Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
Data File : BN006720.D
Acq On : 05 Jul 2019 17:42
Operator : HP/JU
Sample : K3558-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

Manual Integrations APPROVED
mohammad
7/8/2019 2:15:57 PM

Quant Time: Jul 05 23:24:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3262	0.40	ng		-0.02
7) Naphthalene-d8	10.38	136	12563	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	8087	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	18604	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	18469	0.40	ng		-0.03
34) Perylene-d12	23.45	264	21439	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	705	0.08	ng		0.00
5) Phenol-d6	6.84	99	892	0.08	ng		0.00
8) Nitrobenzene-d5	8.83	82	652	0.07	ng		0.04
11) 2-Methylnaphthalene-d10	11.99	152	1767	0.09	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	352	0.09	ng		-0.01
15) 2-Fluorobiphenyl	12.86	172	2450	0.08	ng		-0.02
25) Fluoranthene-d10	19.05	212	4538	0.09	ng		-0.02
29) Terphenyl-d14	19.66	244	3264	0.08	ng		-0.02
Target Compounds							Qvalue
16) Acenaphthylene	13.96	152	1757	0.044	ng		98
23) Phenanthrene	17.05	178	8522	0.159	ng		99
24) Anthracene	17.15	178	1371	0.028	ng	#	92
26) Fluoranthene	19.08	202	12136	0.193	ng		99
28) Pyrene	19.45	202	18262	0.247	ng		97
30) Benzo(a)anthracene	21.22	228	7552	0.119	ng	#	90
31) Chrysene	21.27	228	8827	0.134	ng	#	93
33) Indeno(1,2,3-cd)pyrene	25.68	276	4482	0.057	ng		94
35) Benzo(b)fluoranthene	22.79	252	8926	0.130	ng	#	87
36) Benzo(k)fluoranthene	22.83	252	2991m	0.040	ng		
37) Benzo(a)pyrene	23.36	252	6626	0.099	ng	#	88
39) Benzo(g,h,i)perylene	26.35	276	5437	0.080	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
Data File : BN006720.D
Acq On : 05 Jul 2019 17:42
Operator : HP/JU
Sample : K3558-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 05 23:24:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

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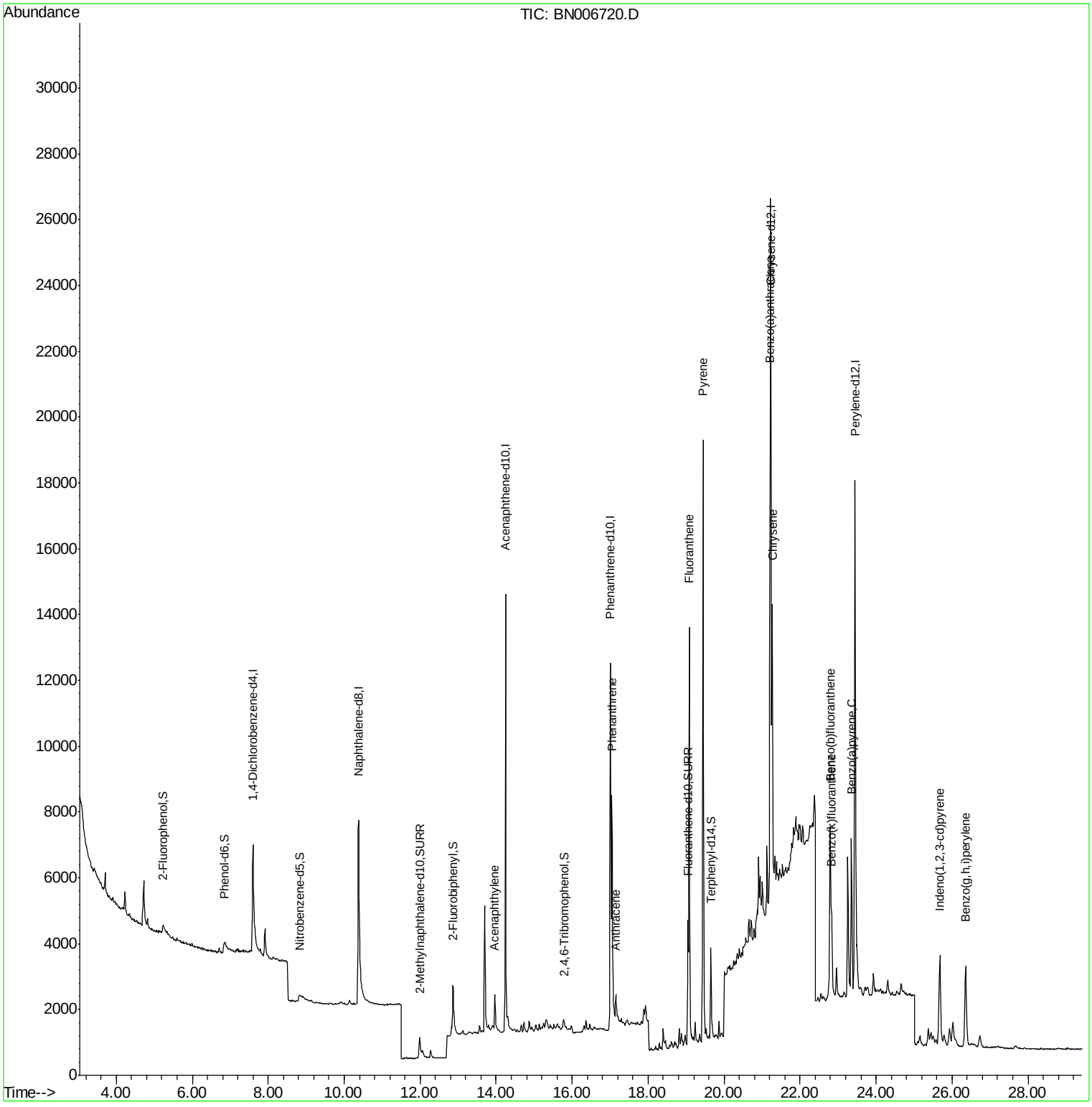
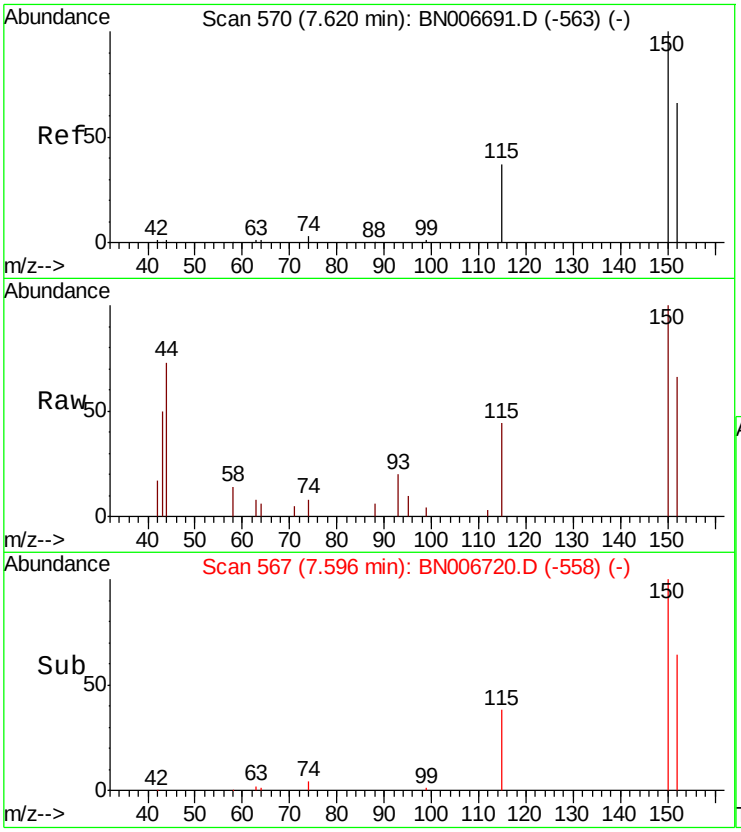
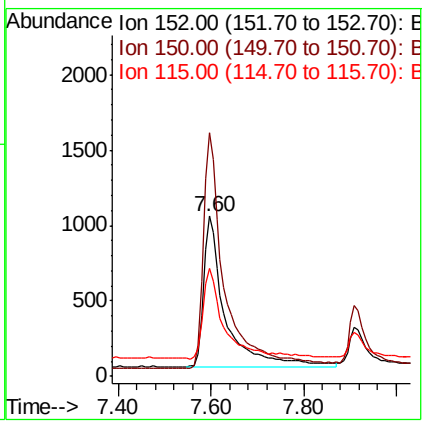




