Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116369.D
Acq On : 17 Aug 2019 20:34
Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-13

Manual Integrations APPROVED
Jagrut
8/19/2019 3:31:16 PM

Quant Time: Aug 19 07:32:13 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	134509	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	514434	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	255858	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	386502	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	243525	20.00	ng	-0.04
87) Perylene-d12	15.43	264	276550	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	758859	94.45	ng	-0.03
7) Phenol-d6	6.46	99	977846	96.46	ng	-0.03
23) Nitrobenzene-d5	7.37	82	614590	68.96	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	220360	88.83	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	935724	68.50	ng	-0.04
79) Terphenyl-d14	12.90	244	754017	65.24	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.47	94	24475	2.050	ng	91
50) Dimethylphthalate	9.56	163	206700	11.865	ng	99
75) Fluoranthene	12.54	202	60750	2.937	ng	97
78) Pyrene	12.77	202	49922	2.719	ng	98
88) Benzo(b)fluoranthene	15.01	252	34736m	2.172	ng	

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

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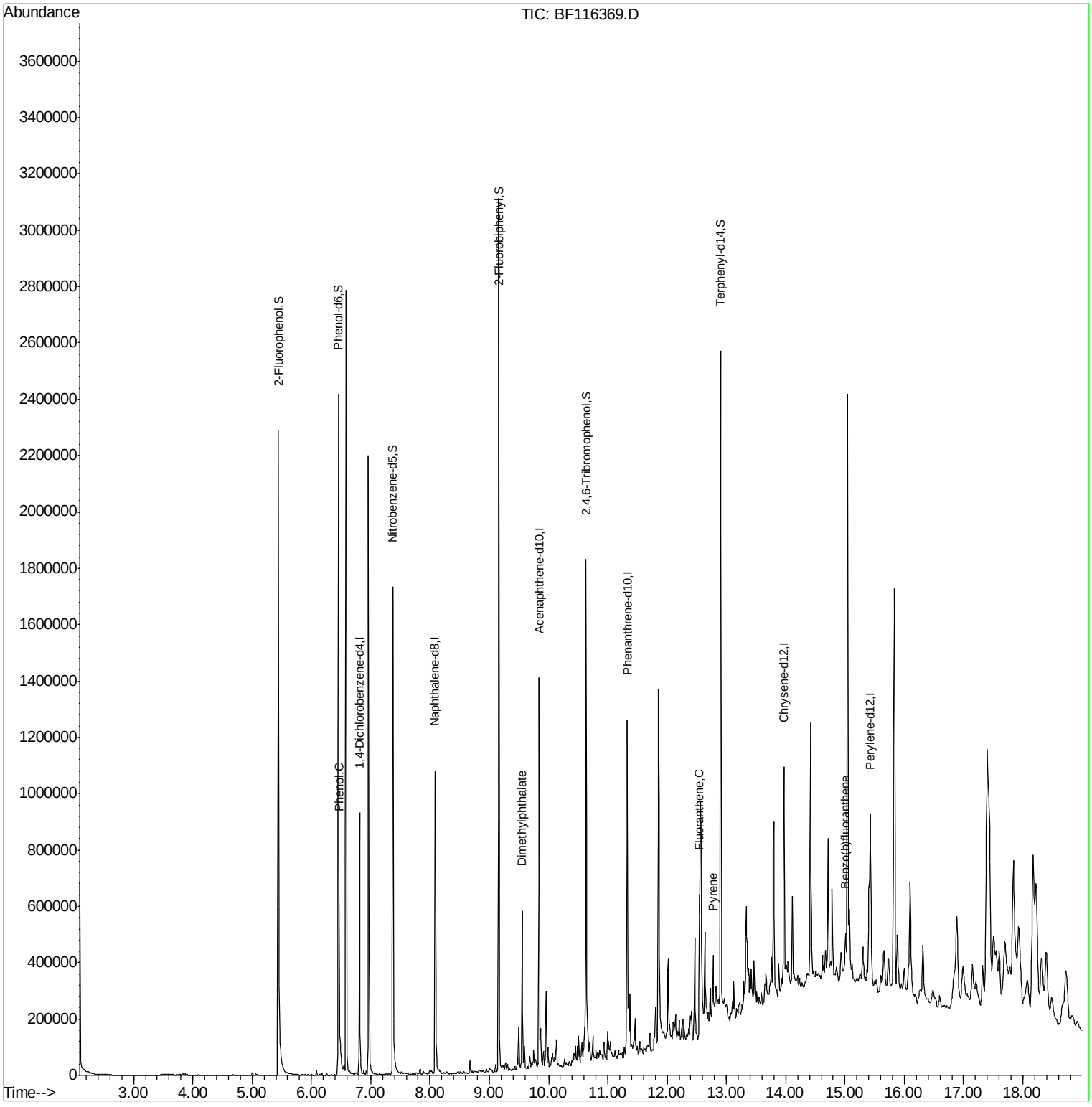
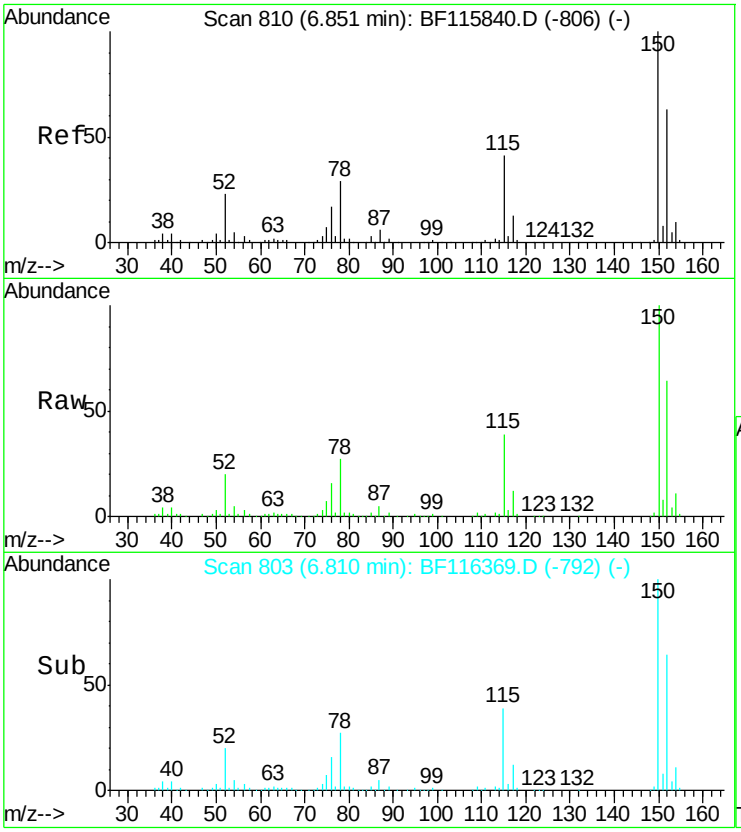
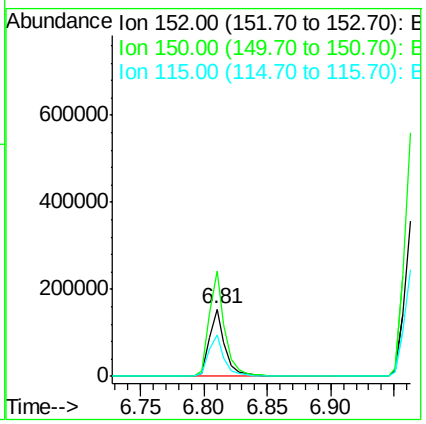




