Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100319\
Data File : BN008001.D
Acq On : 04 Oct 2019 03:34
Operator : JU
Sample : K5077-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-B268-092519

Manual Integrations APPROVED
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10/7/2019 8:28:00 AM

Quant Time: Oct 04 08:56:58 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	4689	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	19549	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	12346	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	26811	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	28978	0.40	ng		-0.02
34) Perylene-d12	23.46	264	31452	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	4473	0.28	ng		0.00
5) Phenol-d6	6.87	99	6379	0.32	ng		0.00
8) Nitrobenzene-d5	8.82	82	4649	0.27	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	10131	0.31	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	1957	0.29	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	13808	0.27	ng		-0.01
25) Fluoranthene-d10	19.09	212	28379	0.31	ng		-0.01
29) Terphenyl-d14	19.69	244	22804	0.32	ng		-0.02
Target Compounds							Qvalue
16) Acenaphthylene	14.02	152	5443	0.083	ng		96
18) Fluorene	15.36	166	1097	0.020	ng	#	86
23) Phenanthrene	17.09	178	21879	0.262	ng		99
24) Anthracene	17.19	178	4395	0.058	ng		99
26) Fluoranthene	19.12	202	63735	0.614	ng		99
28) Pyrene	19.49	202	61484	0.622	ng		96
30) Benzo(a)anthracene	21.24	228	29312m	0.275	ng		
31) Chrysene	21.28	228	33860	0.326	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	6154	0.112	ng		95
33) Indeno(1,2,3-cd)pyrene	25.67	276	25556	0.196	ng		95
35) Benzo(b)fluoranthene	22.81	252	53644	0.491	ng	#	64
36) Benzo(k)fluoranthene	22.84	252	14596m	0.135	ng		
37) Benzo(a)pyrene	23.37	252	30858	0.301	ng	#	83
38) Dibenzo(a,h)anthracene	25.68	278	5982	0.057	ng	#	38
39) Benzo(g,h,i)perylene	26.35	276	25932	0.250	ng	#	90

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

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QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PST-024-B268-092519

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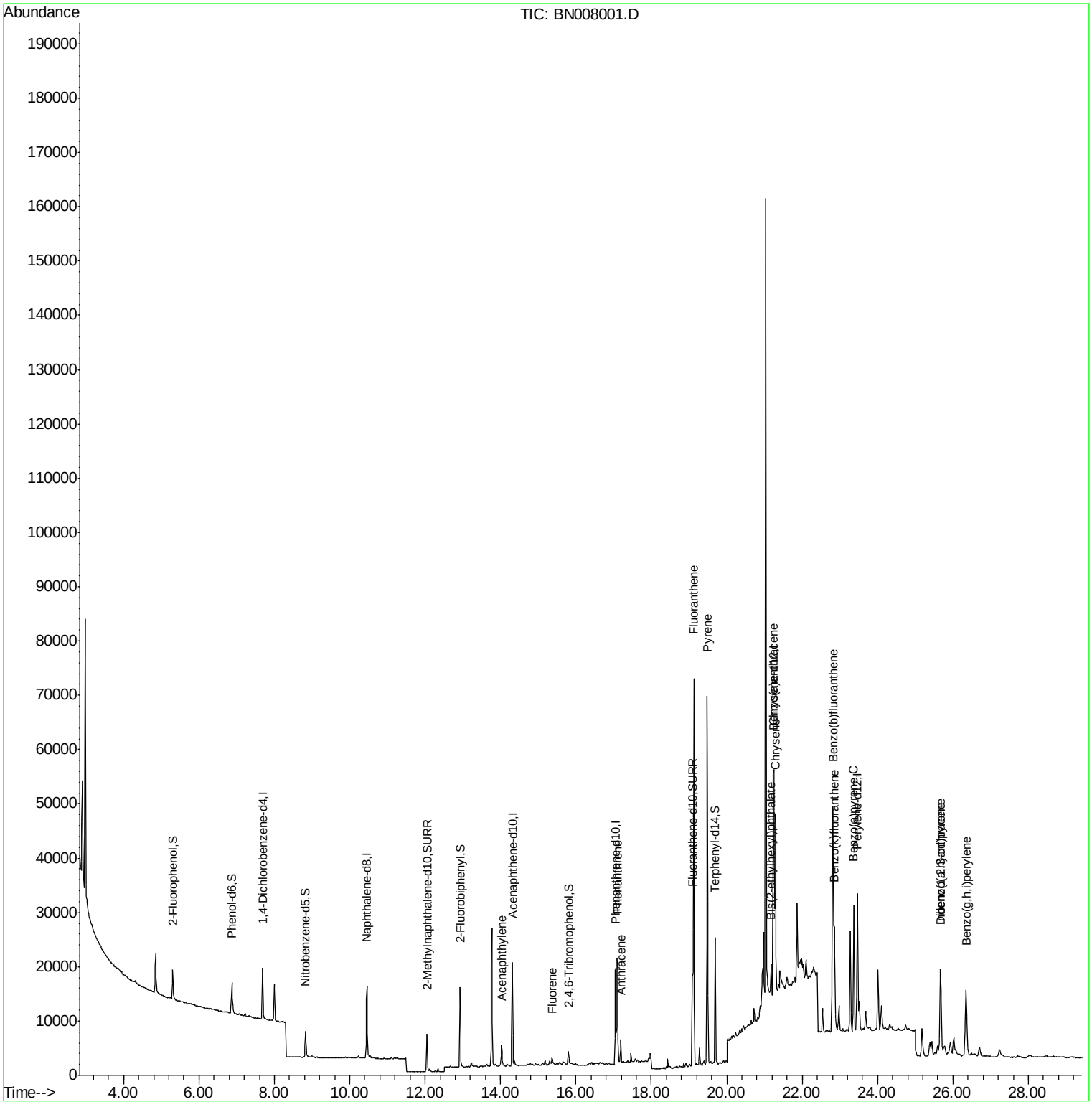
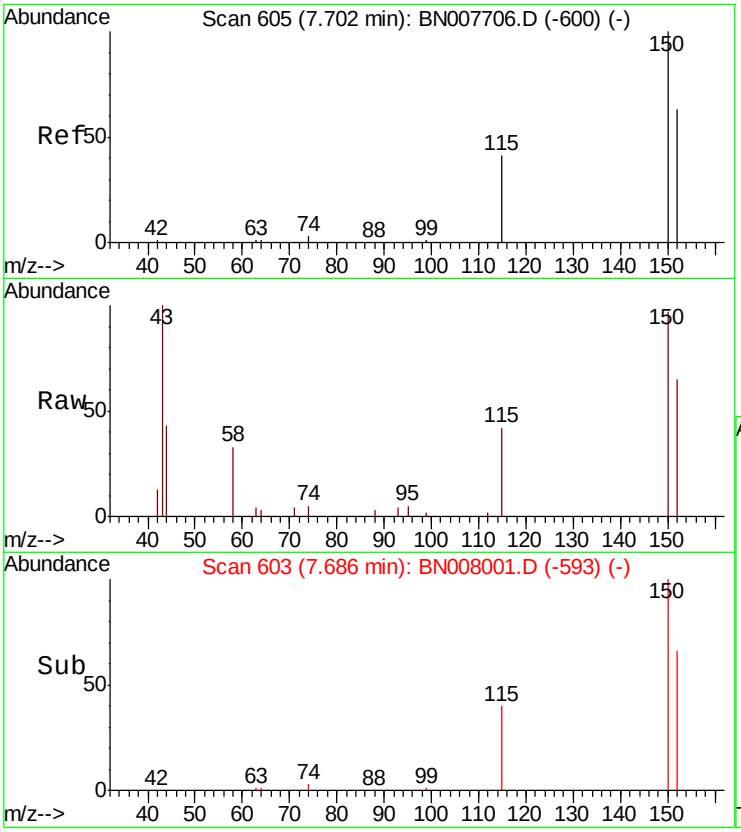
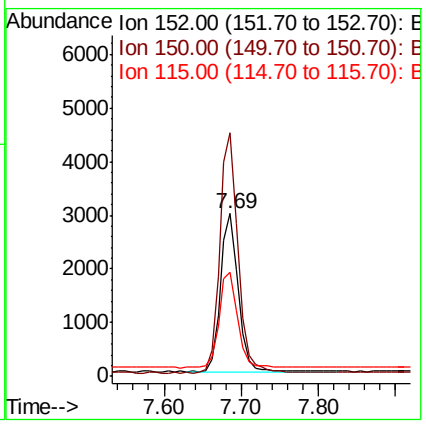