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:152 Resp: 3262

Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.6	181.0
115	67.5	51.0	76.6



Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

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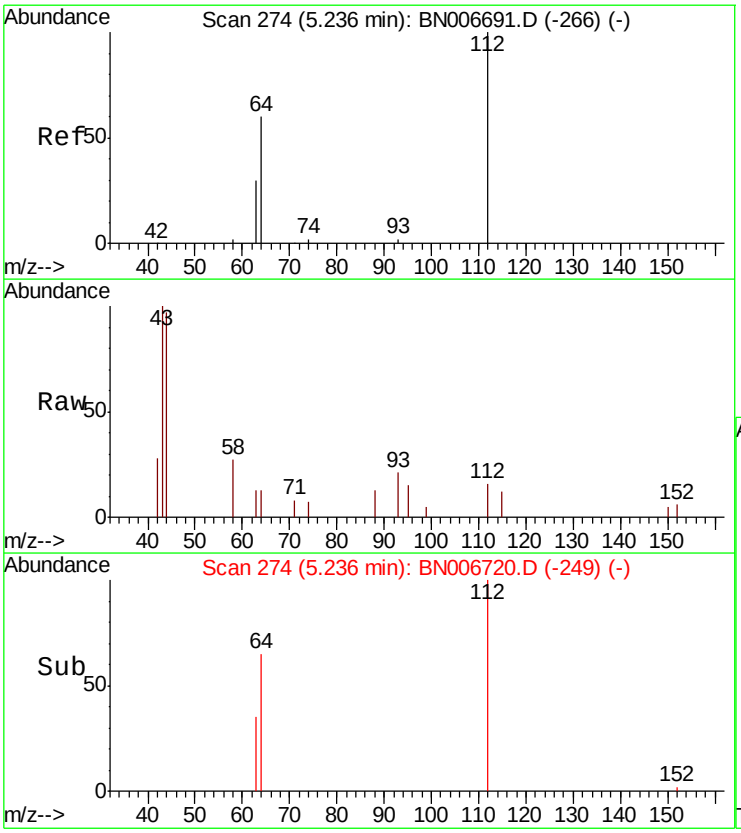
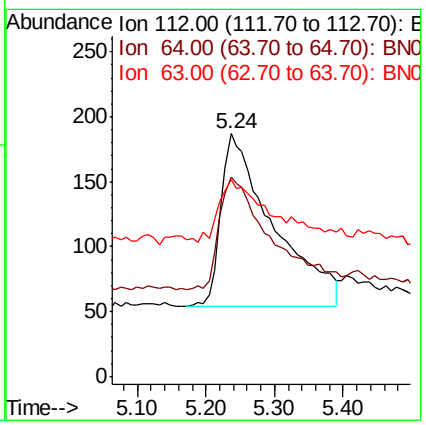
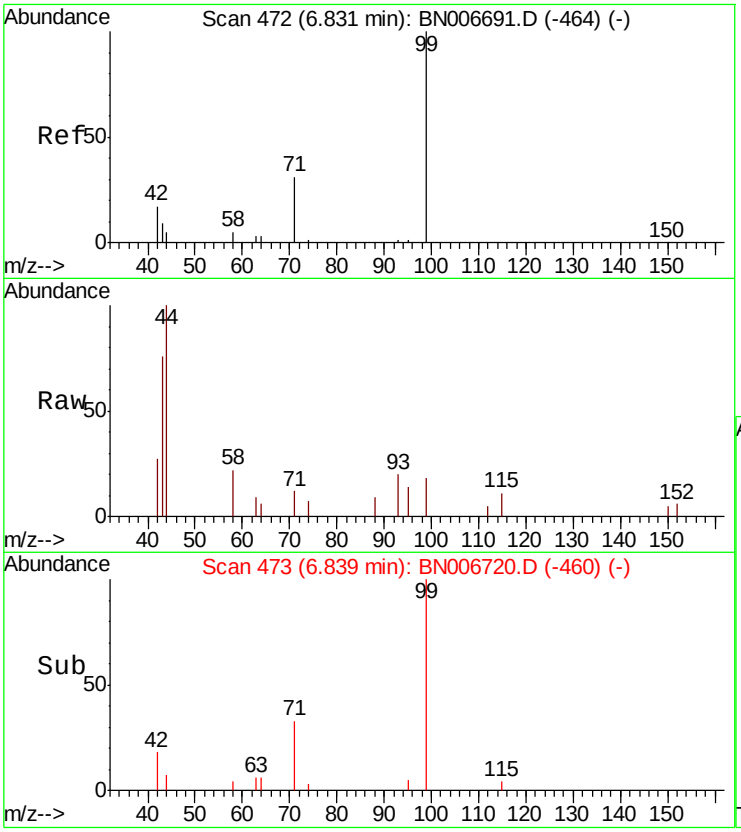


#4
2-Fluorophenol
Concen: 0.080 ng
RT: 5.24 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:112 Resp: 705

Ion	Ratio	Lower	Upper
112	100		
64	64.3	49.8	74.6
63	30.2	25.8	38.6

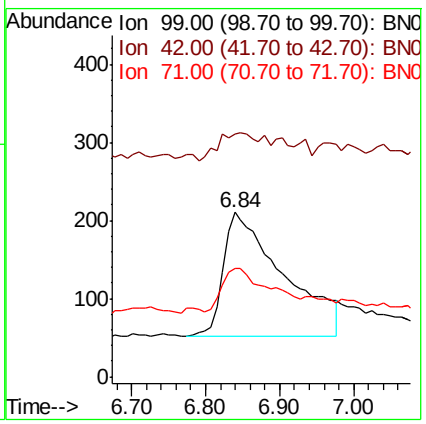




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.84 min Scan# 473
Delta R.T. 0.01 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion: 99 Resp: 892

Ion	Ratio	Lower	Upper
99	100		
42	13.5	16.6	25.0#
71	27.9	26.0	39.0



Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

Manual Integrations APPROVED
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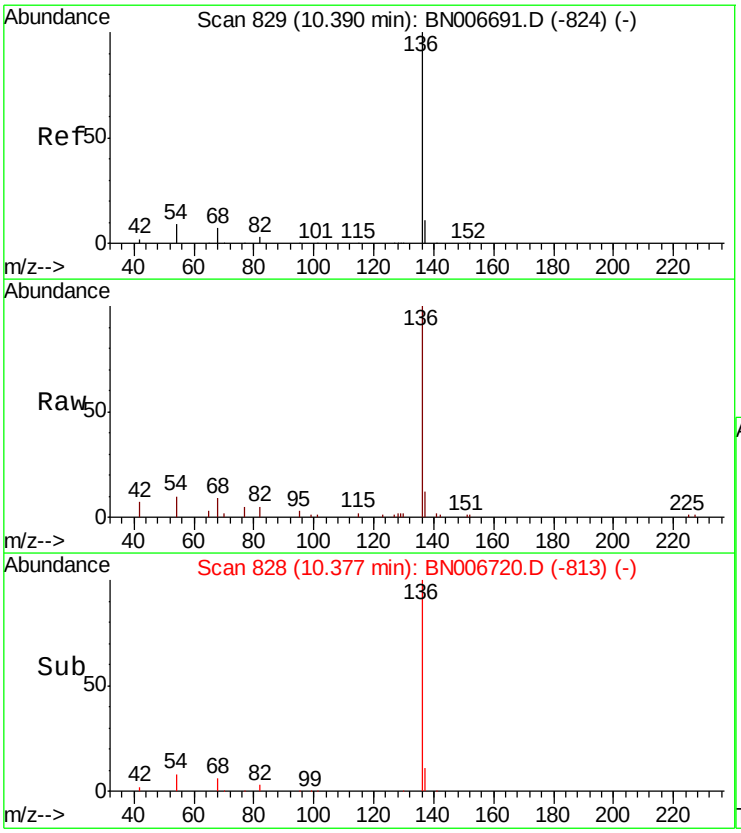
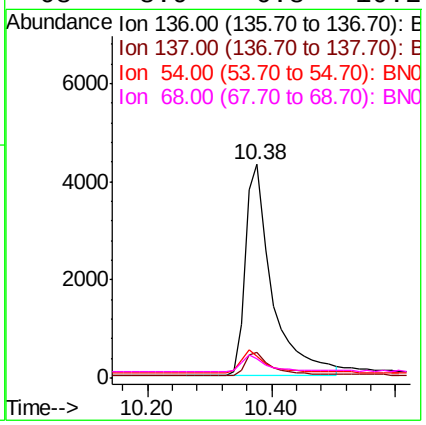
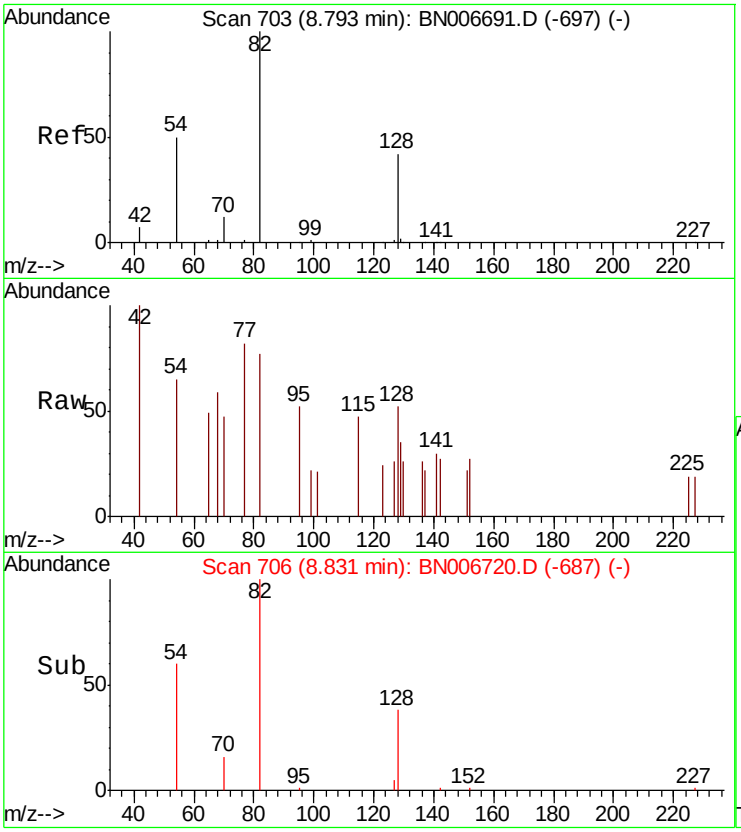


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:136 Resp: 12563

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	10.3	8.4	12.6
68	8.9	6.8	10.2





#8
Nitrobenzene-d5
Concen: 0.068 ng
RT: 8.83 min Scan# 706
Delta R.T. 0.04 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion: 82 Resp: 652