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:152 Resp: 134509

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	61.6	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
SP-13

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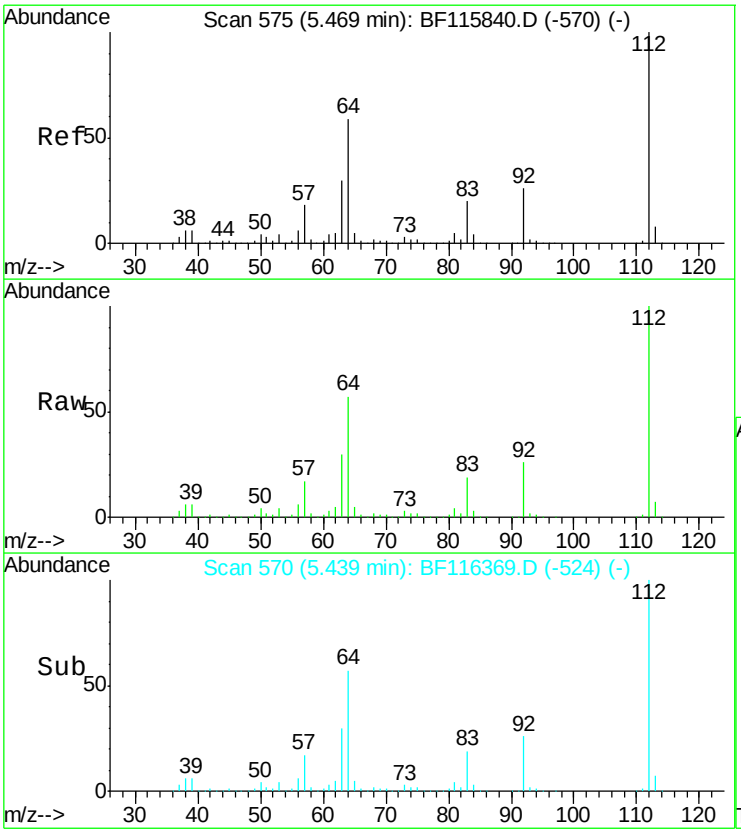
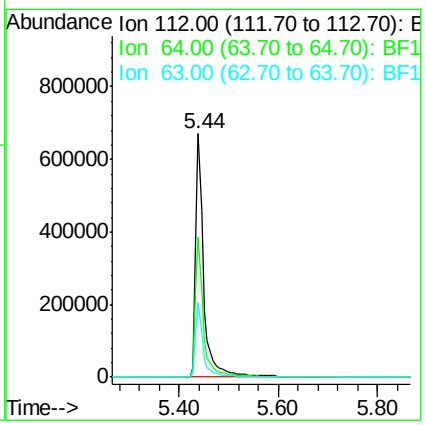
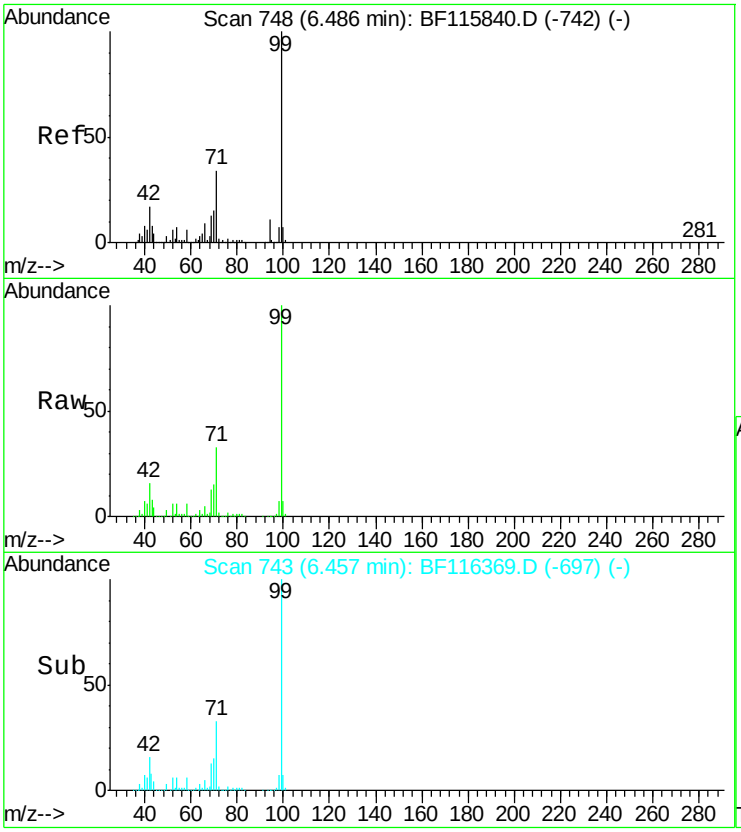


#5
2-Fluorophenol
Concen: 94.445 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:112 Resp: 758859

Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	30.5	23.7	35.5

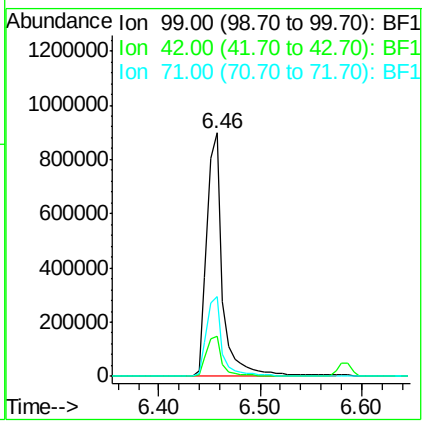




#7
Phenol-d6
Concen: 96.459 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion: 99 Resp: 977846

