Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115396.D
Acq On : 5 Jul 2019 18:35
Operator : HP/JU
Sample : K3624-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

Manual Integrations APPROVED
mohammad
7/8/2019 2:13:06 PM

Quant Time: Jul 06 04:31:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163336	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	639896	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	296535	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	513271	20.00	ng	0.00
76) Chrysene-d12	14.04	240	424951	20.00	ng	-0.02
87) Perylene-d12	15.53	264	365397	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	444911	42.09	ng	0.00
7) Phenol-d6	6.51	99	589590	43.85	ng	-0.01
23) Nitrobenzene-d5	7.45	82	338698	31.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	129485	39.49	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	648173	38.36	ng	0.00
79) Terphenyl-d14	12.99	244	647717	31.21	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	73600	3.307	ng	99
75) Fluoranthene	12.62	202	136075	4.788	ng	96
78) Pyrene	12.85	202	135422	4.098	ng	97
81) Benzo(a)anthracene	14.03	228	77555	2.848	ng	98
83) Chrysene	14.07	228	85619	3.060	ng	97
88) Benzo(b)fluoranthene	15.09	252	105952m	4.454	ng	
90) Benzo(a)pyrene	15.46	252	65855	3.209	ng	# 96
92) Benzo(g,h,i)perylene	17.44	276	38228	2.303	ng	95

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

Quantitation Report (LSC Reviewed)

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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

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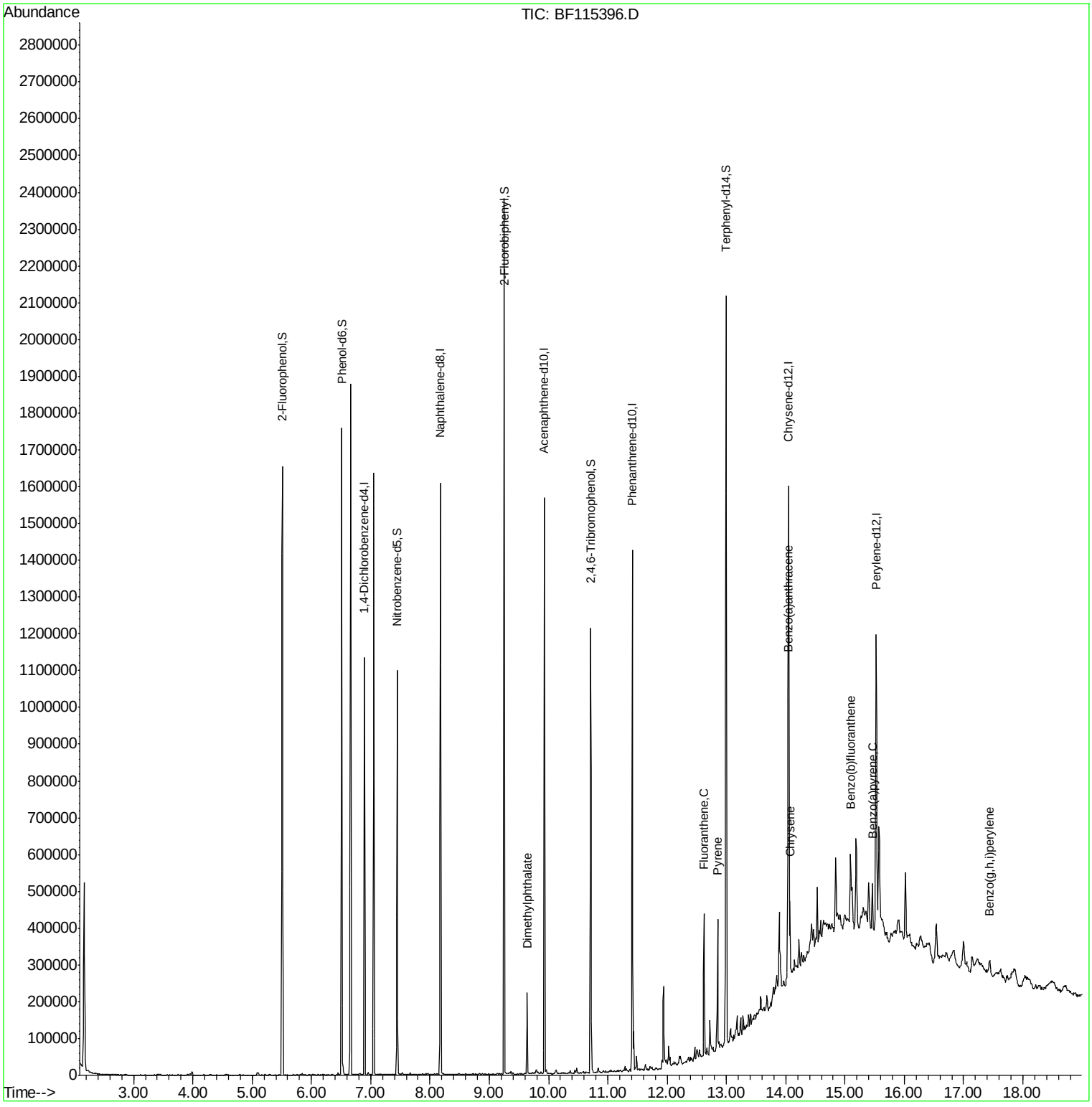
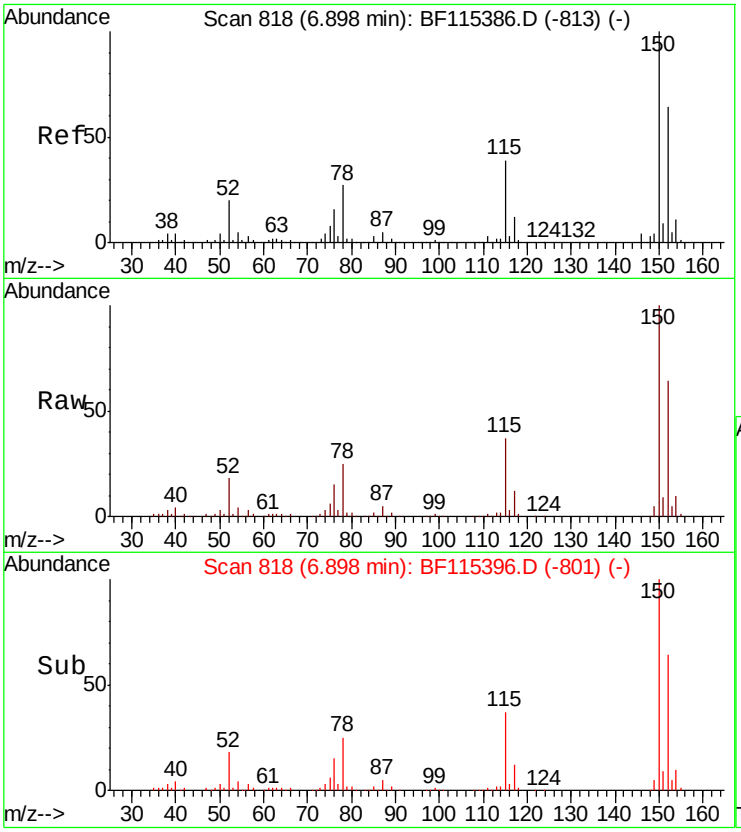
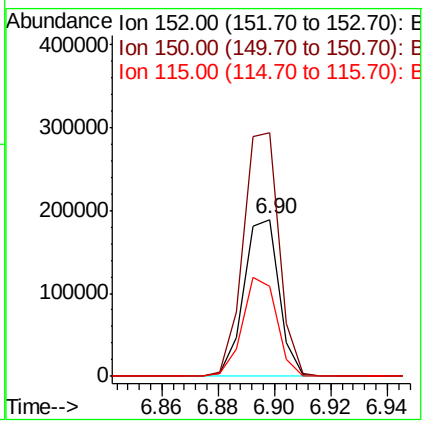