Ion	Ratio	Lower	Upper
82	100		
128	67.2	36.1	54.1#
54	84.4	44.5	66.7#

Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

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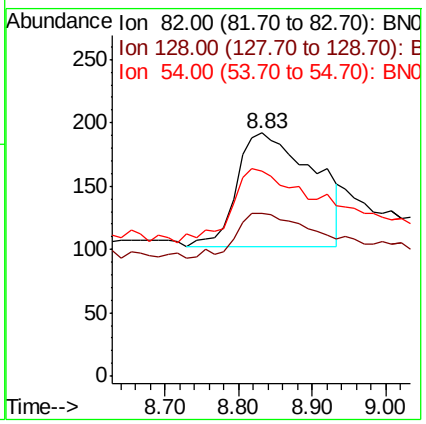
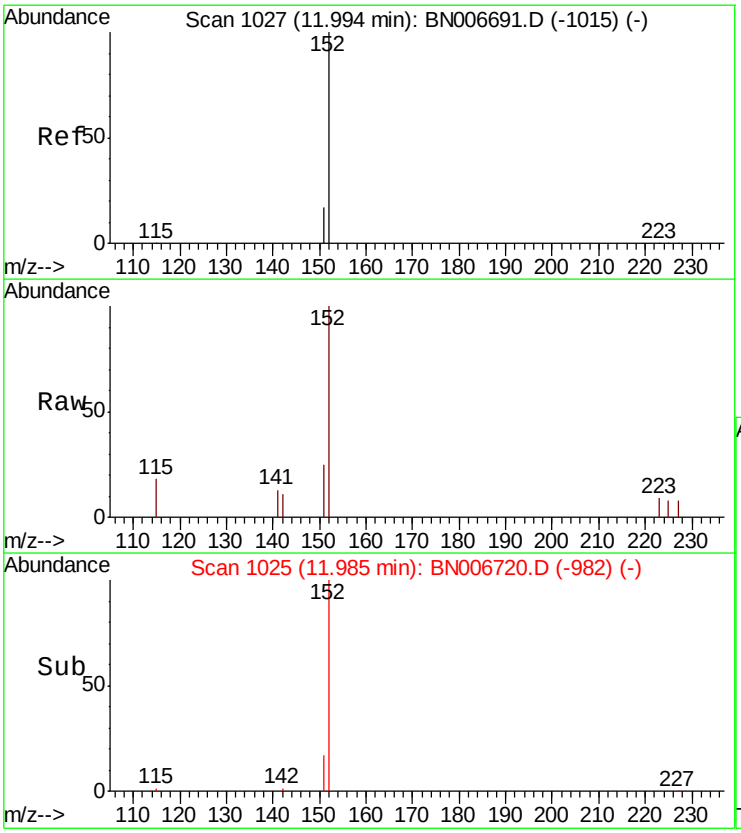
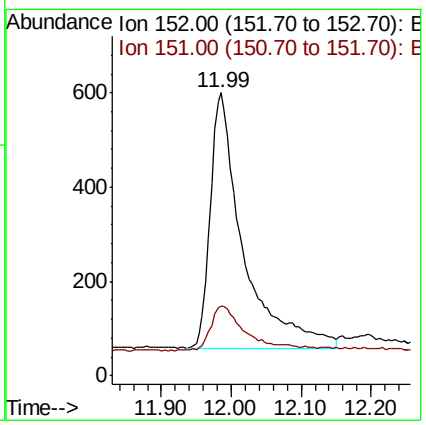


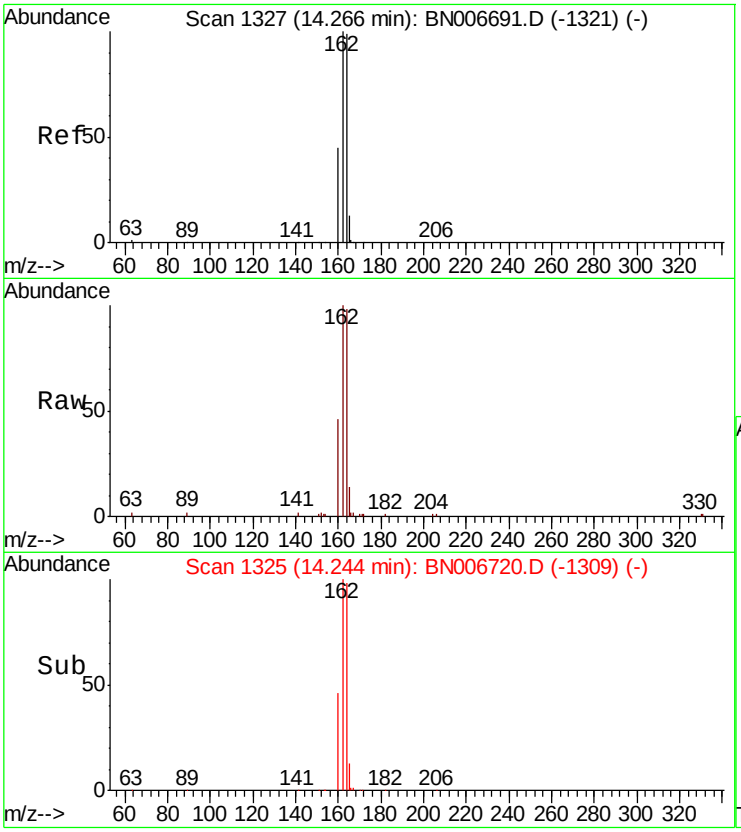


#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 11.99 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:152 Resp: 1767

Ion	Ratio	Lower	Upper
152	100		
151	19.5	14.9	22.3

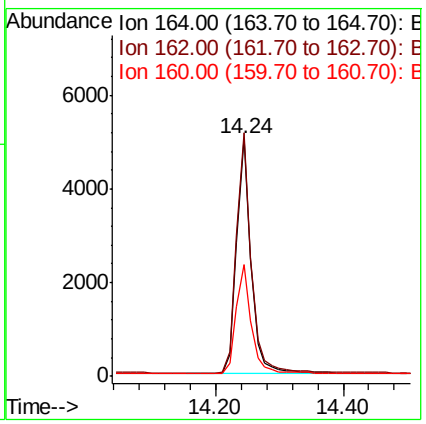




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:164 Resp: 8087

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	47.1	37.0	55.6



Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

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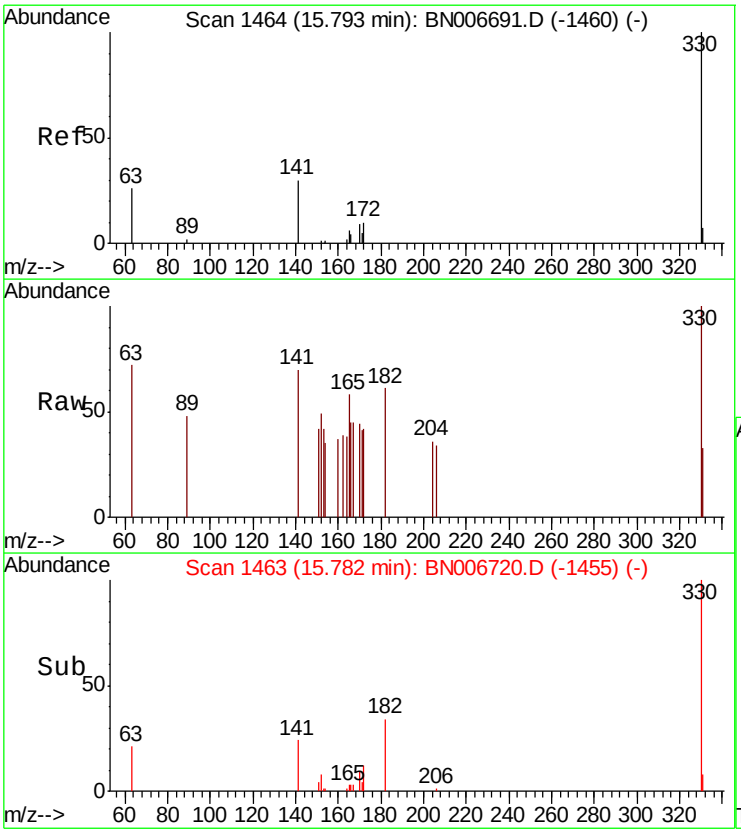
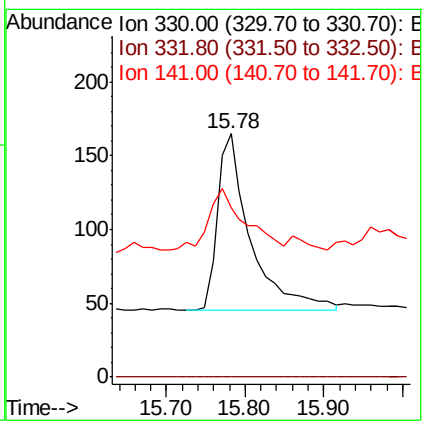
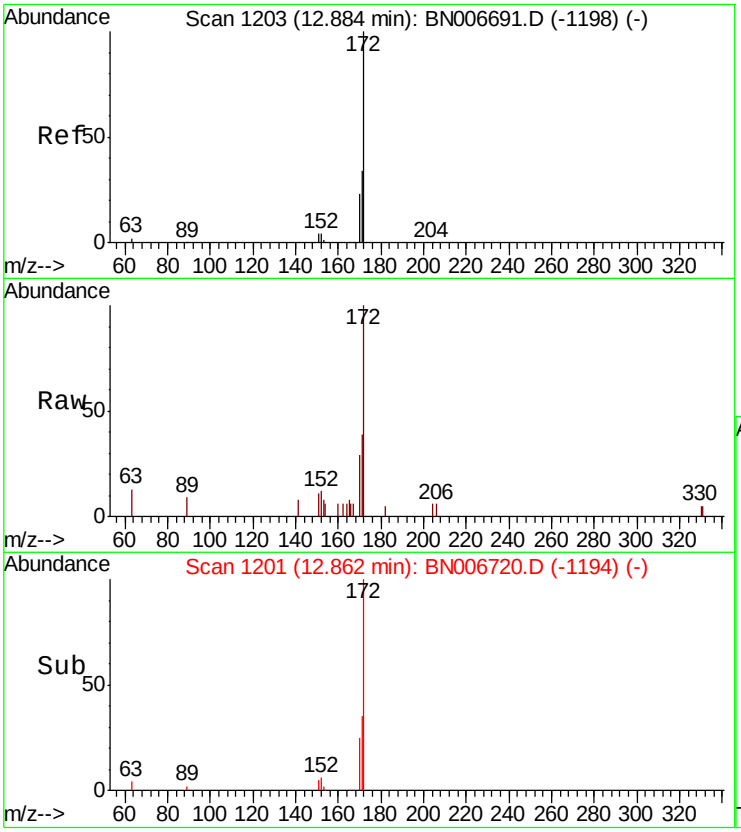