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.8
71	32.7	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SP-13

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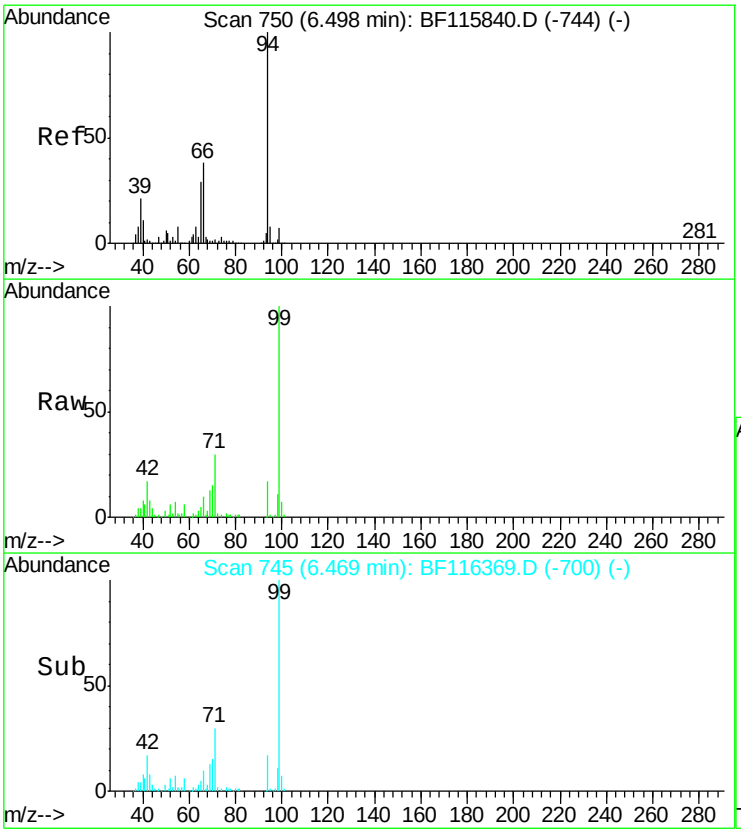
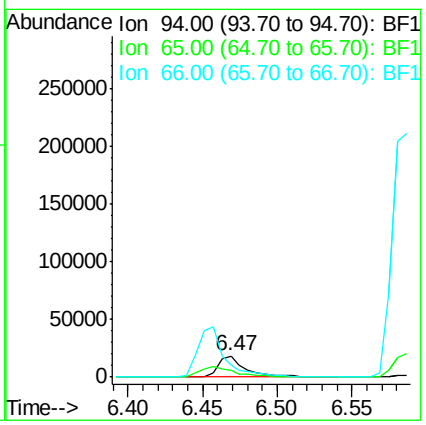
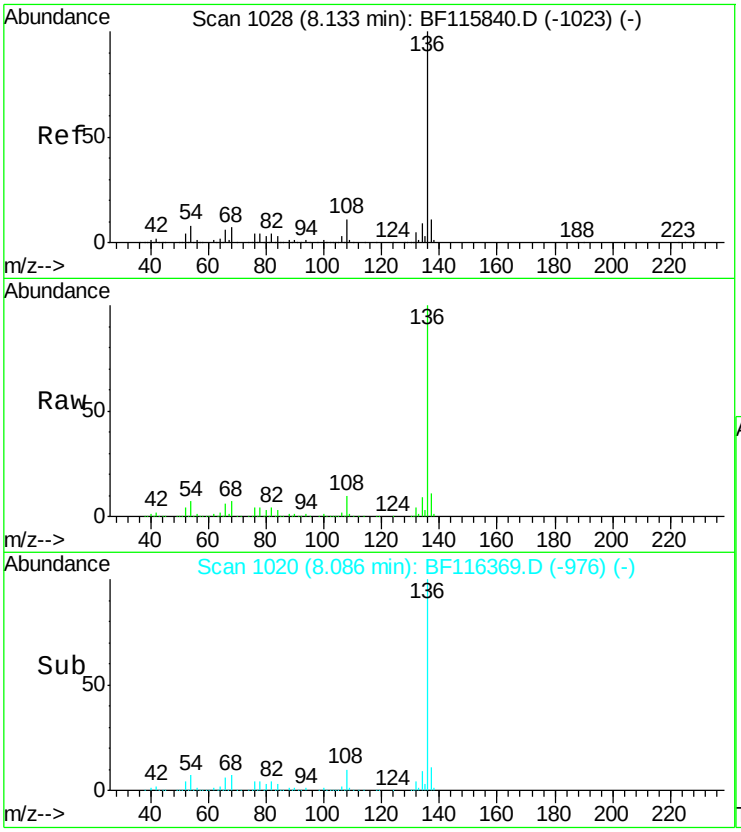


#10
Phenol
Concen: 2.050 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion: 94 Resp: 24475