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:152 Resp: 163336

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	57.4	48.1	72.1



Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

Manual Integrations APPROVED
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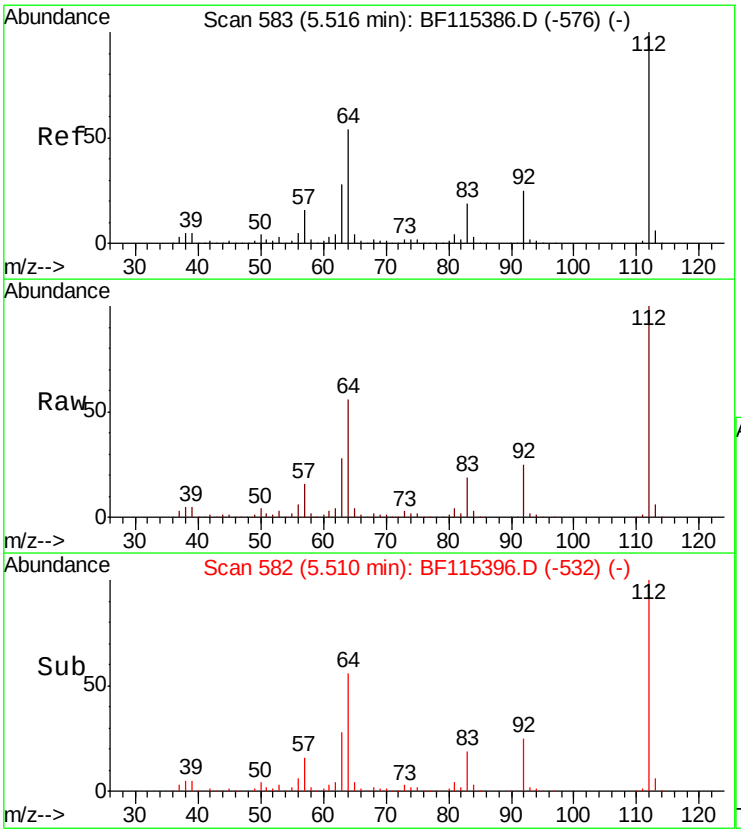
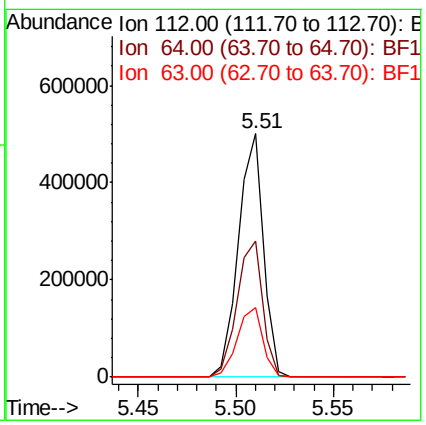
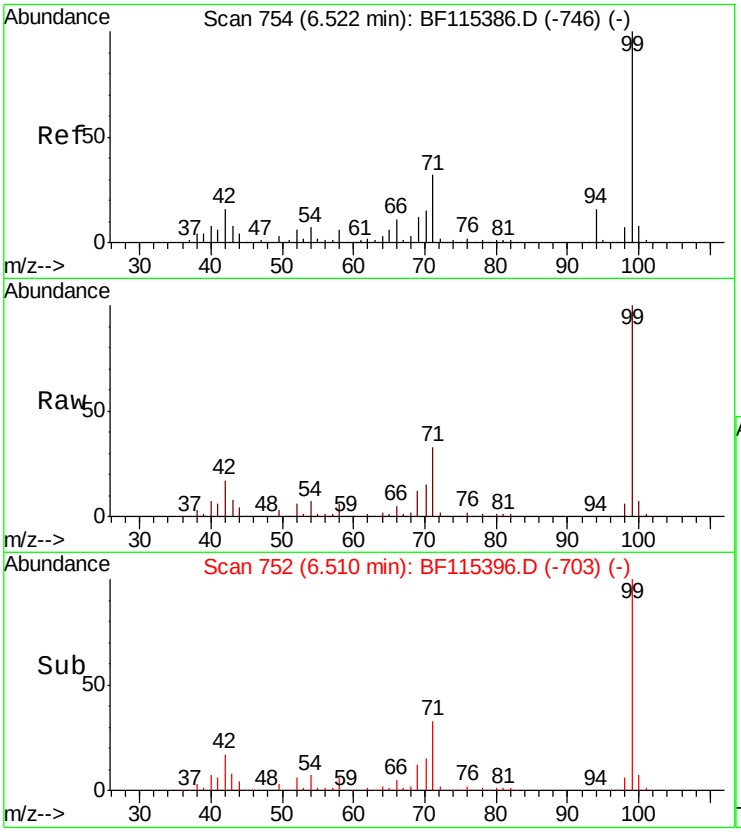


#5
2-Fluorophenol
Concen: 42.085 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:112 Resp: 444911

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.0	64.6
63	28.3	22.2	33.2

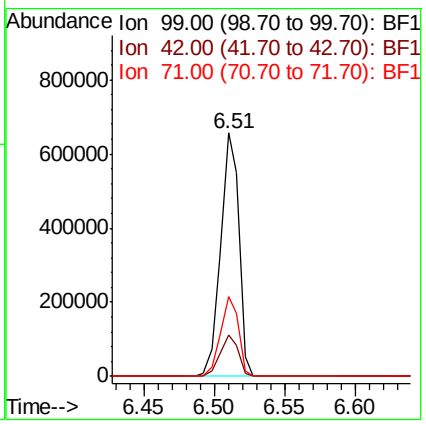




#7
Phenol-d6
Concen: 43.852 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion: 99 Resp: 589590

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.1	19.7
71	32.8	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

