Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117387.D
Acq On : 12 Oct 2019 23:43
Operator : JU
Sample : K5316-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

Manual Integrations APPROVED
mohammad
10/16/2019 8:06:05 AM

Quant Time: Oct 14 03:48:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	40278	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	169605	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	90602	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	150895	20.00	ng		-0.01
76) Chrysene-d12	13.96	240	94818	20.00	ng		-0.01
87) Perylene-d12	15.42	264	100473	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	249769	96.81	ng		-0.01
7) Phenol-d6	6.44	99	346183	103.83	ng		-0.01
23) Nitrobenzene-d5	7.36	82	213017	65.99	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	73882	97.57	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	378061	65.24	ng		-0.01
79) Terphenyl-d14	12.90	244	361647	71.29	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.45	94	8621	2.345	ng	#	76
50) Dimethylphthalate	9.55	163	55133	8.594	ng		99
71) Phenanthrene	11.34	178	18793	2.193	ng		99
75) Fluoranthene	12.53	202	83932	9.531	ng		97
78) Pyrene	12.76	202	81115	10.196	ng		99
81) Benzo(a)anthracene	13.95	228	42880	6.769	ng		99
83) Chrysene	13.99	228	42349	6.854	ng		97
86) Indeno(1,2,3-cd)pyrene	16.87	276	15554	3.451	ng		95
88) Benzo(b)fluoranthene	15.00	252	35908m	5.900	ng		
90) Benzo(a)pyrene	15.36	252	27907	5.225	ng		94
92) Benzo(g,h,i)perylene	17.32	276	15400	3.632	ng	#	90