#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:330 Resp: 352

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	24.8	37.2#

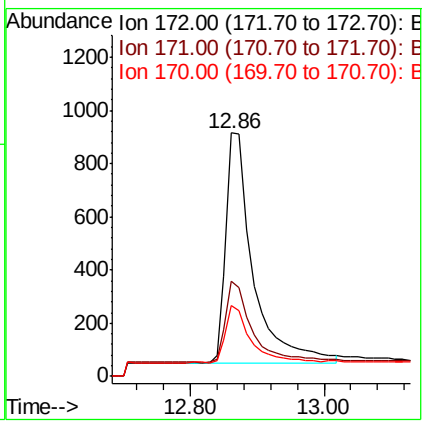




#15
2-Fluorobiphenyl
Concen: 0.077 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:172 Resp: 2450

Ion	Ratio	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	29.1	18.9	28.3#



Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

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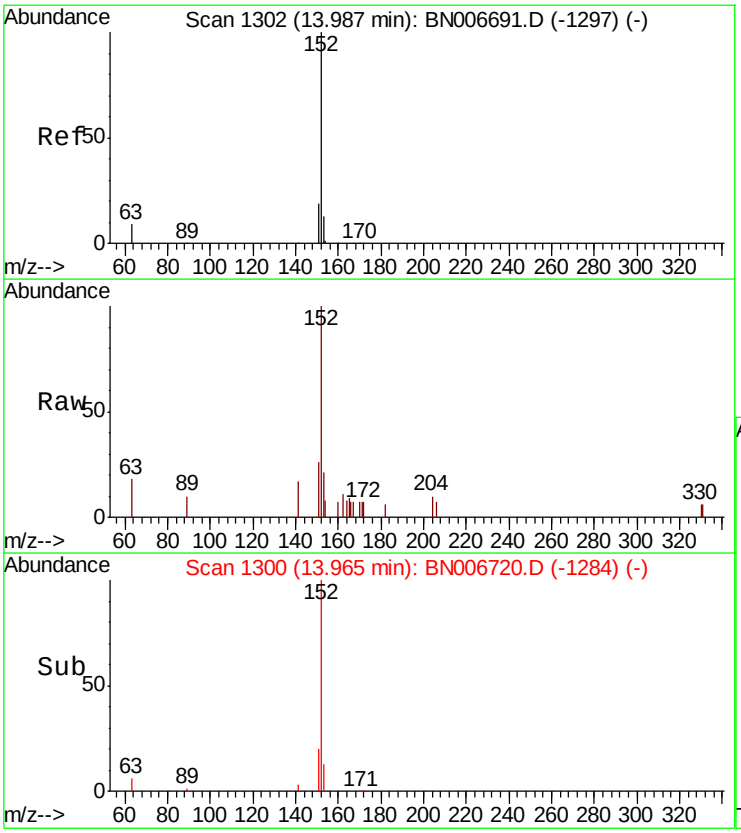
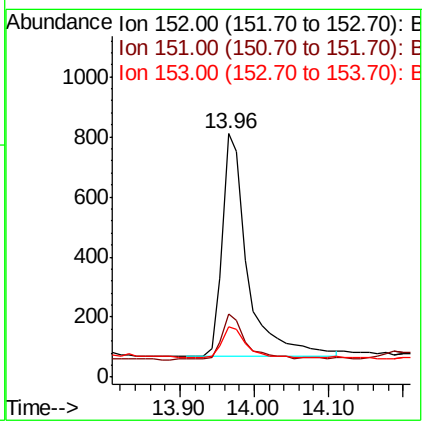
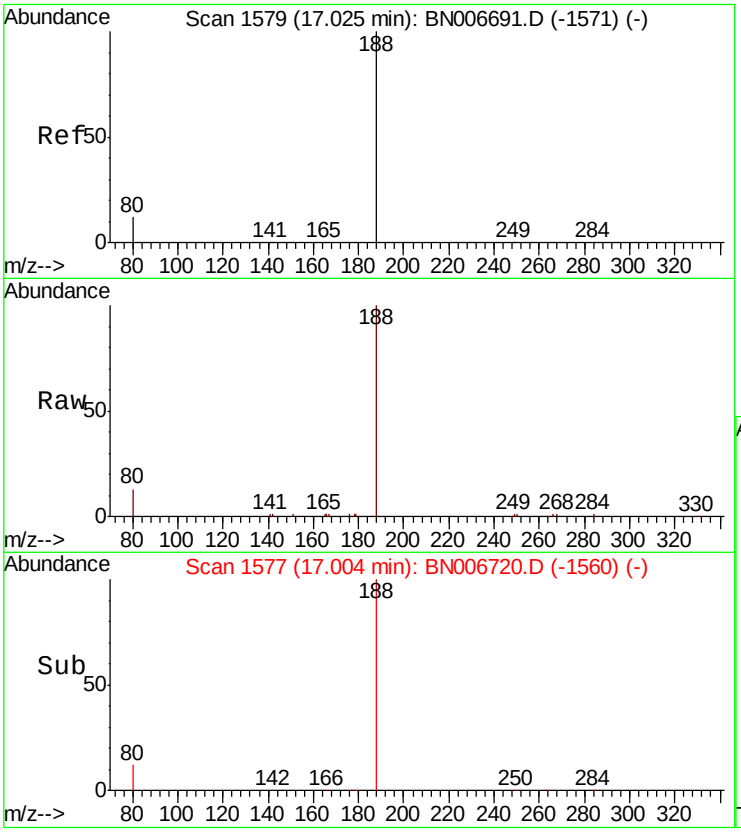


#16
Acenaphthylene
Concen: 0.044 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:152 Resp: 1757

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	12.6	10.6	15.8

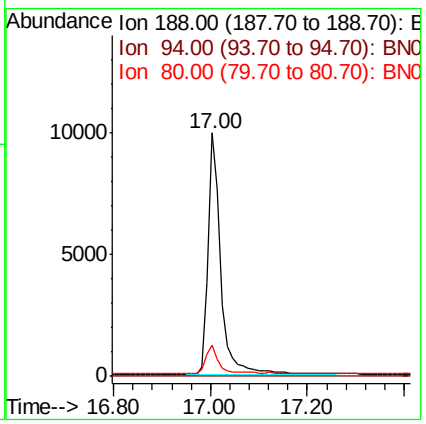




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:188 Resp: 18604

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

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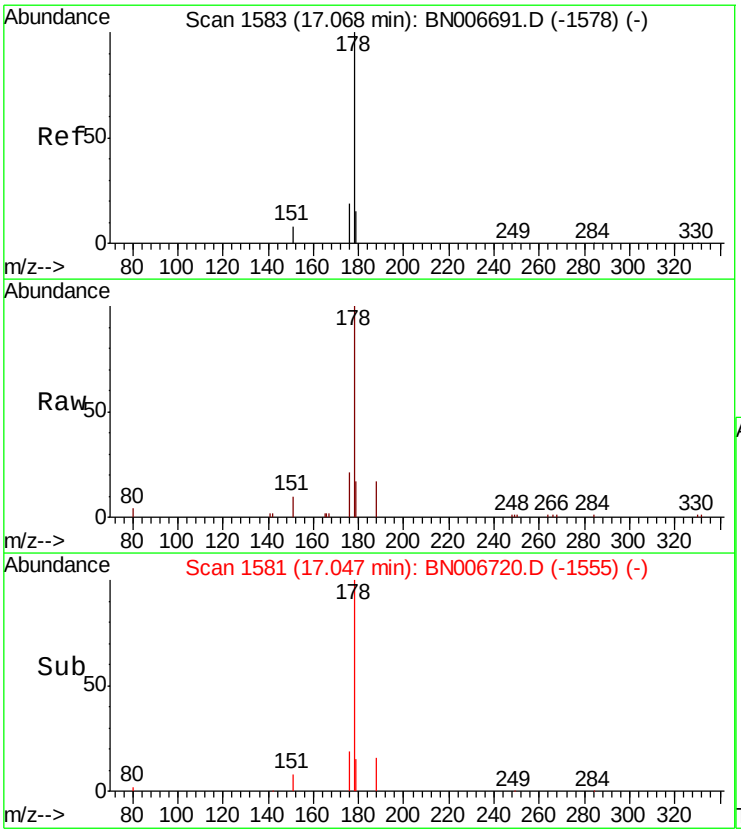
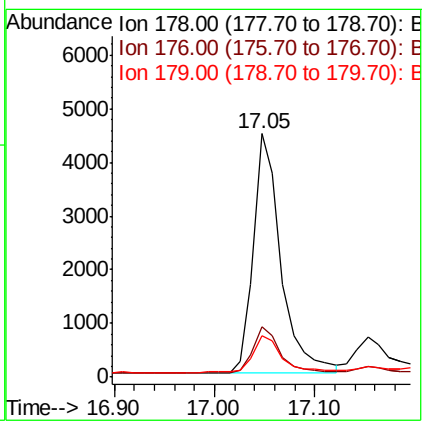
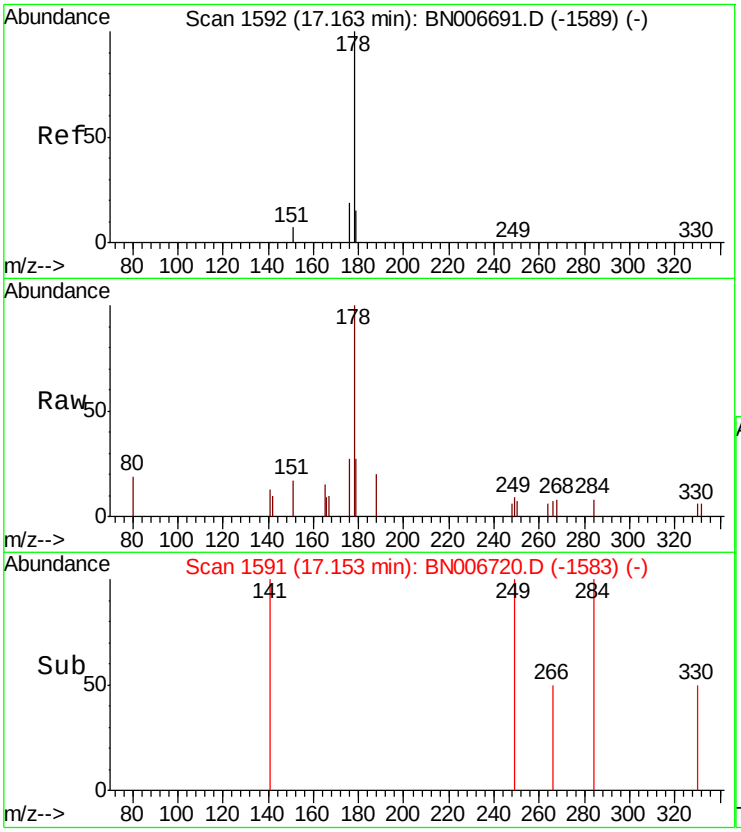