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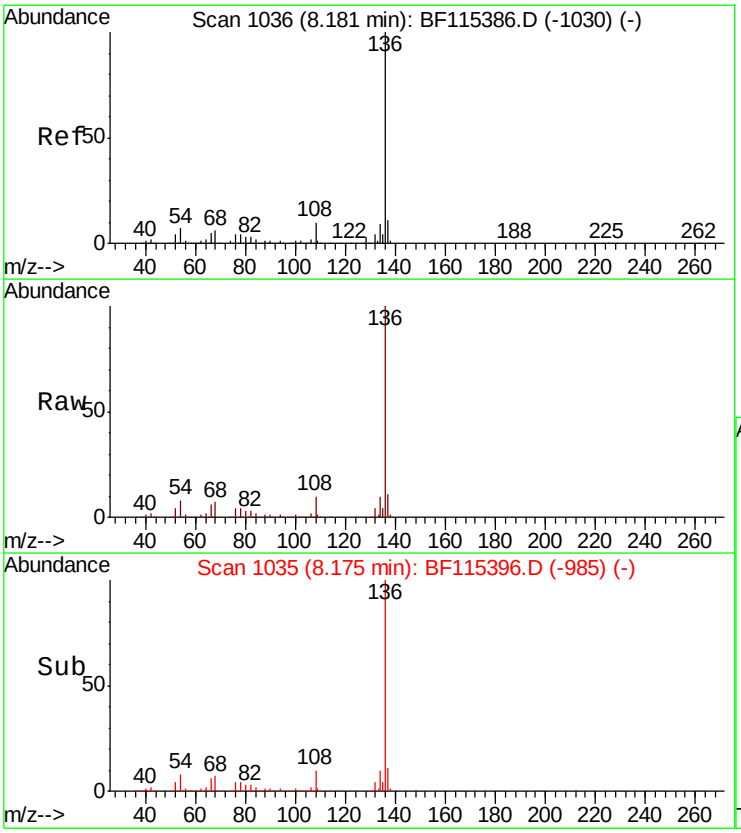
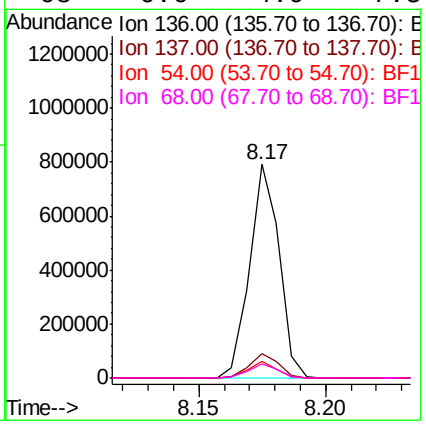
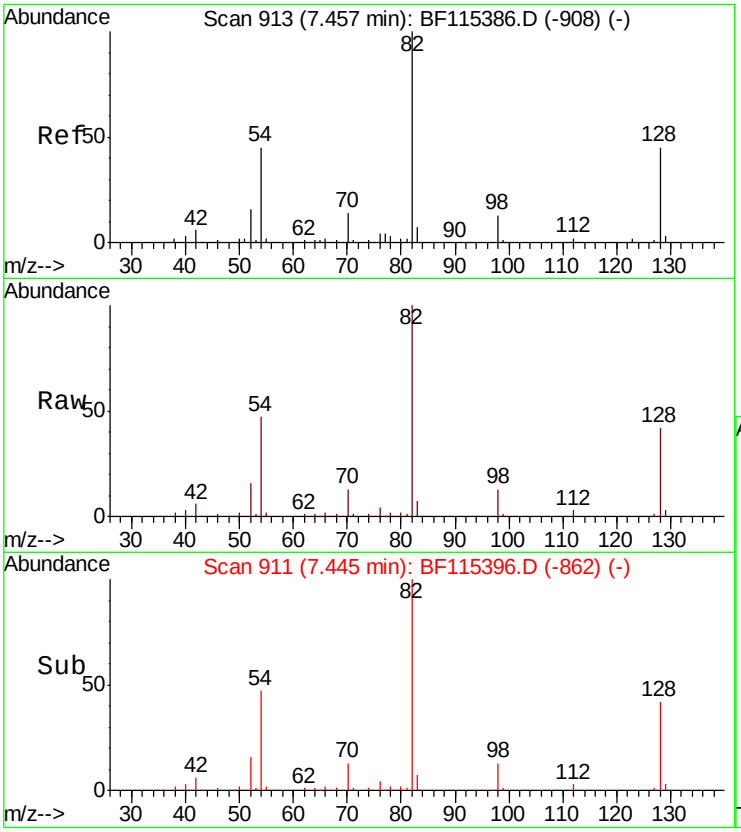


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:136 Resp: 639896

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	5.6	8.4
68	6.6	4.9	7.3

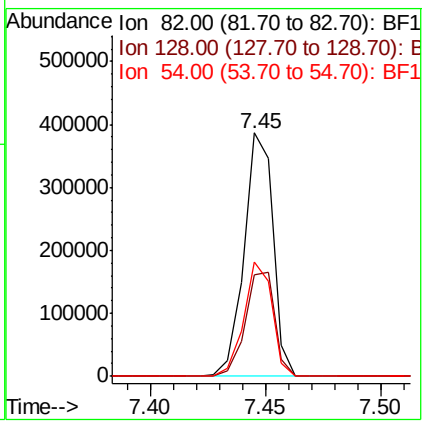




#23
Nitrobenzene-d5
Concen: 31.273 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion: 82 Resp: 338698

Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.7	53.5
54	47.1	36.3	54.5



Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

Manual Integrations APPROVED
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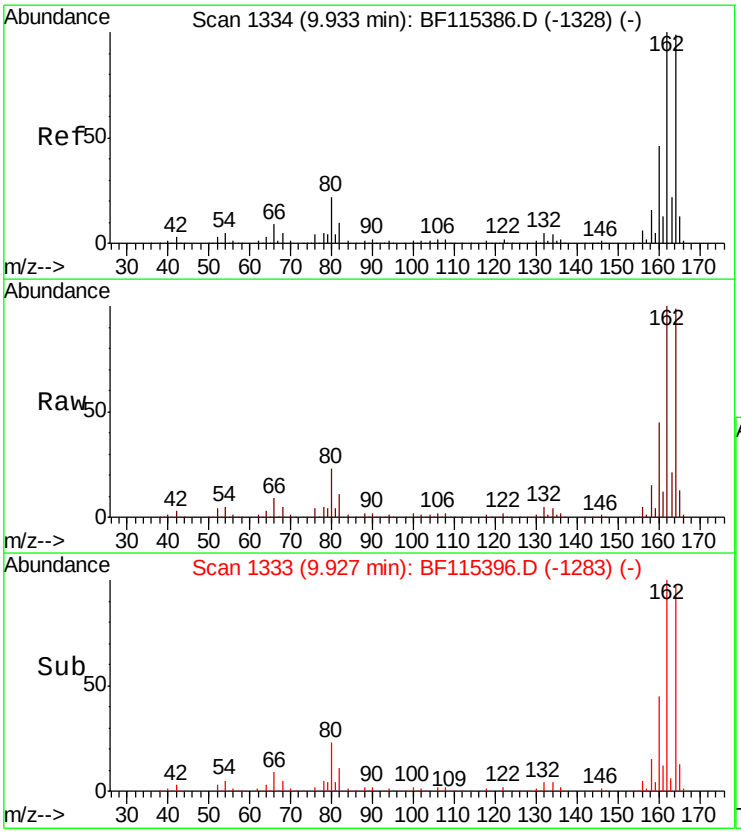
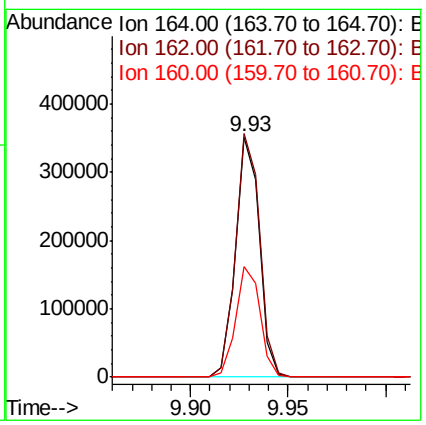
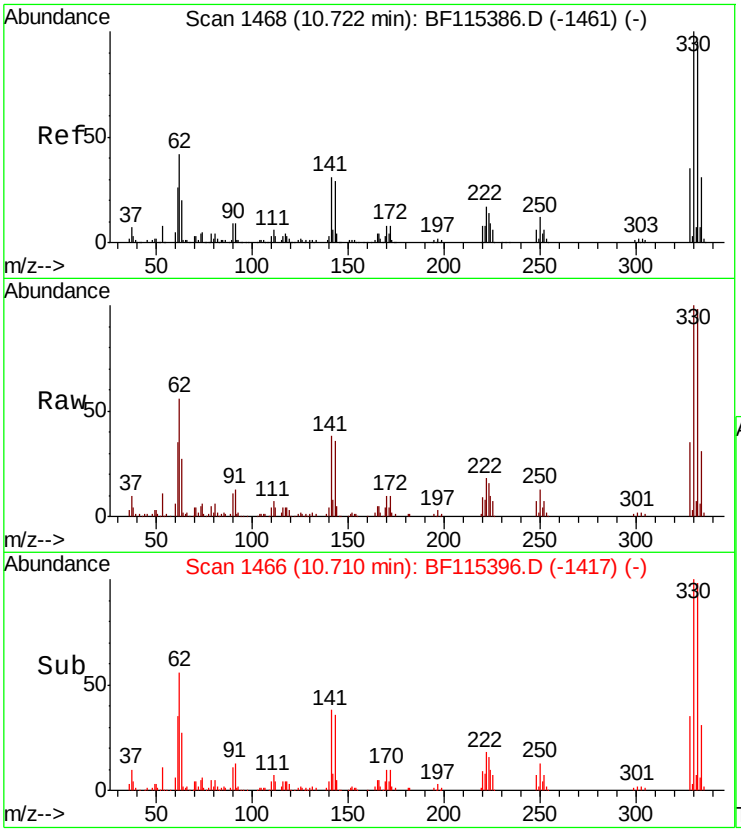