Ion	Ratio	Lower	Upper
94	100		
65	31.2	16.8	56.8
66	60.1	34.2	74.2

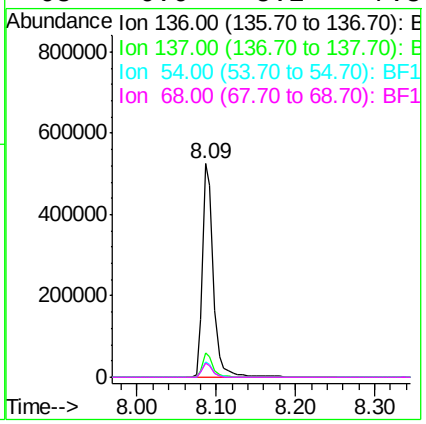




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:136 Resp: 514434

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.4	5.8	8.6
68	6.6	5.2	7.8



Instrument :
BNA_F
ClientSampleId :
SP-13

Manual Integrations APPROVED
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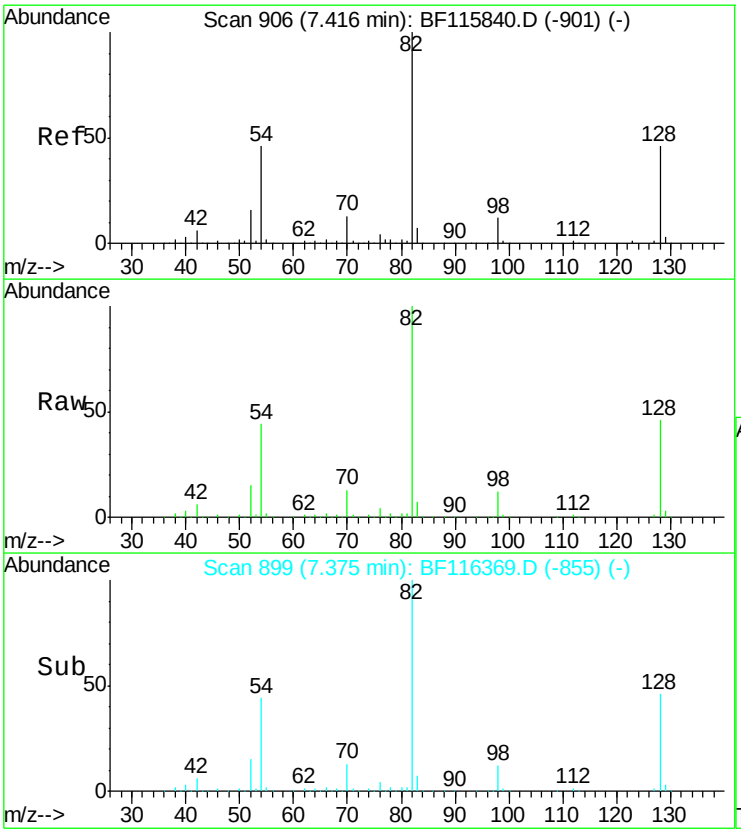
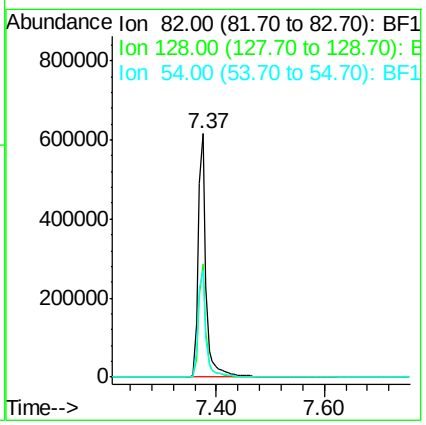
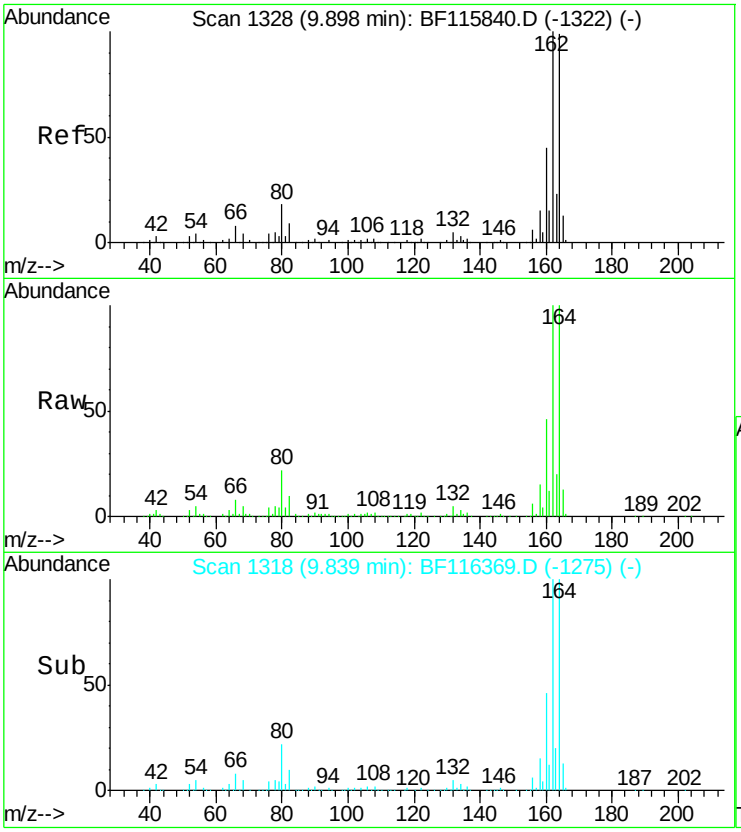


#23
Nitrobenzene-d5
Concen: 68.961 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion: 82 Resp: 614590