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:152 Resp: 4689

Ion	Ratio	Lower	Upper
152	100		
150	149.9	125.6	188.4
115	64.4	53.3	79.9



Instrument :
BNA_N
ClientSampleId :
PST-024-B268-092519

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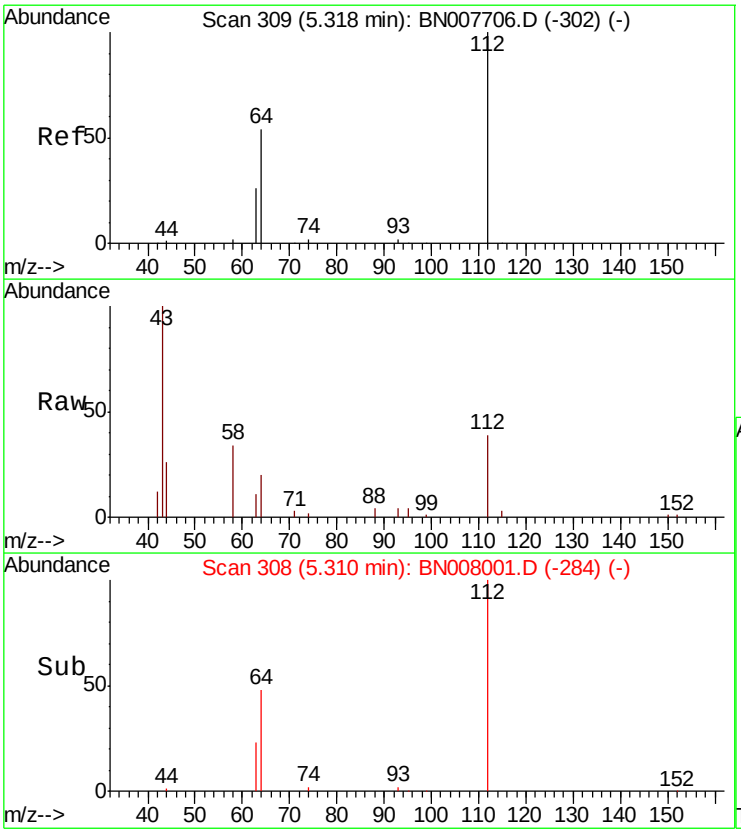
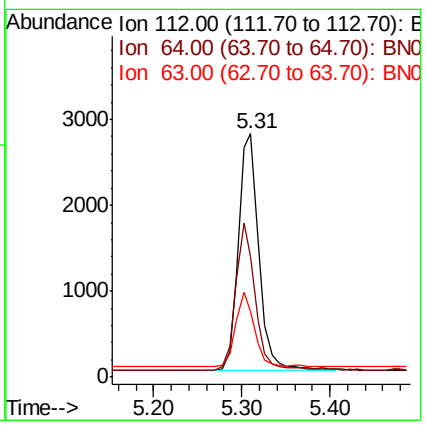
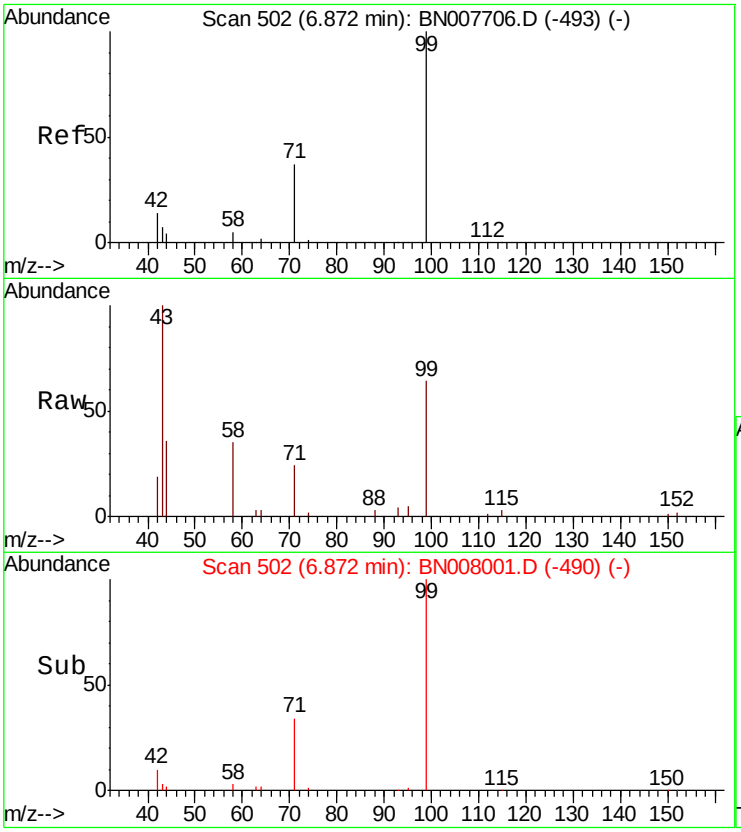


#4
2-Fluorophenol
Concen: 0.277 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:112 Resp: 4473

Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.6	70.0
63	28.9	23.1	34.7

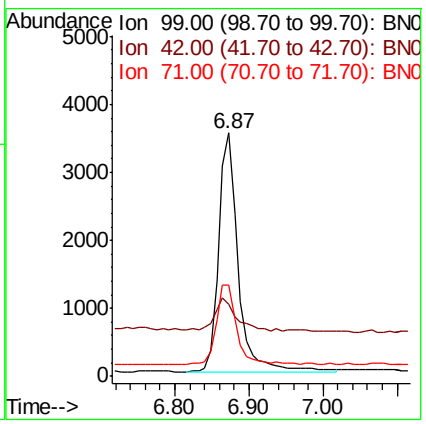




#5
Phenol-d6
Concen: 0.316 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion: 99 Resp: 6379

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	36.0	27.6	41.4



Instrument :
BNA_N
ClientSampleId :
PST-024-B268-092519

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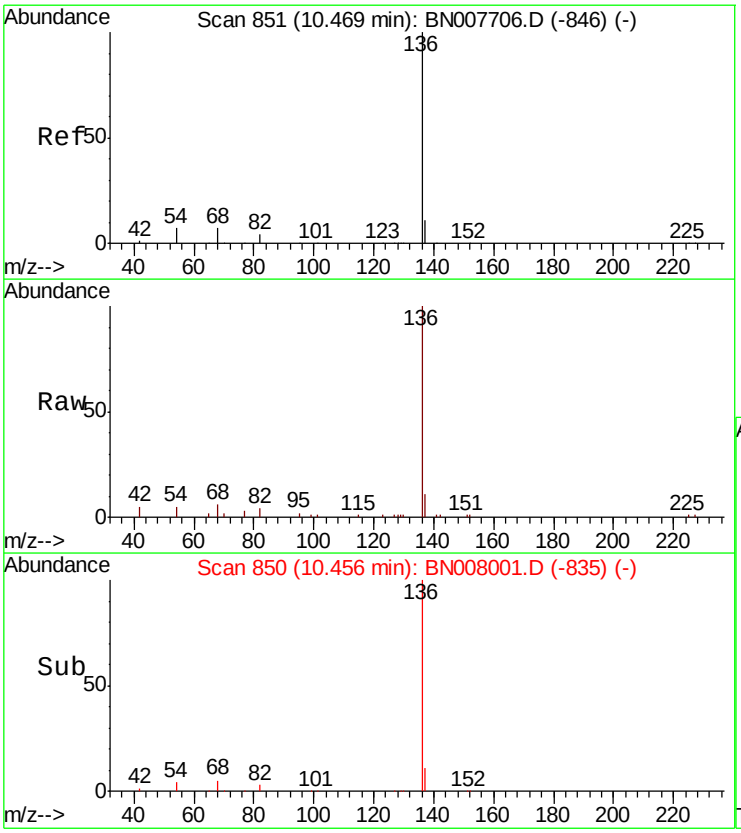
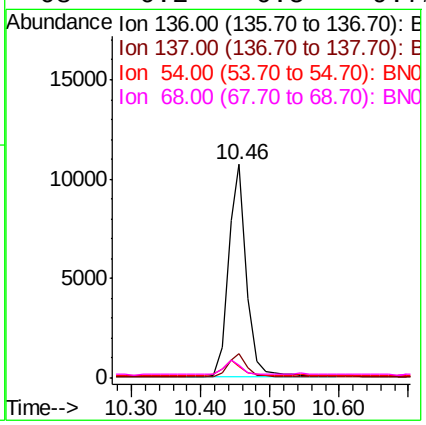
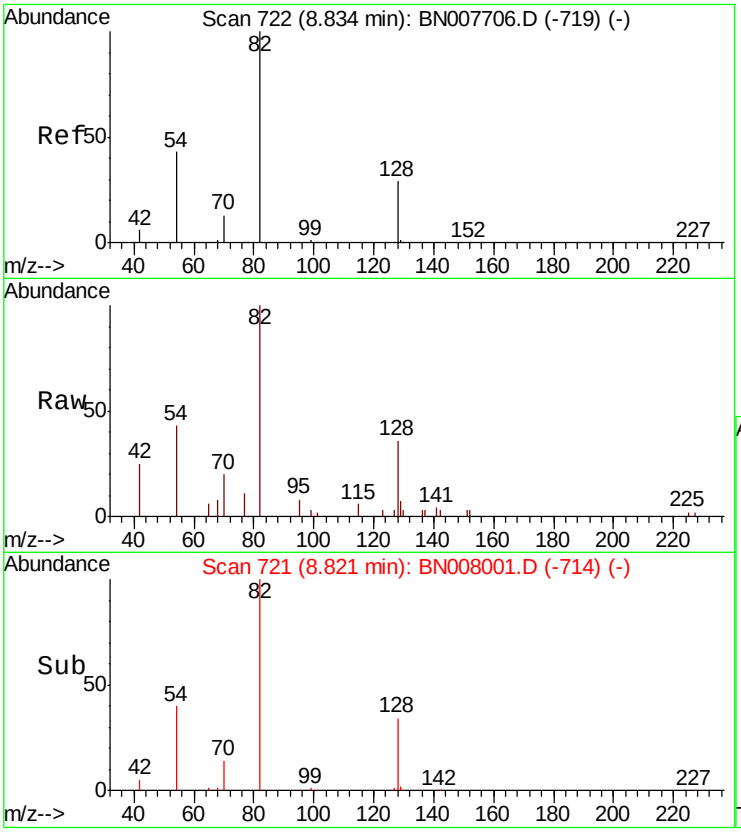