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:164 Resp: 296535

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	45.9	37.0	55.6

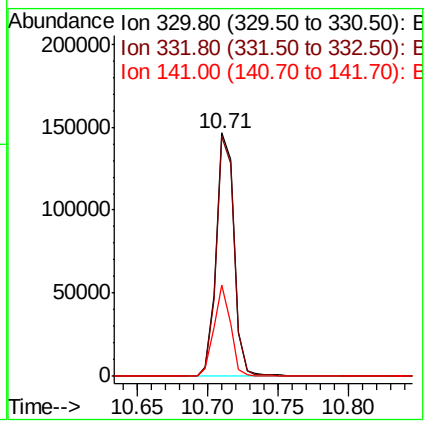




#42
2,4,6-Tribromophenol
Concen: 39.493 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:330 Resp: 129485

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.3	114.5
141	35.0	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

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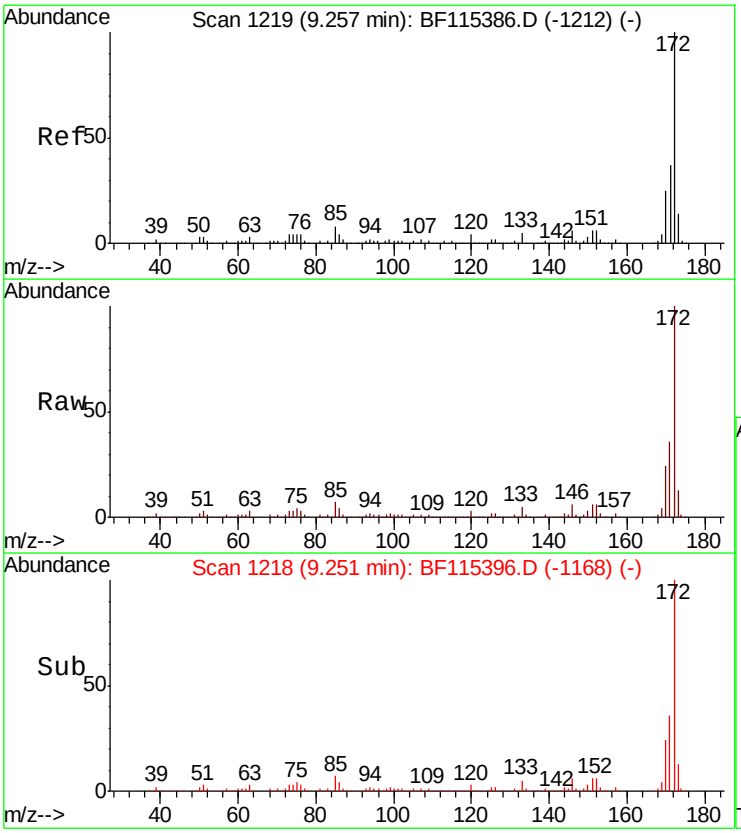
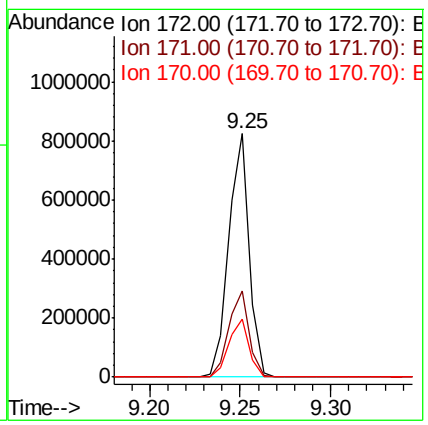
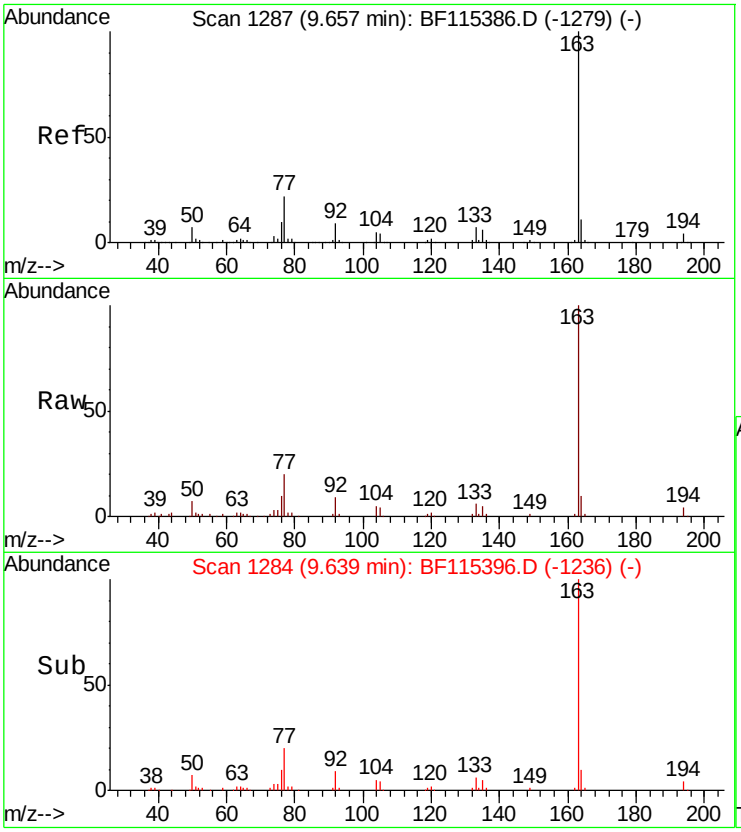


#45
2-Fluorobiphenyl
Concen: 38.356 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:172 Resp: 648173

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.8	44.8
170	24.1	20.2	30.4

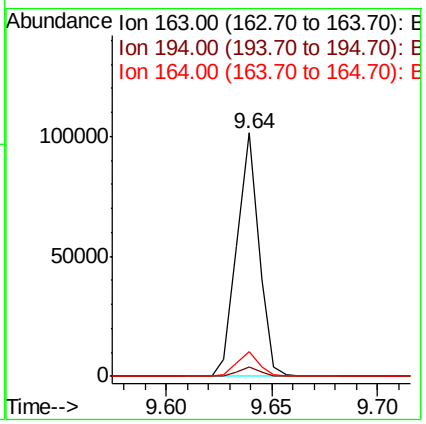




#50
Dimethylphthalate
Concen: 3.307 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:163 Resp: 73600

