Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111990.D
Acq On : 10 Jan 2019 16:33
Operator : JU/SJ
Sample : K1094-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

Manual Integrations APPROVED
Sohil
1/11/2019 4:42:53 PM

Quant Time: Jan 11 01:21:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122159	20.00	ng		-0.02
21) Naphthalene-d8	8.16	136	315316	20.00	ng		-0.02
39) Acenaphthene-d10	9.93	164	137654	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	148336	20.00	ng		0.05
76) Chrysene-d12	14.08	240	304196	20.00	ng		0.02
87) Perylene-d12	15.54	264	202233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	781043	109.38	ng		-0.01
7) Phenol-d6	6.53	99	1225935	133.21	ng		0.00
23) Nitrobenzene-d5	7.43	82	644394	109.22	ng		-0.02
42) 2,4,6-Tribromophenol	10.73	330	190438	106.36	ng		0.01
45) 2-Fluorobiphenyl	9.23	172	607261	64.33	ng		-0.02
79) Terphenyl-d14	13.05	244	617341	38.52	ng		0.05
Target Compounds							Qvalue
10) Phenol	6.53	94	40667	4.066	ng		90
31) Naphthalene	8.18	128	141126	9.428	ng		99
37) 2-Methylnaphthalene	8.87	142	127619	13.760	ng		99
38) 1-Methylnaphthalene	8.97	142	61503	6.914	ng		97
50) Dimethylphthalate	9.63	163	326328	31.558	ng	#	93
84) Bis(2-ethylhexyl)phthalate	14.03	149	94281	8.113	ng	#	92
88) Benzo(b)fluoranthene	15.10	252	31269m	2.585	ng		

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111990.D
Acq On : 10 Jan 2019 16:33
Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

Manual Integrations APPROVED
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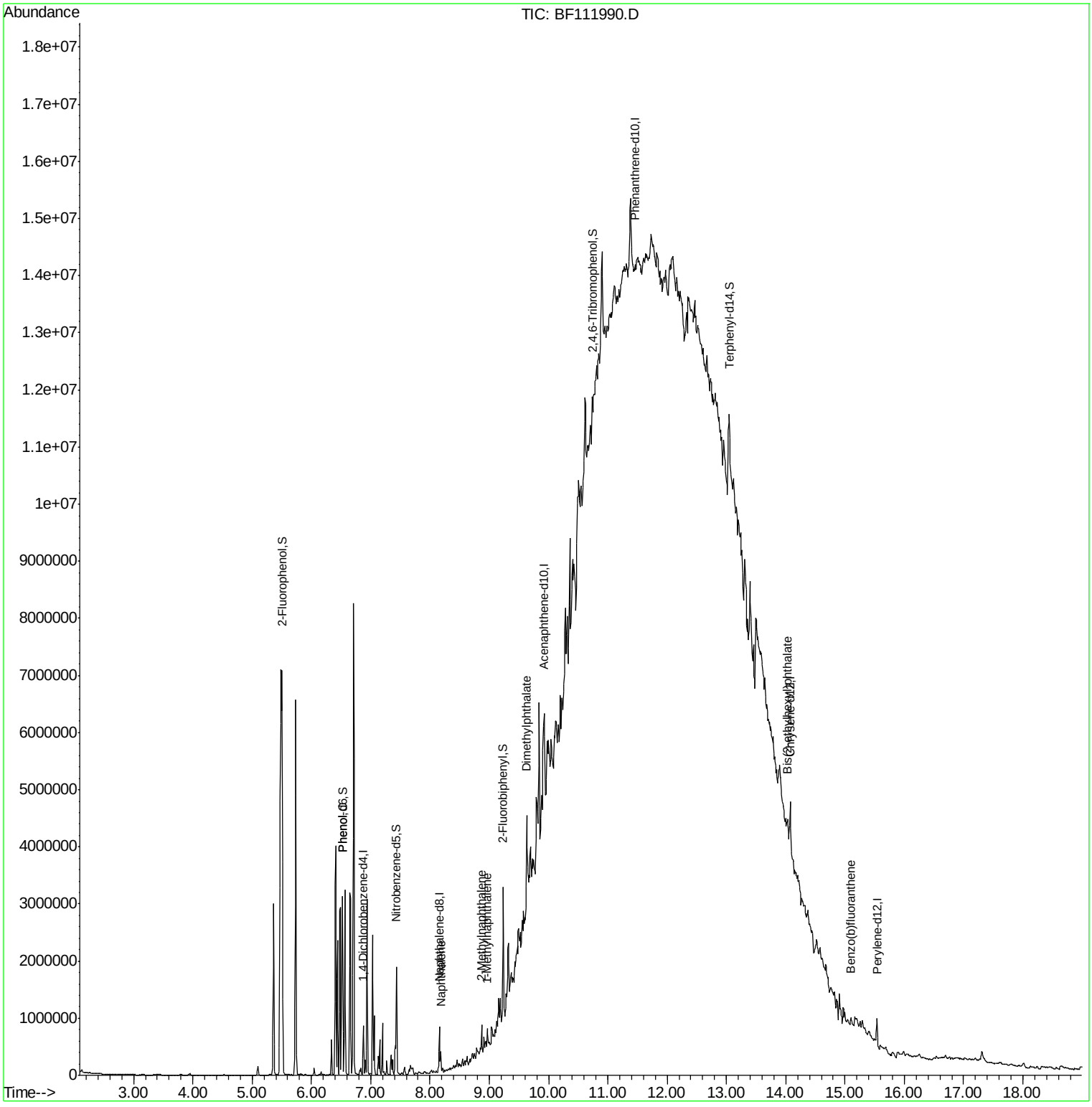
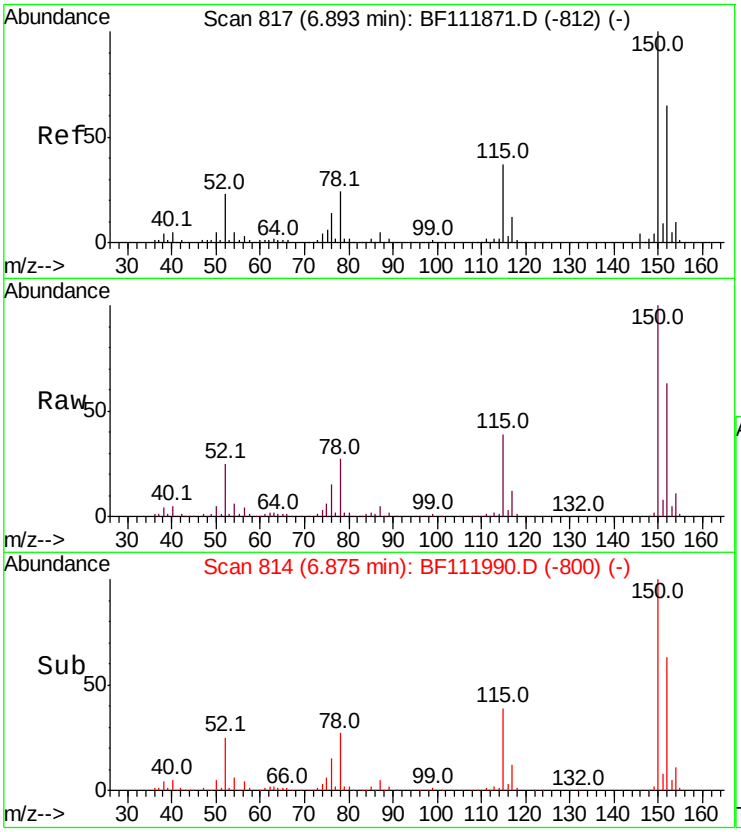
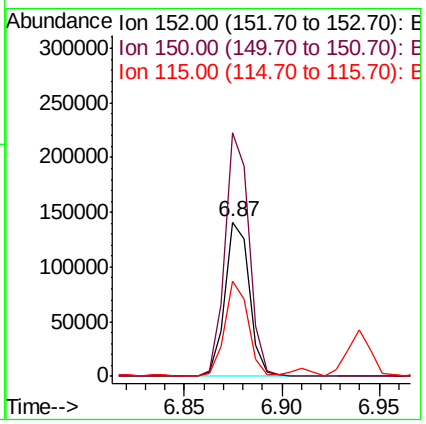




