Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116367.D
Acq On : 17 Aug 2019 19:40
Operator : HP/JU
Sample : K4223-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations APPROVED
Jagrut
8/19/2019 3:31:11 PM

Quant Time: Aug 19 07:20:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143027	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	551565	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	279899	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	438354	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	268188	20.00	ng	-0.04
87) Perylene-d12	15.43	264	299684	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	847114	99.15	ng	-0.03
7) Phenol-d6	6.45	99	1088906	101.02	ng	-0.04
23) Nitrobenzene-d5	7.37	82	686908	71.89	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	258089	95.11	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	988561	66.15	ng	-0.04
79) Terphenyl-d14	12.90	244	793542	62.35	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.46	94	27652	2.178	ng	# 82
50) Dimethylphthalate	9.56	163	253721	13.313	ng	99
71) Phenanthrene	11.35	178	85758	3.827	ng	98
75) Fluoranthene	12.54	202	173921	7.413	ng	99
78) Pyrene	12.77	202	154614	7.648	ng	99
81) Benzo(a)anthracene	13.96	228	70226	4.097	ng	99
83) Chrysene	14.00	228	69656	4.186	ng	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	39961	2.859	ng	96
88) Benzo(b)fluoranthene	15.01	252	91413m	5.275	ng	
90) Benzo(a)pyrene	15.37	252	62918	4.062	ng	# 96
92) Benzo(g,h,i)perylene	17.34	276	37344	2.836	ng	# 88

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116367.D
Acq On : 17 Aug 2019 19:40
Operator : HP/JU
Sample : K4223-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 19 07:20:15 2019
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations APPROVED
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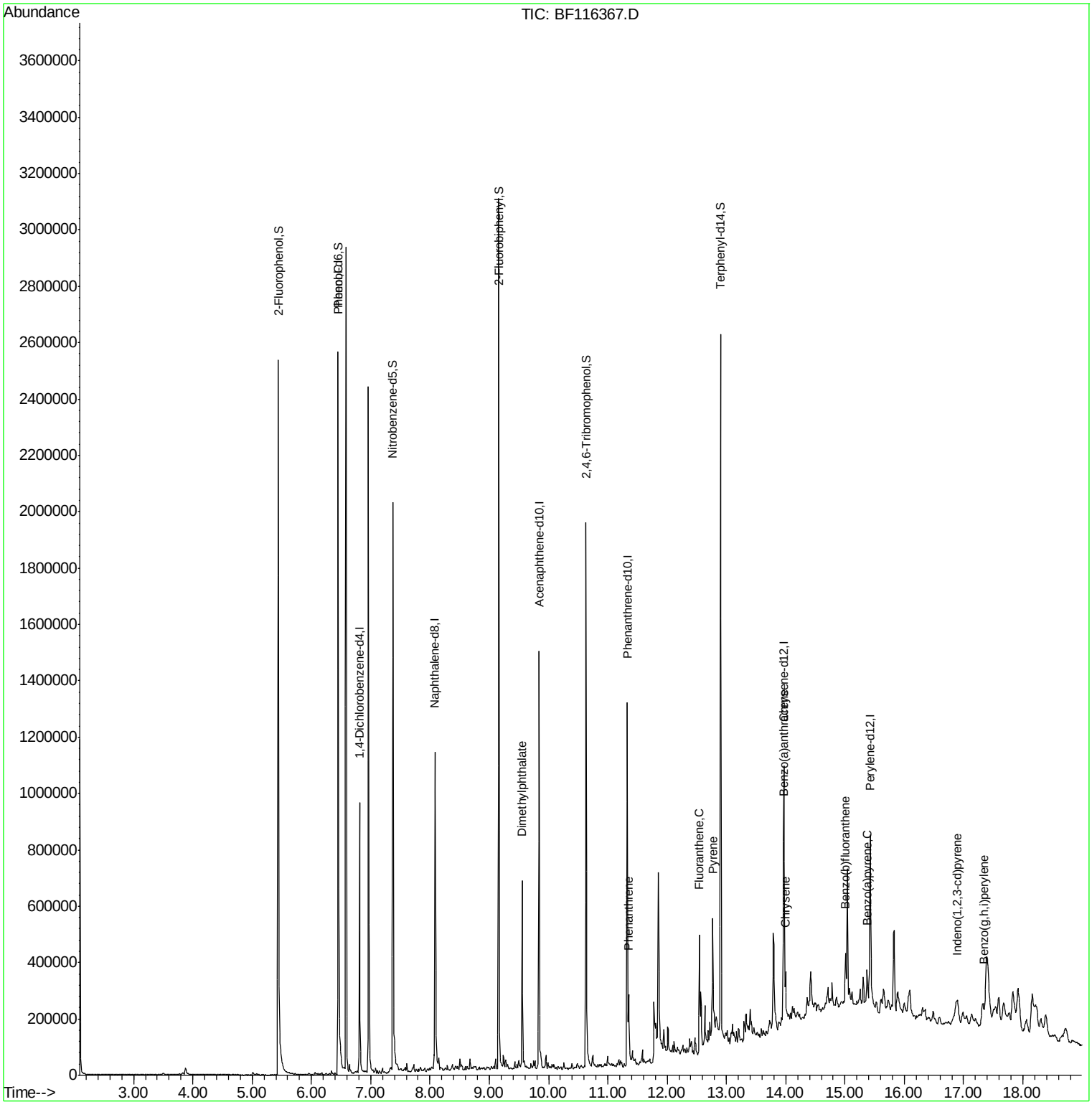
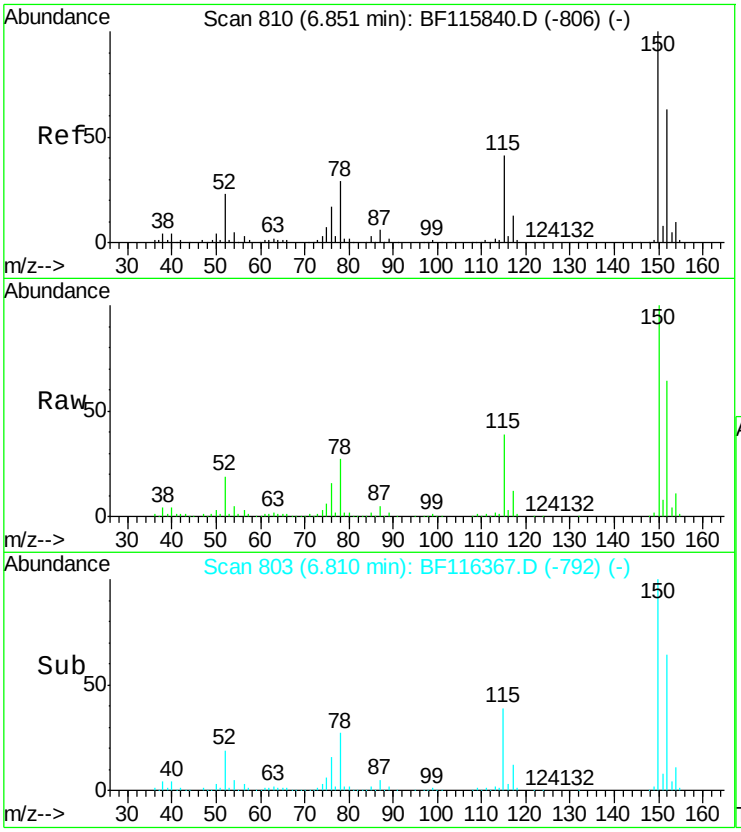
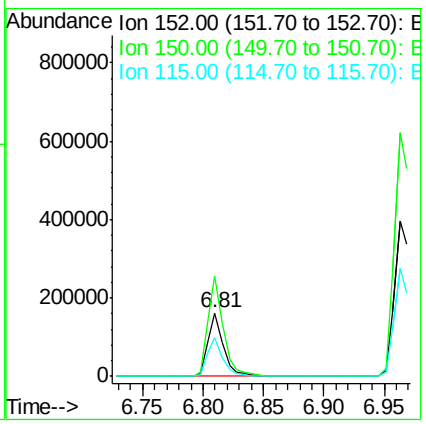