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

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ClientSampleId :
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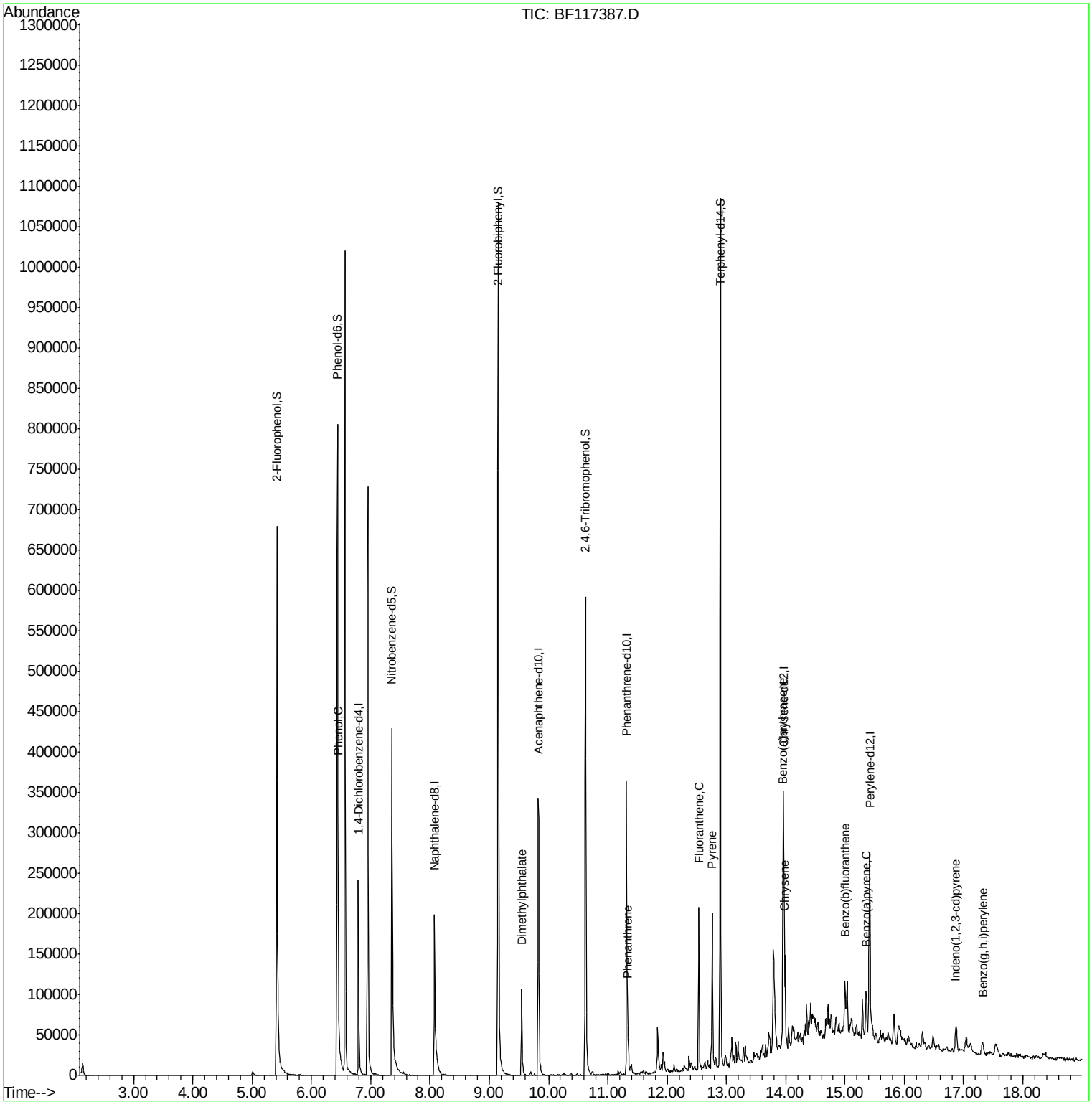
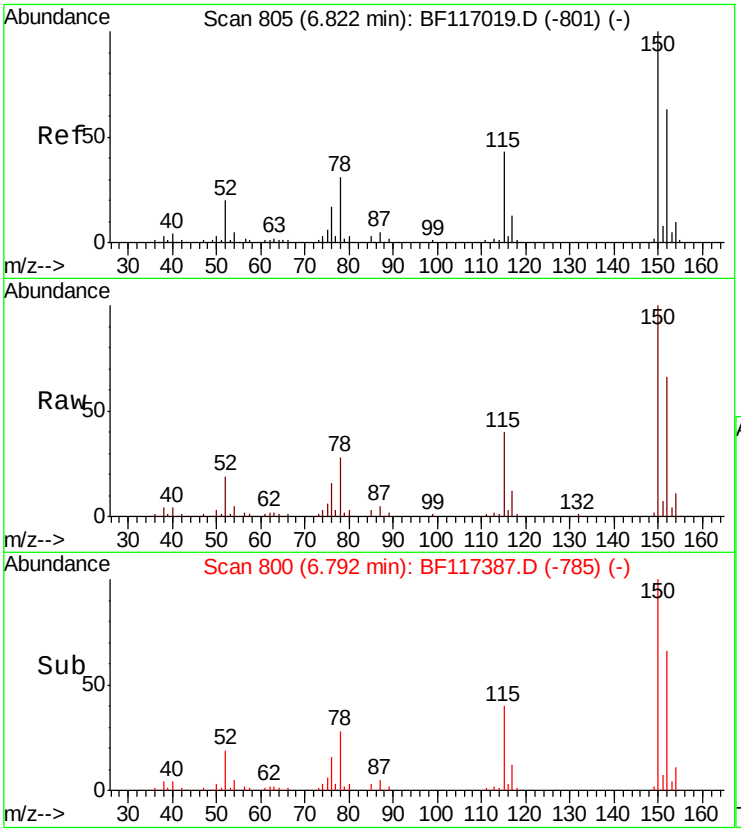
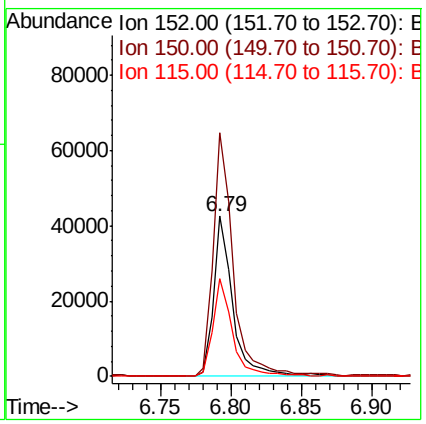