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	43.6	36.0	54.0

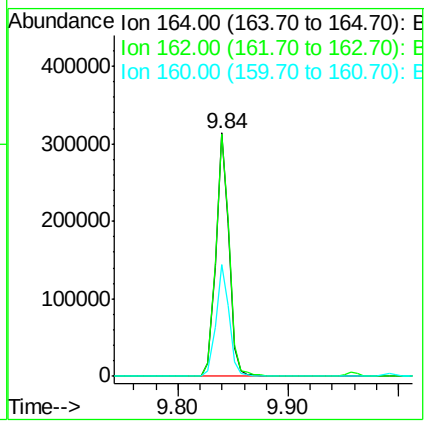




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:164 Resp: 255858

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	124.0
160	46.1	37.6	56.4



Instrument :
BNA_F
ClientSampleId :
SP-13

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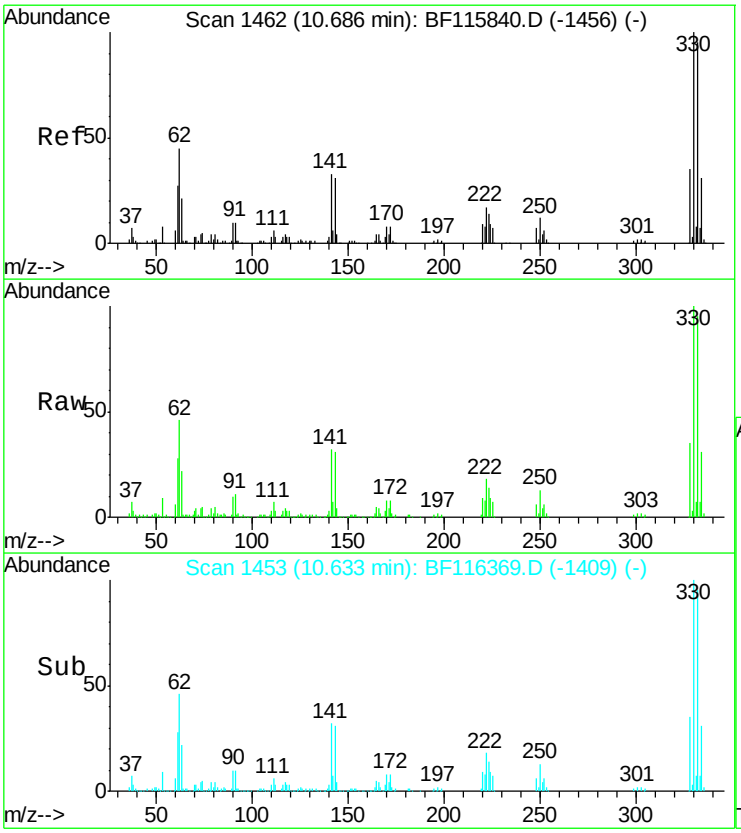
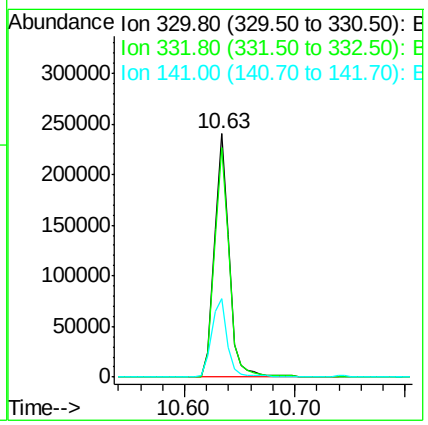
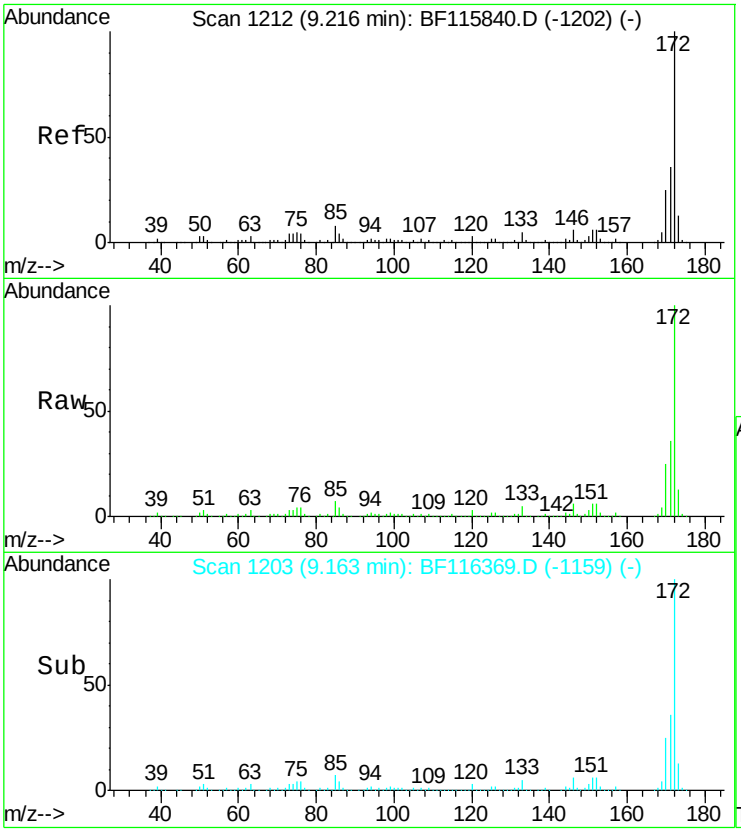


#42
2,4,6-Tribromophenol
Concen: 88.833 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:330 Resp: 220360

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	34.0	26.3	39.5

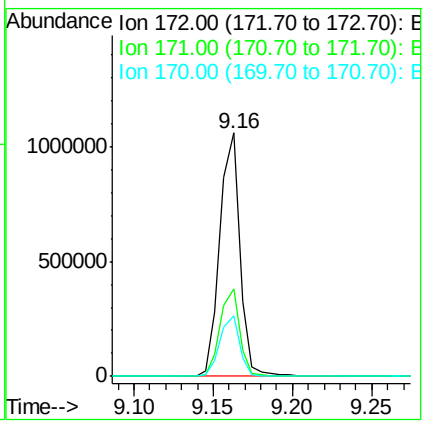




#45
2-Fluorobiphenyl
Concen: 68.502 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:172 Resp: 935724