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:152 Resp: 122159

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	61.5	45.2	67.8



Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

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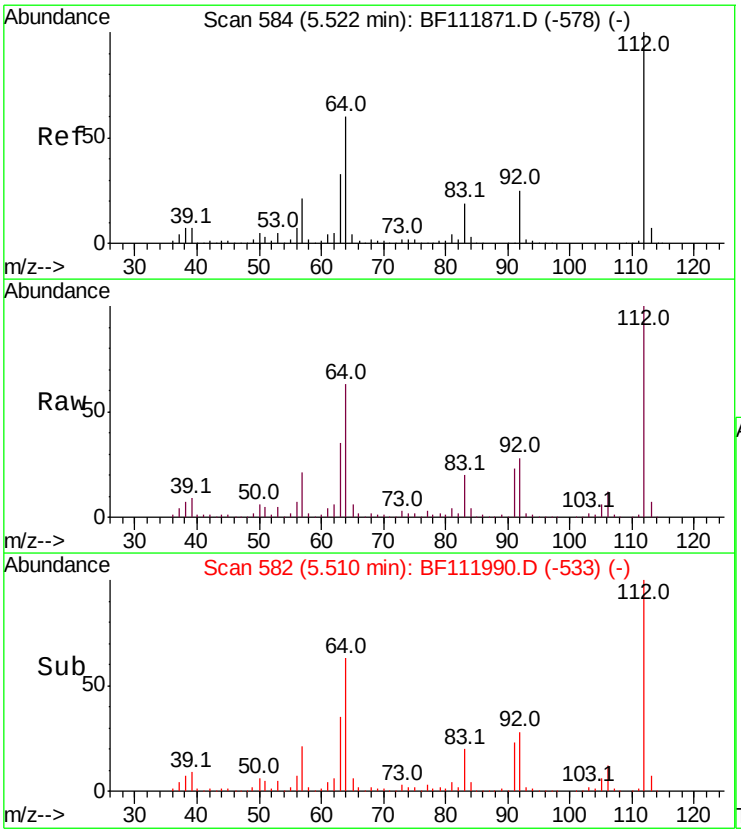
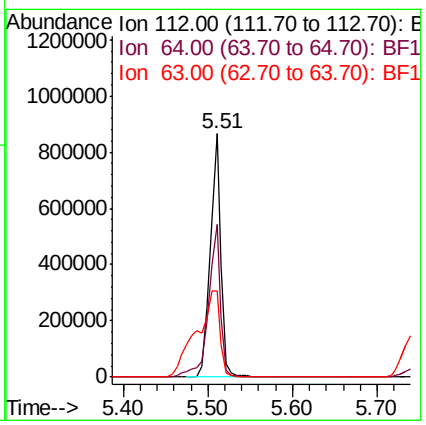
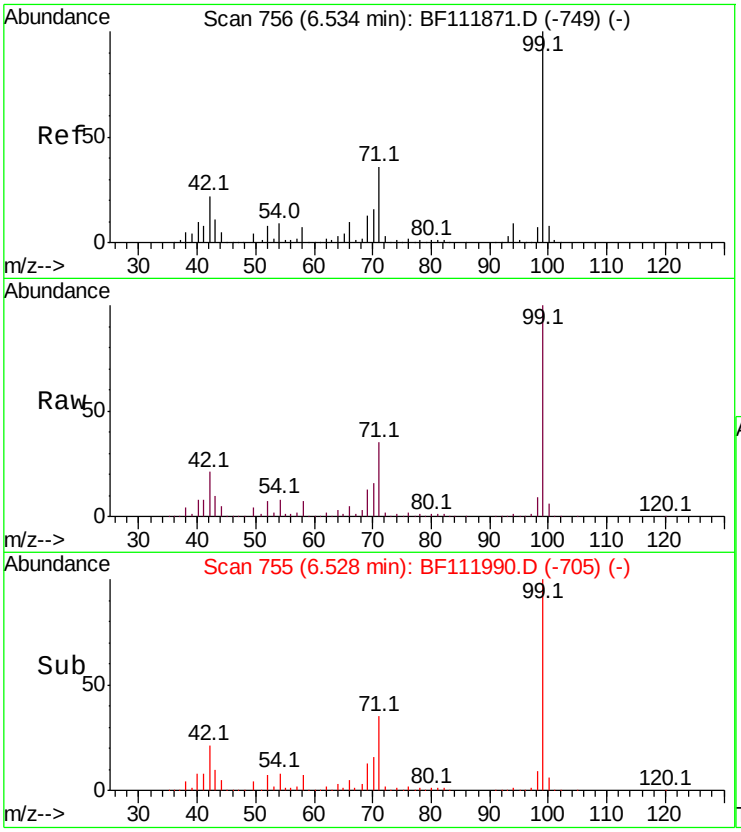


#5
2-Fluorophenol
Concen: 109.384 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:112 Resp: 781043

Ion	Ratio	Lower	Upper
112	100		
64	62.6	48.3	72.5
63	35.2	26.1	39.1

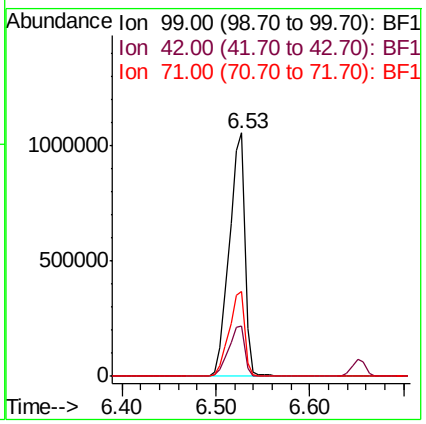




#7
Phenol-d6
Concen: 133.209 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion: 99 Resp: 1225935

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.9	26.9
71	34.7	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