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:152 Resp: 40278

Ion	Ratio	Lower	Upper
152	100		
150	152.3	127.5	191.3
115	61.3	55.0	82.4



Instrument :
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ClientSampleId :
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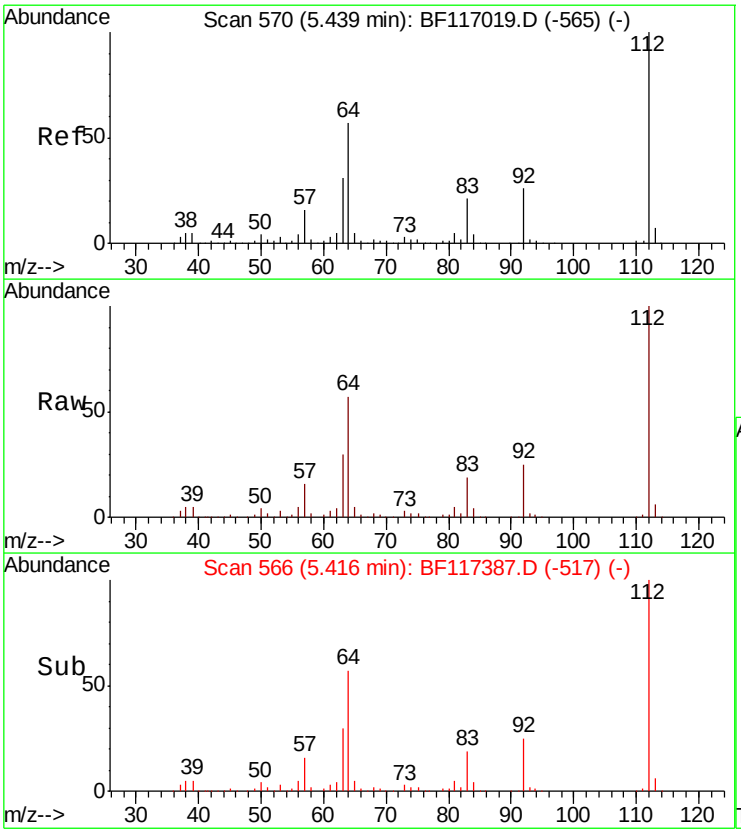
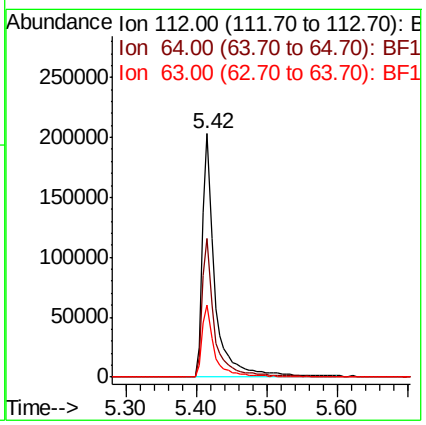
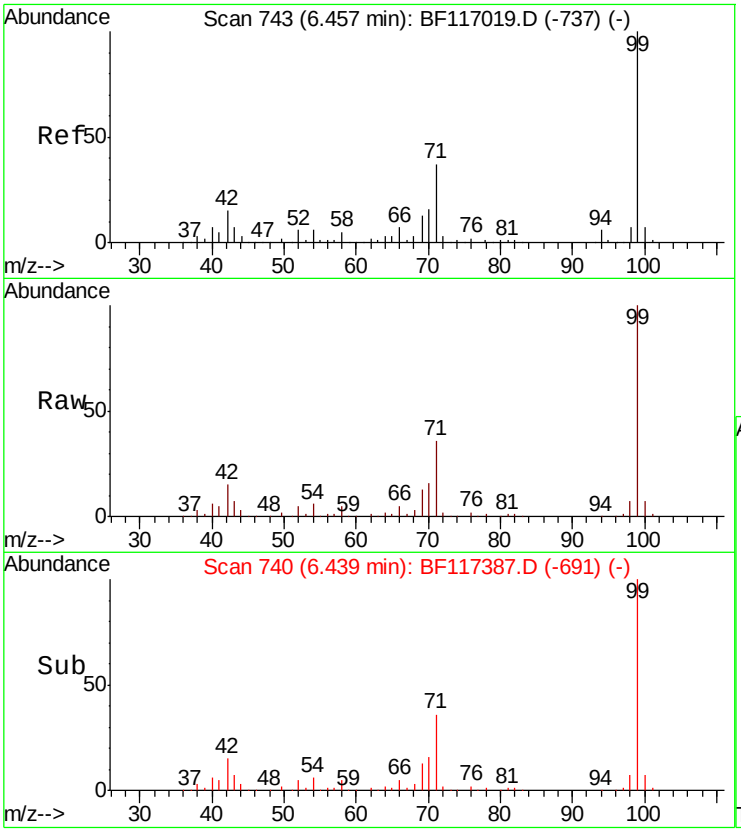


