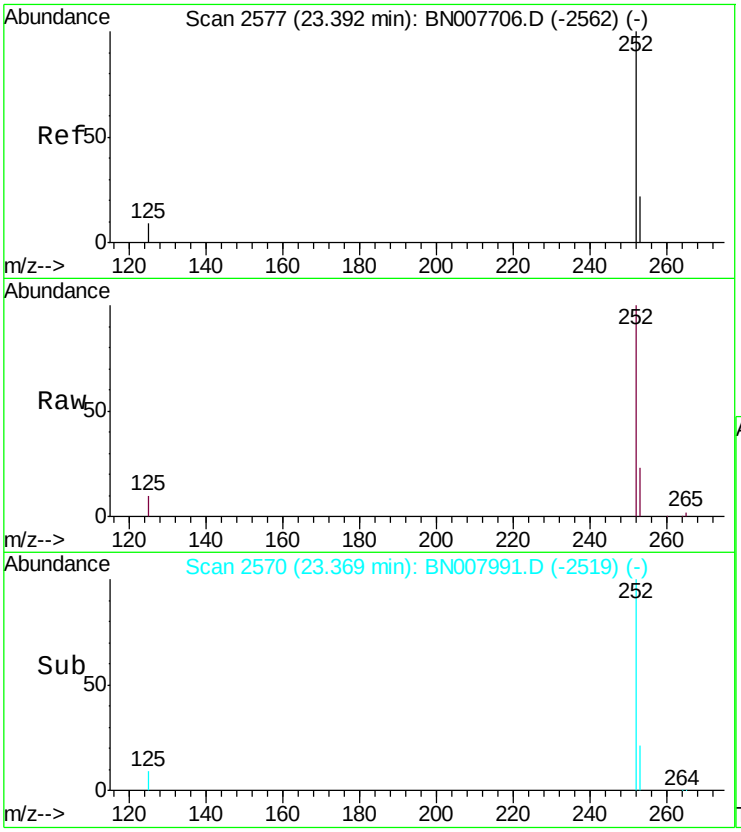


#36
Benzo(k)fluoranthene
Concen: 5.381 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.07 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:252 Resp: 606512

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	10.1	8.4	12.6



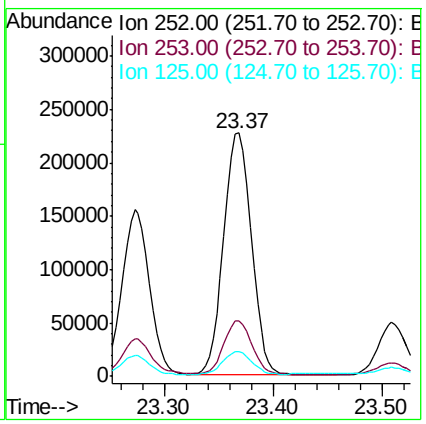


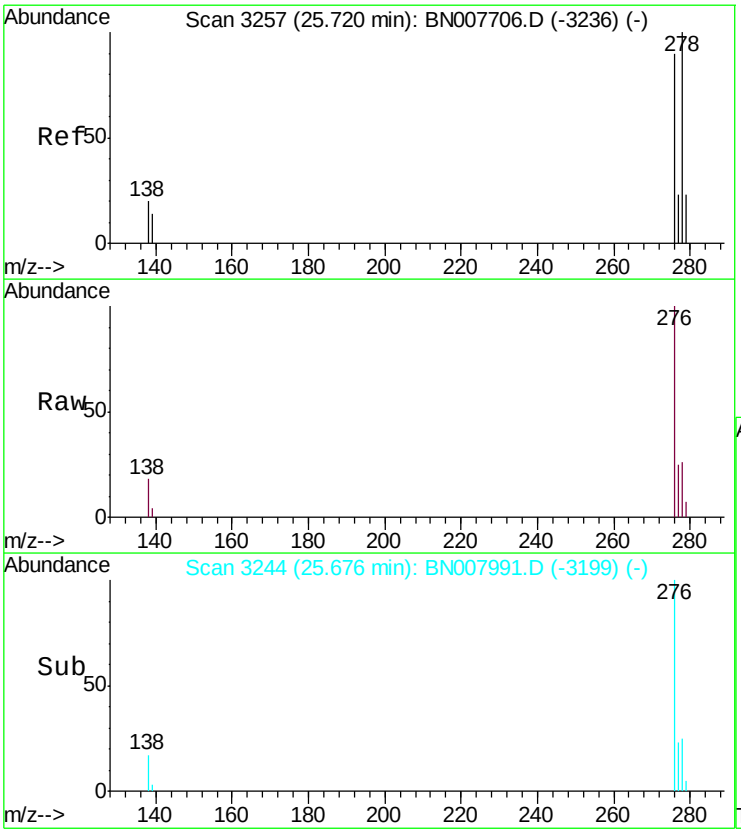
#37
Benzo(a)pyrene
Concen: 3.735 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:252 Resp: 400144