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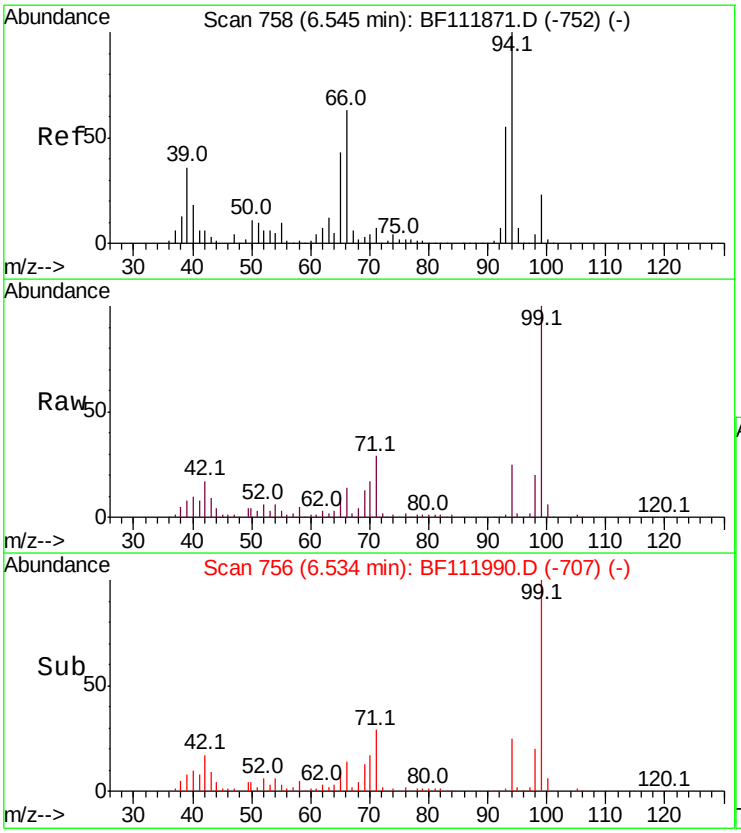
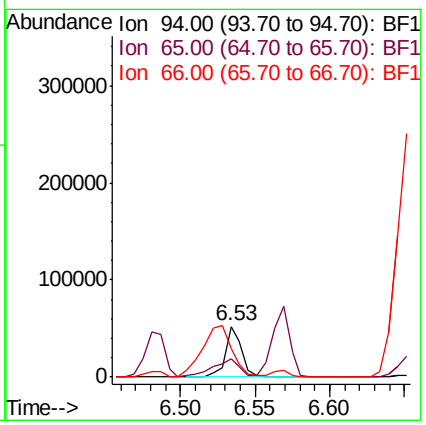
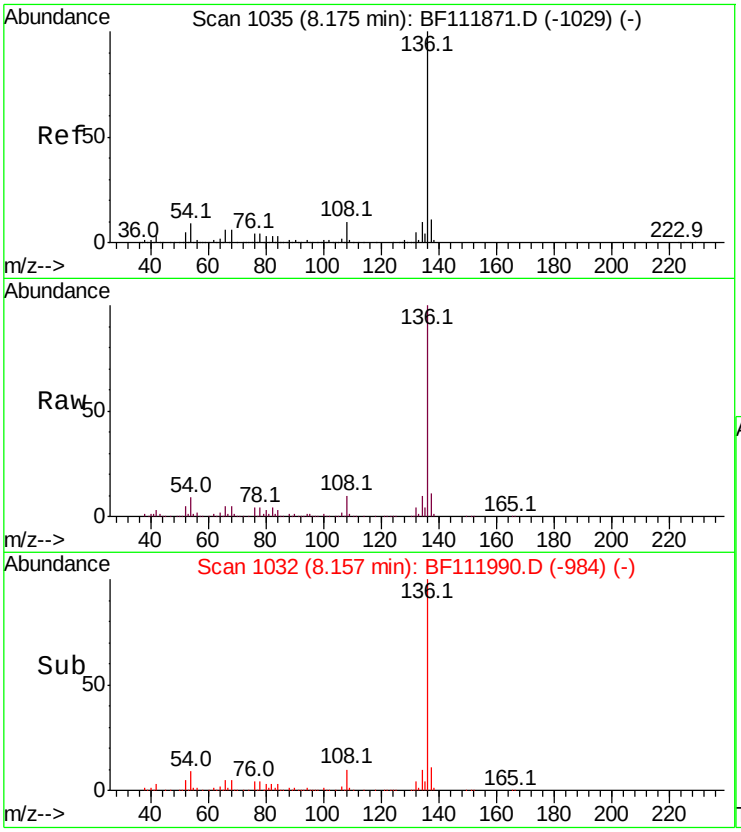


#10
Phenol
Concen: 4.066 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion: 94 Resp: 40667

Ion	Ratio	Lower	Upper
94	100		
65	35.6	22.8	62.8
66	55.8	43.3	83.3

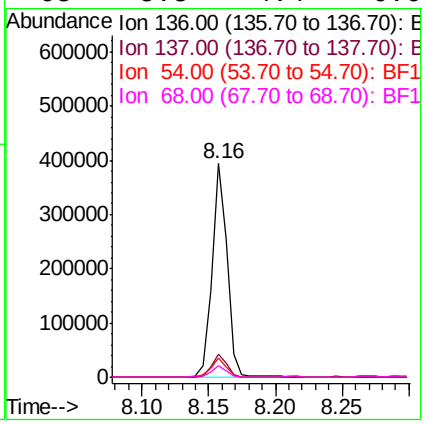




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:136 Resp: 315316

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.8	7.2	10.8
68	5.3	4.4	6.6



Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

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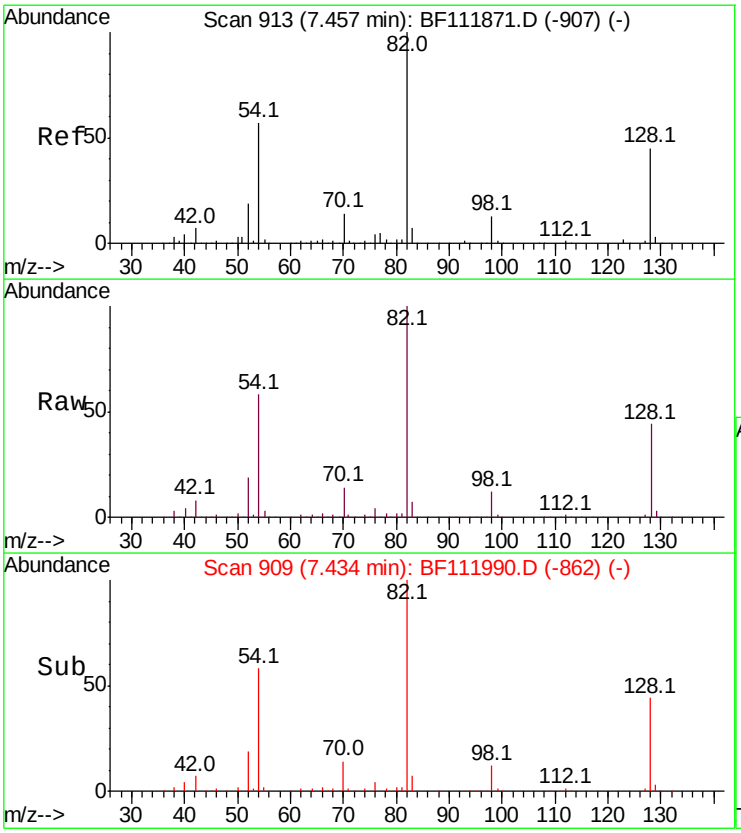
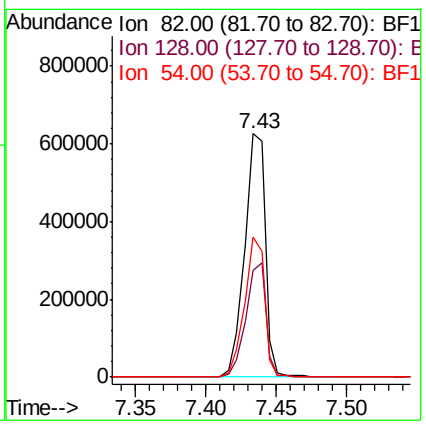
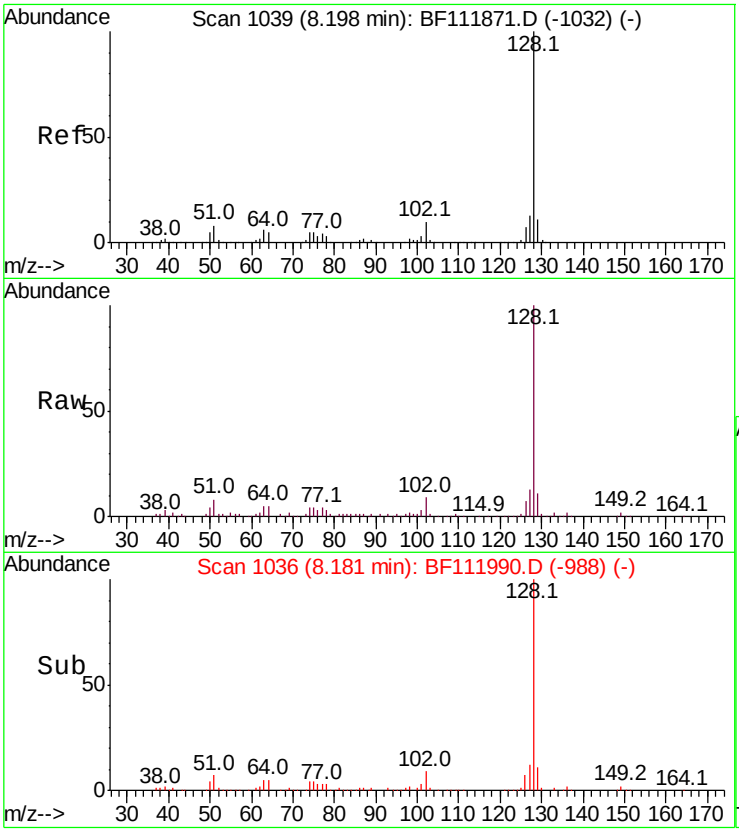