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.2	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
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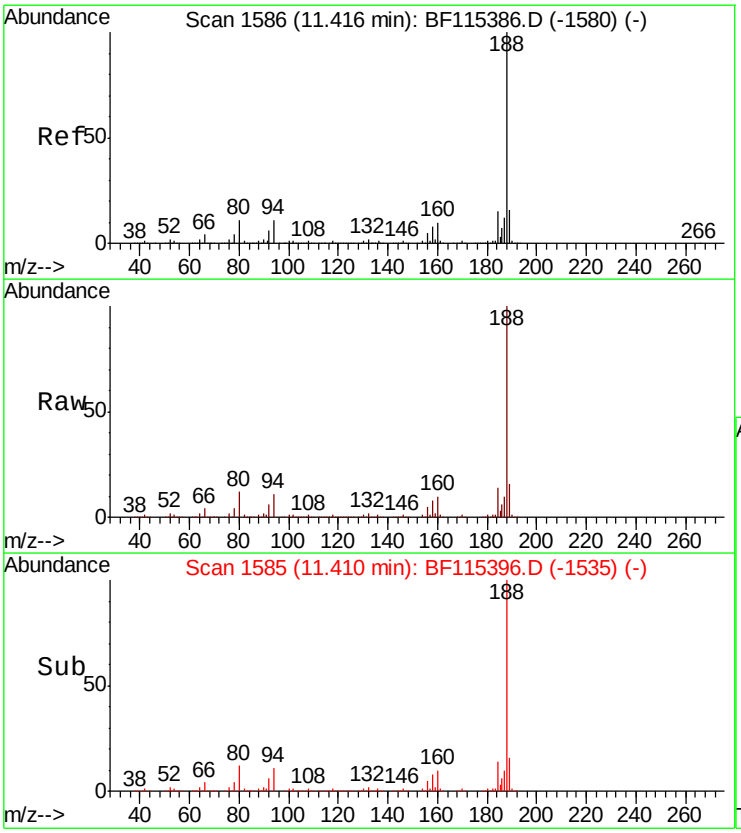
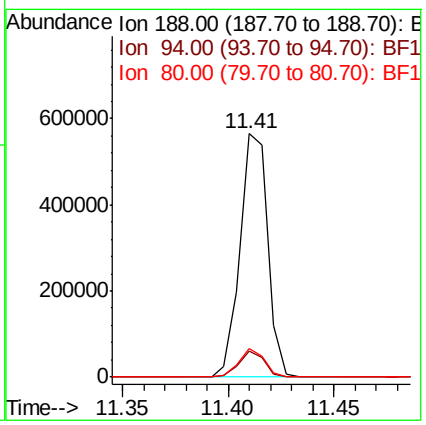
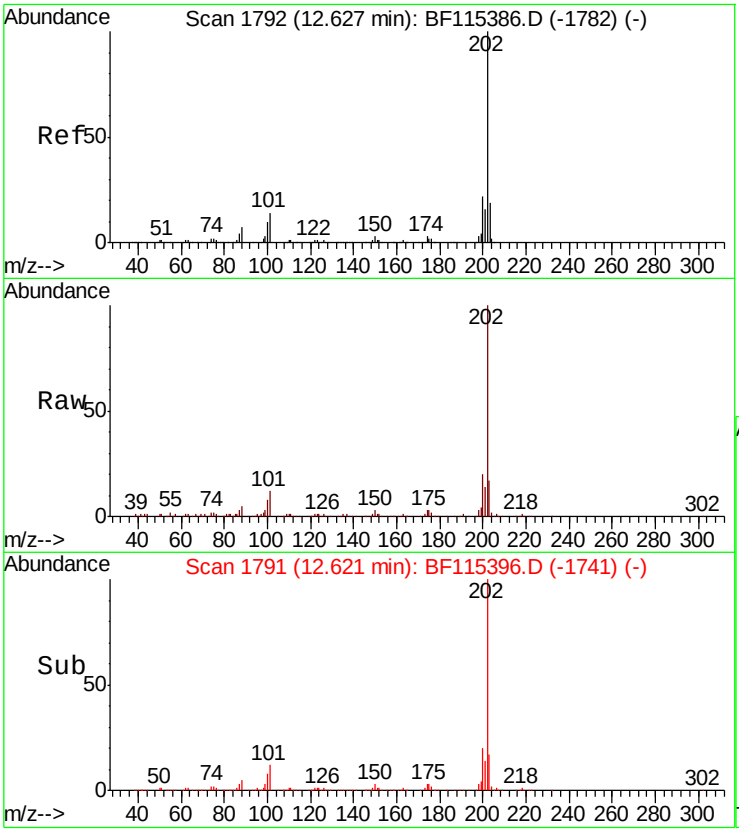


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:188 Resp: 513271

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.9	9.1	13.7

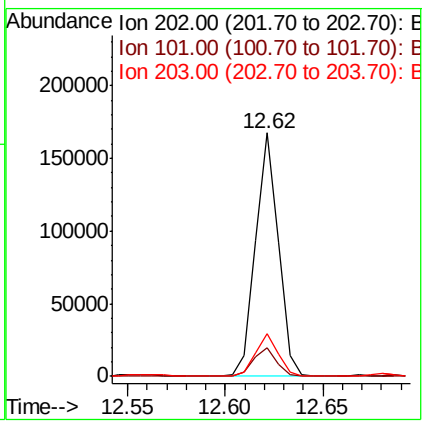




#75
Fluoranthene
Concen: 4.788 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:202 Resp: 136075