#5
2-Fluorophenol
Concen: 96.815 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:112 Resp: 249769

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.7	68.5
63	29.7	24.9	37.3

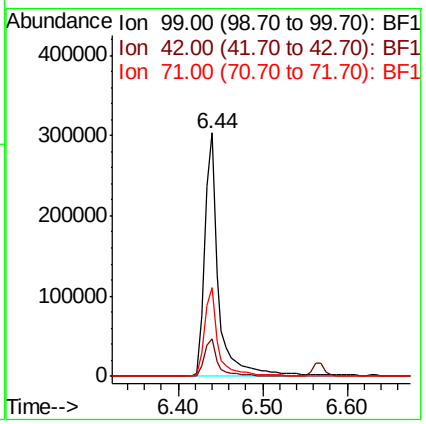




#7
Phenol-d6
Concen: 103.831 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion: 99 Resp: 346183

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	36.4	29.8	44.8



Instrument :
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ClientSampleId :
TP-10

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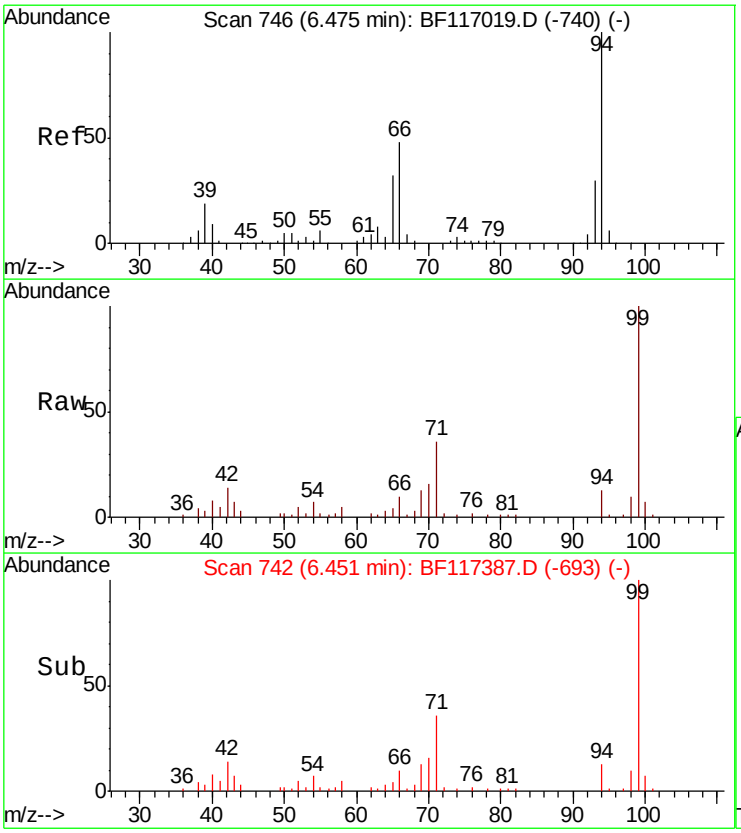