#23
Phenanthrene
Concen: 0.159 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:178 Resp: 8522

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.2	12.4	18.6

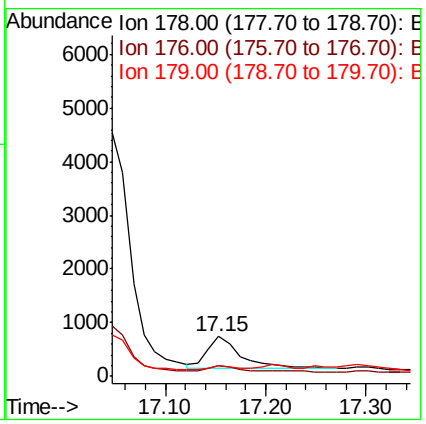




#24
Anthracene
Concen: 0.028 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:178 Resp: 1371

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	7.7	11.9	17.9#



Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

Manual Integrations APPROVED
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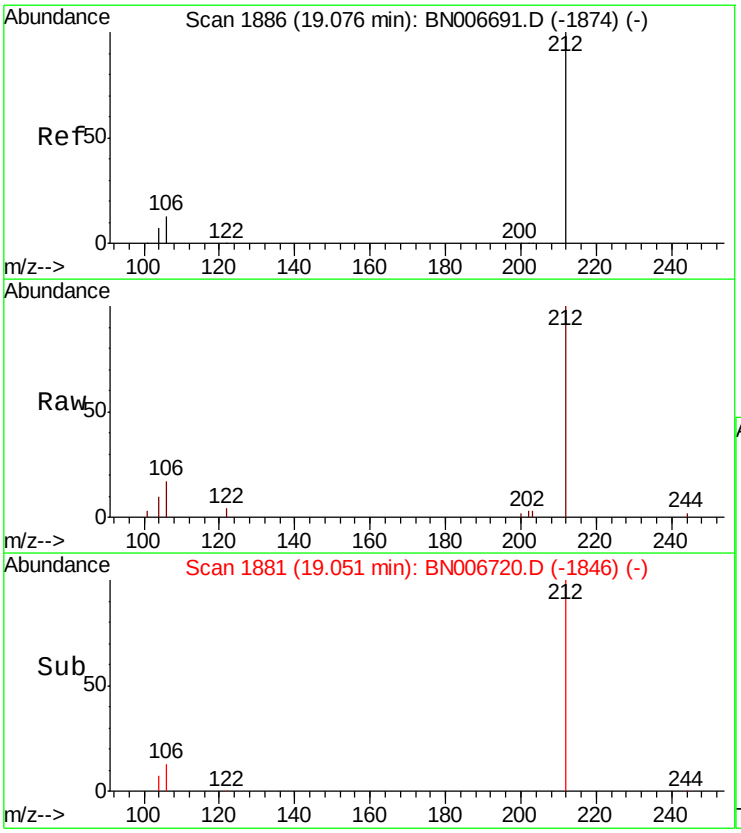
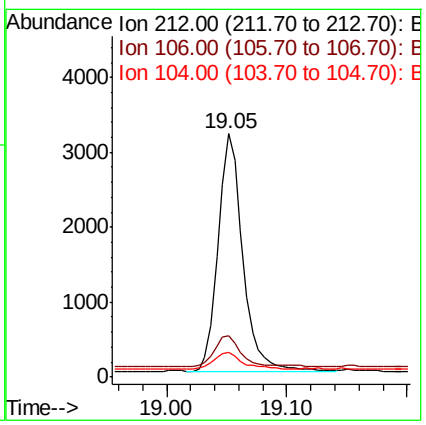
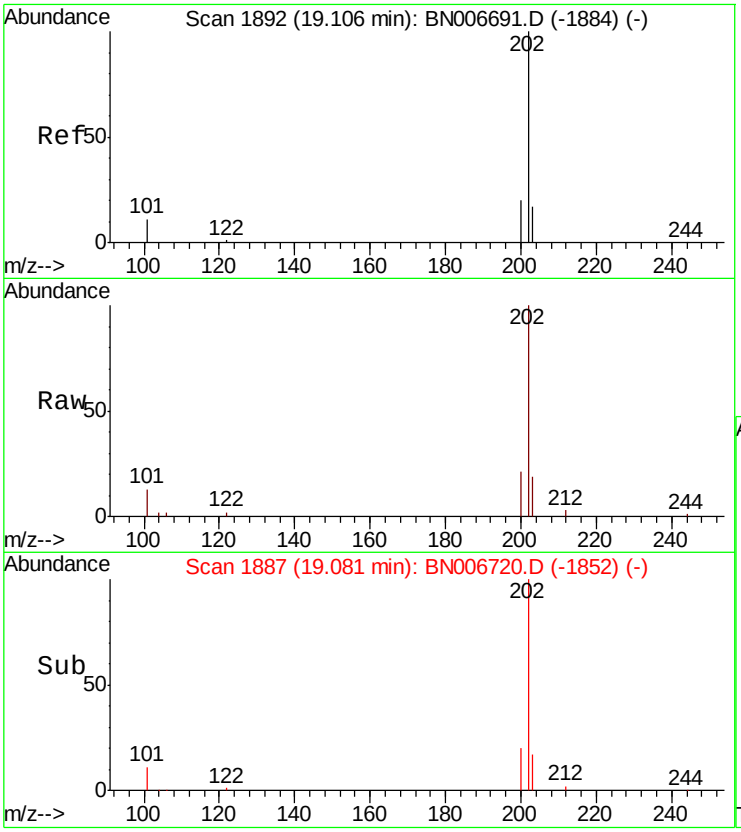


#25
Fluoranthene-d10
Concen: 0.085 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:212 Resp: 4538

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.0	16.6
104	8.1	6.1	9.1





#26
Fluoranthene
Concen: 0.193 ng
RT: 19.08 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:202 Resp: 12136

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.7	13.1
203	17.8	13.8	20.6

Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

Manual Integrations APPROVED
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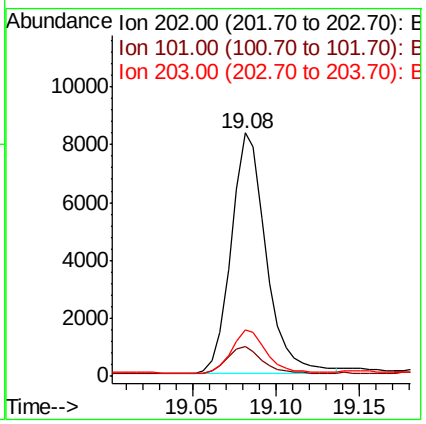
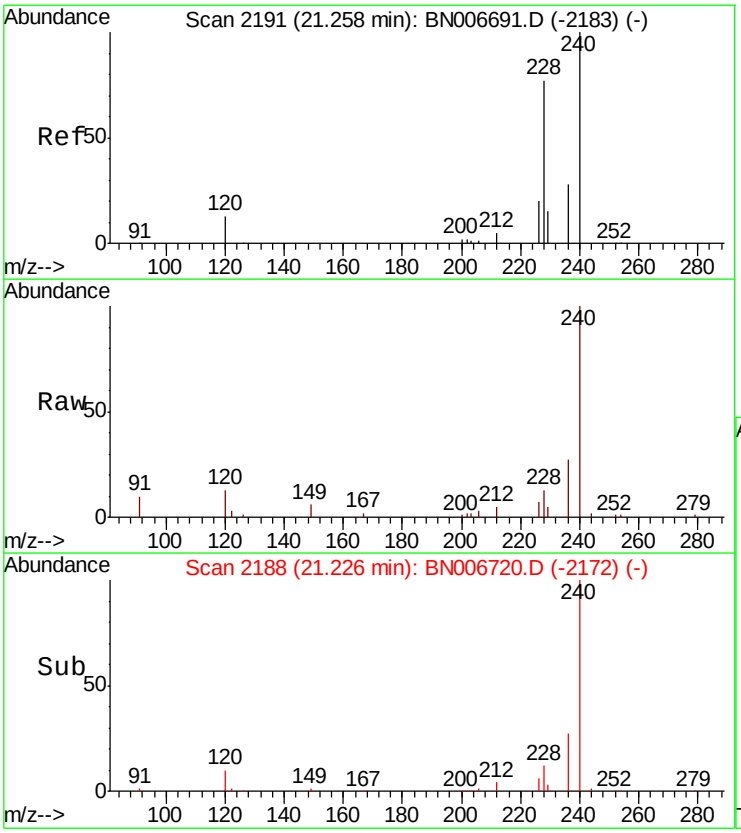
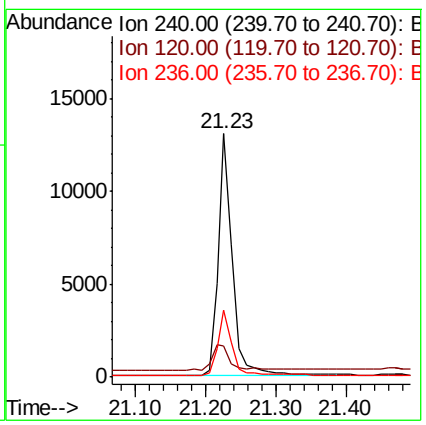