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:136 Resp: 19549

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.5	5.8	8.8#
68	6.2	6.5	9.7#

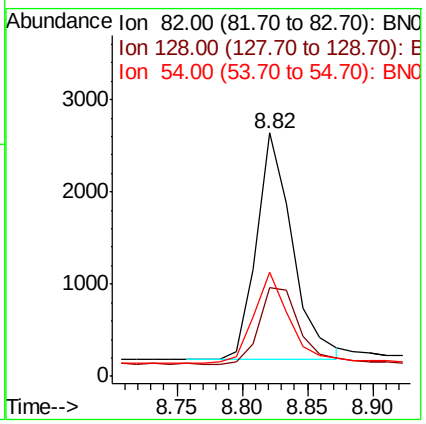




#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion: 82 Resp: 4649

Ion	Ratio	Lower	Upper
82	100		
128	36.5	24.5	36.7
54	42.5	35.2	52.8



Instrument :
BNA_N
ClientSampleId :
PST-024-B268-092519

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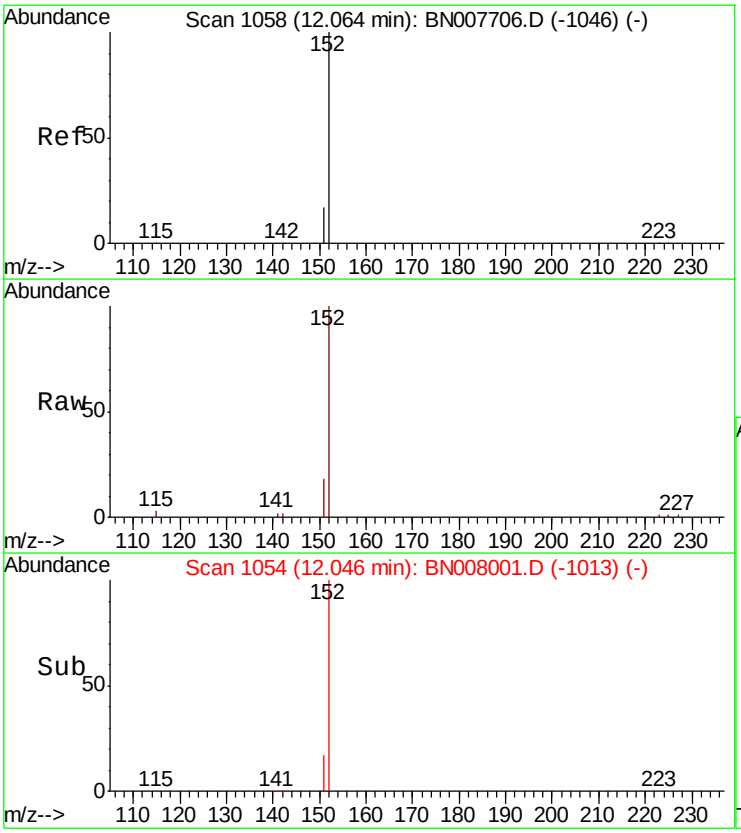
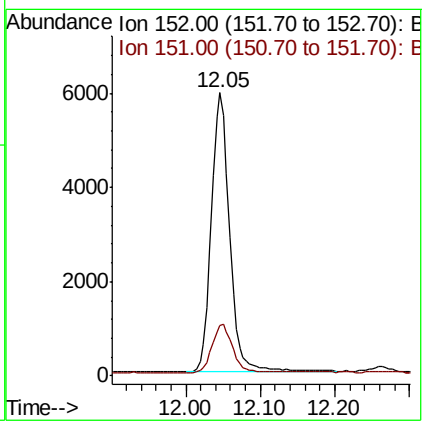
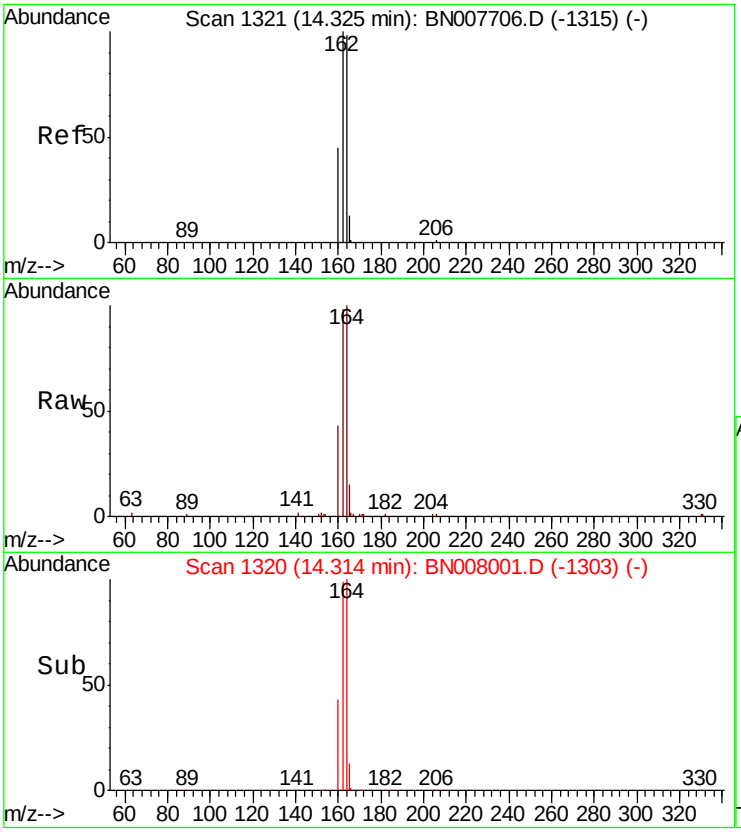


#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:152 Resp: 10131

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

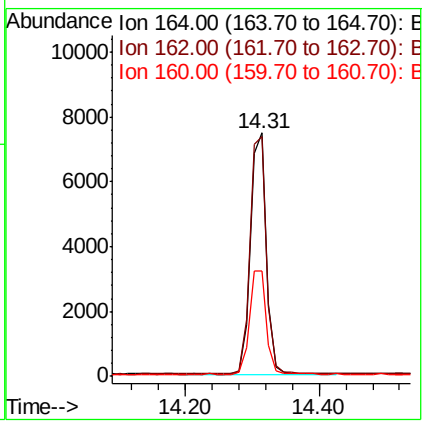




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:164 Resp: 12346

Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.7	122.5
160	43.2	37.0	55.4



Instrument :
BNA_N
ClientSampleId :
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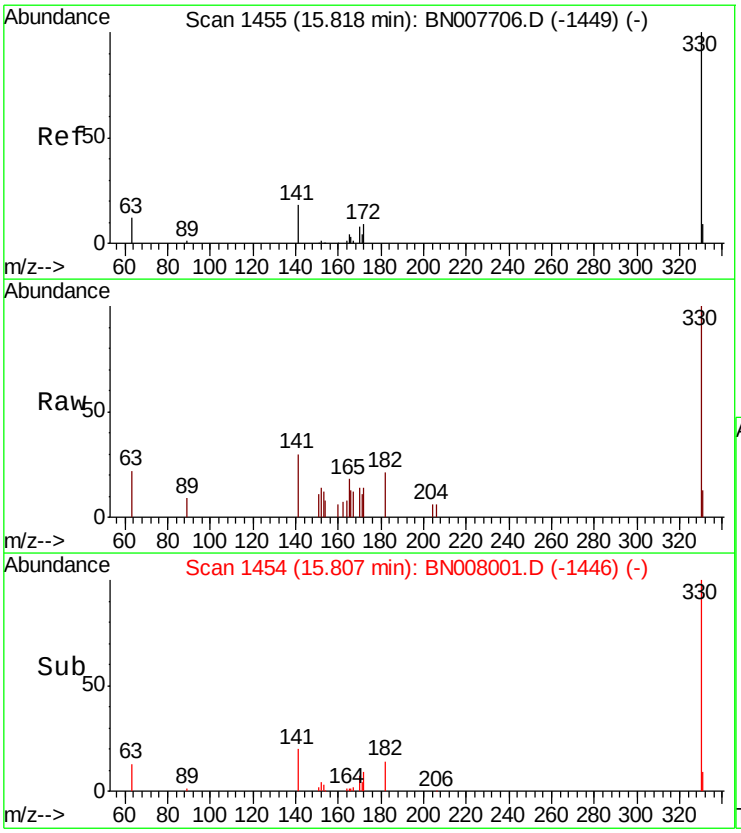
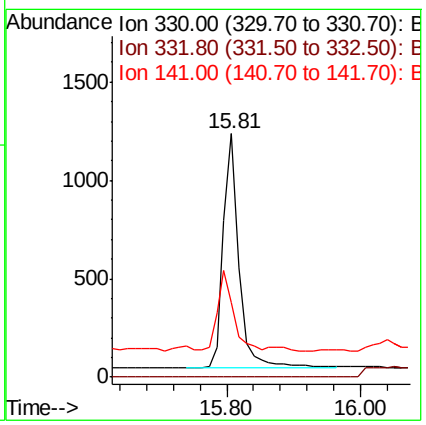
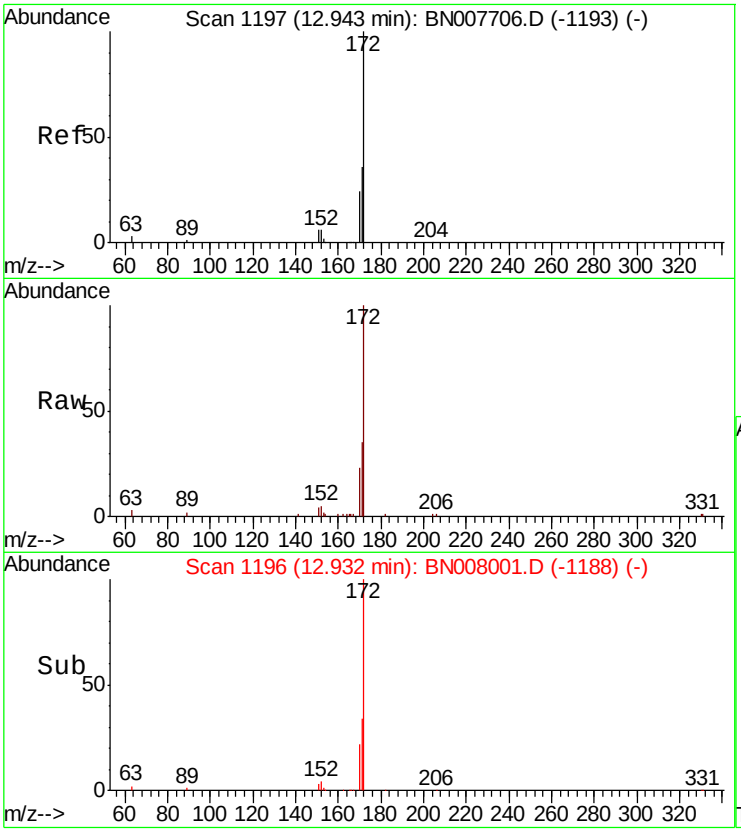