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.0
203	17.4	0.0	38.5



Instrument :
BNA_F
ClientSampleId :
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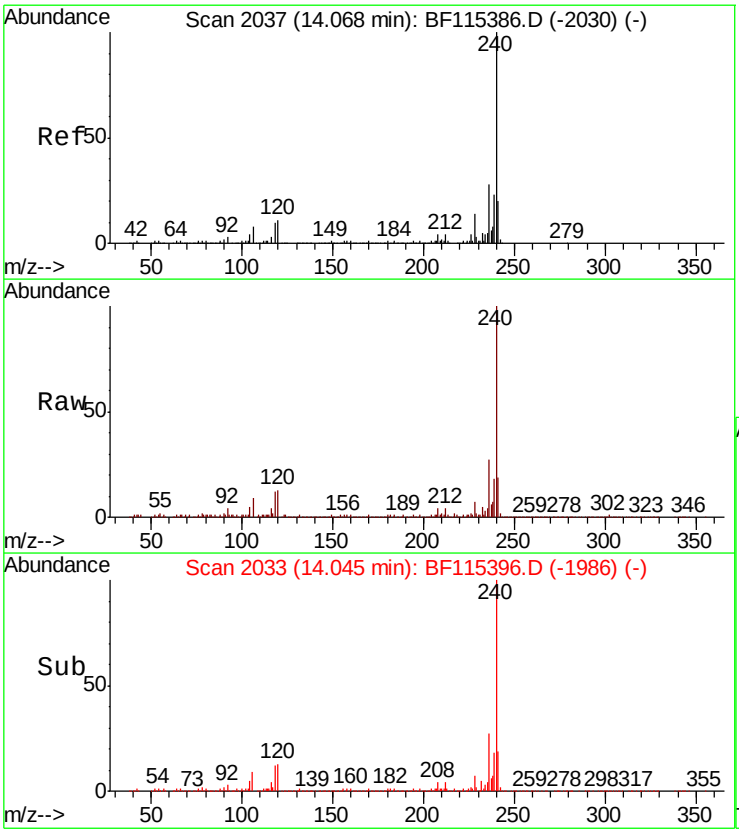
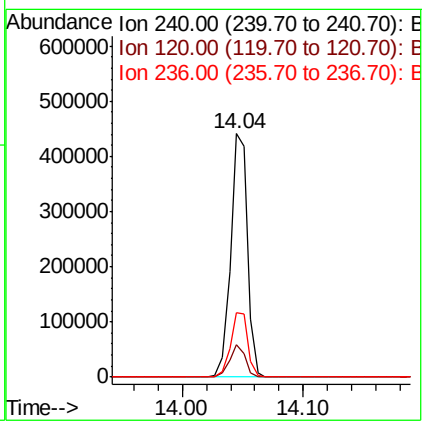
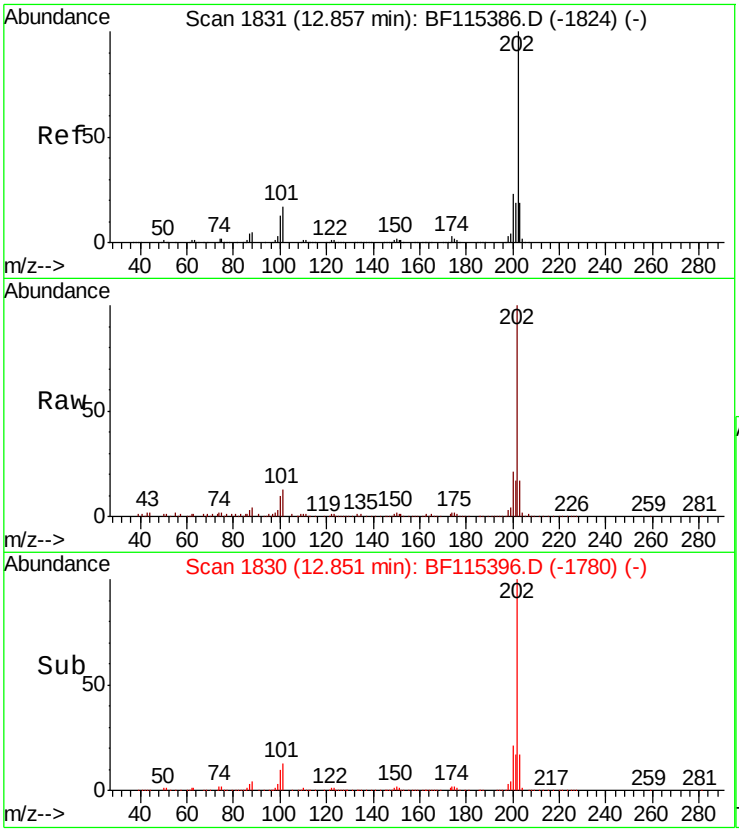


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:240 Resp: 424951

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.1	13.7
236	26.6	22.5	33.7

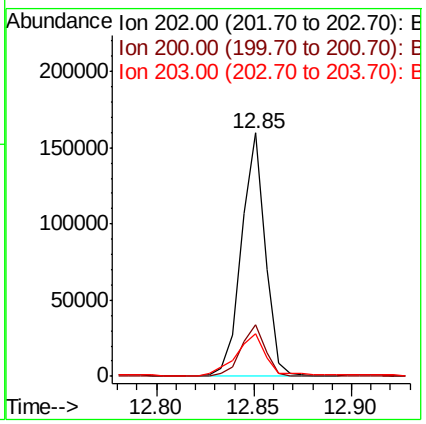




#78
Pyrene
Concen: 4.098 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:202 Resp: 135422

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.4
203	17.4	14.8	22.2



Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

Manual Integrations APPROVED
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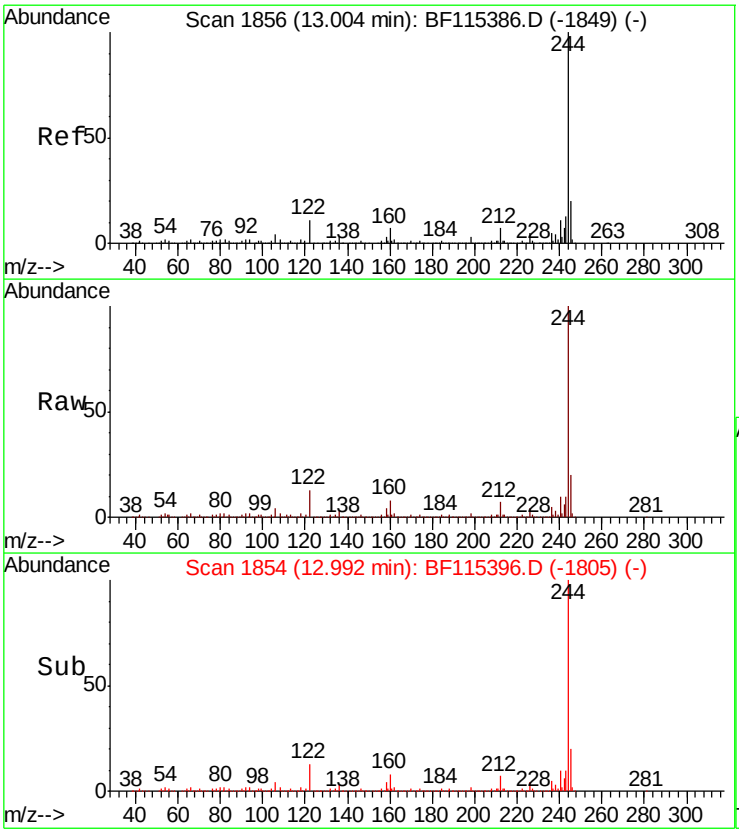
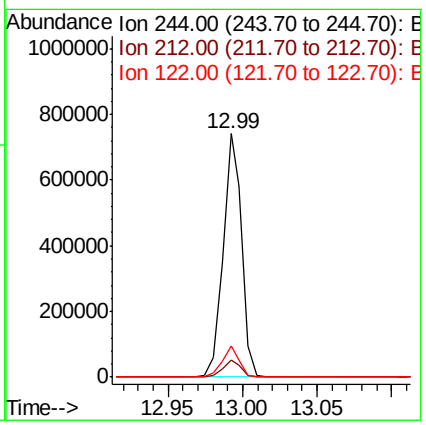
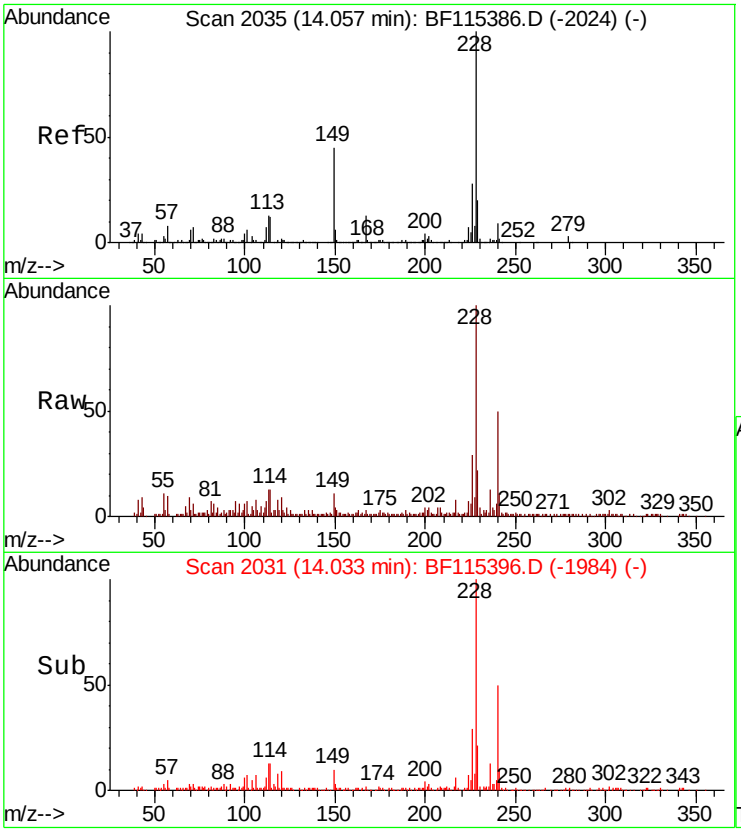