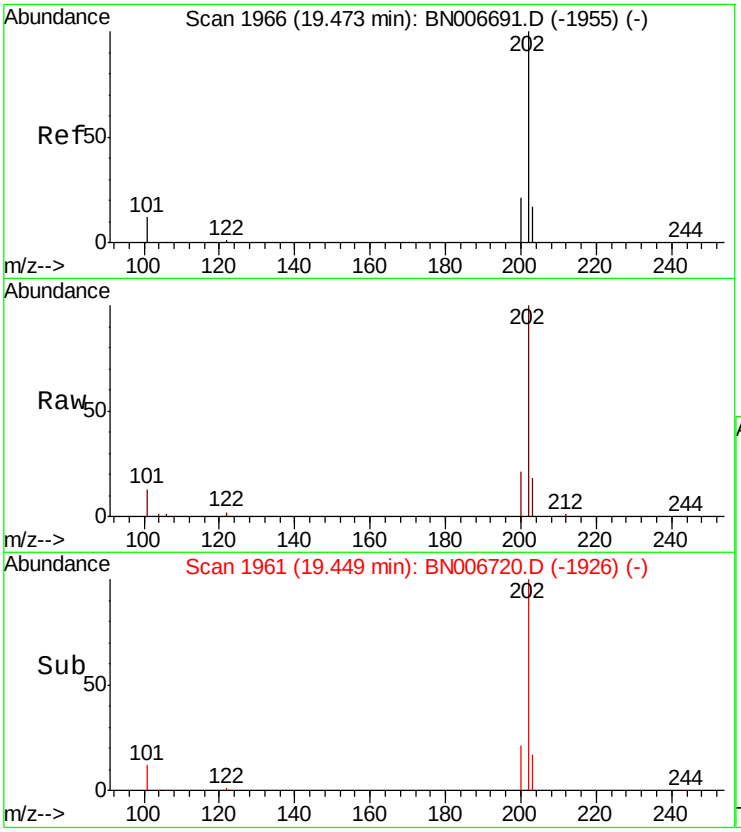


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:240 Resp: 18469

Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.9	19.3#
236	27.3	23.2	34.8

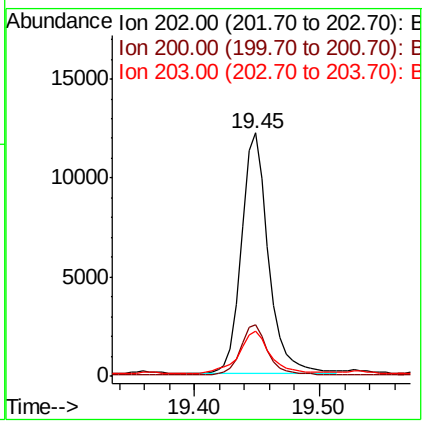




#28
Pyrene
Concen: 0.247 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:202 Resp: 18262

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	20.2	14.2	21.2



Instrument :
BNA_N
ClientSampleId :
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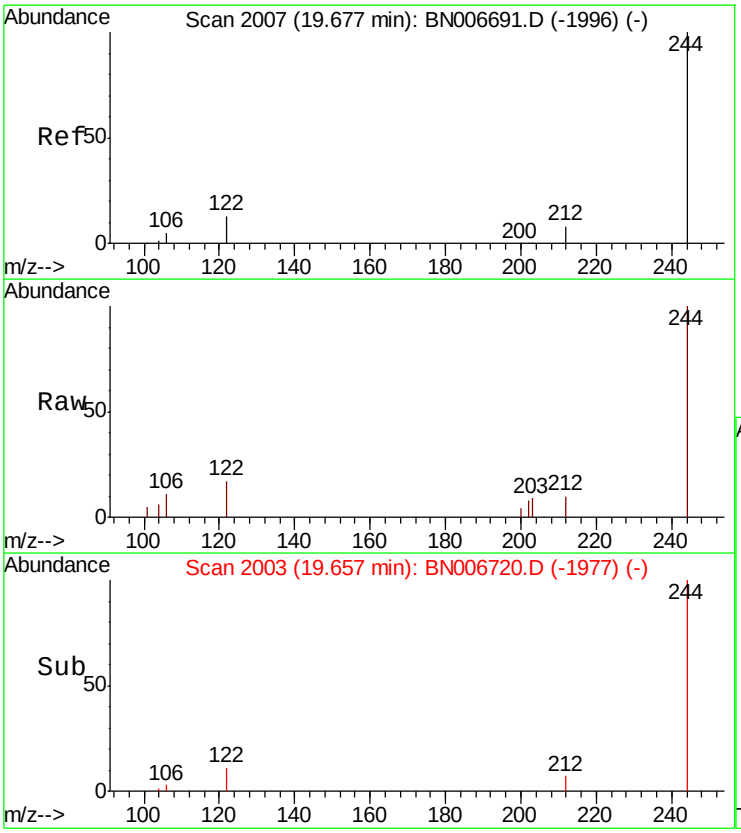
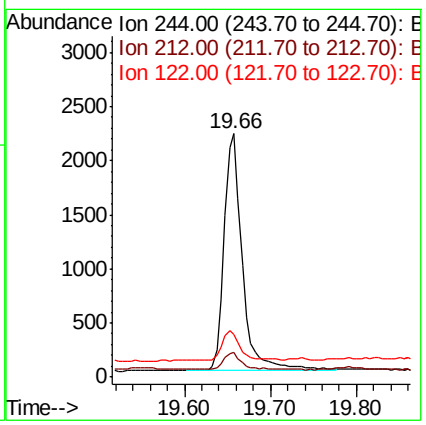
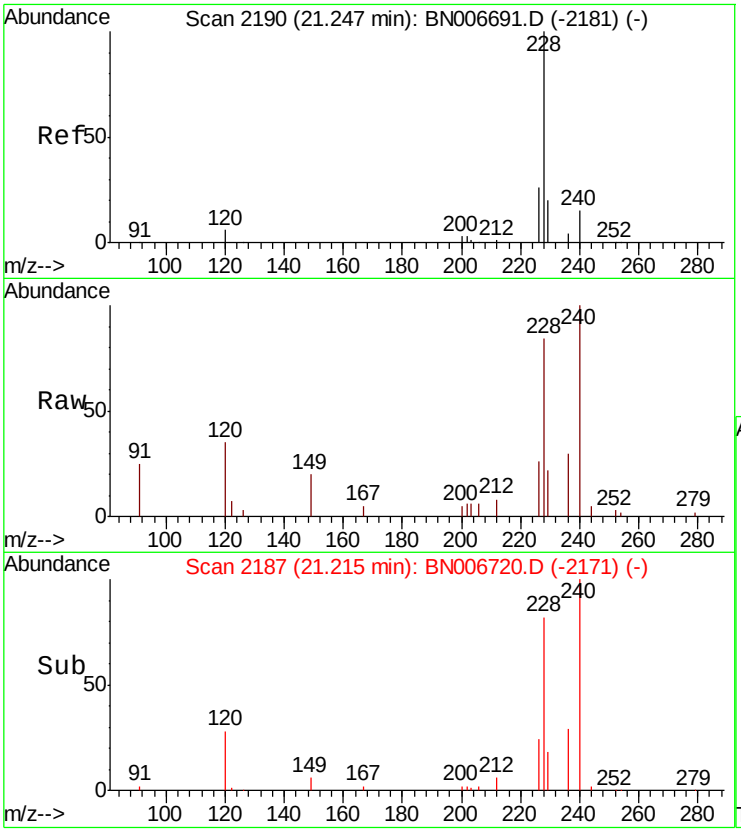


#29
Terphenyl-d14
Concen: 0.077 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:244 Resp: 3264

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.0	10.4
122	17.4	11.5	17.3#





#30
Benzo(a)anthracene
Concen: 0.119 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:228 Resp: 7552