#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:330 Resp: 1957

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	28.7	43.1

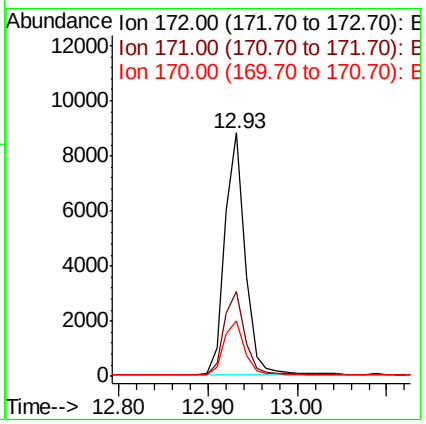




#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:172 Resp: 13808

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	22.7	19.5	29.3



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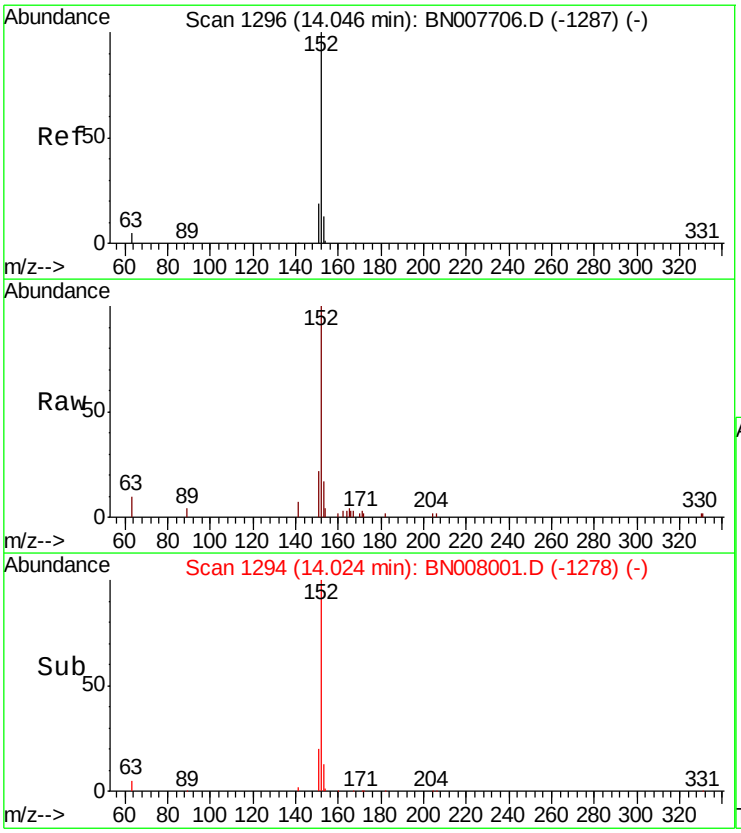
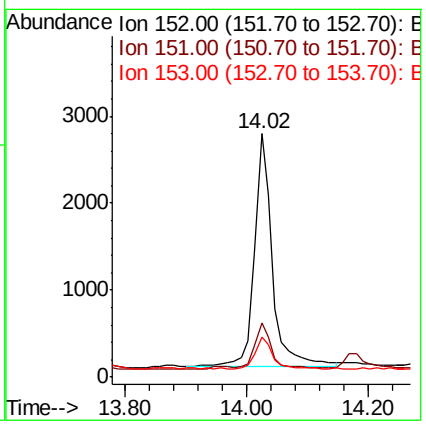
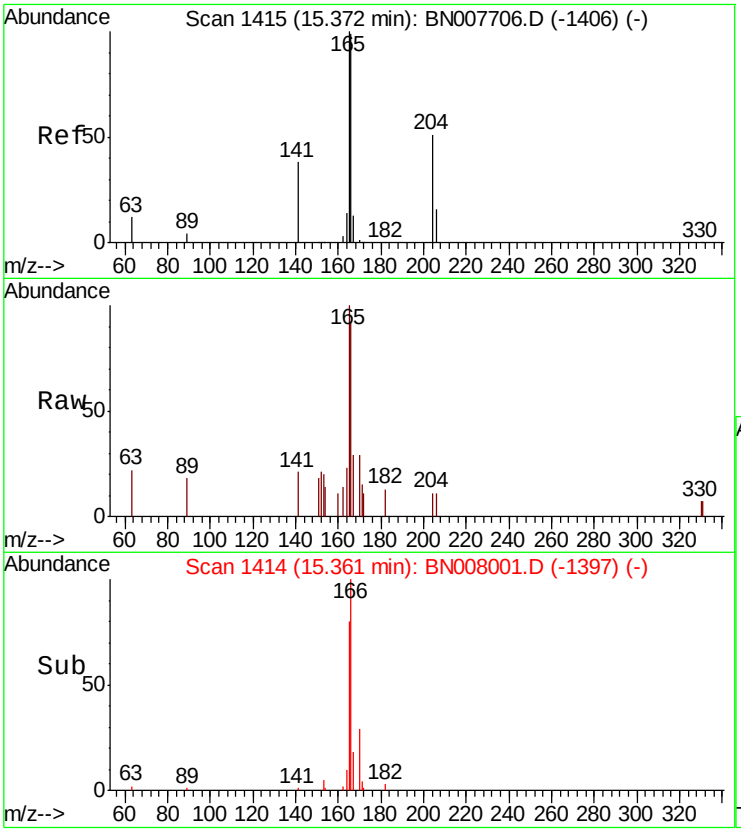


#16
Acenaphthylene
Concen: 0.083 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:152 Resp: 5443

Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.5	23.3
153	14.1	10.4	15.6





#18
Fluorene
Concen: 0.020 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:166 Resp: 1097

Ion	Ratio	Lower	Upper
166	100		
165	112.1	78.0	117.0
167	18.2	10.9	16.3#

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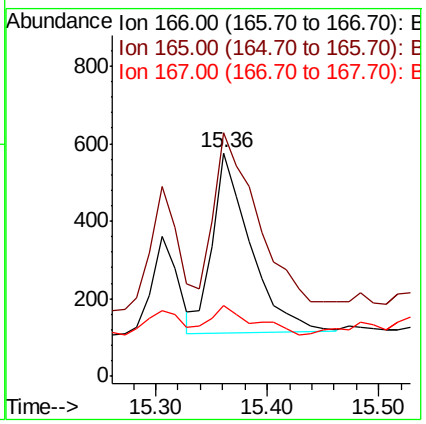
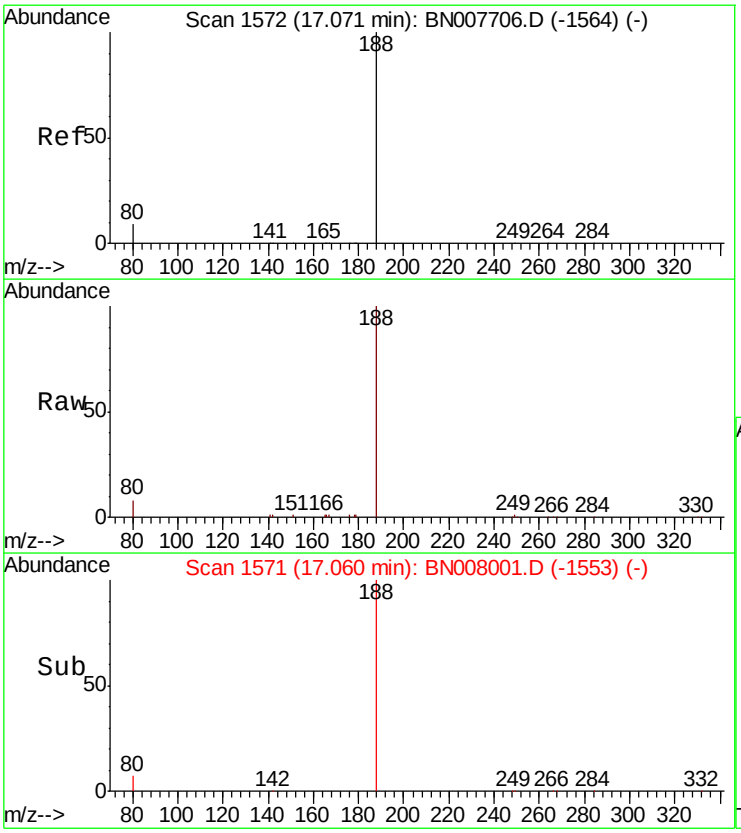
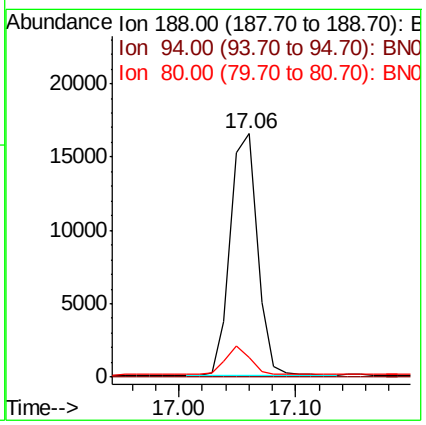


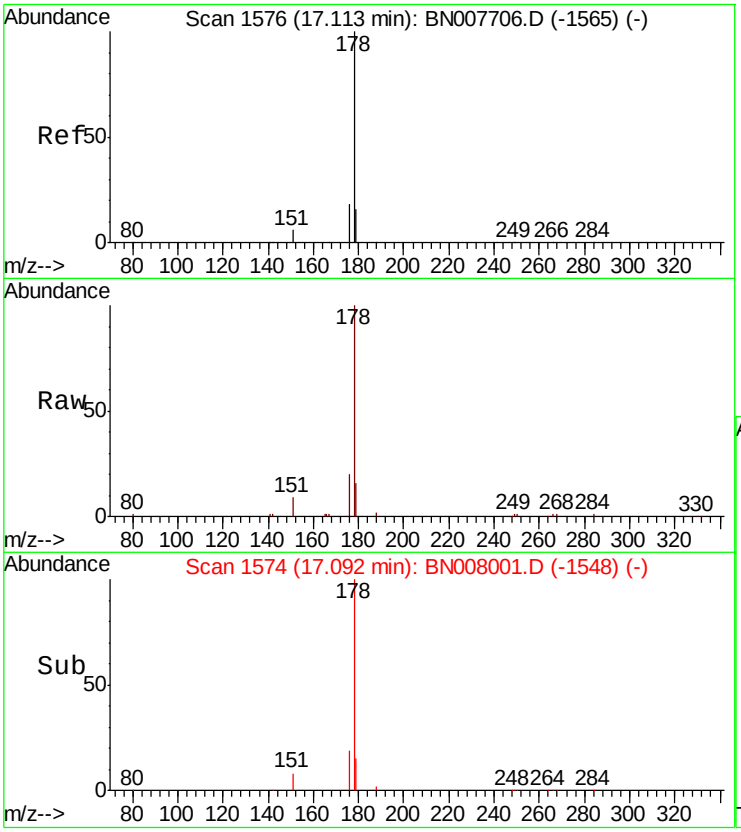


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:188 Resp: 26811

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.4	11.2

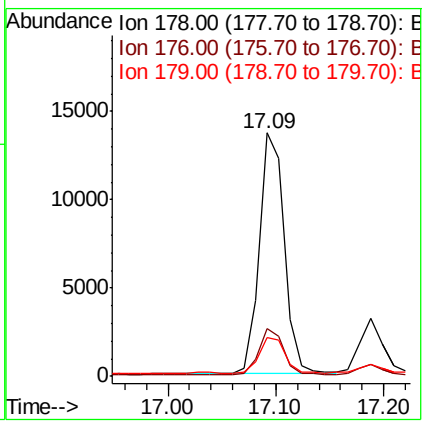




#23
Phenanthrene
Concen: 0.262 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:178 Resp: 21879