#79
Terphenyl-d14
Concen: 31.208 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:244 Resp: 647717

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.7	9.1	13.7

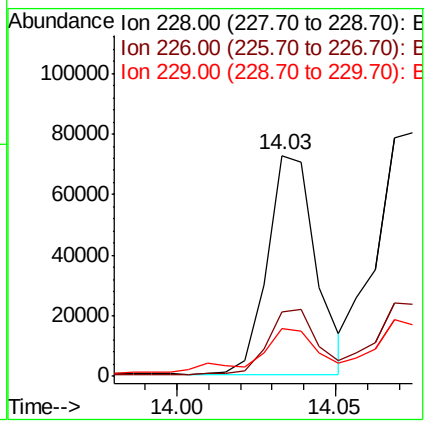




#81
Benzo(a)anthracene
Concen: 2.848 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:228 Resp: 77555

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.6	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

Manual Integrations APPROVED
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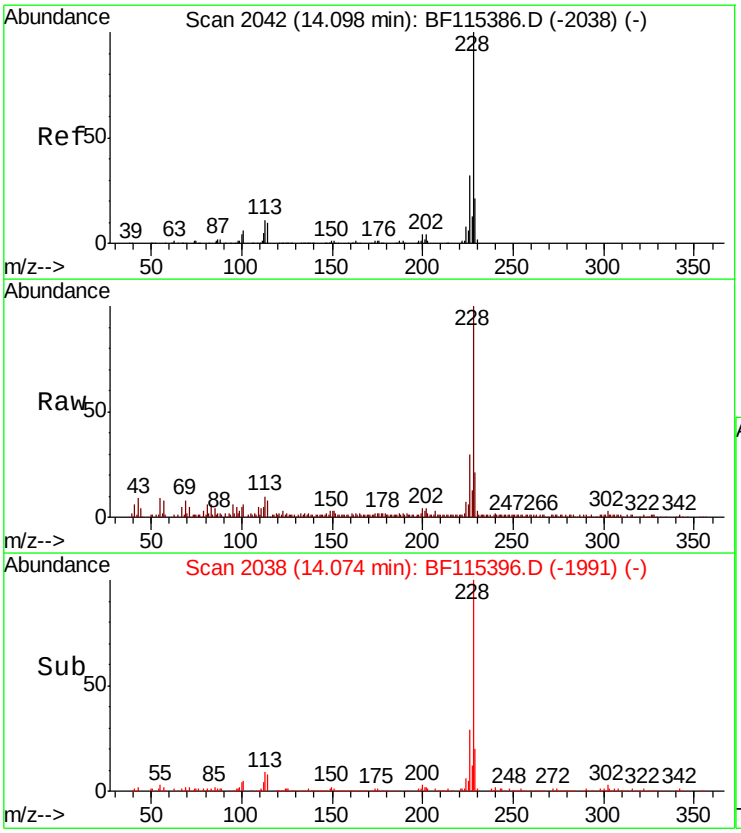
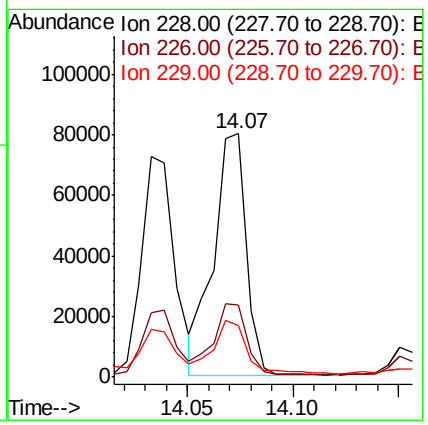
7/8/2019 2:13:06 PM

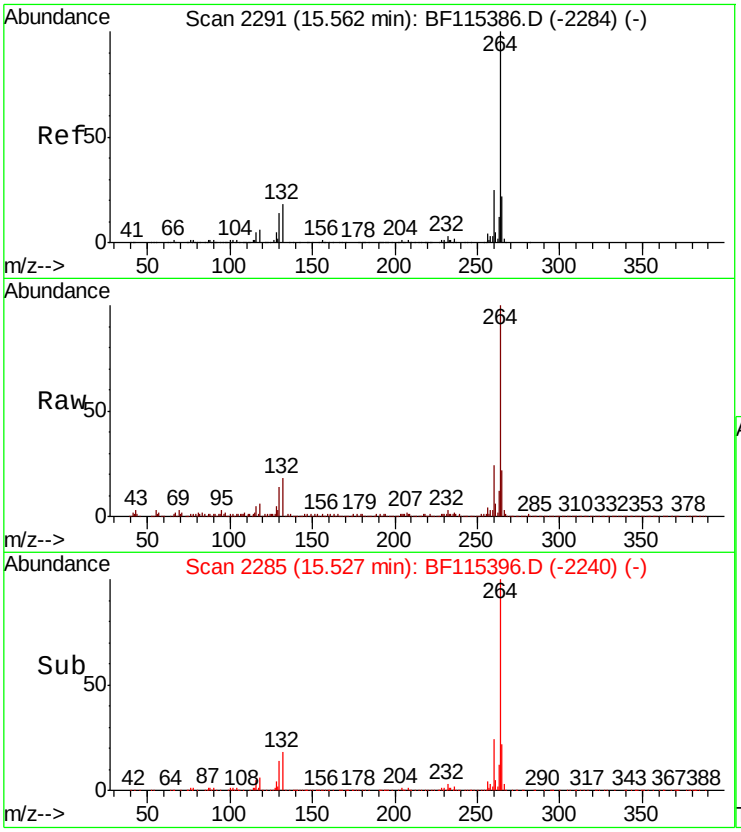


#83
Chrysene
Concen: 3.060 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:228 Resp: 85619

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.7	38.5
229	21.2	16.6	25.0

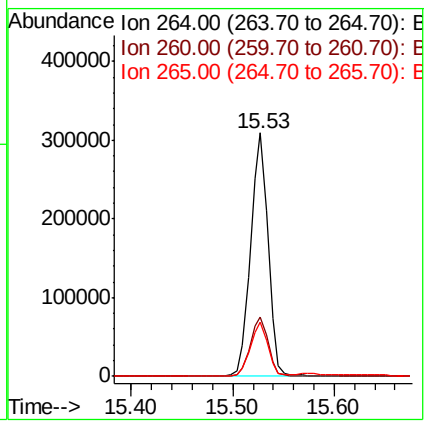




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:264 Resp: 365397

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	22.1	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