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.5	32.3
229	26.0	16.2	24.4#

Instrument :
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ClientSampleId :
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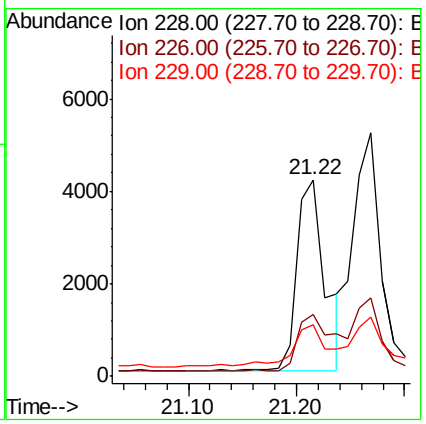
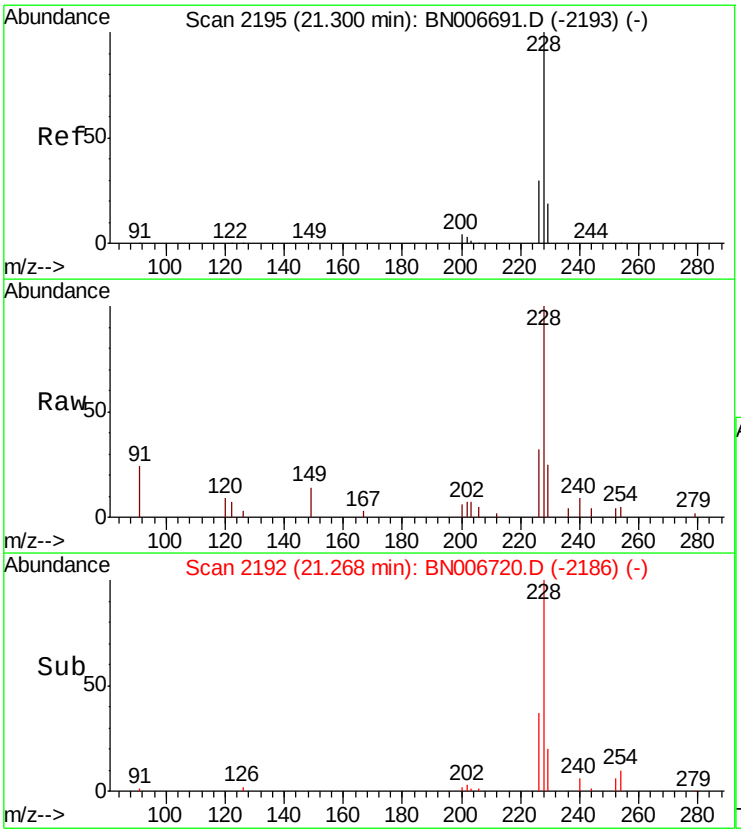
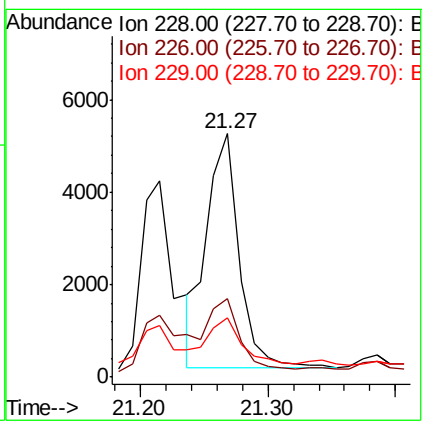


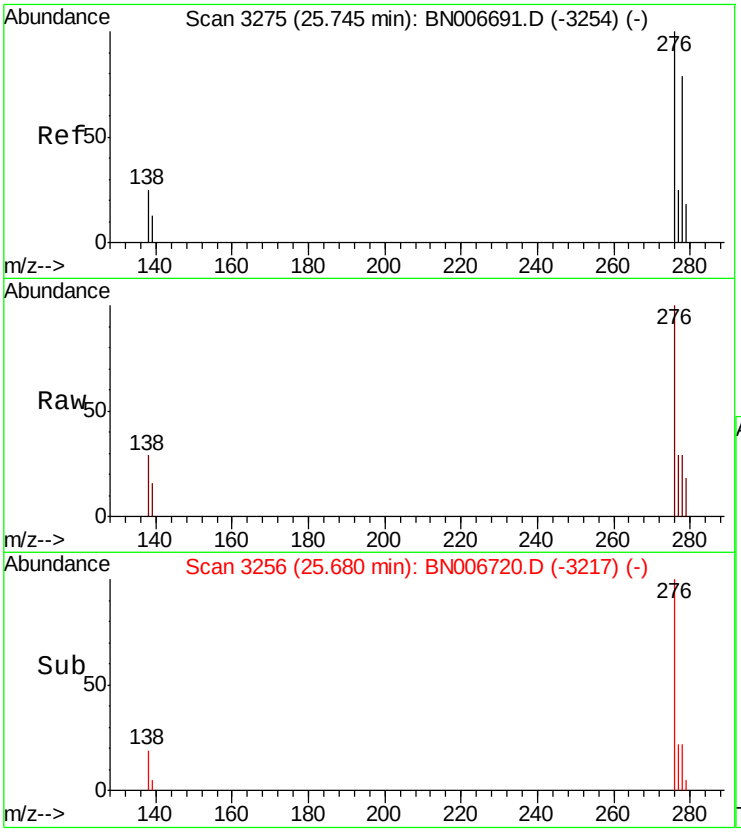


#31
Chrysene
Concen: 0.134 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:228 Resp: 8827

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.2	36.2
229	24.6	15.8	23.6#

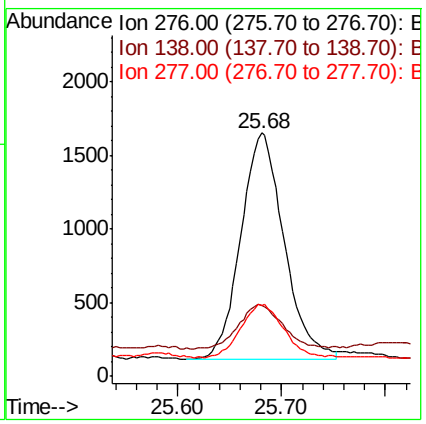




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng
RT: 25.68 min Scan# 3256
Delta R.T. -0.06 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:276 Resp: 4482

Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.5	29.3
277	23.5	19.7	29.5



Instrument :
BNA_N
ClientSampleId :
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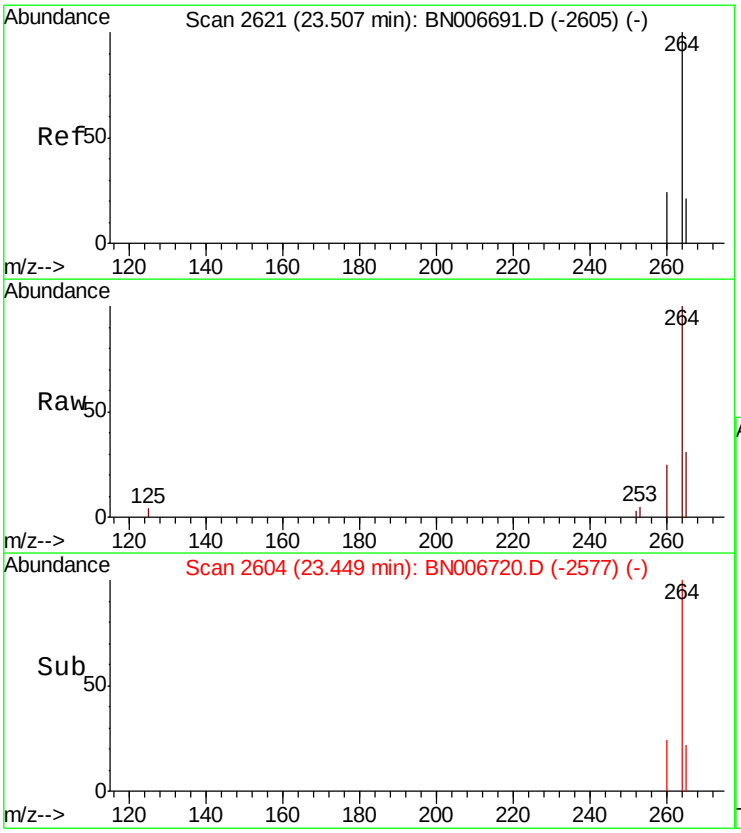
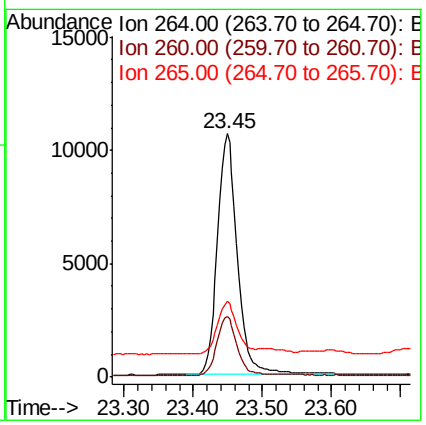
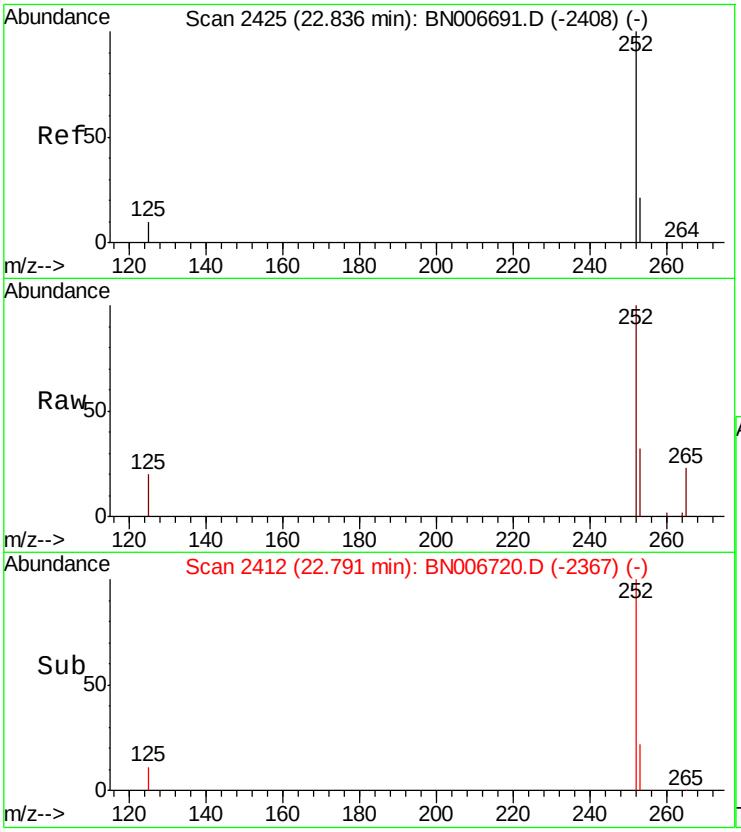