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.4	12.5	18.7



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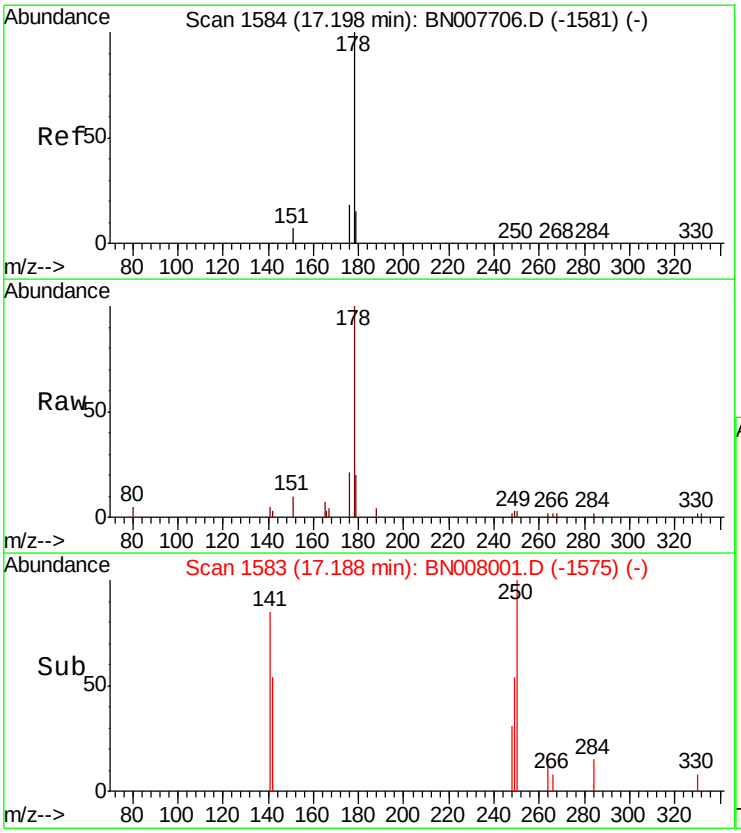
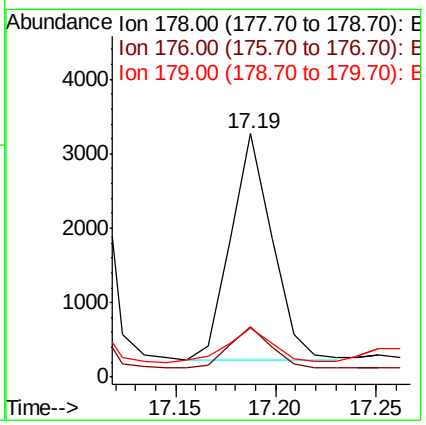
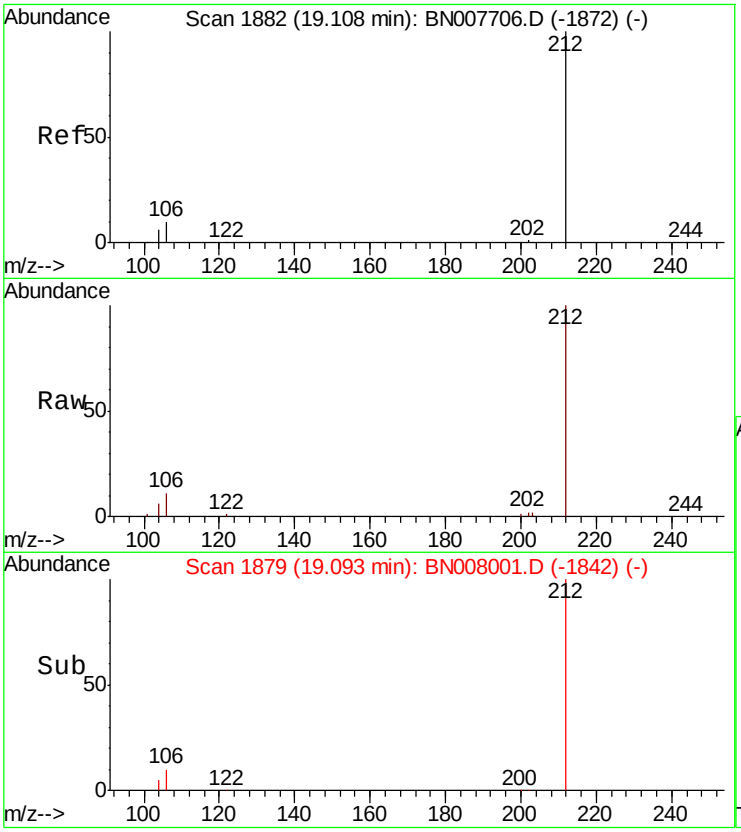


#24
Anthracene
Concen: 0.058 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:178 Resp: 4395

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	16.3	12.2	18.4

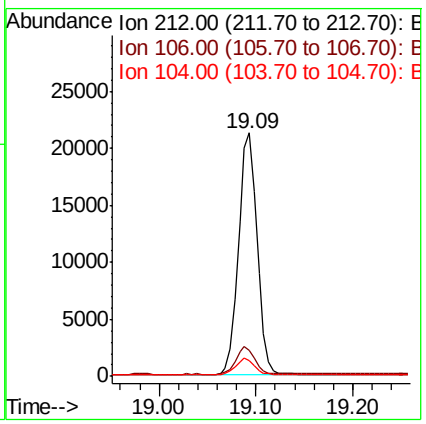




#25
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:212 Resp: 28379

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.4	14.0
104	6.4	5.3	7.9



Instrument :
BNA_N
ClientSampleId :
PST-024-B268-092519

Manual Integrations APPROVED
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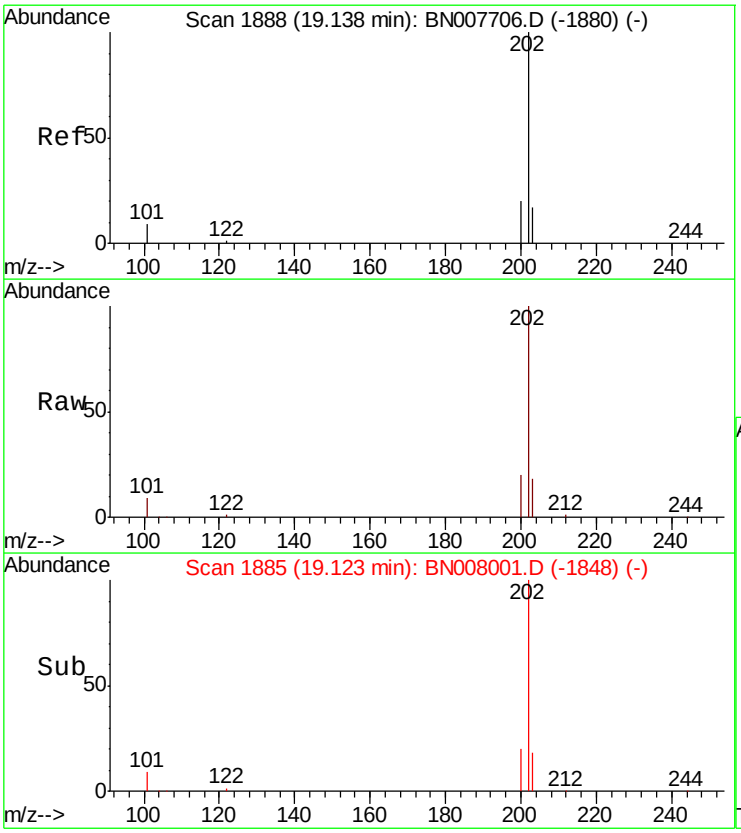
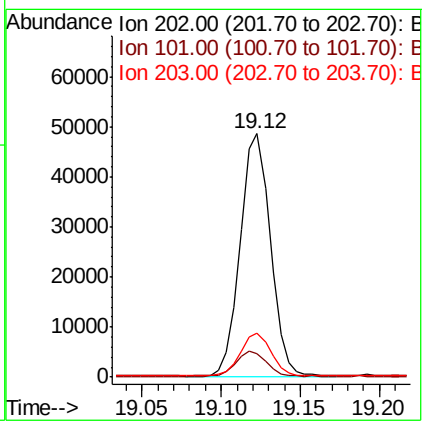
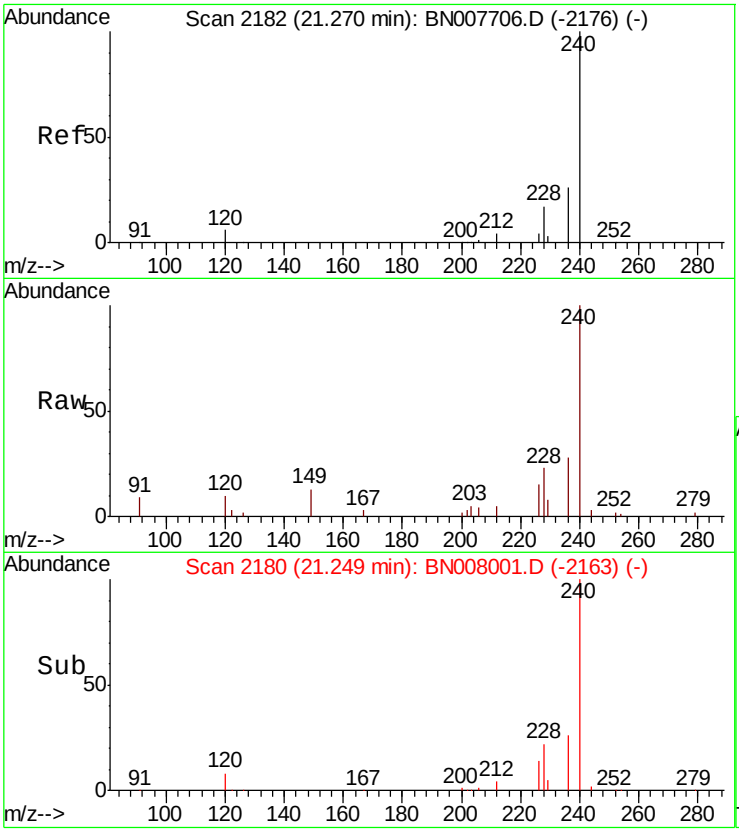


#26
Fluoranthene
Concen: 0.614 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:202 Resp: 63735