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	10.2	9.4	14.0

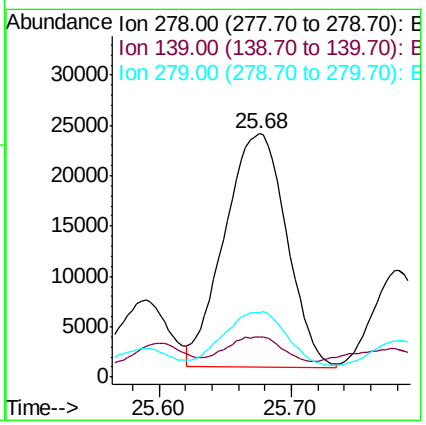


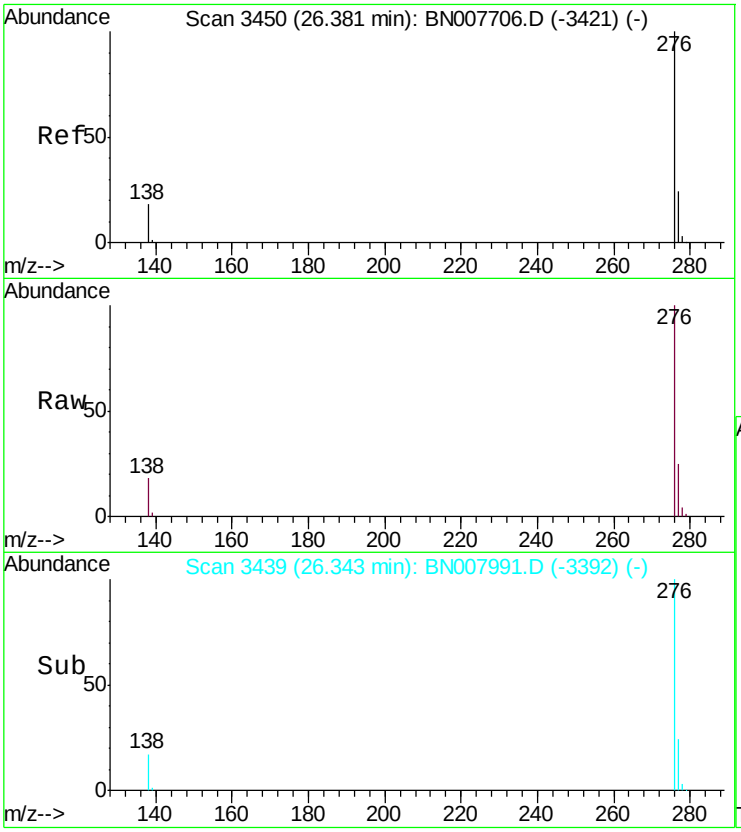


#38
Dibenzo(a,h)anthracene
Concen: 0.688 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.04 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Tgt Ion:278 Resp: 75434

Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.8	17.6
279	26.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 2.200 ng
RT: 26.34 min Scan# 3439
Delta R.T. -0.04 min
Lab File: BN007991.D
Acq: 03 Oct 2019 21:35

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW075-092519

Tgt Ion:276 Resp: 238654

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	18.0	15.1	22.7