#23
Nitrobenzene-d5
Concen: 109.223 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion: 82 Resp: 644394

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	57.7	45.8	68.8

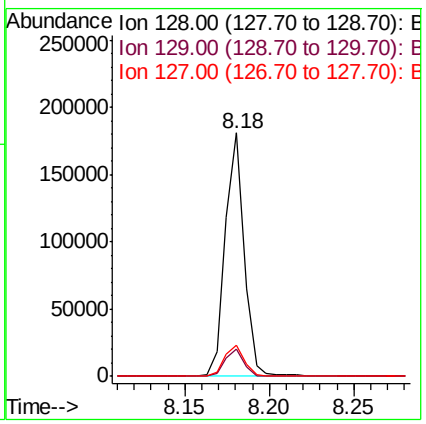




#31
Naphthalene
Concen: 9.428 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:128 Resp: 141126

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
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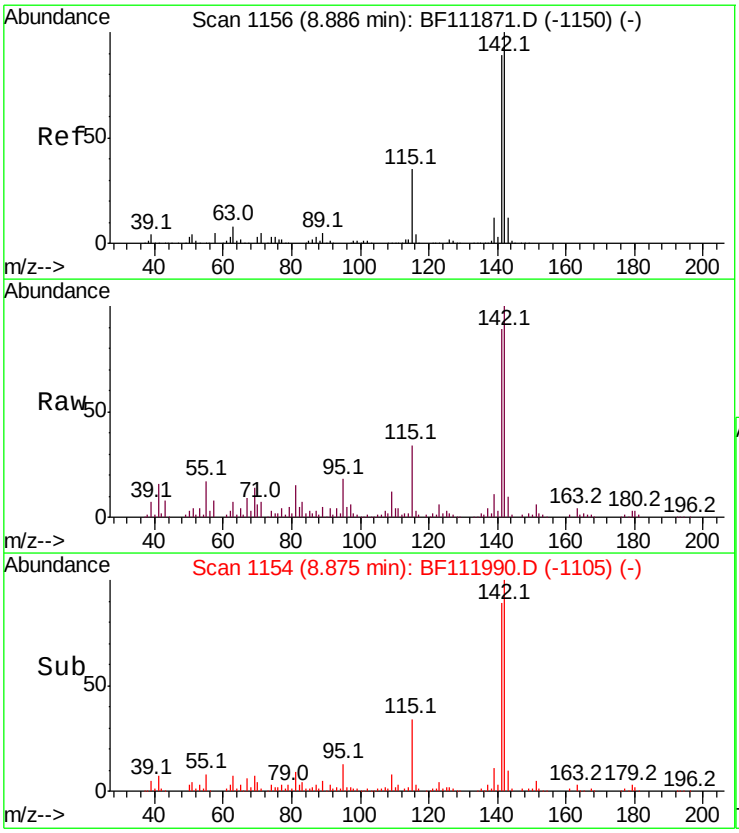
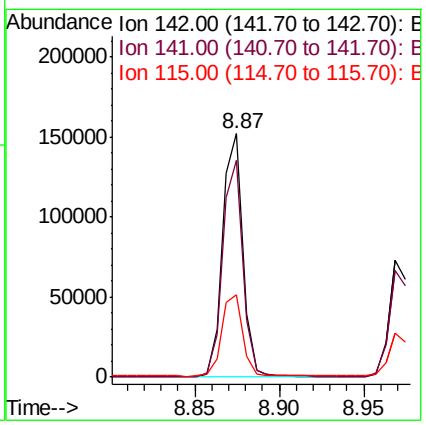
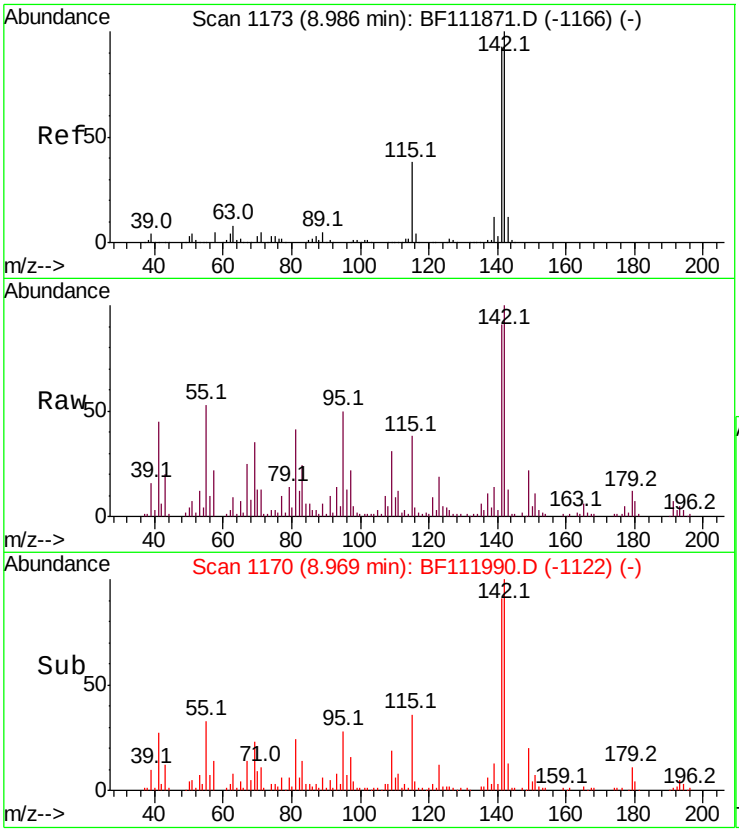