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:152 Resp: 143027

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.4	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations APPROVED
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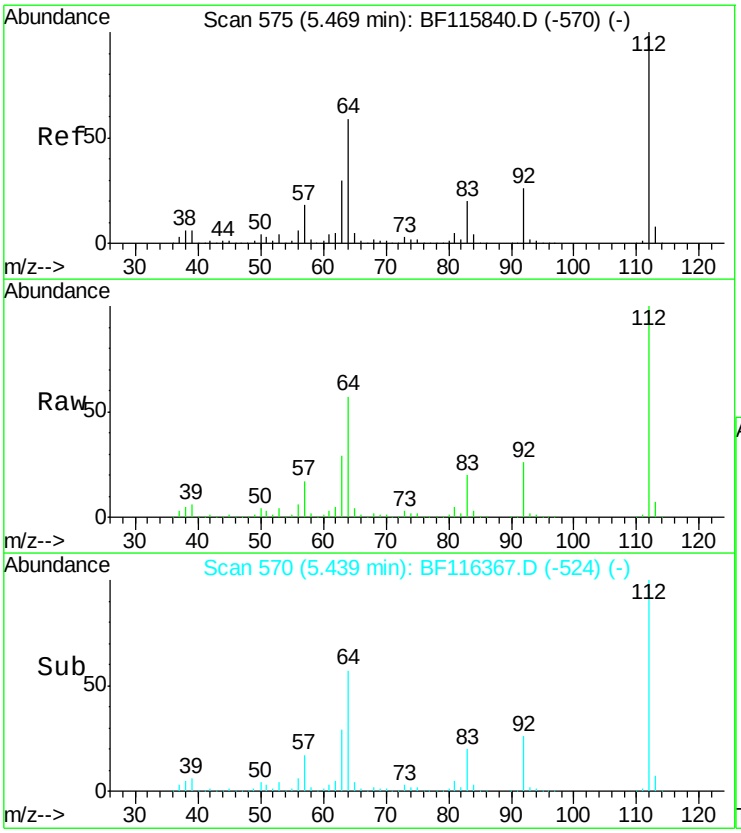
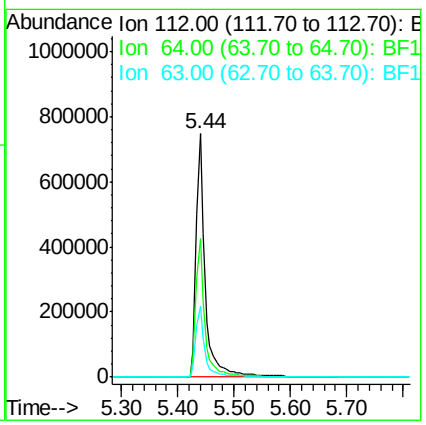
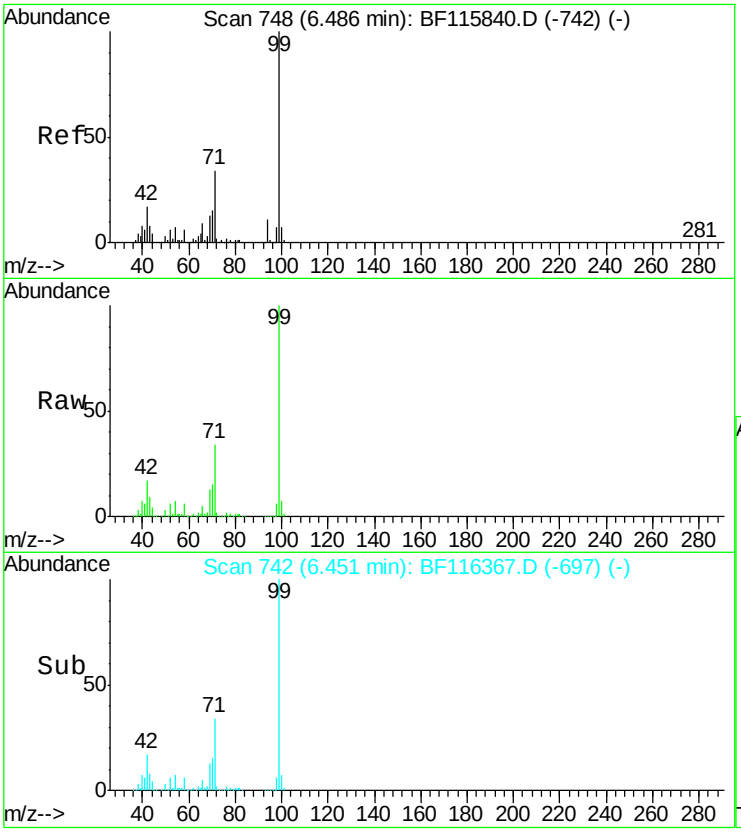


#5
2-Fluorophenol
Concen: 99.151 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:112 Resp: 847114

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.4	68.2
63	29.3	23.7	35.5

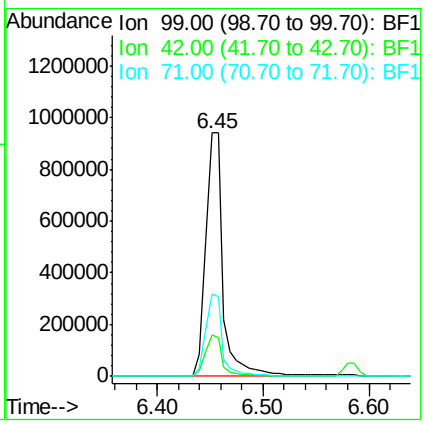




#7
Phenol-d6
Concen: 101.017 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion: 99 Resp: 1088906

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	33.9	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations APPROVED
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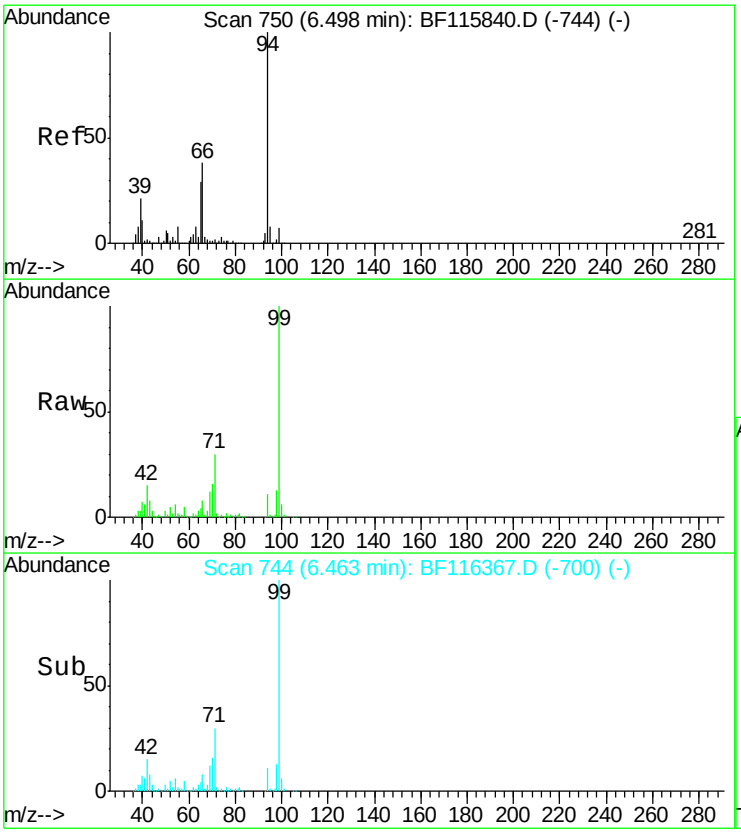
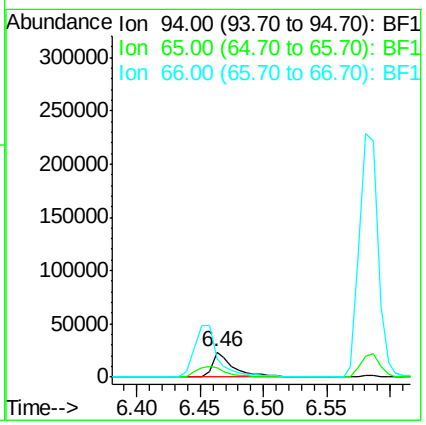
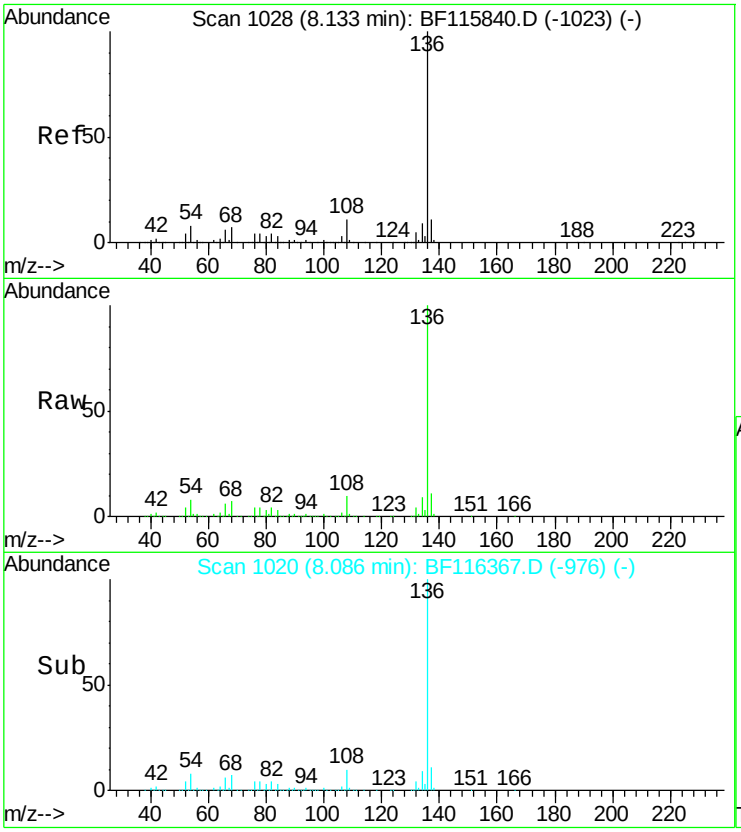