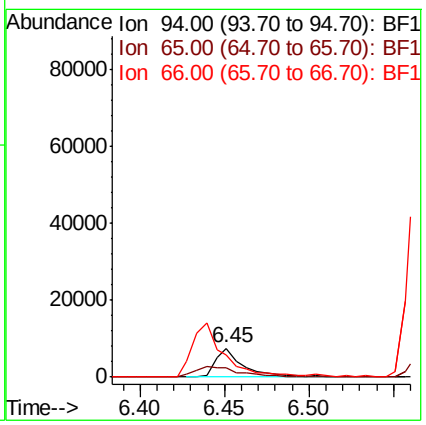
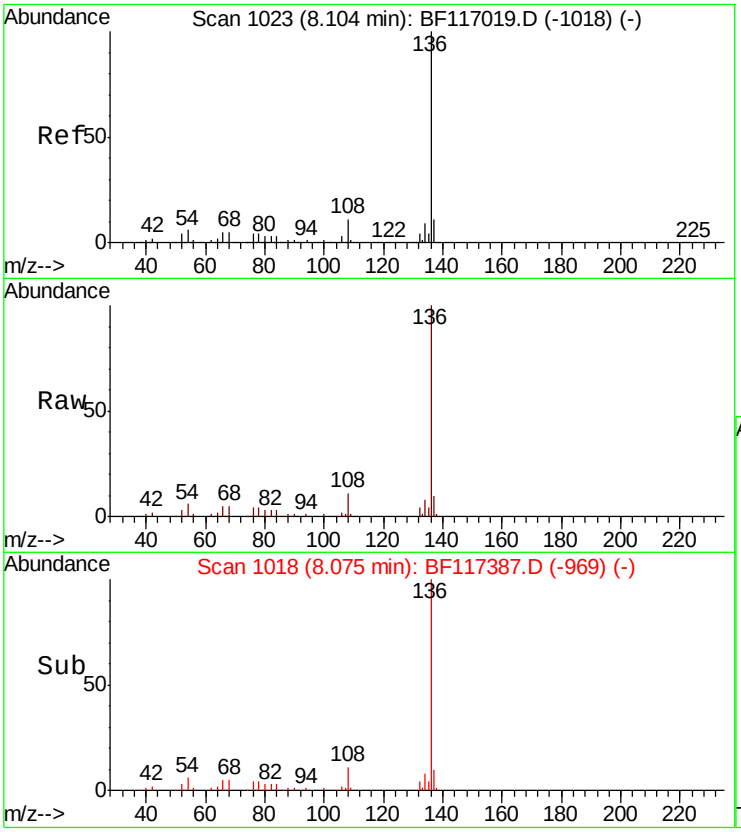


#10
Phenol
Concen: 2.345 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion: 94 Resp: 8621

Ion	Ratio	Lower	Upper
94	100		
65	31.9	12.5	52.5
66	75.3	28.9	68.9#

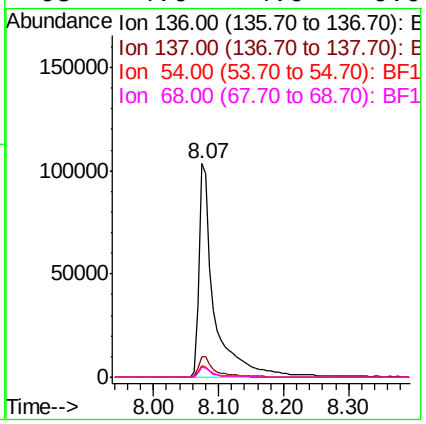




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:136 Resp: 169605

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.4
54	5.7	4.5	6.7
68	4.6	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
TP-10