#37
2-Methylnaphthalene
Concen: 13.760 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:142 Resp: 127619

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	34.0	28.3	42.5

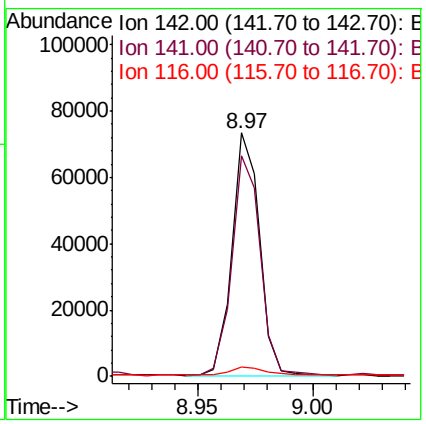




#38
1-Methylnaphthalene
Concen: 6.914 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:142 Resp: 61503

Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.8	112.2
116	3.9	3.1	4.7



Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

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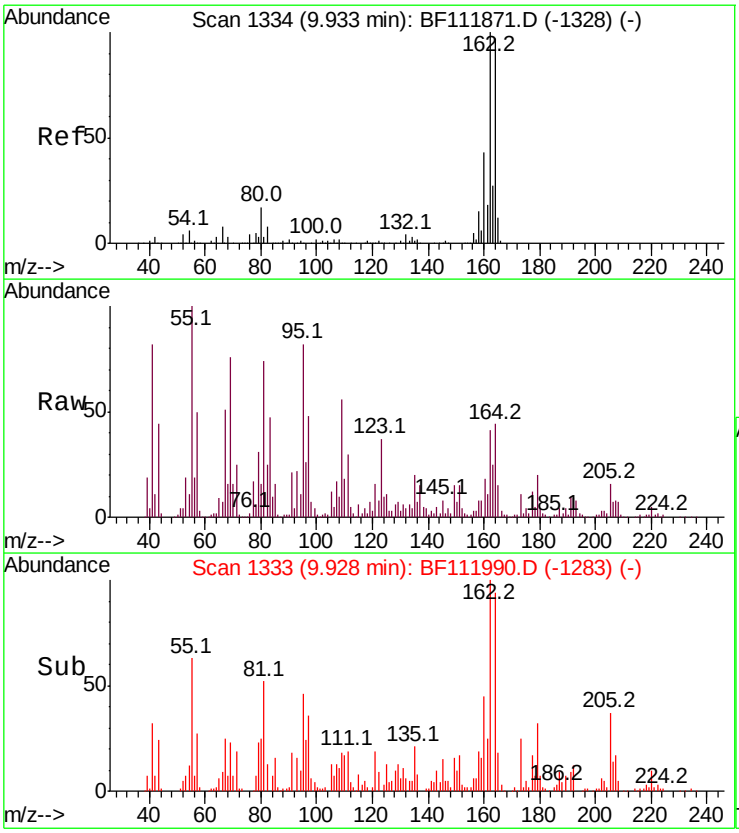
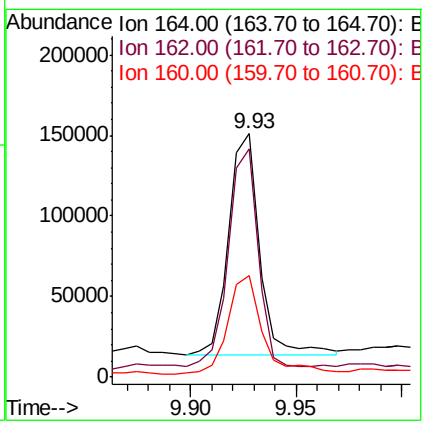
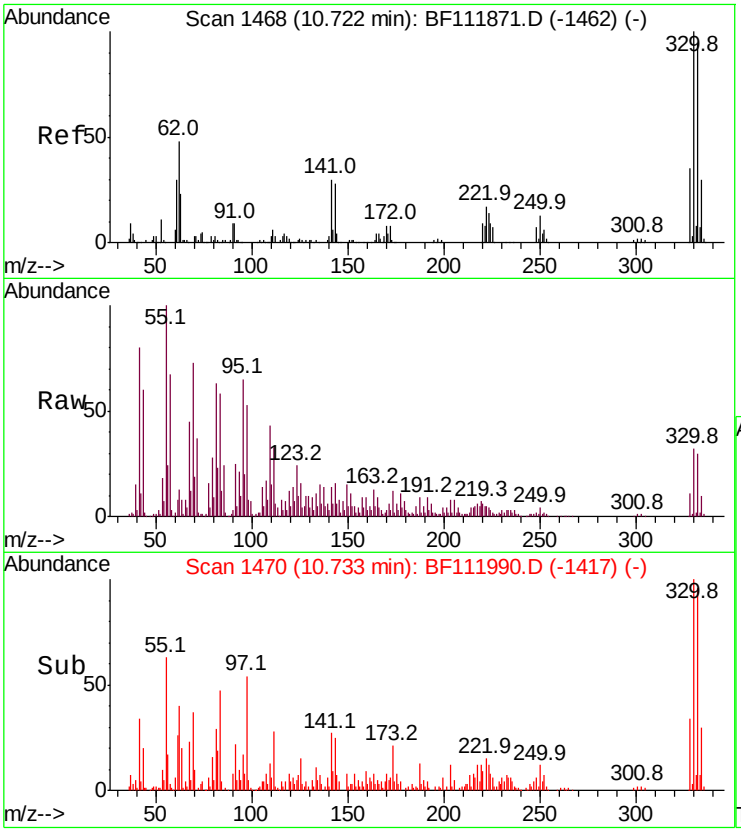


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:164 Resp: 137654

Ion	Ratio	Lower	Upper
164	100		
162	93.6	82.2	123.2
160	41.7	35.5	53.3

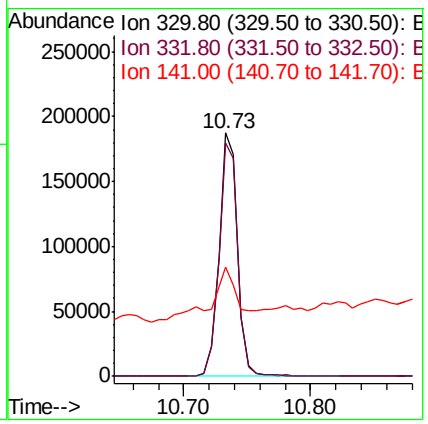




#42
2,4,6-Tribromophenol
Concen: 106.363 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:330 Resp: 190438