#10
Phenol
Concen: 2.178 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion: 94 Resp: 27652

Ion	Ratio	Lower	Upper
94	100		
65	38.2	16.8	56.8
66	75.1	34.2	74.2#

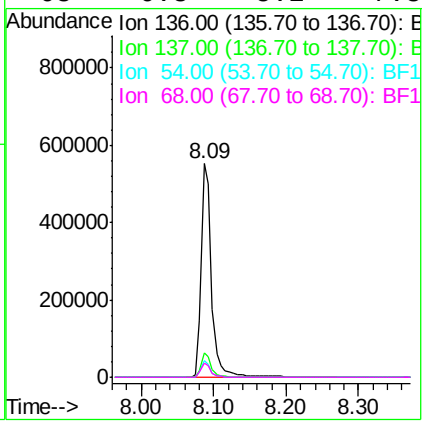




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:136 Resp: 551565

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.7	5.8	8.6
68	6.8	5.2	7.8



Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations APPROVED
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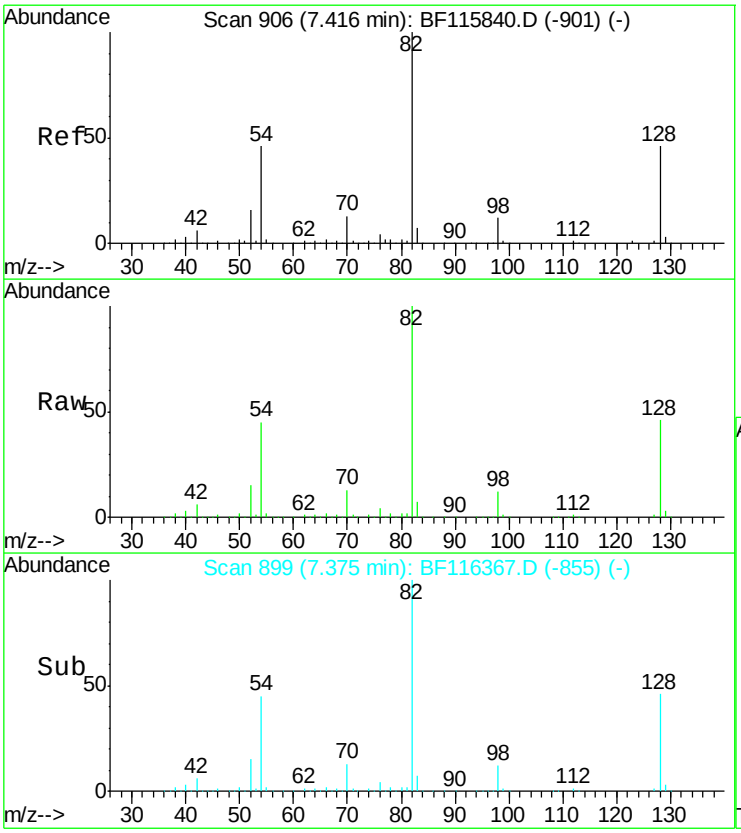
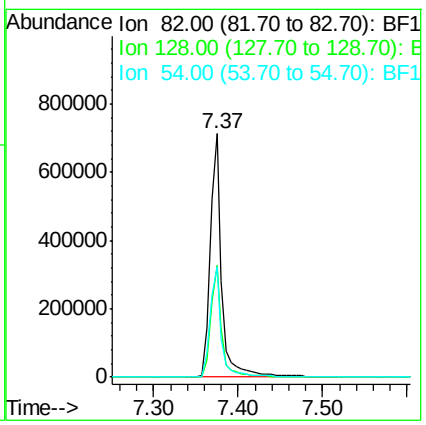
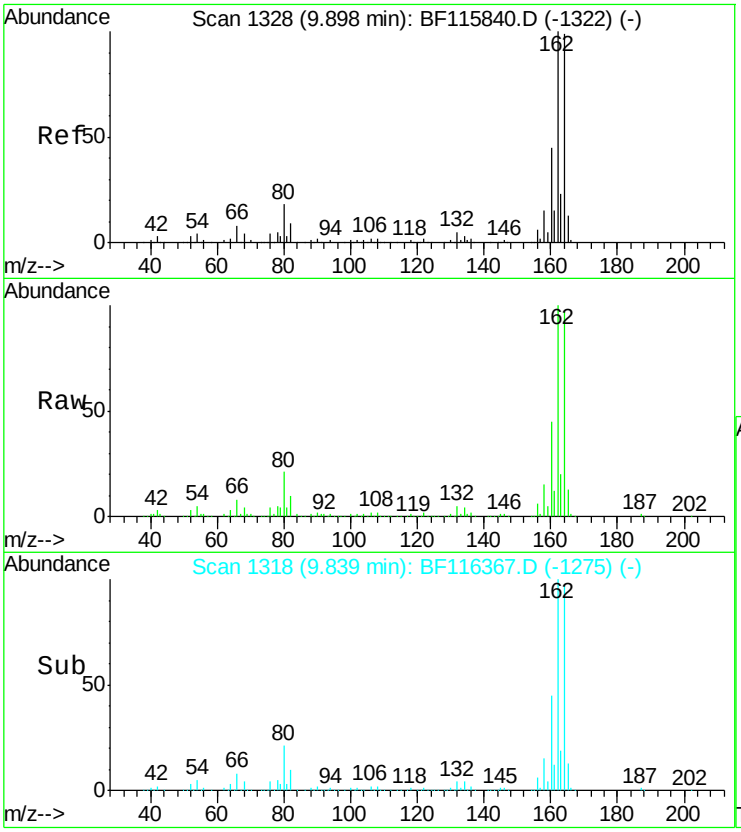


#23
Nitrobenzene-d5
Concen: 71.887 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion: 82 Resp: 686908