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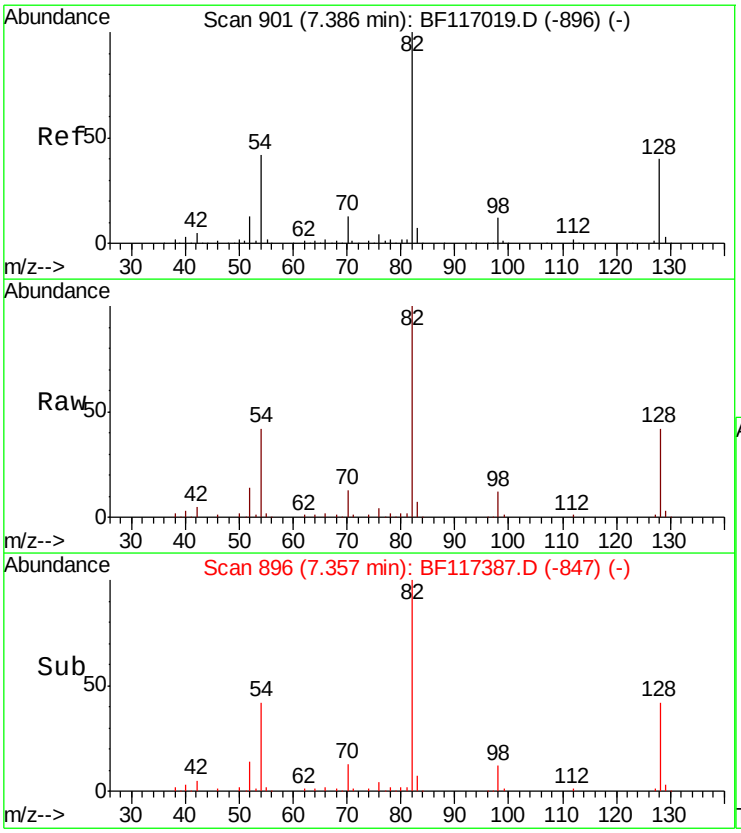
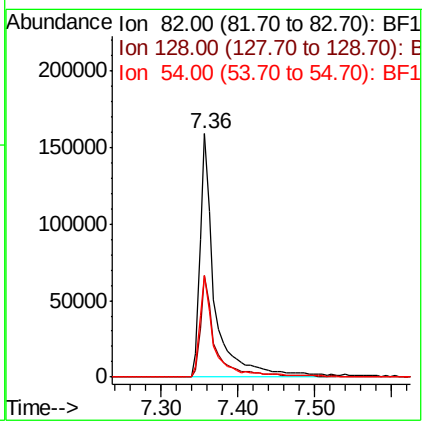
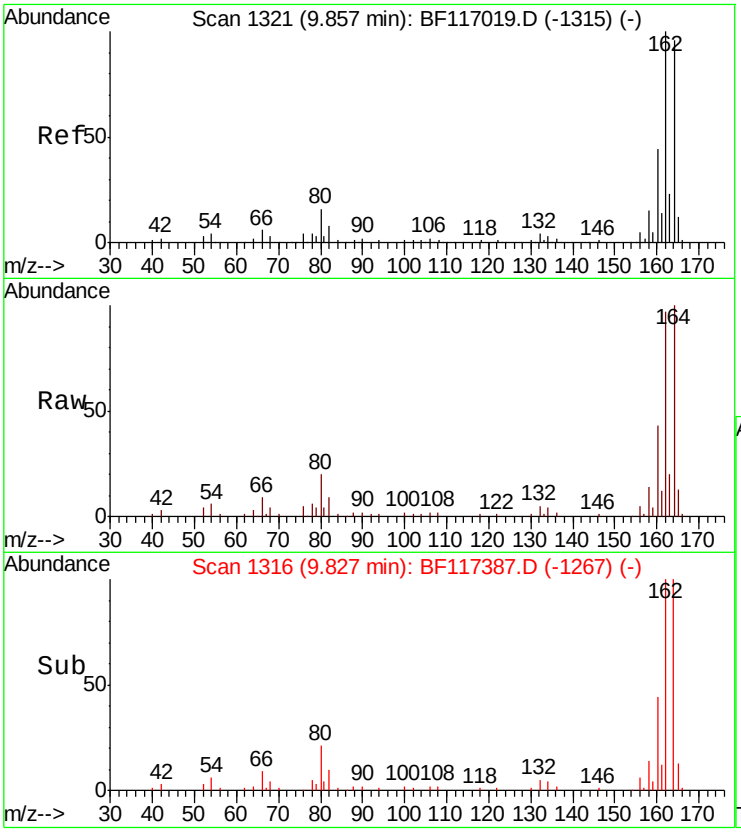