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	27.9	23.7	35.5



Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

Manual Integrations APPROVED
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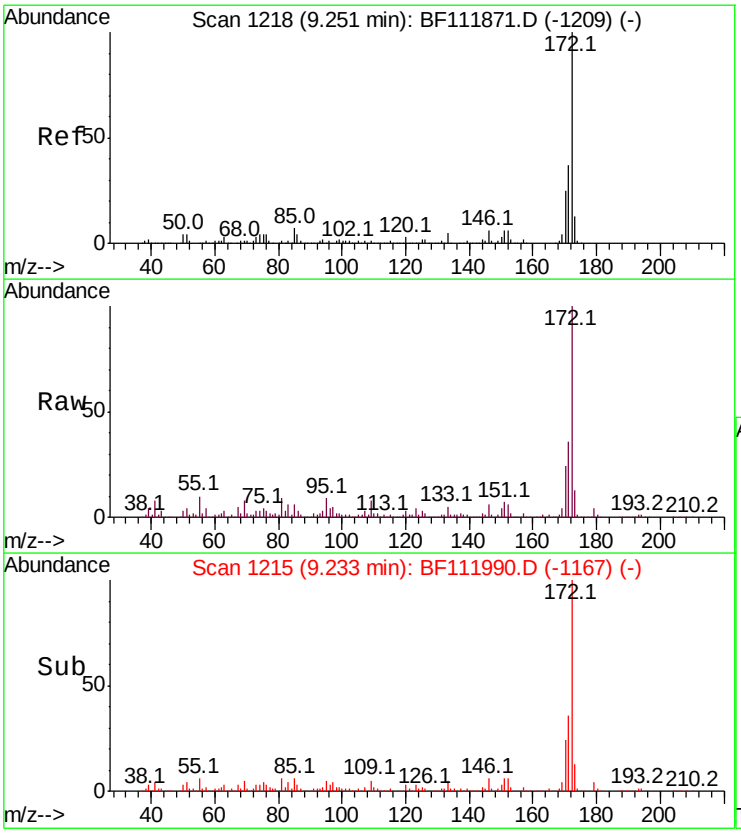
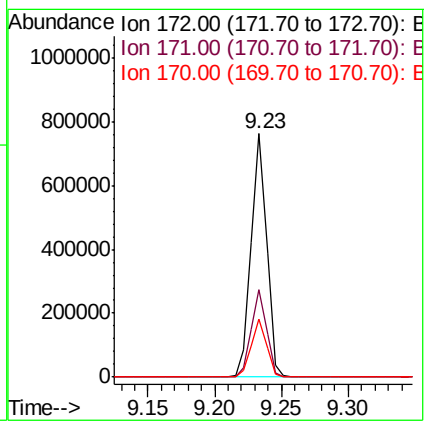
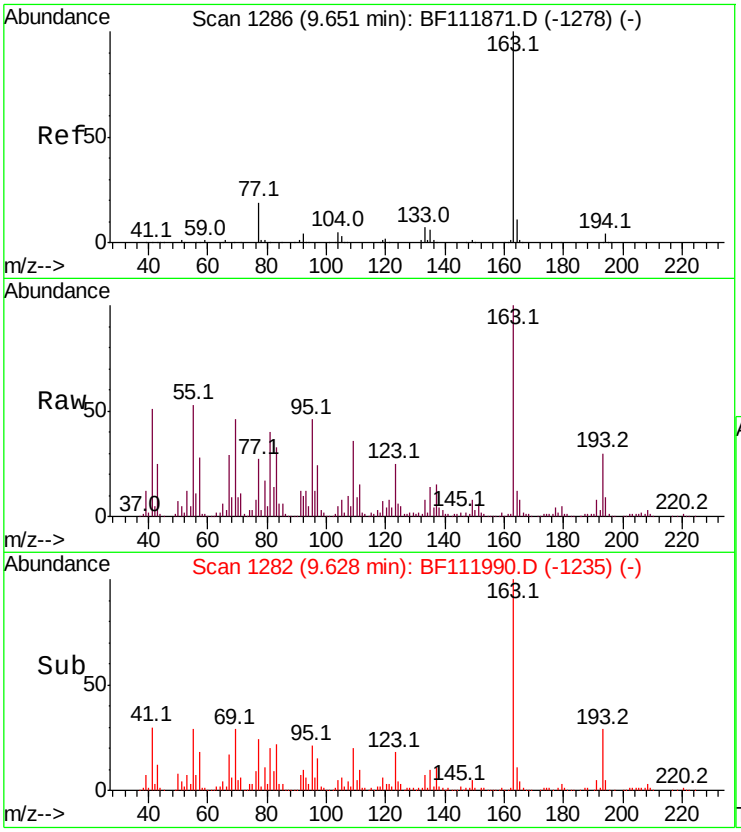


#45
2-Fluorobiphenyl
Concen: 64.329 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:172 Resp: 607261

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8

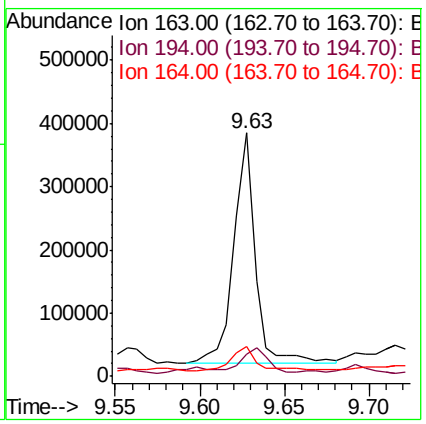




#50
Dimethylphthalate
Concen: 31.558 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:163 Resp: 326328

Ion	Ratio	Lower	Upper
163	100		
194	9.1	3.4	5.2#
164	12.2	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