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.5	13.8	20.8

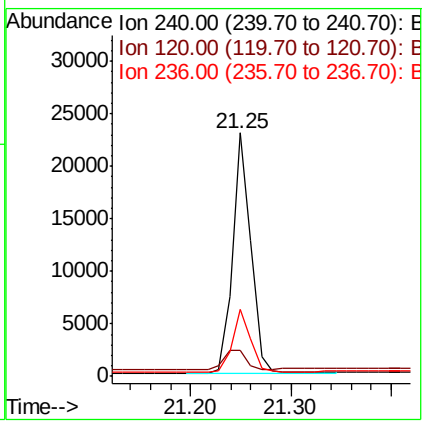




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:240 Resp: 28978

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.4	8.2#
236	27.8	21.0	31.4



Instrument :
BNA_N
ClientSampleId :
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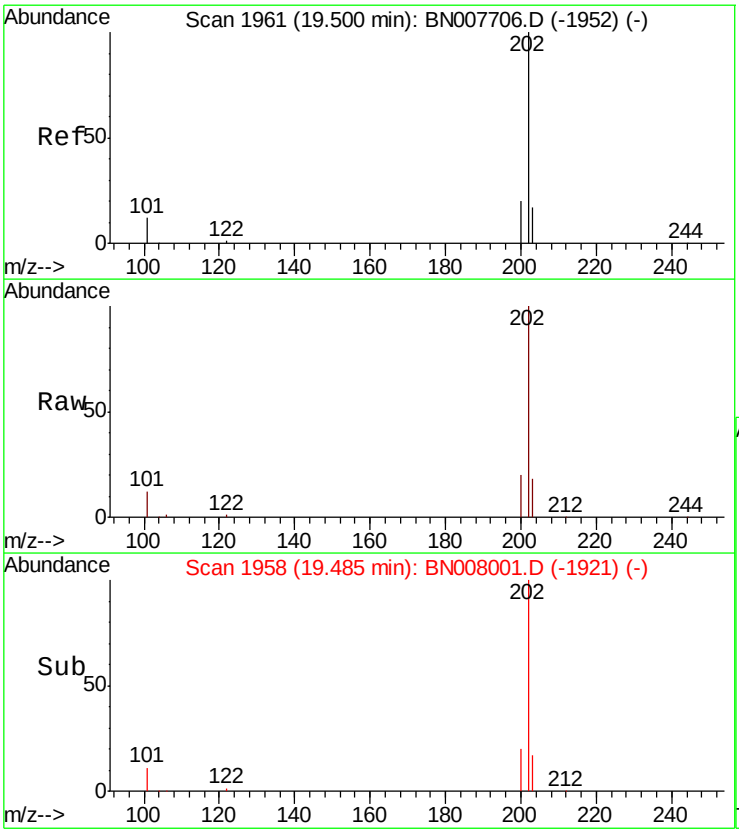
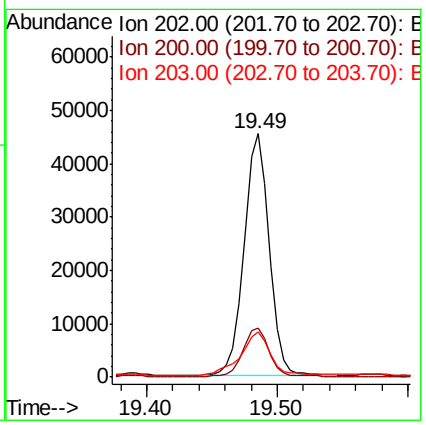
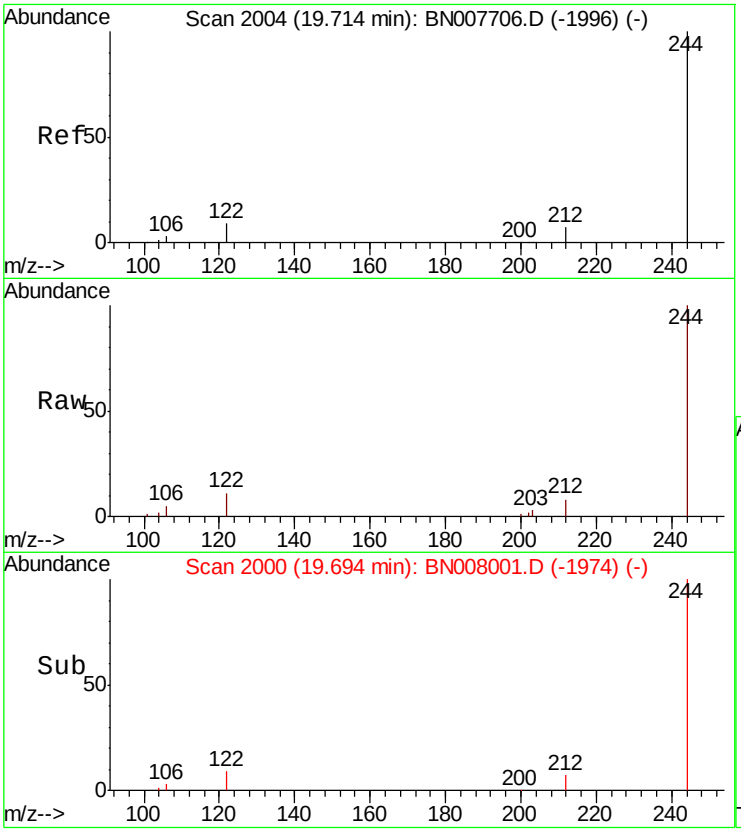


#28
Pyrene
Concen: 0.622 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:202 Resp: 61484

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	21.0	14.1	21.1

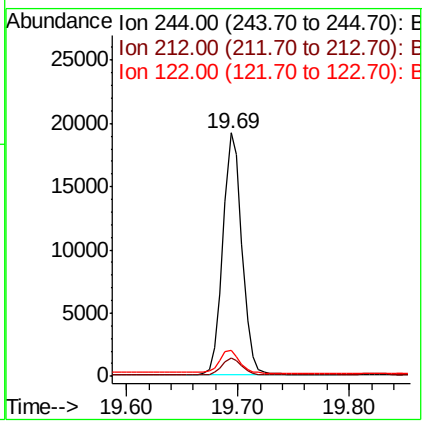




#29
Terphenyl-d14
Concen: 0.320 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:244 Resp: 22804

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.8	7.4	11.2



Instrument :
BNA_N
ClientSampleId :
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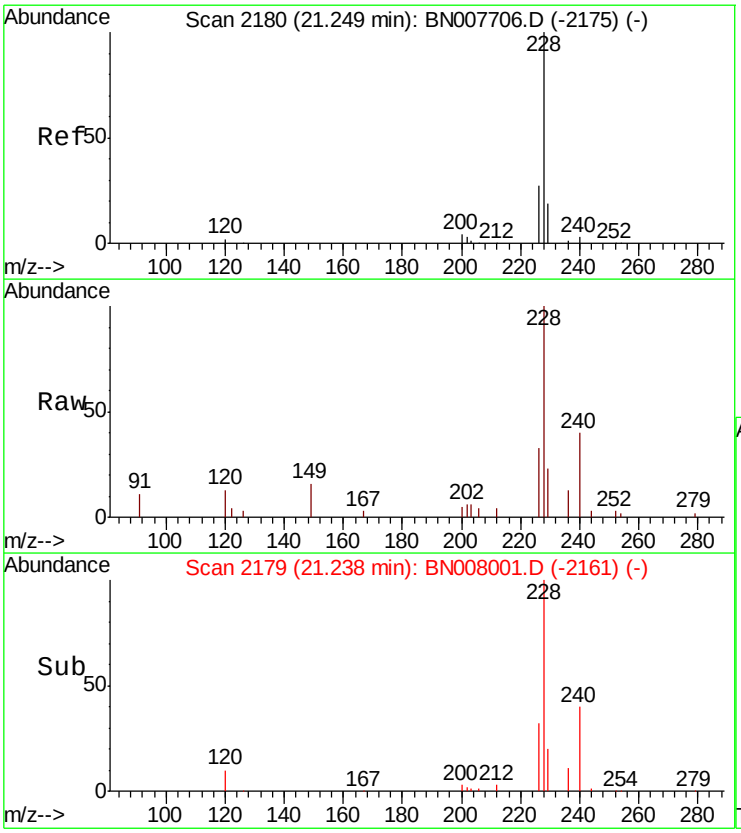
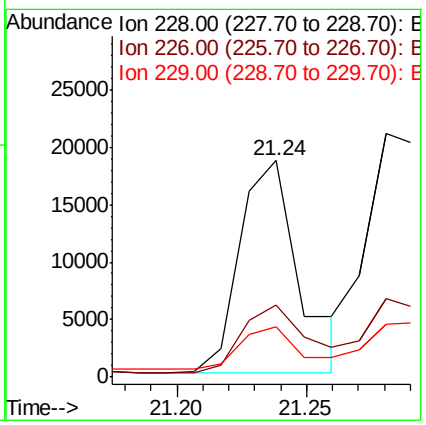
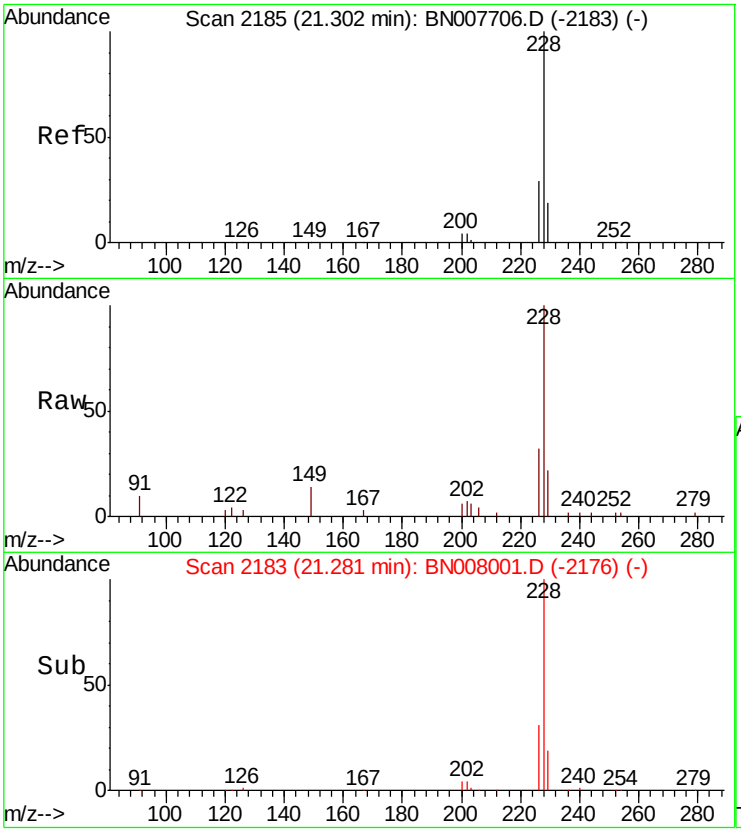


#30
Benzo(a)anthracene
Concen: 0.275 ng m
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:228 Resp: 29312

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.1	33.1#
229	23.4	15.8	23.6

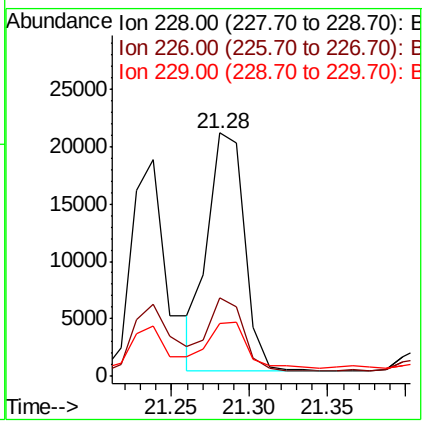




#31
Chrysene
Concen: 0.326 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:228 Resp: 33860