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mohammad
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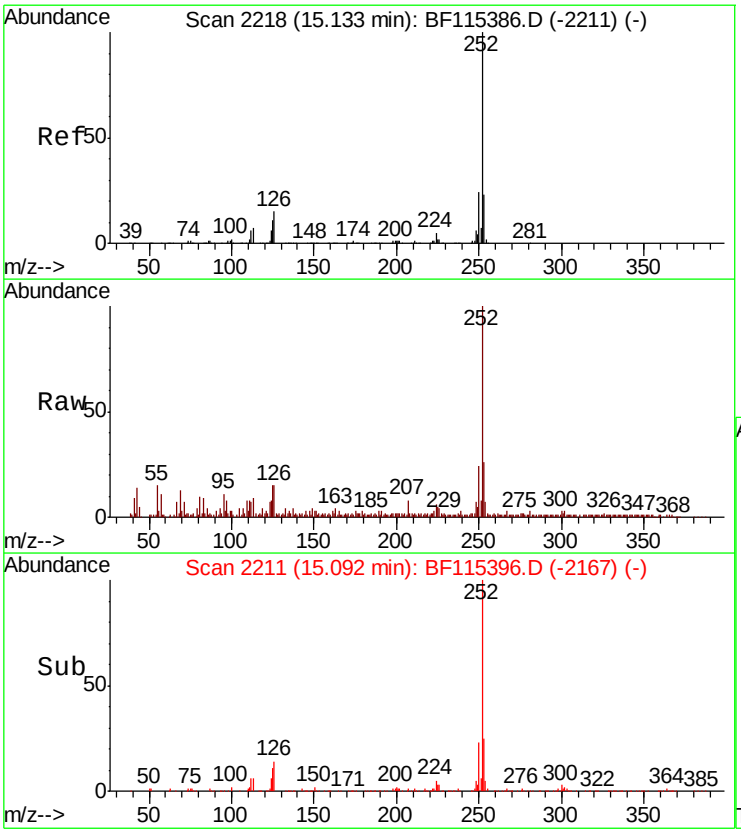
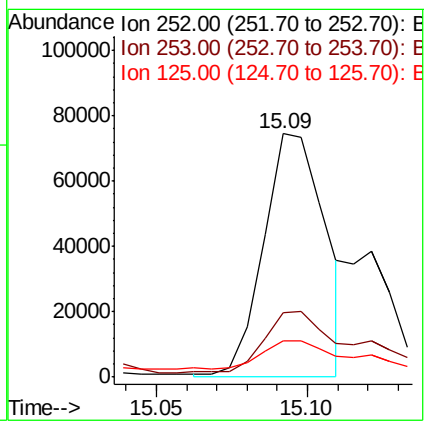
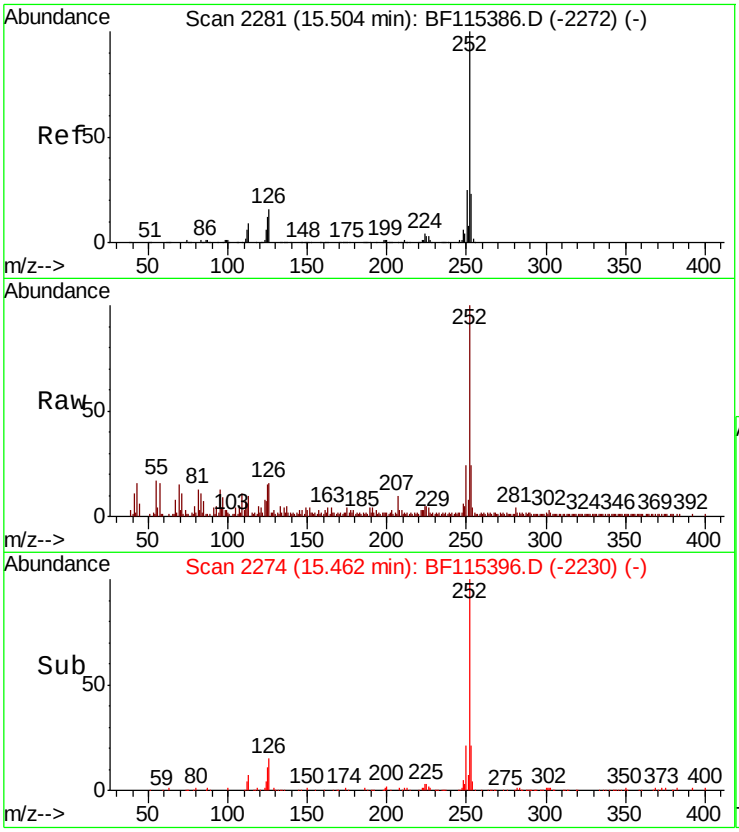


#88
Benzo(b)fluoranthene
Concen: 4.454 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:252 Resp: 105952

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.1	27.1
125	14.8	9.0	13.6#

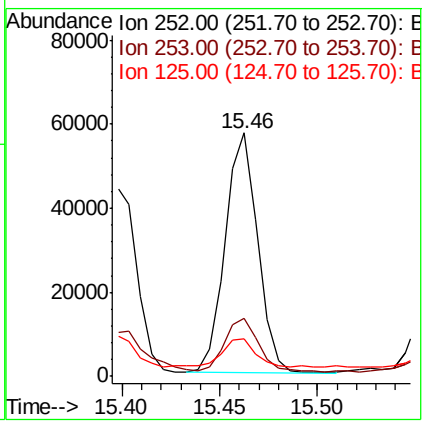




#90
Benzo(a)pyrene
Concen: 3.209 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

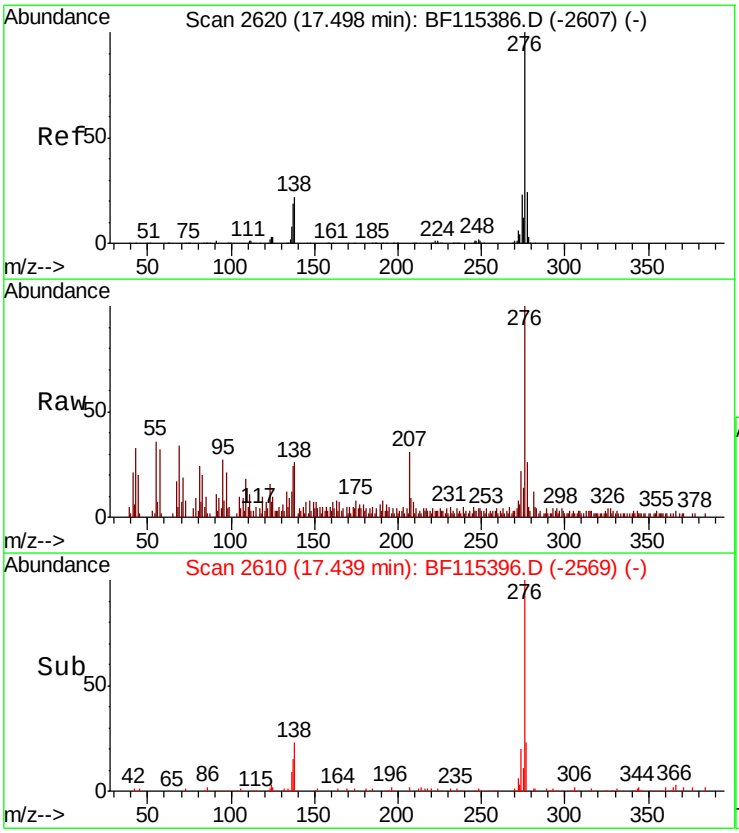
Tgt Ion:252 Resp: 65855

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	15.3	10.0	15.0#



Instrument :
BNA_F
ClientSampleId :
PL-01-070319-C

Manual Integrations APPROVED
mohammad
7/8/2019 2:13:06 PM



#92
Benzo(g,h,i)perylene
Concen: 2.303 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.06 min
Lab File: BF115396.D
Acq: 5 Jul 2019 18:35

Tgt Ion:276 Resp: 38228

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.4	29.2
138	25.7	17.8	26.6