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	45.3	36.0	54.0

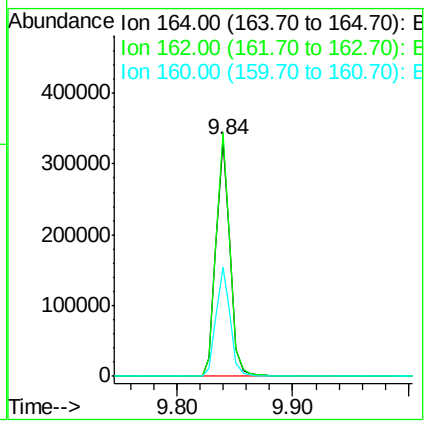




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:164 Resp: 279899

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	46.4	37.6	56.4



Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations APPROVED
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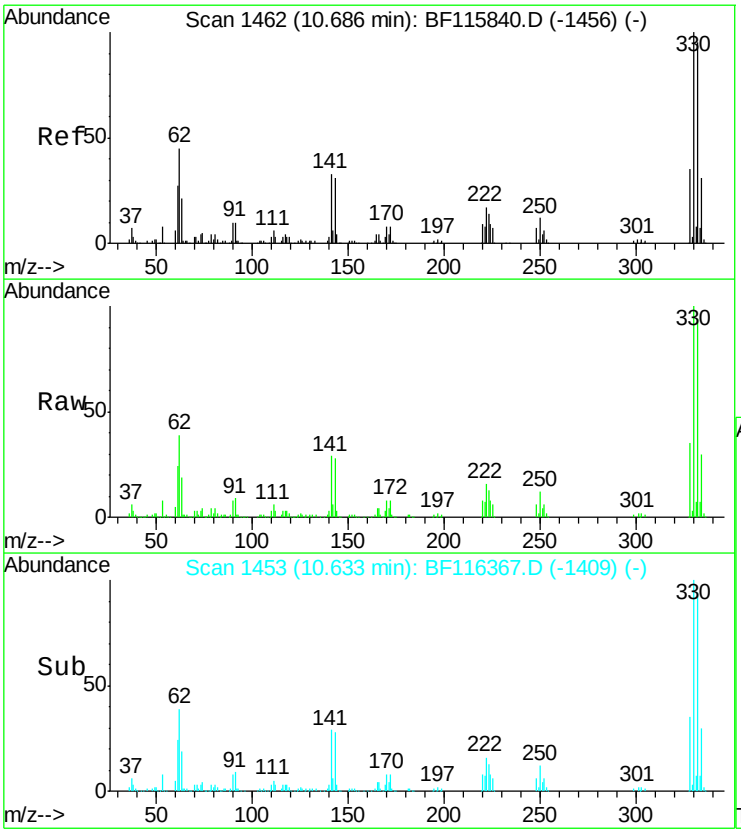
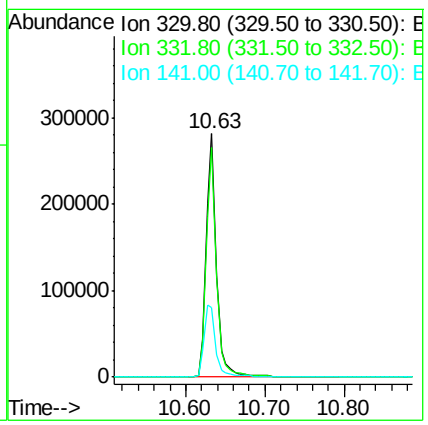
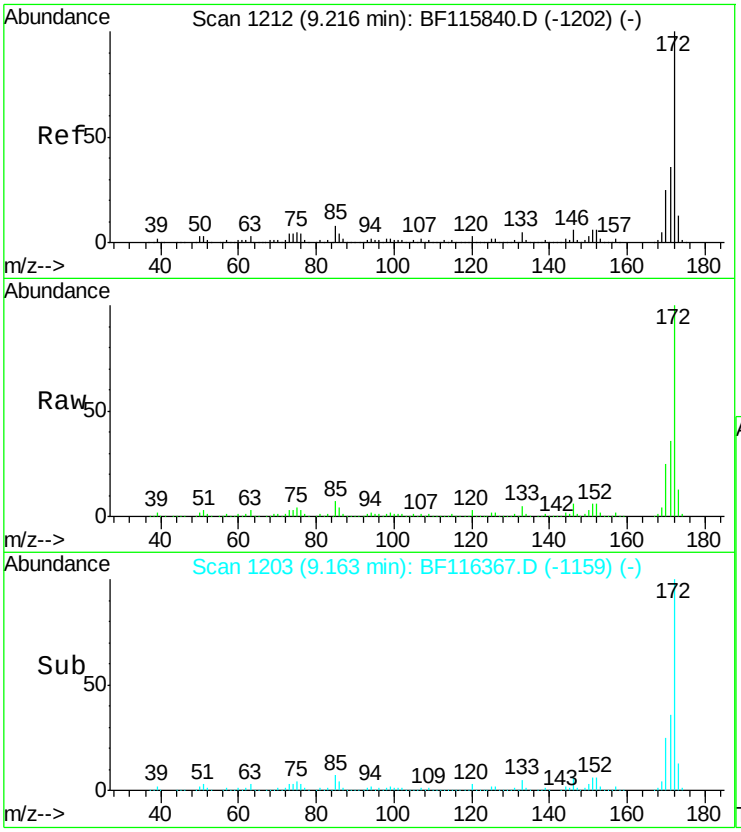


#42
2,4,6-Tribromophenol
Concen: 95.106 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:330 Resp: 258089

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.8	115.2
141	34.0	26.3	39.5

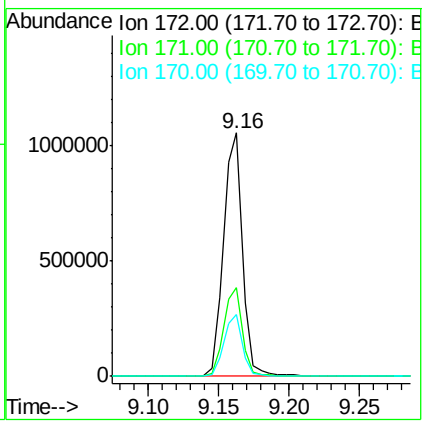




#45
2-Fluorobiphenyl
Concen: 66.154 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:172 Resp: 988561

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	25.3	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations APPROVED
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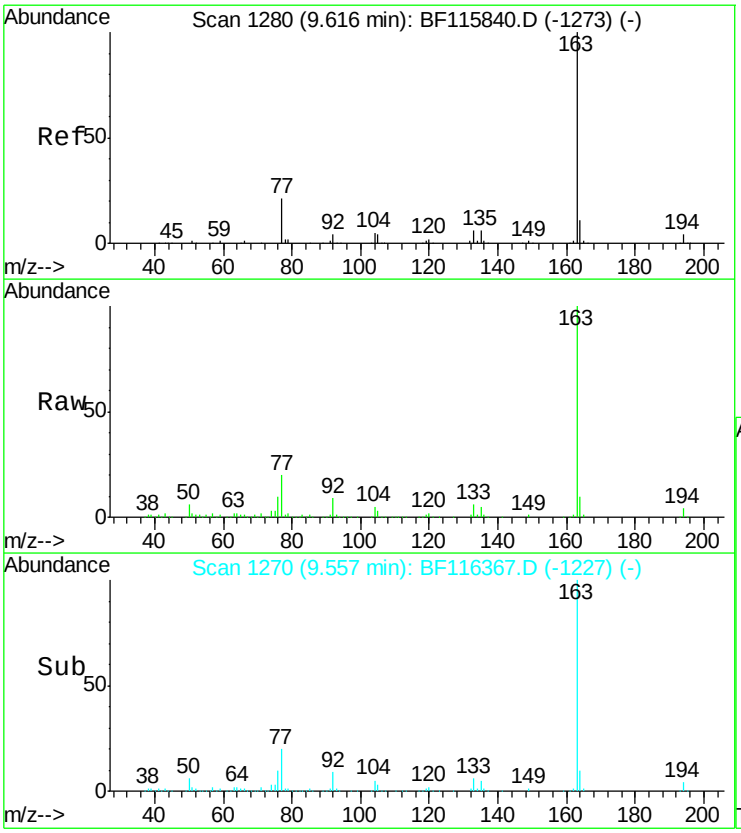
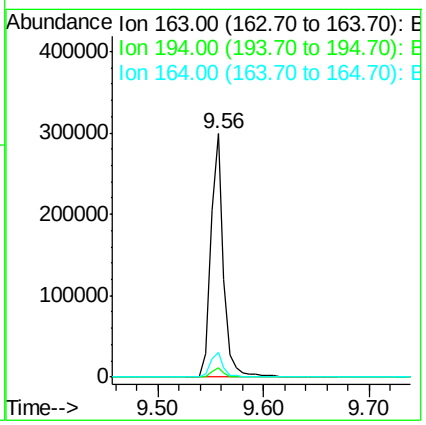
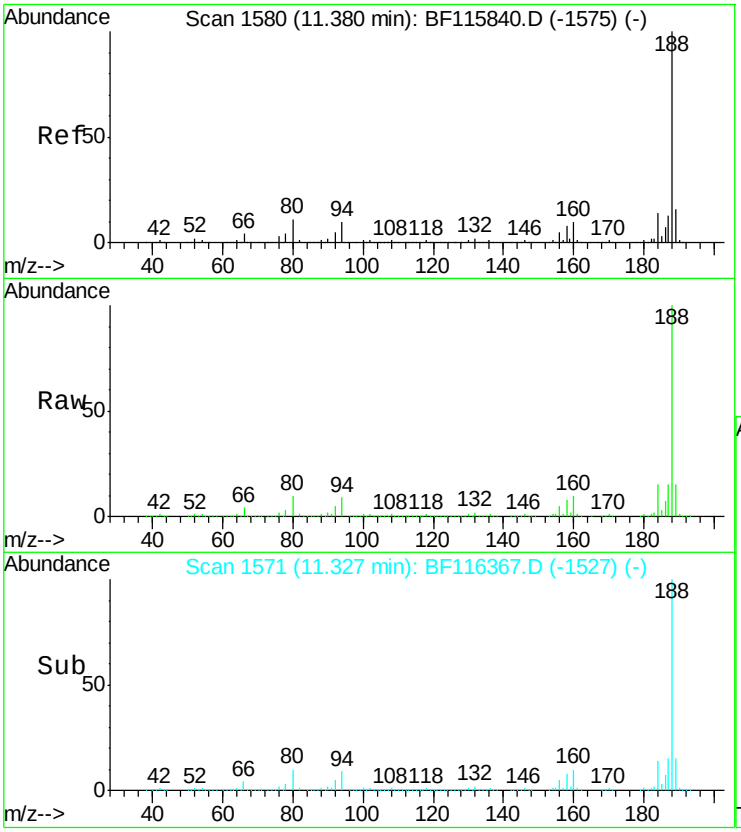