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.9	35.9
229	21.8	15.8	23.6



Instrument :
BNA_N
ClientSampleId :
PST-024-B268-092519

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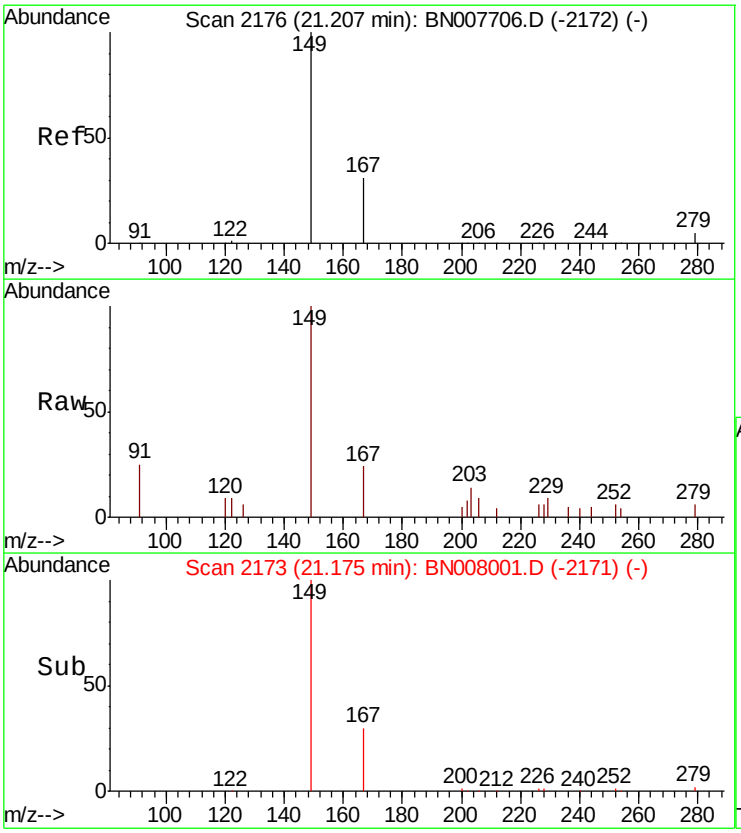
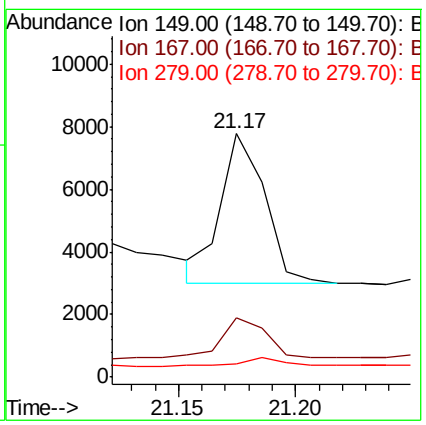
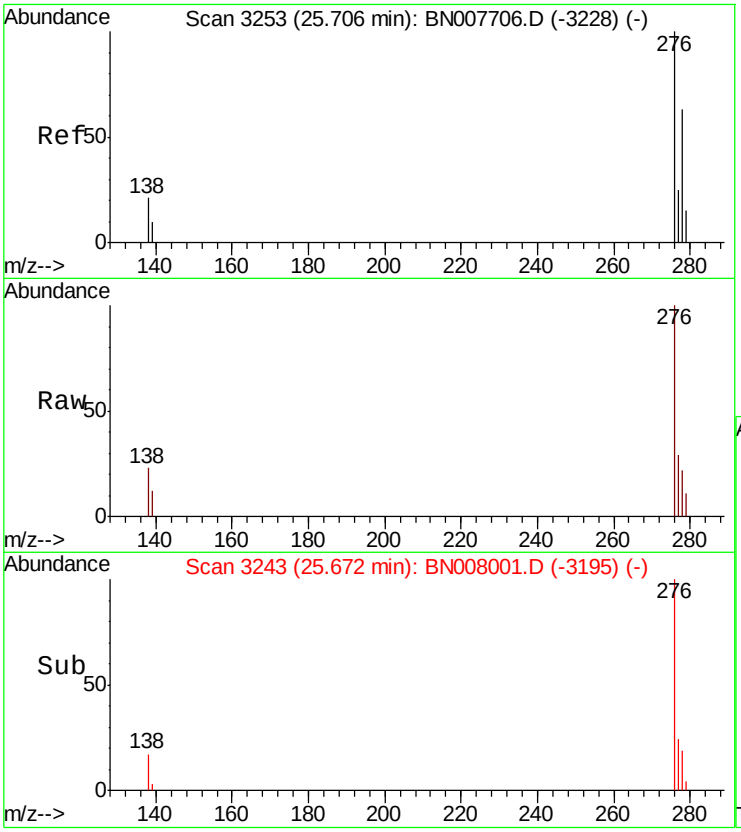


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:149 Resp: 6154

Ion	Ratio	Lower	Upper
149	100		
167	26.5	23.7	35.5
279	4.4	4.2	6.2

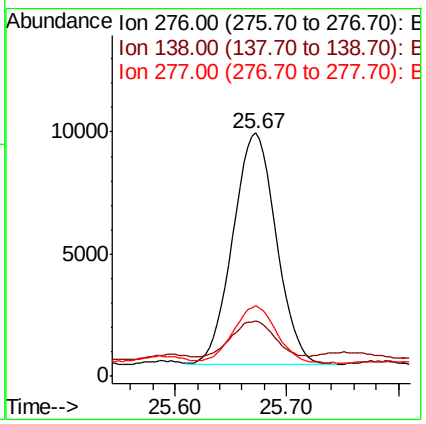




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.196 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.03 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:276 Resp: 25556

Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.1	25.7
277	24.3	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
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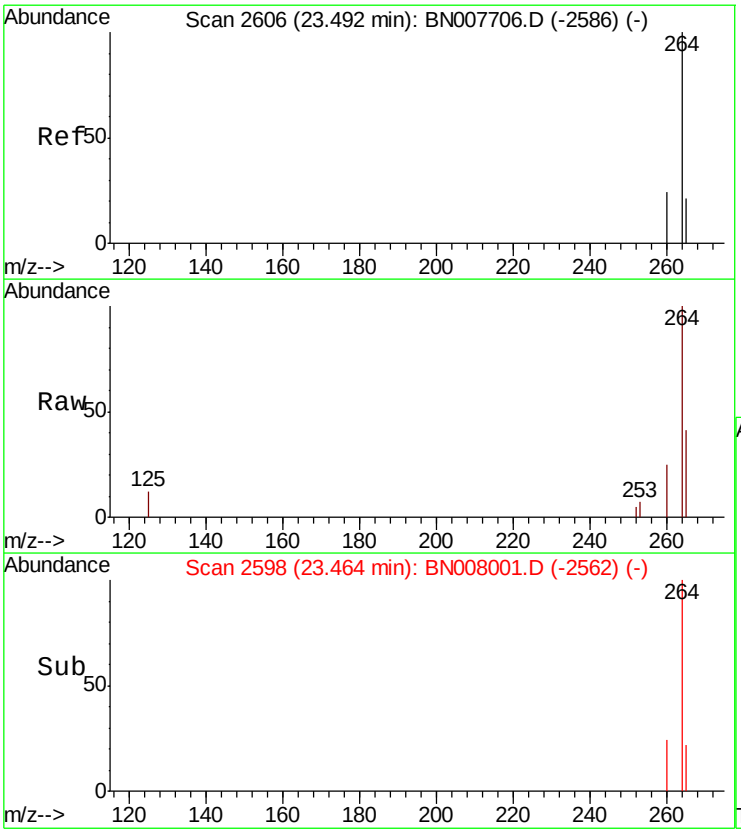
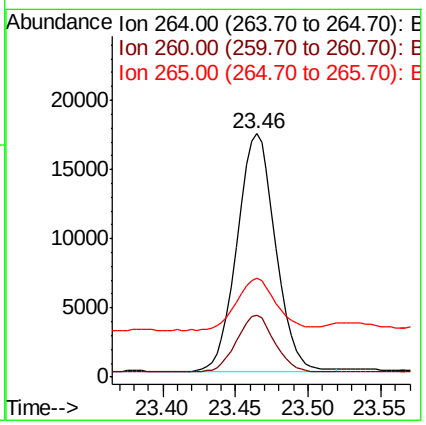
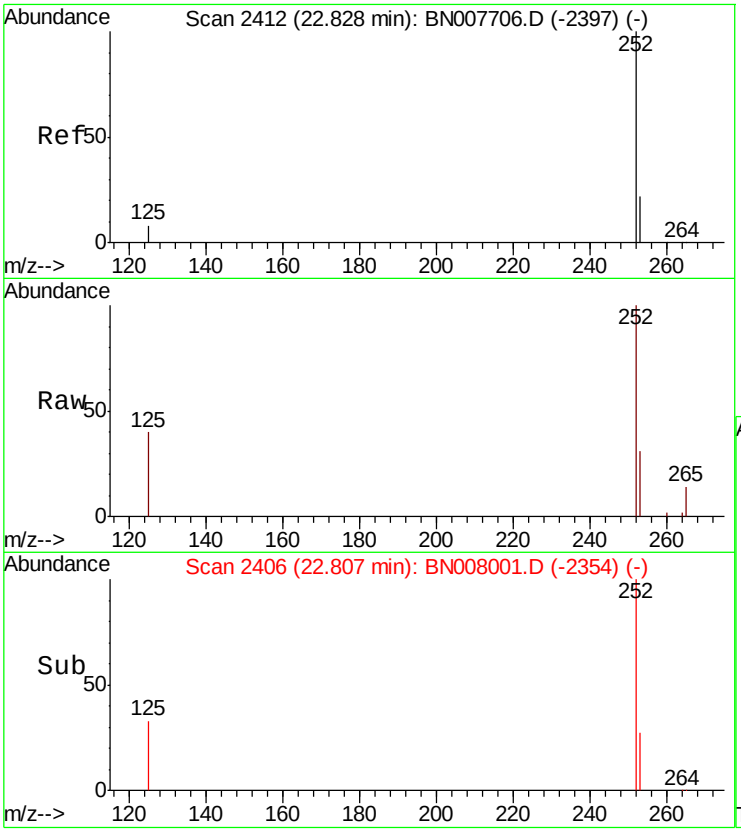


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:264 Resp: 31452

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	40.8	26.9	40.3#





#35
Benzo(b)fluoranthene
Concen: 0.491 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:252 Resp: 53644