Manual Integrations APPROVED
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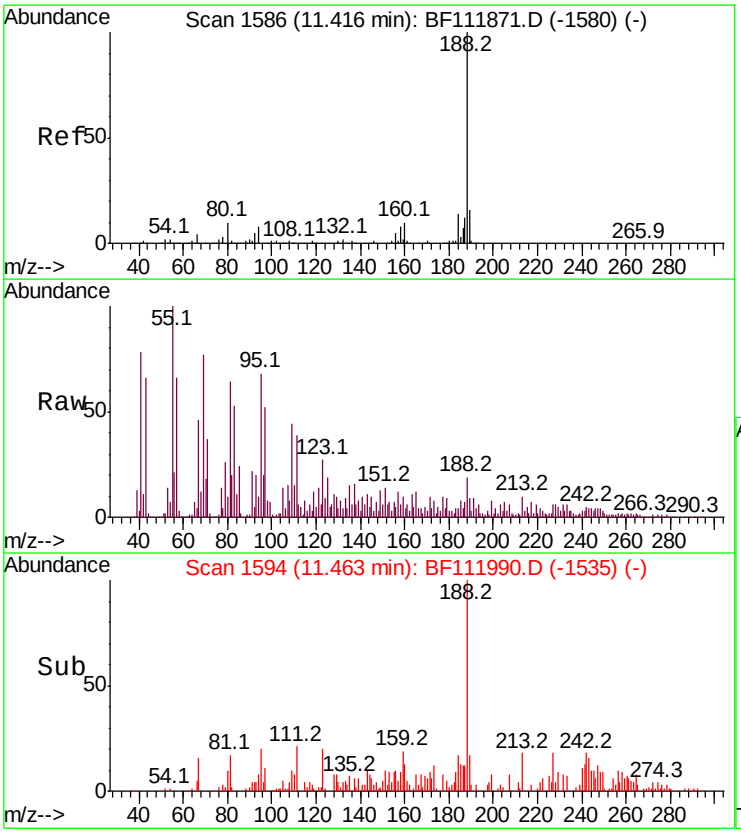
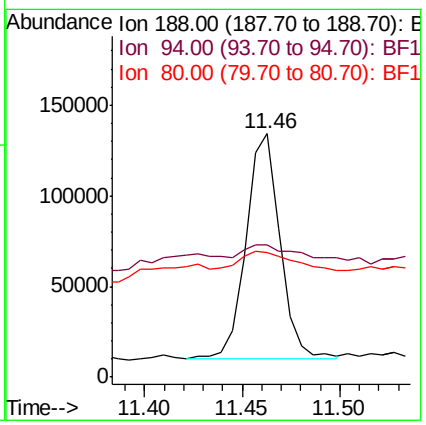
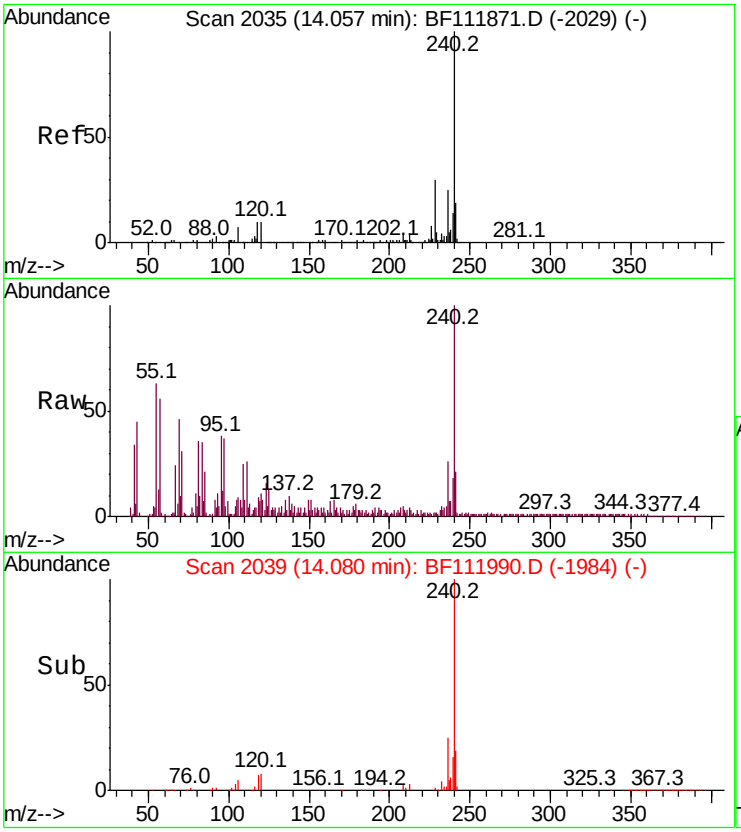


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.05 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:188 Resp: 148336

Ion	Ratio	Lower	Upper
188	100		
94	54.2	6.6	10.0#
80	51.3	7.7	11.5#

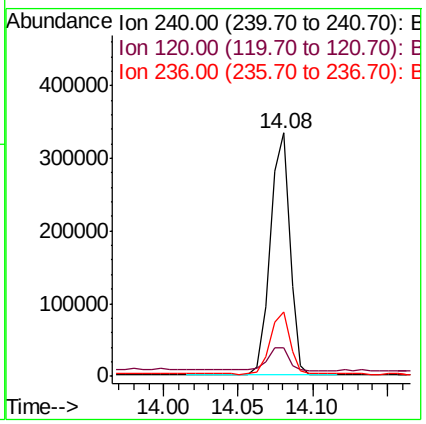




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:240 Resp: 304196

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.2	12.2
236	26.5	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

Manual Integrations APPROVED
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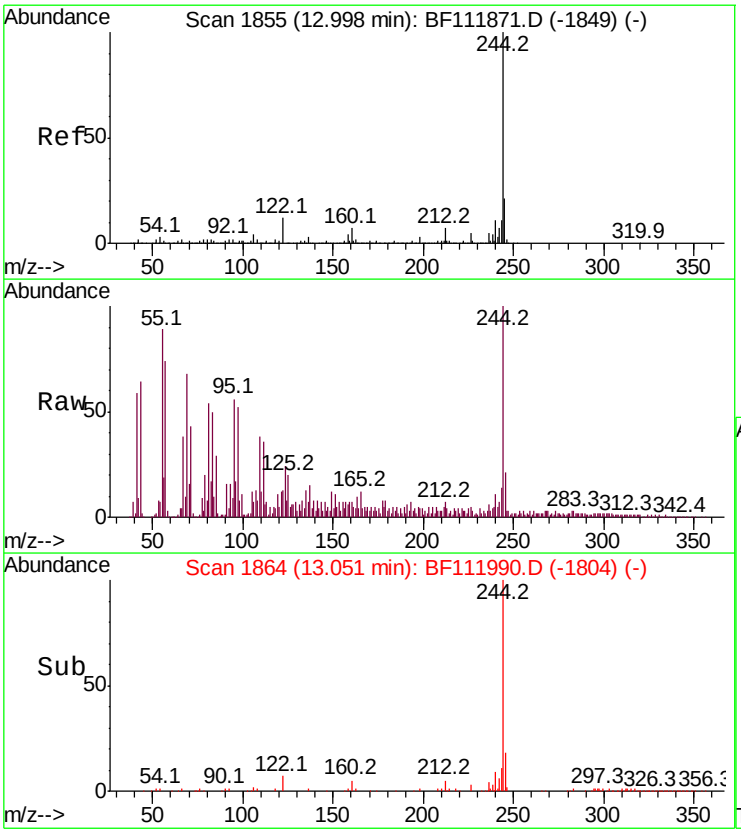
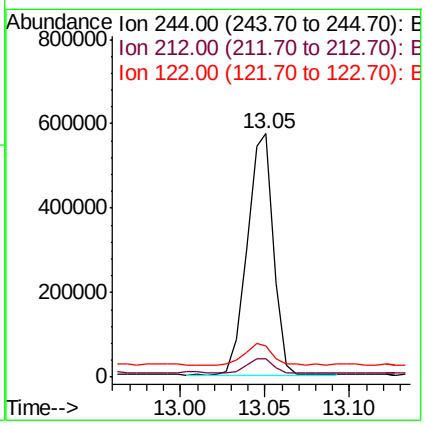
1/11/2019 4:42:53 PM

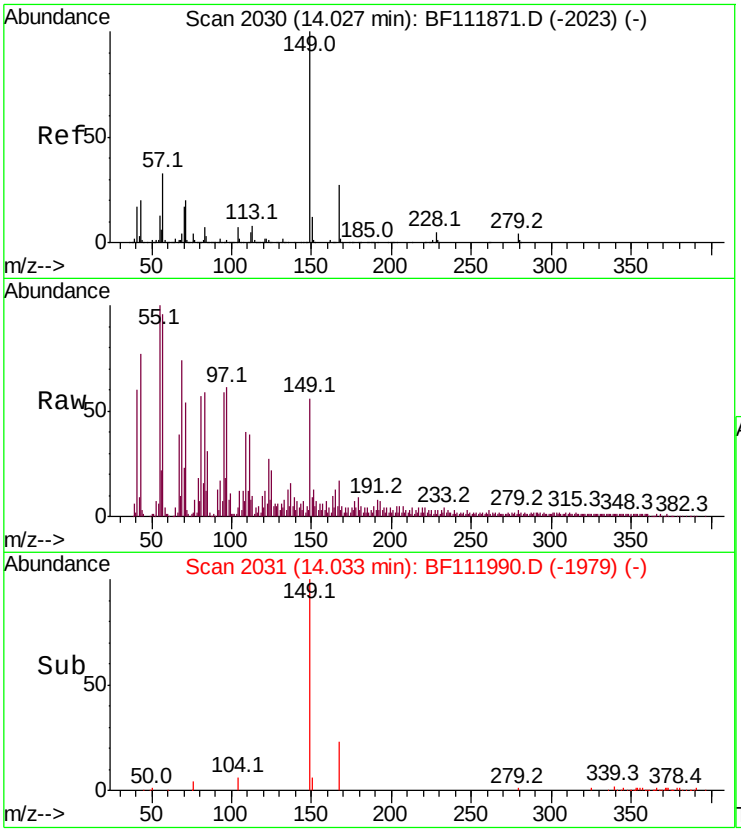


#79
Terphenyl-d14
Concen: 38.523 ng
RT: 13.05 min Scan# 1864
Delta R.T. 0.05 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:244 Resp: 617341