#50
Dimethylphthalate
Concen: 13.313 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:163 Resp: 253721

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	8.4	12.6

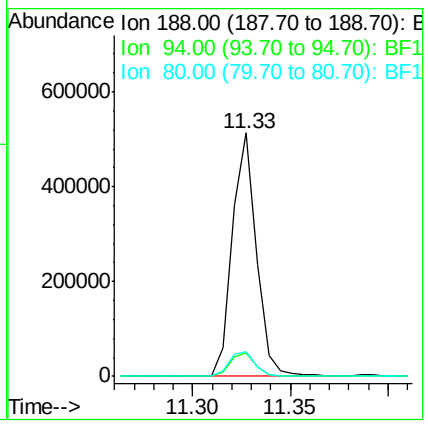




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:188 Resp: 438354

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.4	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SP-10

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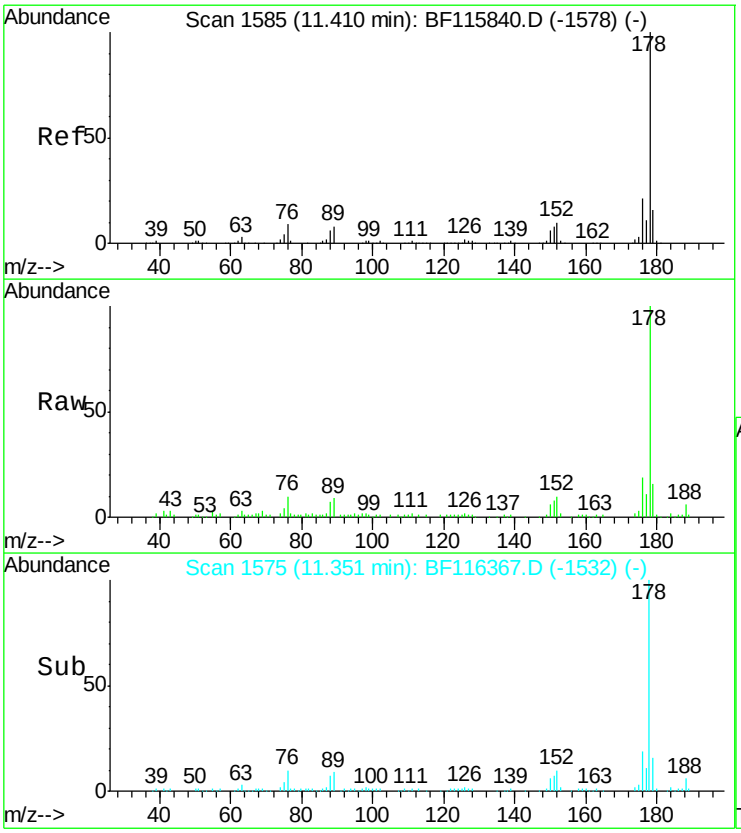
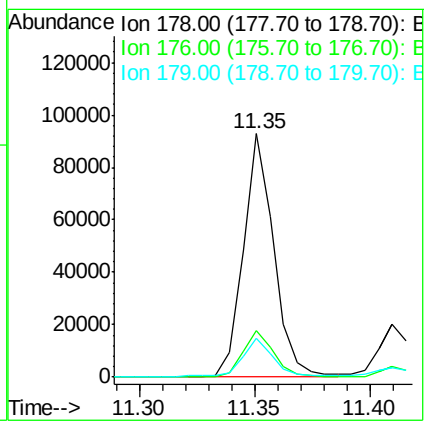
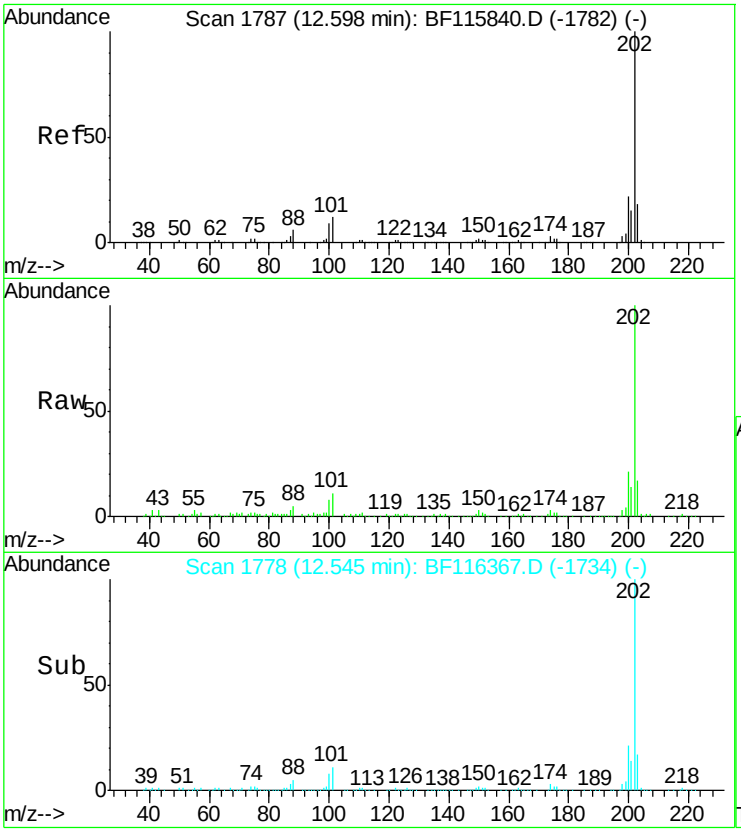


#71
Phenanthrene
Concen: 3.827 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.05 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:178 Resp: 85758

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	24.8
179	16.0	12.5	18.7

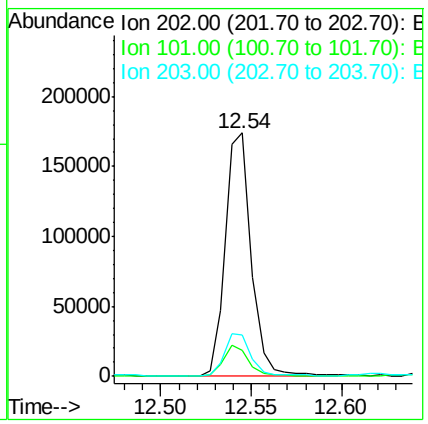




#75
Fluoranthene
Concen: 7.413 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:202 Resp: 173921

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.2
203	17.2	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
SP-10