Ion	Ratio	Lower	Upper
252	100		
253	30.8	18.3	27.5#
125	40.4	8.2	12.4#

Instrument :
BNA_N
ClientSampleId :
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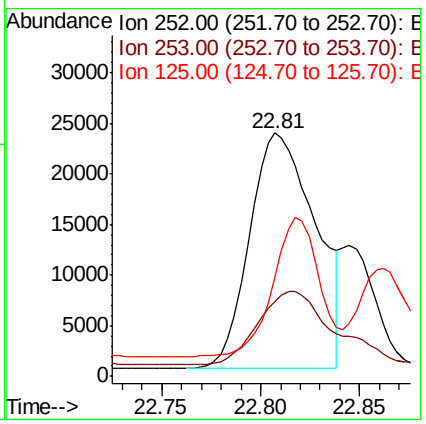
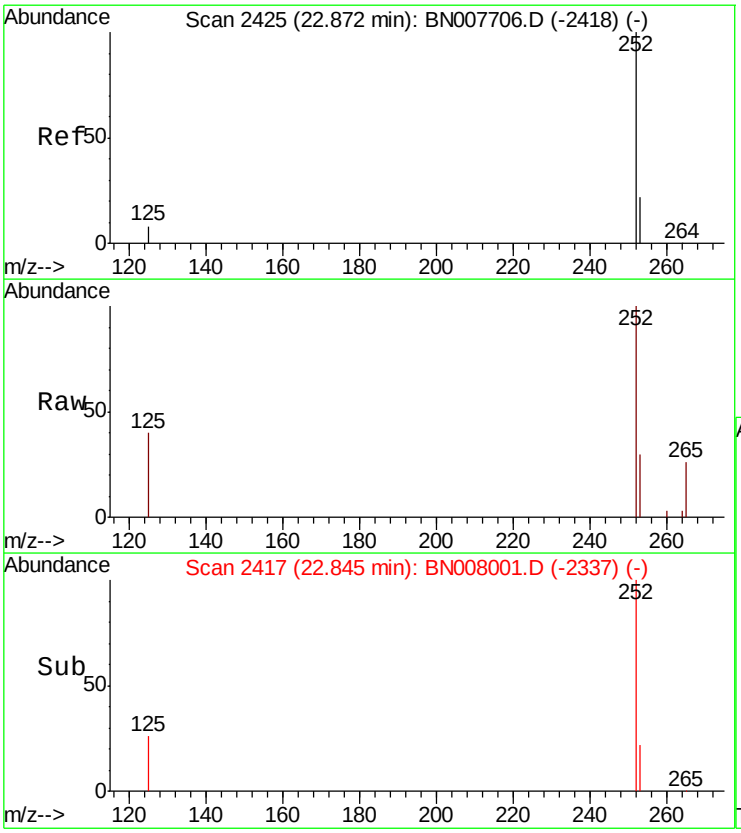
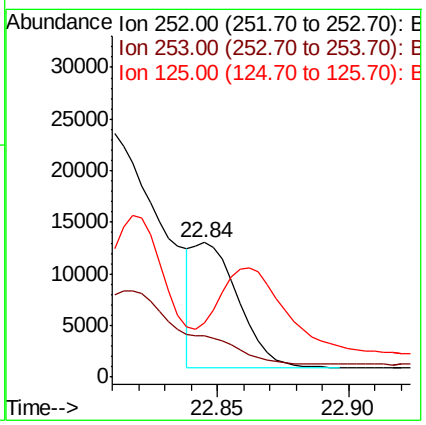


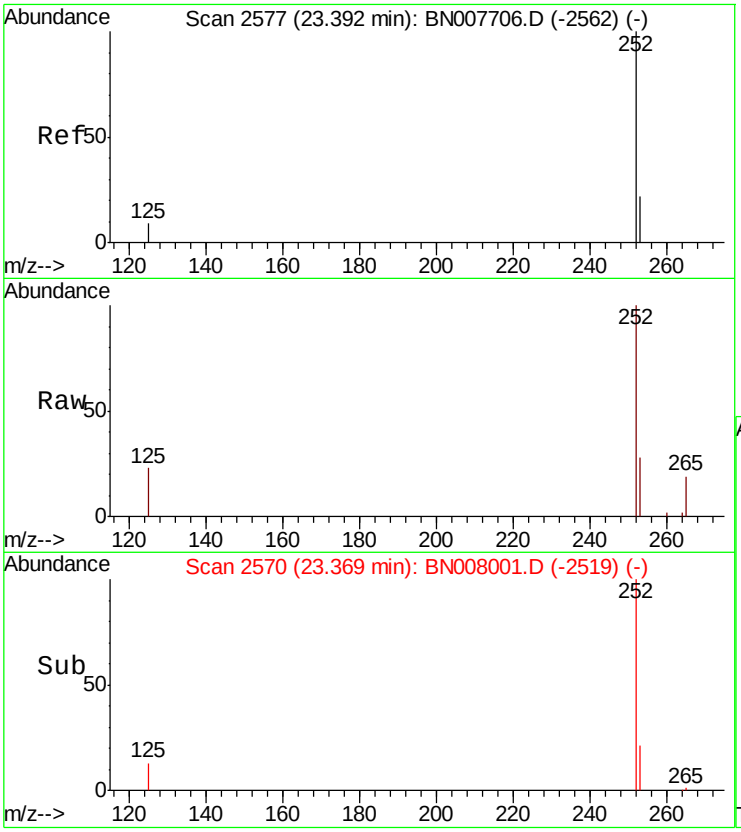


#36
Benzo(k)fluoranthene
Concen: 0.135 ng m
RT: 22.84 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:252 Resp: 14596

Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.5	27.7#
125	40.0	8.4	12.6#





#37
Benzo(a)pyrene
Concen: 0.301 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:252 Resp: 30858

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.6	27.8#
125	23.5	9.4	14.0#

Instrument :
BNA_N
ClientSampleId :
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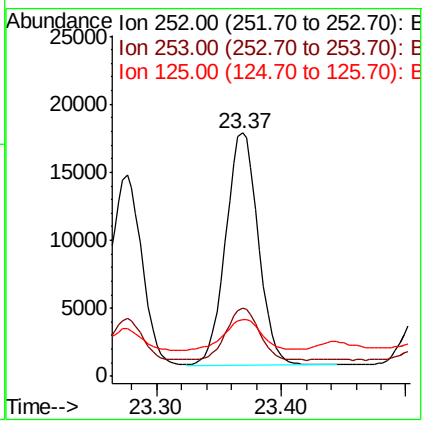
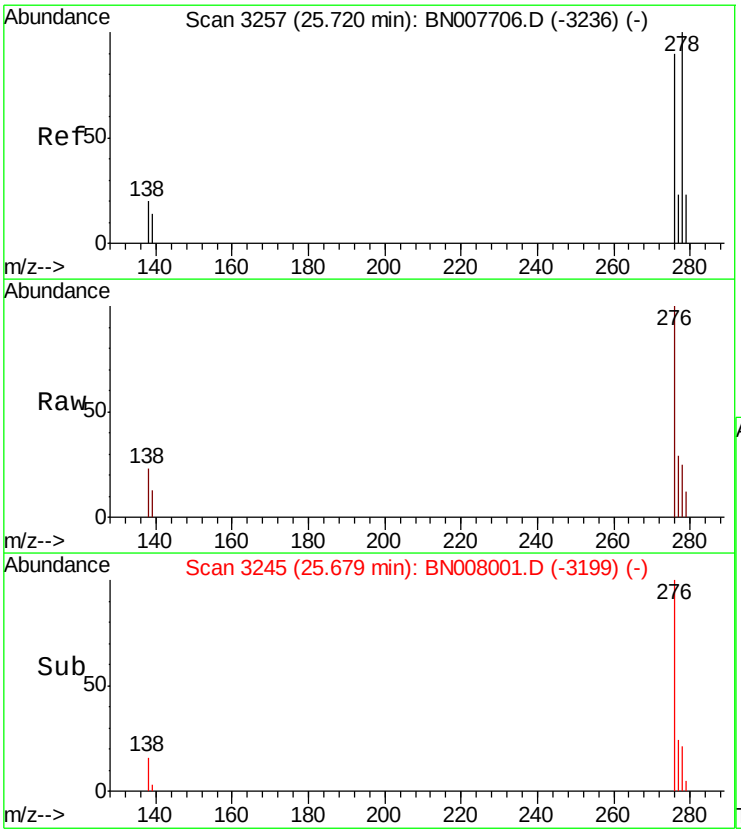
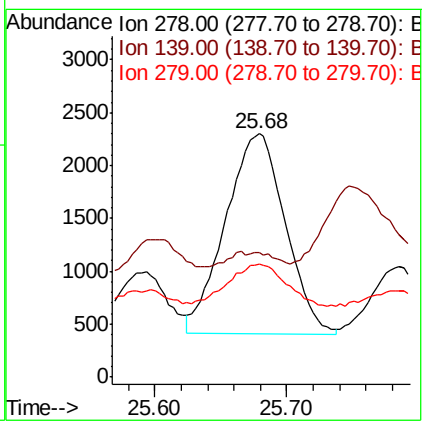


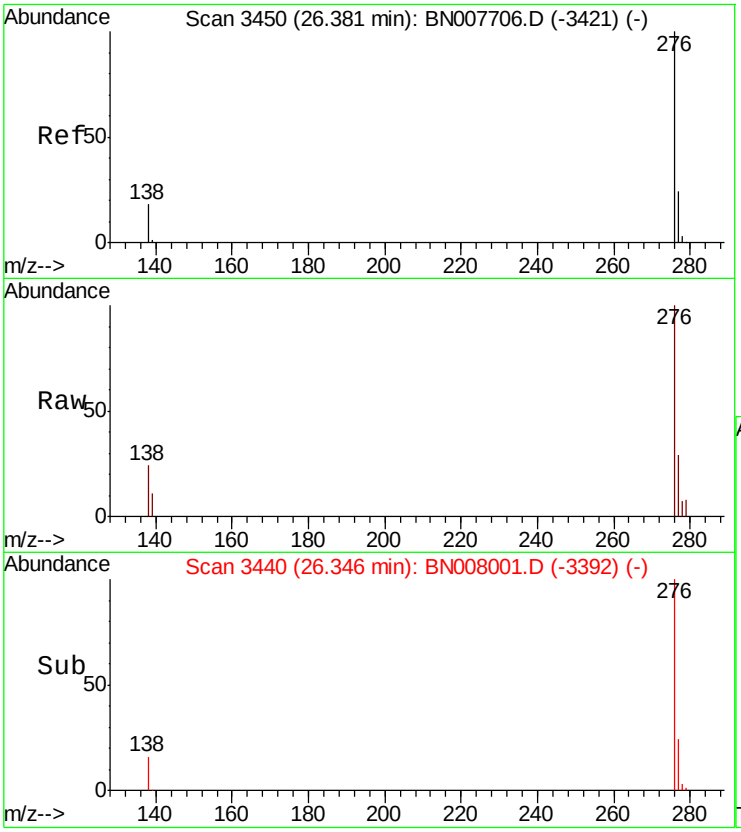


#38
Dibenzo(a,h)anthracene
Concen: 0.057 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.04 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:278 Resp: 5982

Ion	Ratio	Lower	Upper
278	100		
139	51.4	11.8	17.6#
279	46.6	19.4	29.2#

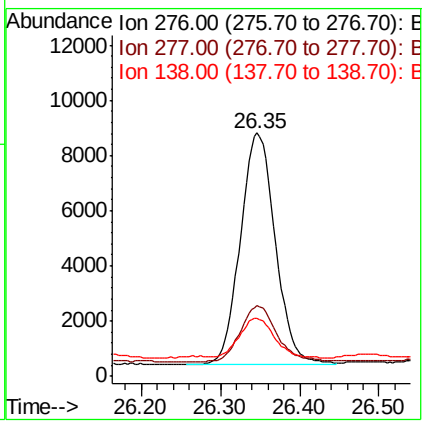




#39
Benzo(g,h,i)perylene
Concen: 0.250 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN008001.D
Acq: 04 Oct 2019 03:34

Tgt Ion:276 Resp: 25932

Ion	Ratio	Lower	Upper
276	100		
277	29.1	19.8	29.8
138	23.7	15.1	22.7#



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ClientSampleId :
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