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SP-13

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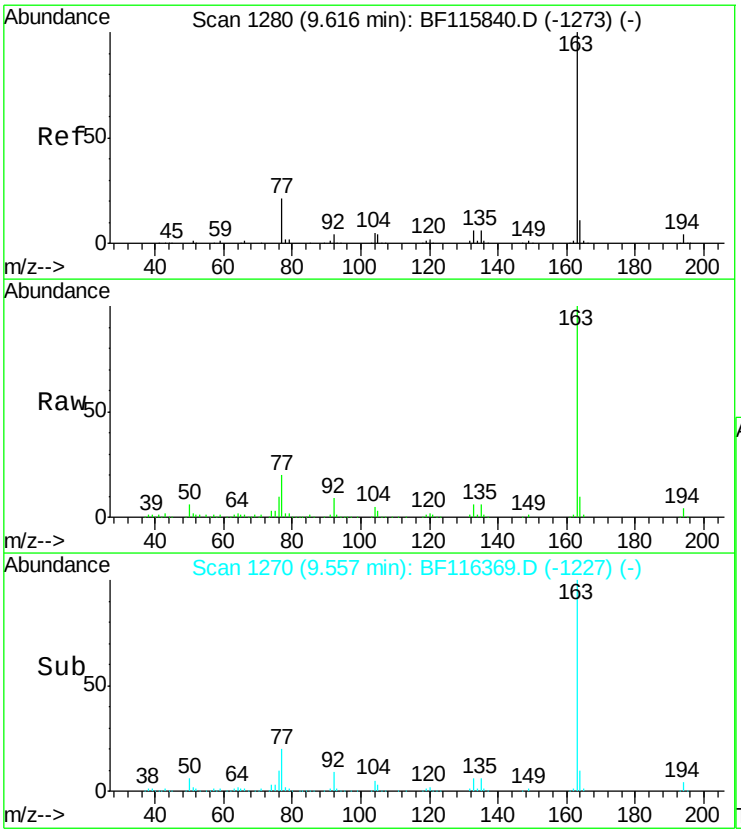
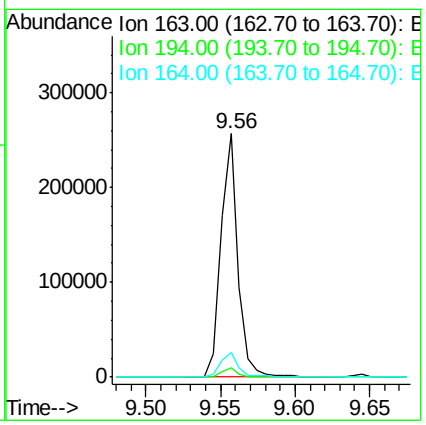
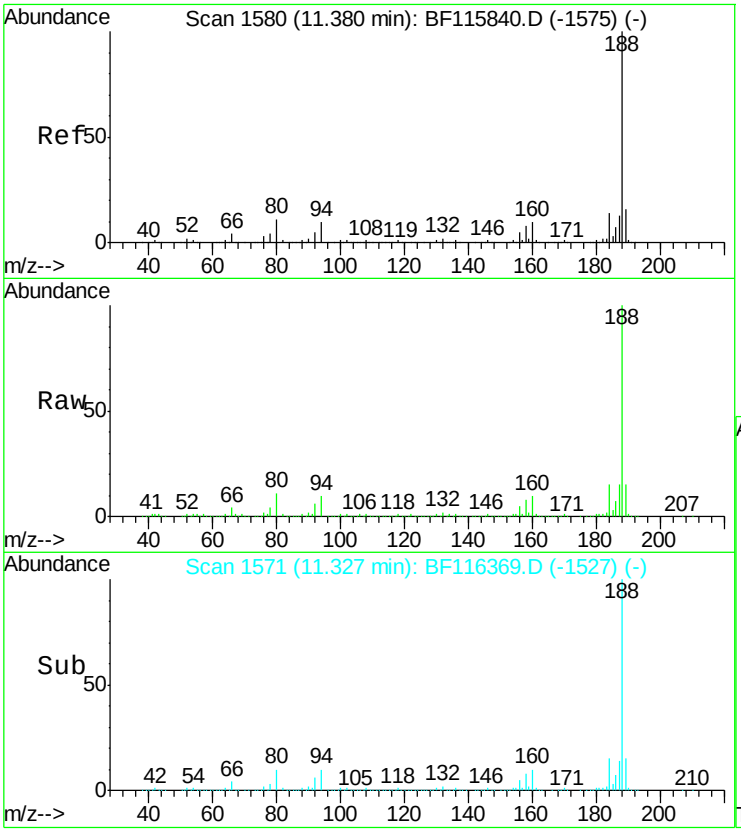


#50
Dimethylphthalate
Concen: 11.865 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:163 Resp: 206700

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

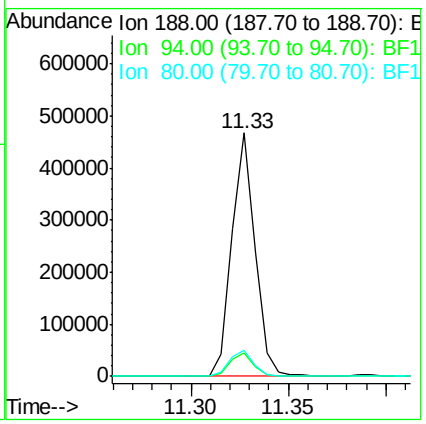




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:188 Resp: 386502

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.5	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SP-13

Manual Integrations APPROVED
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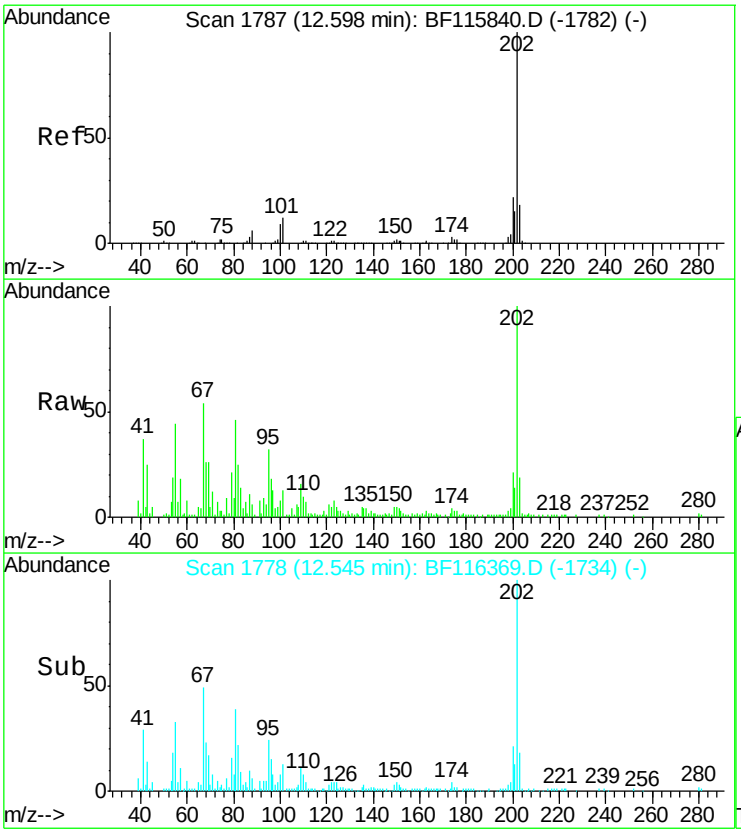
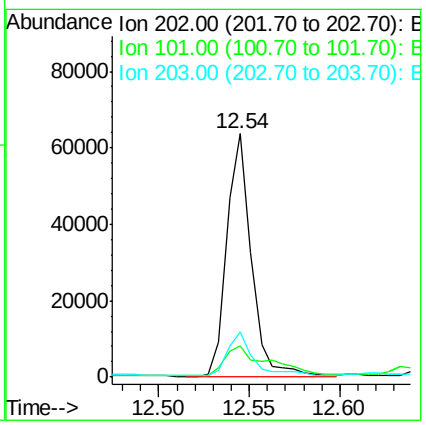
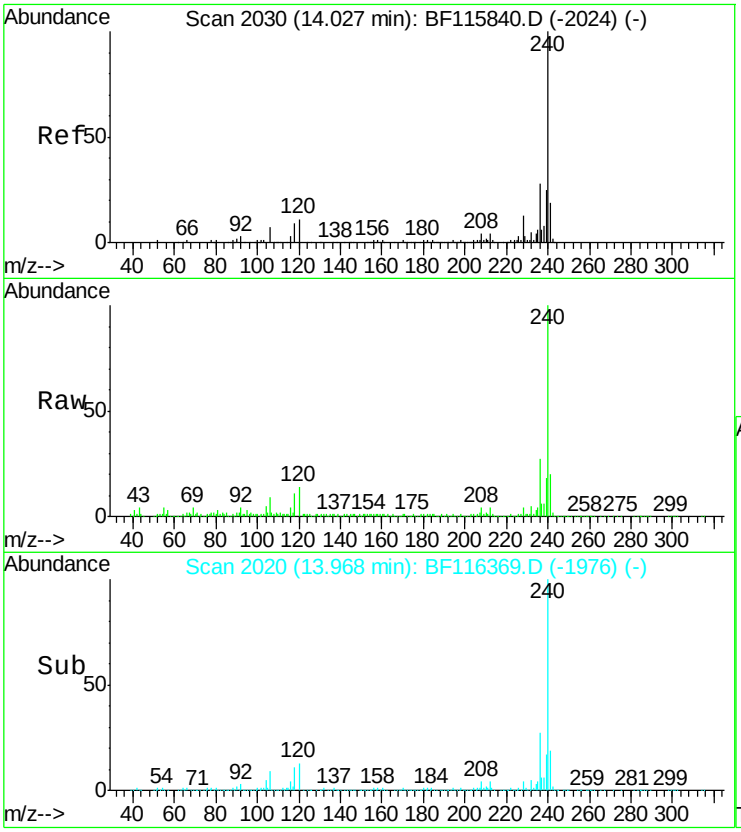