Manual Integrations APPROVED
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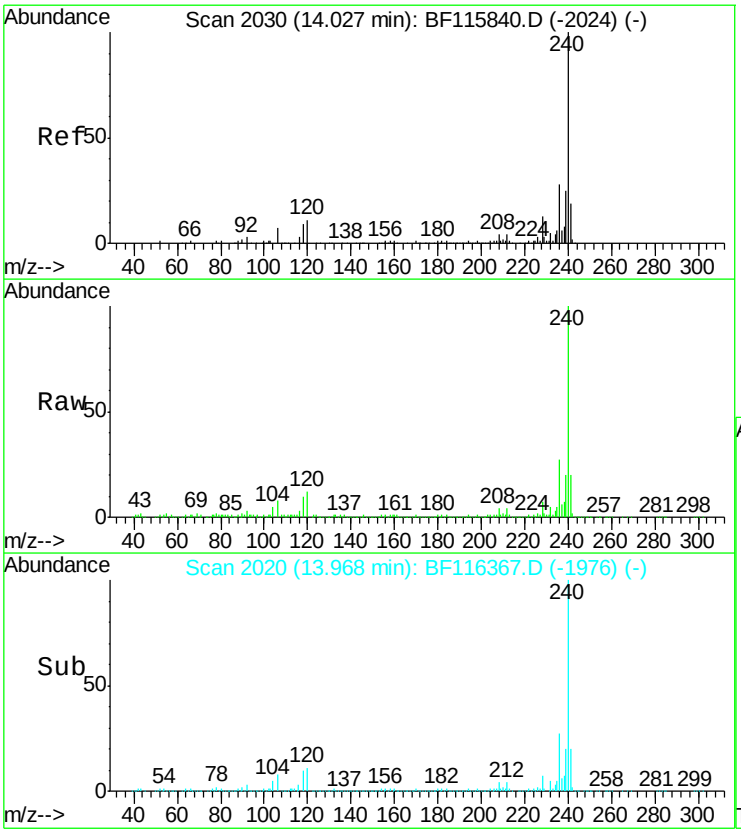
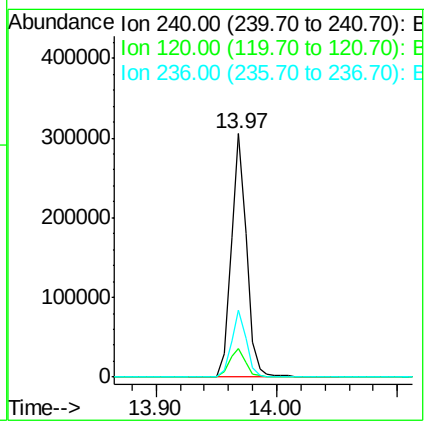
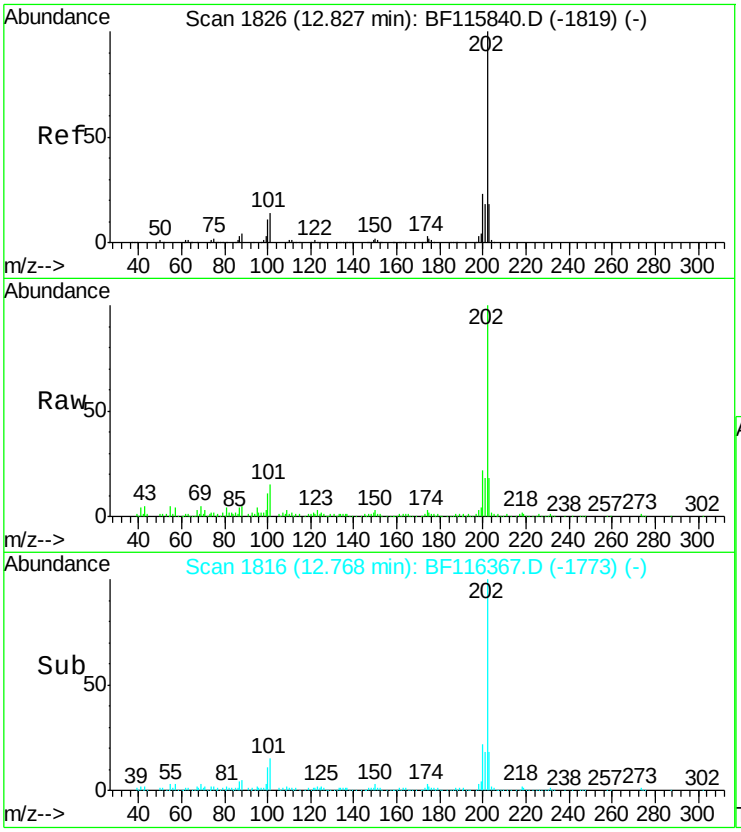


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:240 Resp: 268188

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.7	16.1
236	27.4	22.2	33.2

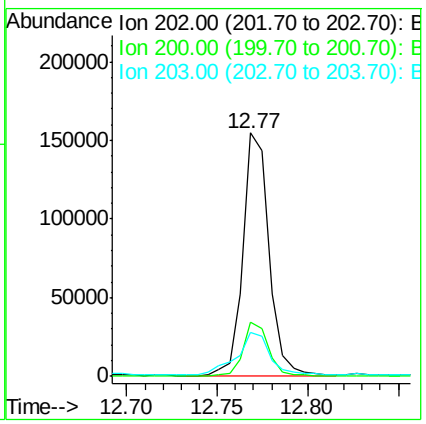




#78
Pyrene
Concen: 7.648 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.05 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

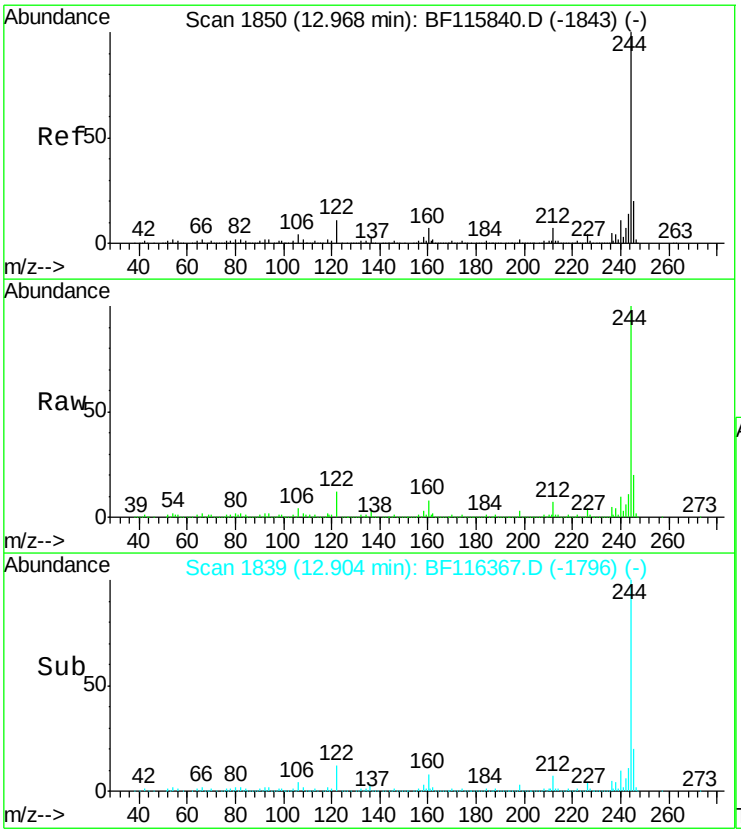
Tgt Ion:202 Resp: 154614

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	18.0	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SP-10

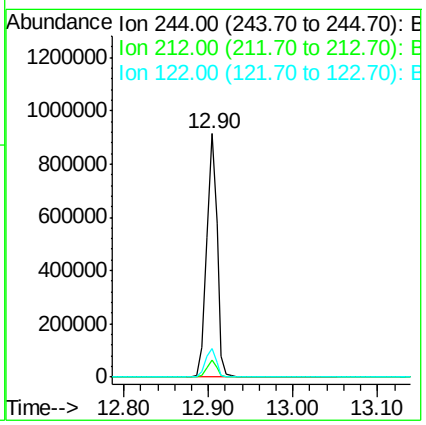
Manual Integrations APPROVED
Jagrut
8/19/2019 3:31:11 PM

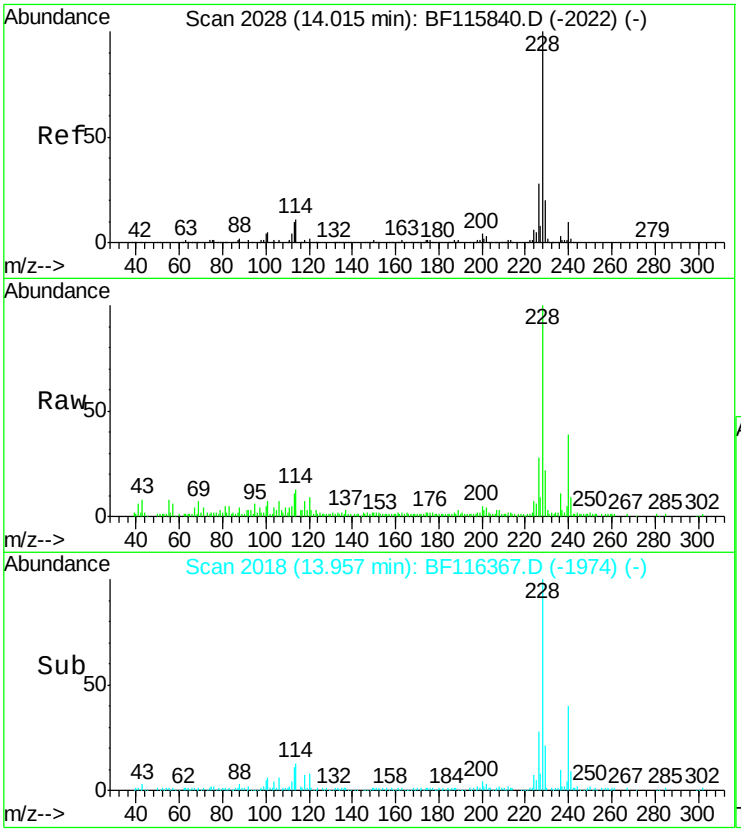


#79
Terphenyl-d14
Concen: 62.349 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.05 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:244 Resp: 793542