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2604
Delta R.T. -0.06 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:264 Resp: 21439

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	30.9	33.7	50.5#





#35
Benzo(b)fluoranthene
Concen: 0.130 ng
RT: 22.79 min Scan# 2412
Delta R.T. -0.04 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:252 Resp: 8926

Ion	Ratio	Lower	Upper
252	100		
253	31.9	20.2	30.2#
125	20.1	11.5	17.3#

Instrument :
BNA_N
ClientSampleId :
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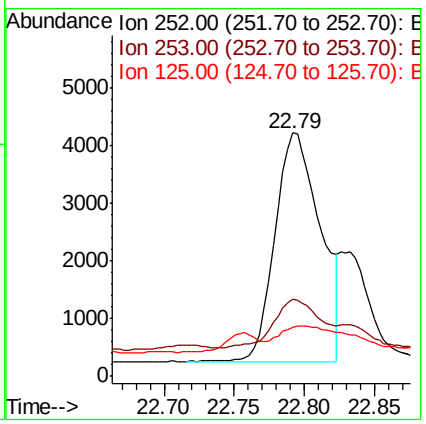
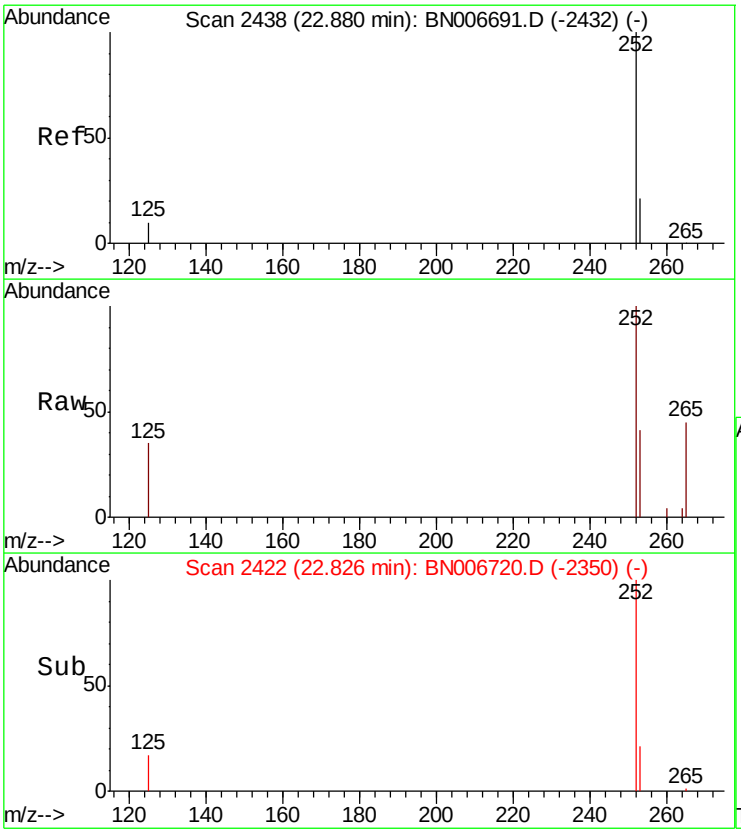
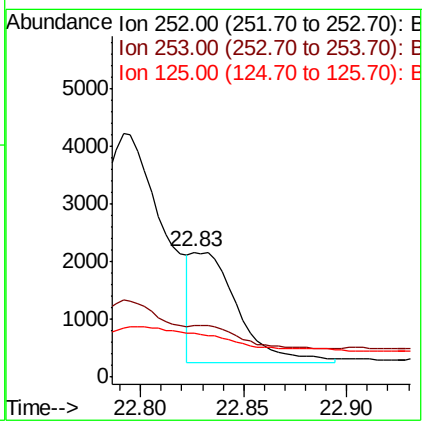


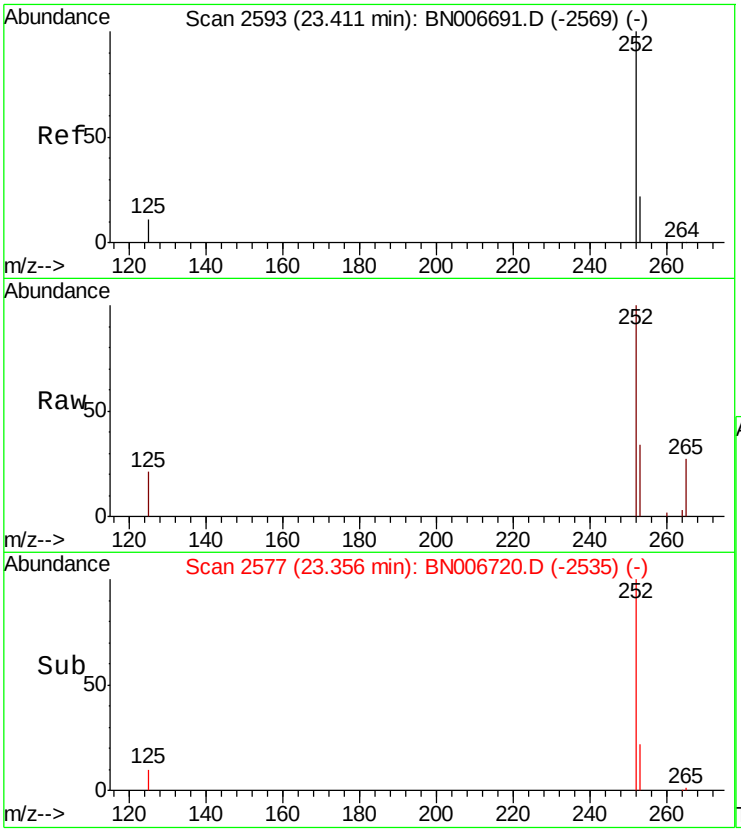


#36
Benzo(k)fluoranthene
Concen: 0.040 ng m
RT: 22.83 min Scan# 2422
Delta R.T. -0.05 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:252 Resp: 2991

Ion	Ratio	Lower	Upper
252	100		
253	41.2	20.1	30.1#
125	34.8	11.4	17.0#





#37
Benzo(a)pyrene
Concen: 0.099 ng
RT: 23.36 min Scan# 2577
Delta R.T. -0.05 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:252 Resp: 6626

Ion	Ratio	Lower	Upper
252	100		
253	33.8	21.4	32.2#
125	20.6	13.3	19.9#

Instrument :
BNA_N
ClientSampleId :
PST-016-B056-062619

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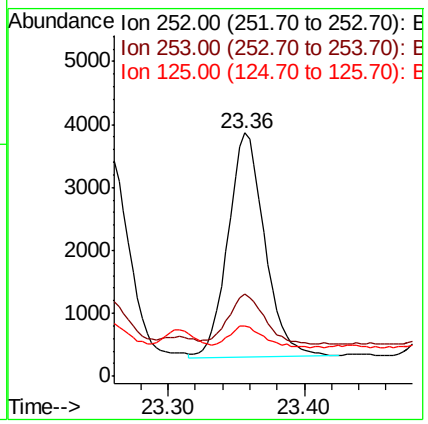

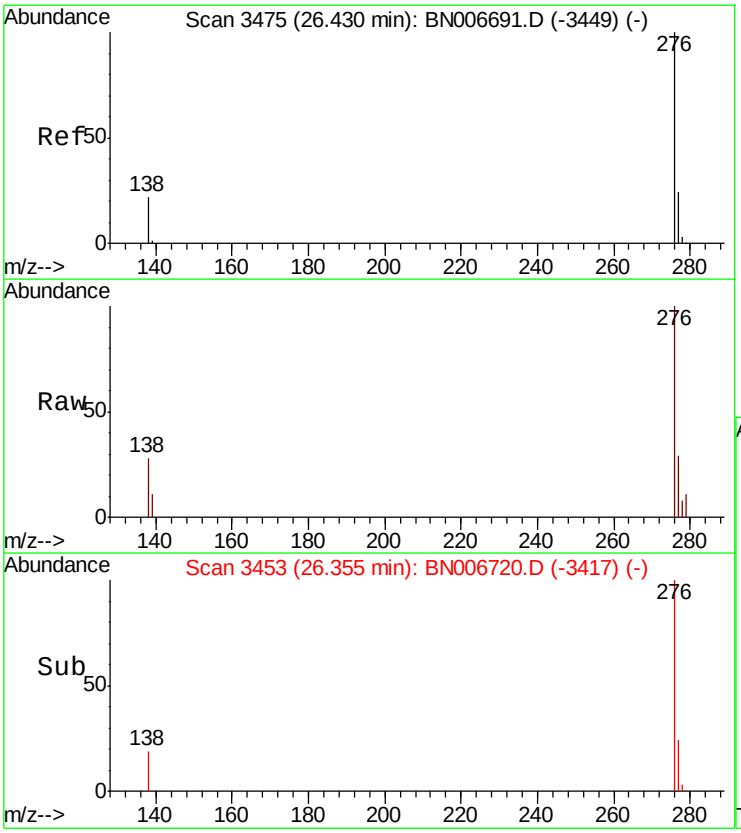

#39
Benzo(g,h,i)perylene
Concen: 0.080 ng
RT: 26.35 min Scan# 3453
Delta R.T. -0.08 min
Lab File: BN006720.D
Acq: 05 Jul 2019 17:42

Tgt Ion:276 Resp: 5437

Ion	Ratio	Lower	Upper
276	100		
277	28.9	20.6	30.8
138	28.5	19.7	29.5