#75
Fluoranthene
Concen: 2.937 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:202 Resp: 60750

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.2
203	18.8	0.0	37.8

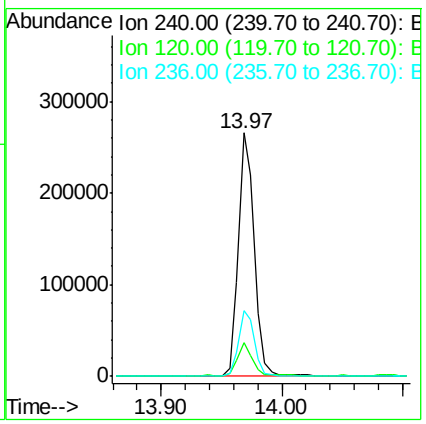




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:240 Resp: 243525

Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.7	16.1
236	26.9	22.2	33.2



Instrument :
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ClientSampleId :
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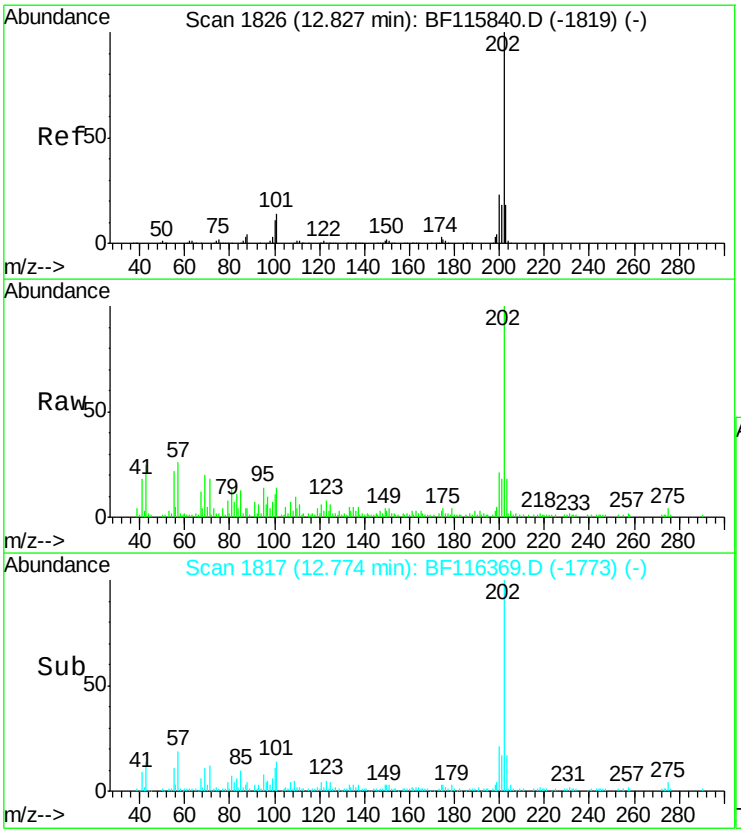
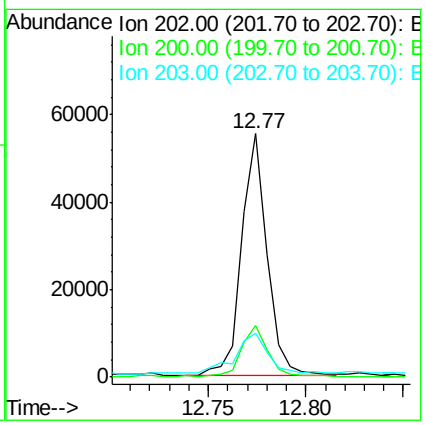
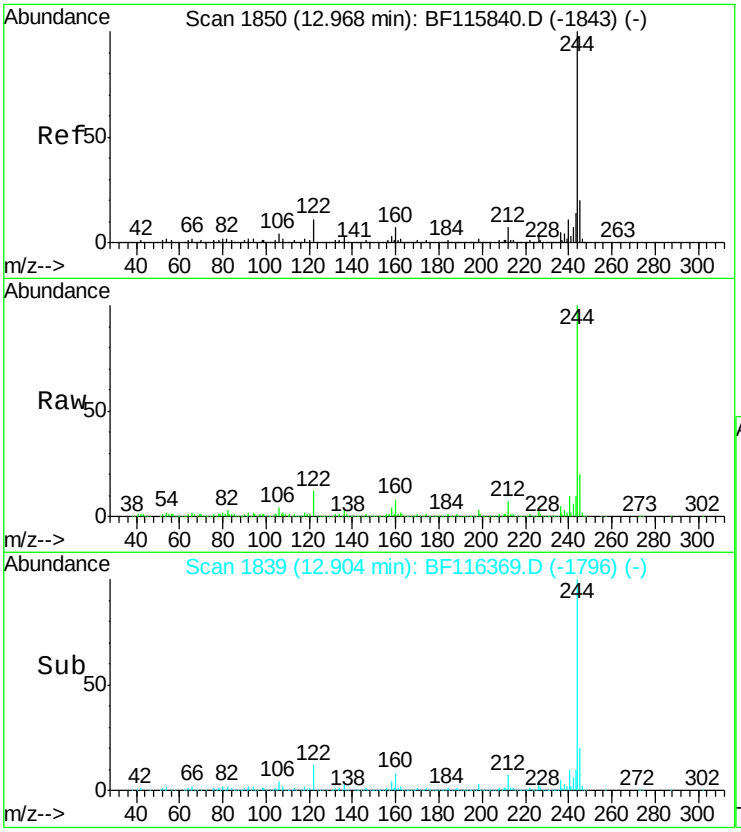