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.9	9.0	13.4

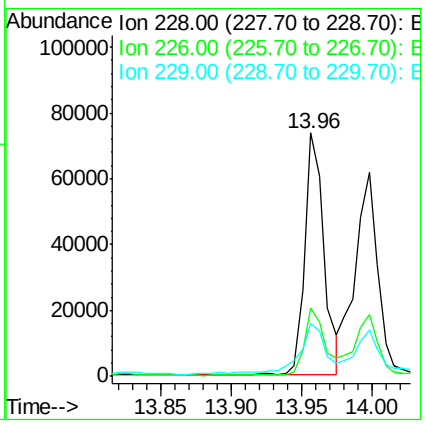




#81
Benzo(a)anthracene
Concen: 4.097 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:228 Resp: 70226

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	21.6	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
SP-10

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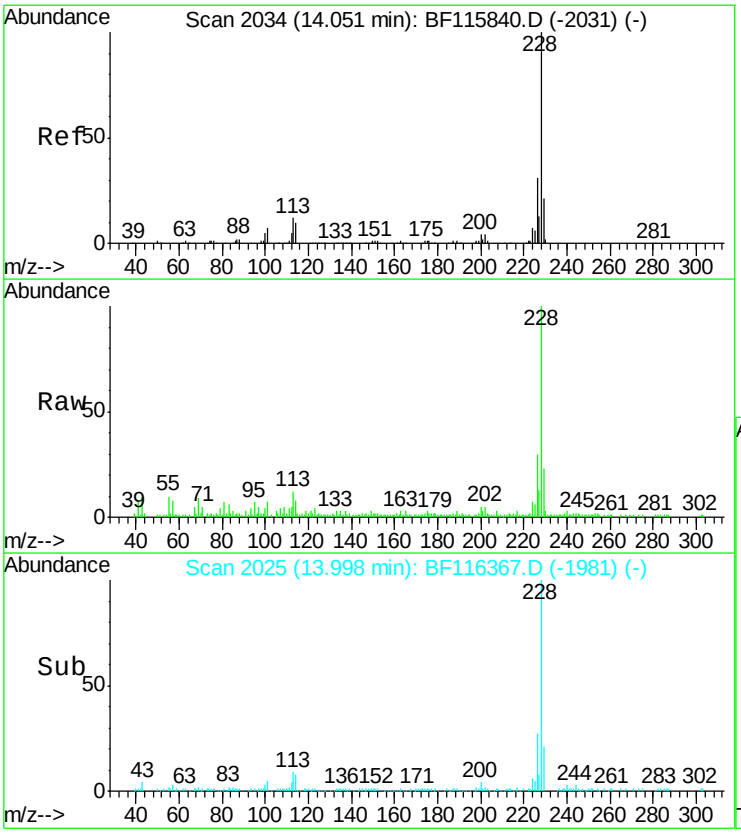
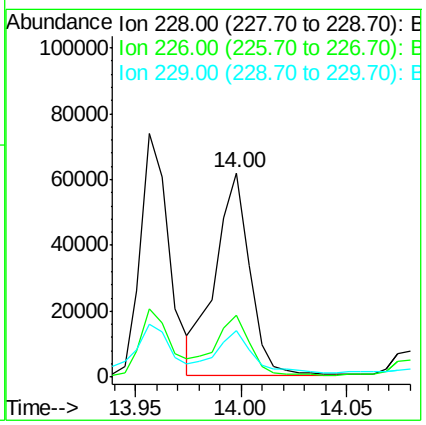
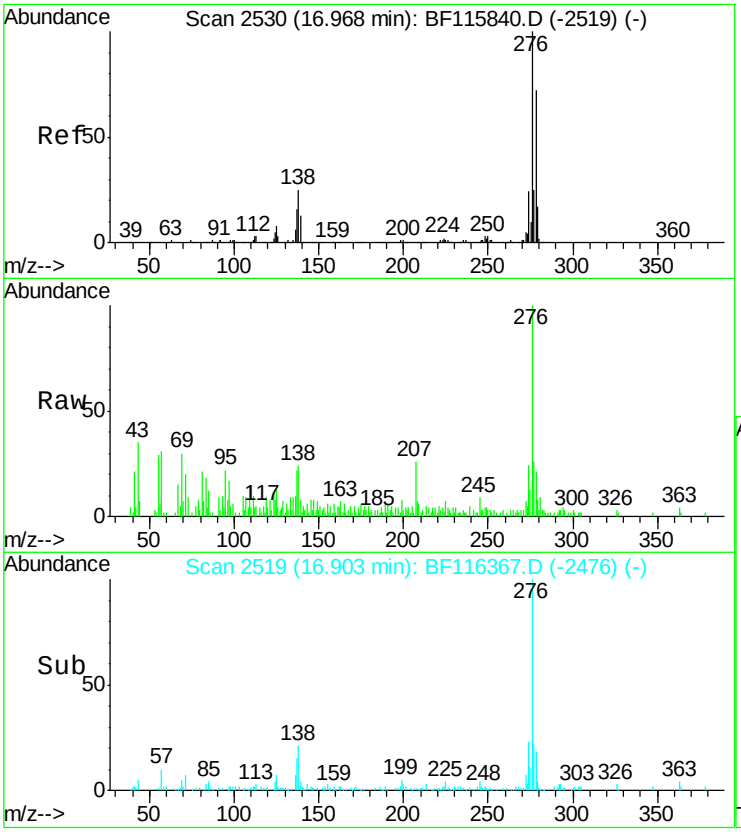


#83
Chrysene
Concen: 4.186 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:228 Resp: 69656

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.5	38.3
229	22.5	16.6	24.8

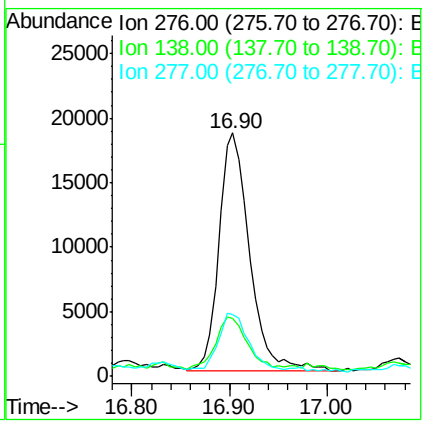




#86
Indeno(1,2,3-cd)pyrene
Concen: 2.859 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:276 Resp: 39961

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.4	30.6
277	22.5	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SP-10