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.7	9.5	14.3





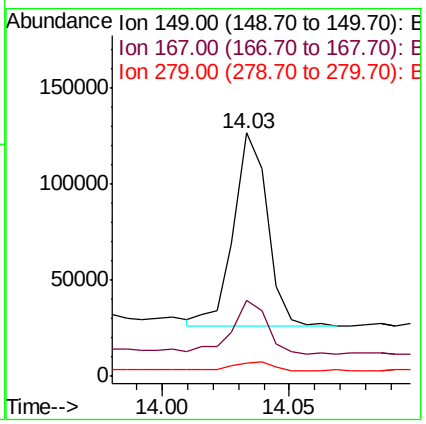
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.113 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

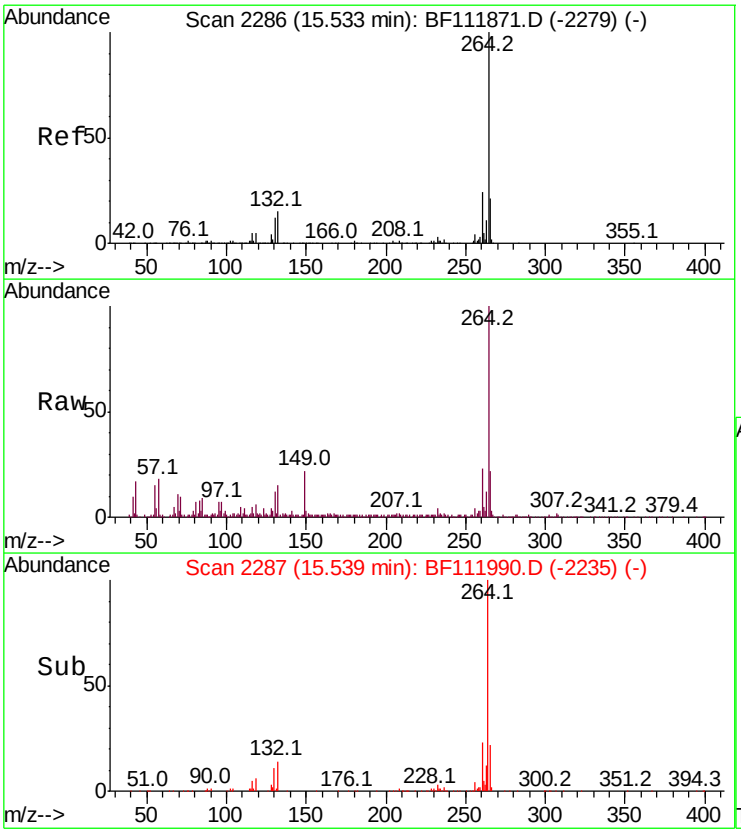
Tgt Ion:149 Resp: 94281

Ion	Ratio	Lower	Upper
149	100		
167	31.2	21.5	32.3
279	5.4	3.0	4.6#

Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

Manual Integrations APPROVED
Sohil
1/11/2019 4:42:53 PM

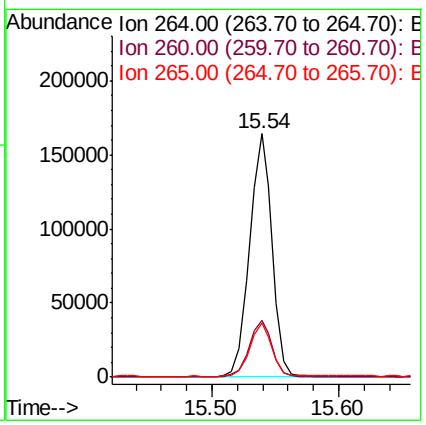


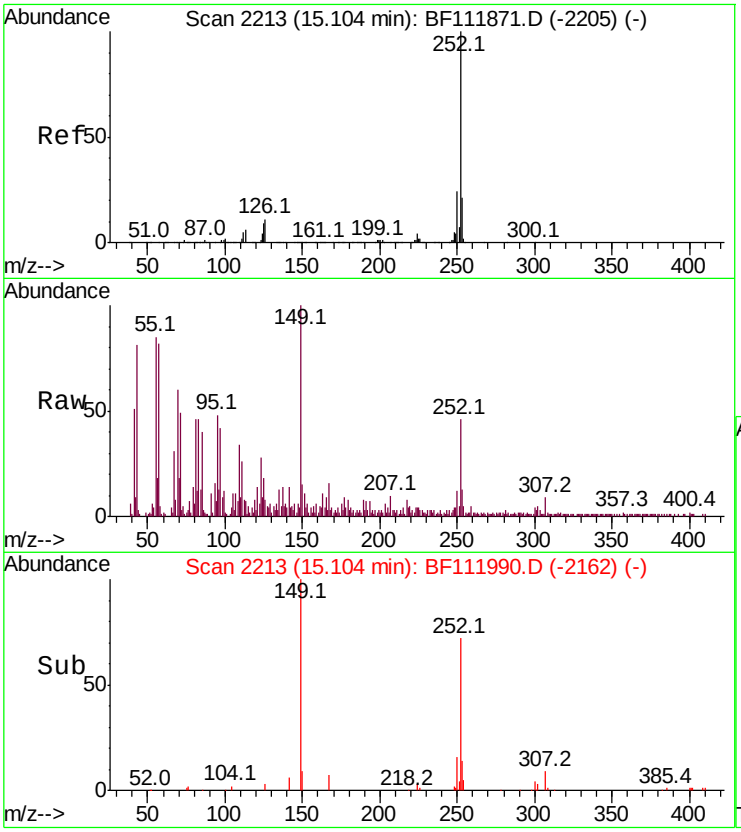


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:264 Resp: 202233

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.1	25.7

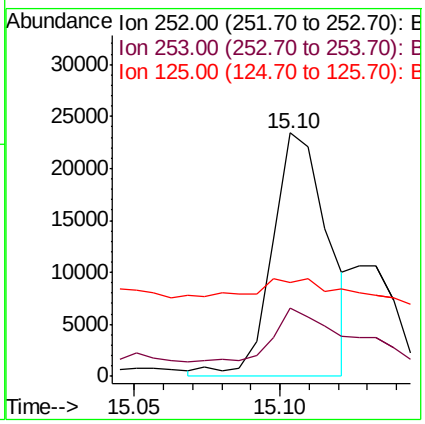




#88
Benzo(b)fluoranthene
Concen: 2.585 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:252 Resp: 31269

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.0	25.6#
125	38.6	7.1	10.7#



Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-2

Manual Integrations APPROVED
Sohil
1/11/2019 4:42:53 PM