#78
Pyrene
Concen: 2.719 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:202 Resp: 49922

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.0	27.0
203	18.0	14.1	21.1

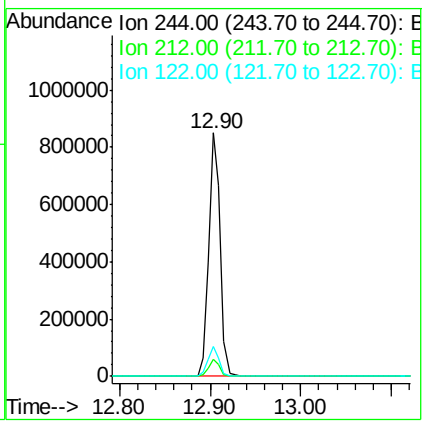




#79
Terphenyl-d14
Concen: 65.243 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.05 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:244 Resp: 754017

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.4	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SP-13

Manual Integrations APPROVED
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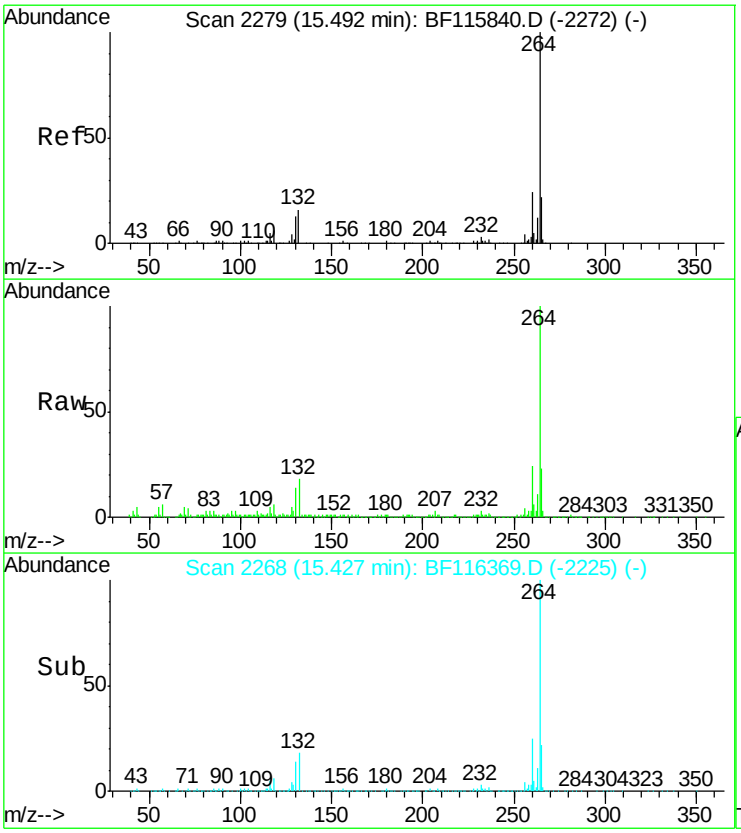
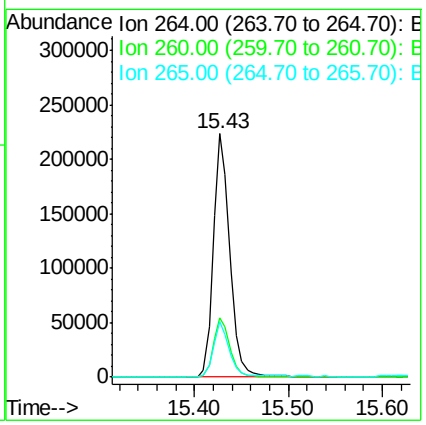
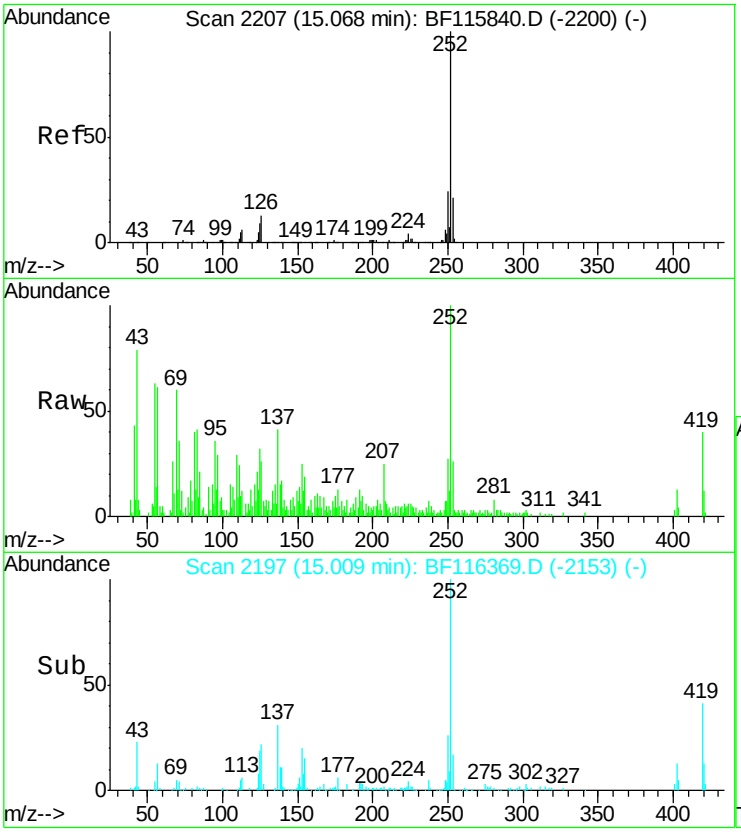


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.05 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:264 Resp: 276550

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.5	17.4	26.0





#88
Benzo(b)fluoranthene
Concen: 2.172 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:252 Resp: 34736

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.8
125	32.0	8.4	12.6#

Instrument :
BNA_F
ClientSampleId :
SP-13

Manual Integrations APPROVED
Jagrut
8/19/2019 3:31:16 PM