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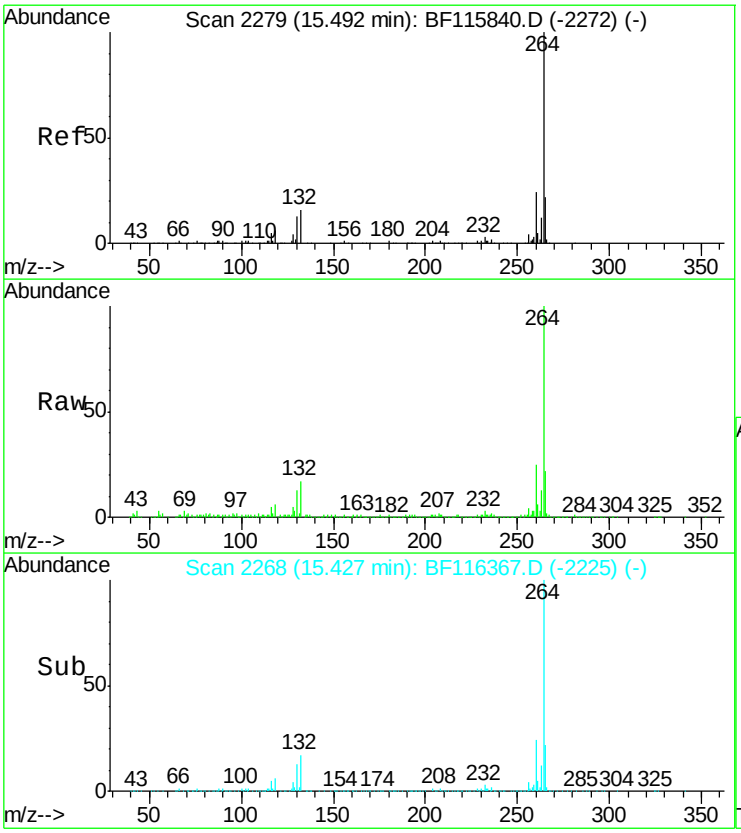
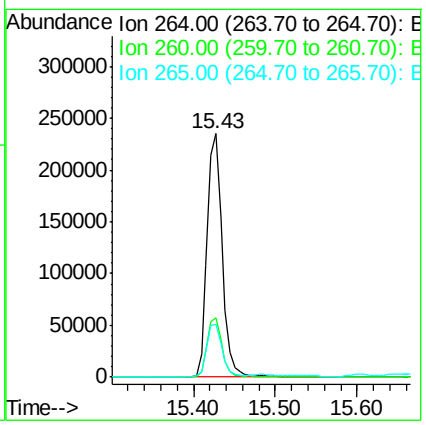
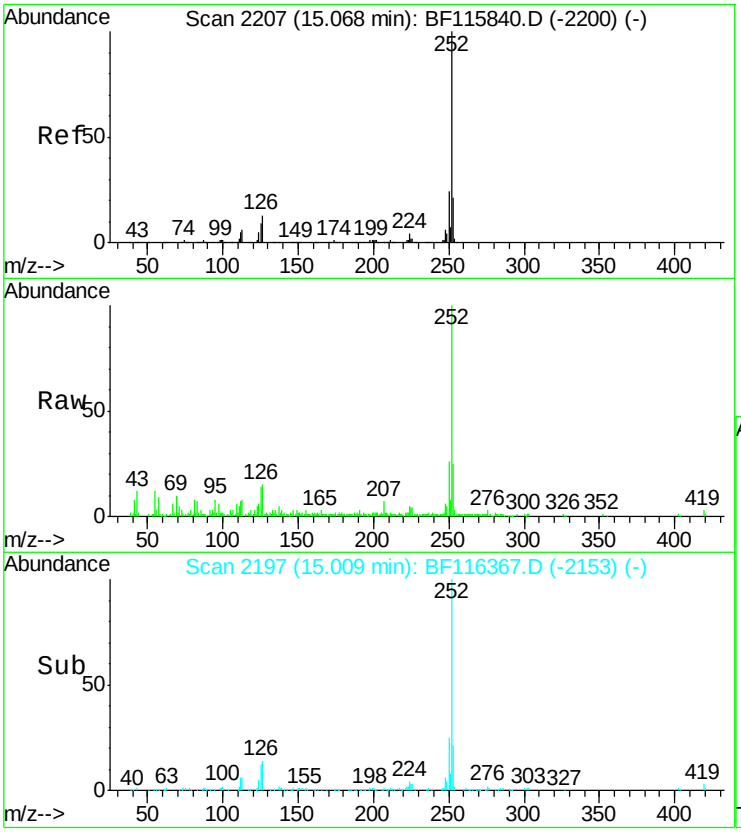


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.05 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:264 Resp: 299684

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.8	17.4	26.0





#88
Benzo(b)fluoranthene
Concen: 5.275 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:252 Resp: 91413

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	14.5	8.4	12.6#

Instrument :
BNA_F
ClientSampleId :
SP-10

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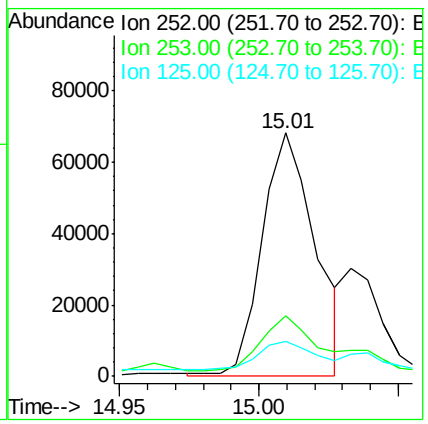
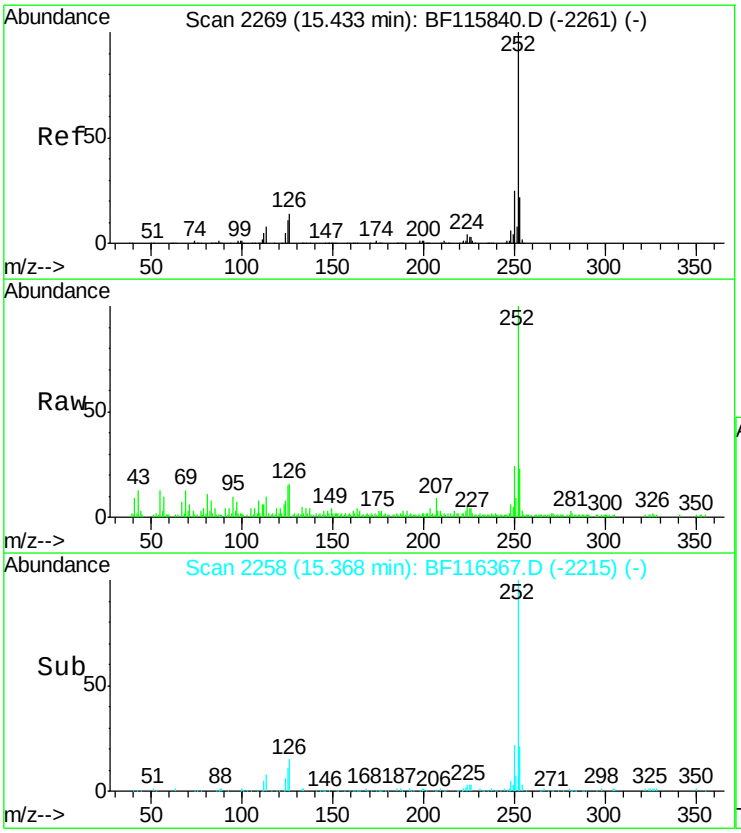
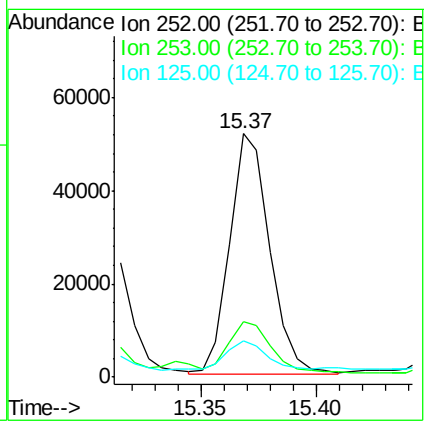


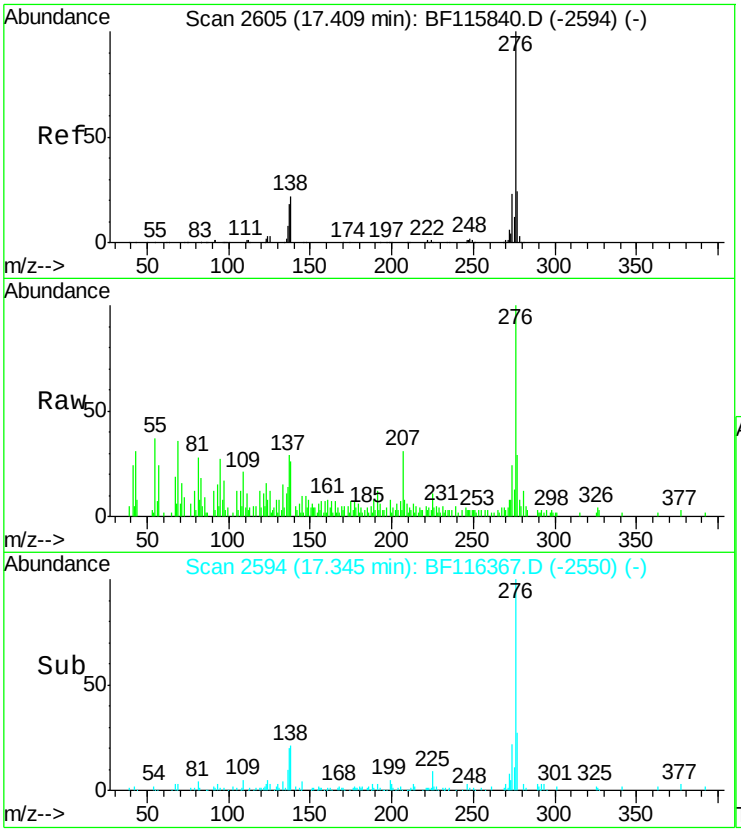


#90
Benzo(a)pyrene
Concen: 4.062 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.05 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:252 Resp: 62918

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	15.0	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 2.836 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.04 min
Lab File: BF116367.D
Acq: 17 Aug 2019 19:40

Tgt Ion:276 Resp: 37344

Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.4	27.6#
138	25.8	17.0	25.6#

Instrument :
BNA_F
ClientSampleId :
SP-10

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