#23
Nitrobenzene-d5
Concen: 65.991 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion: 82 Resp: 213017

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.3	48.5
54	41.6	33.3	49.9

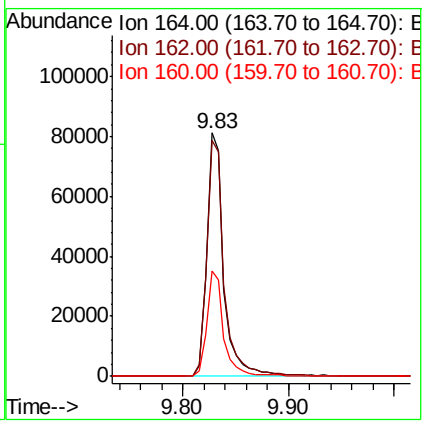




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:164 Resp: 90602

Ion	Ratio	Lower	Upper
164	100		
162	97.0	83.4	125.2
160	43.2	36.4	54.6



Instrument :
BNA_F
ClientSampleId :
TP-10

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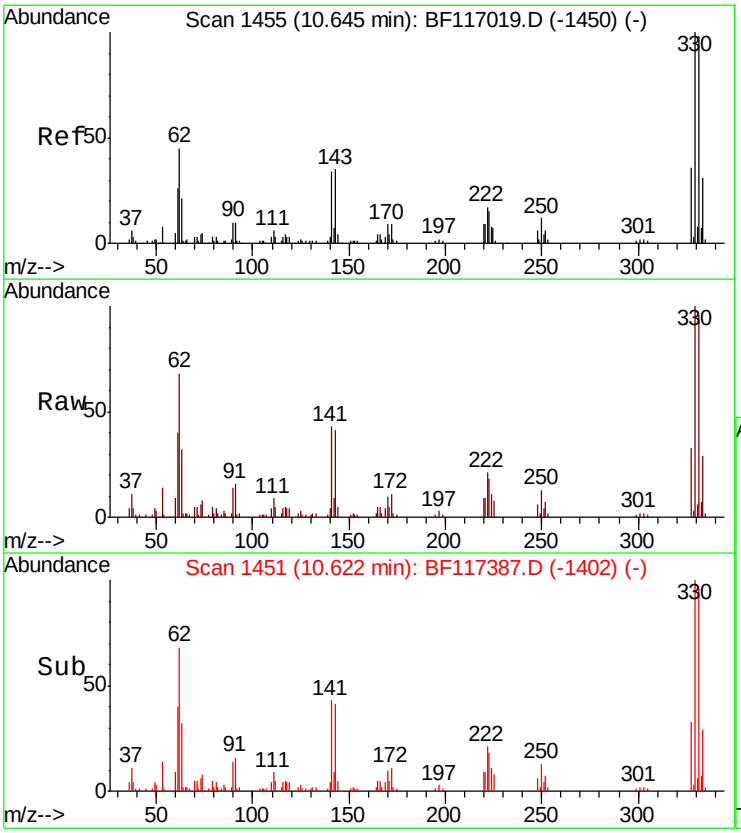
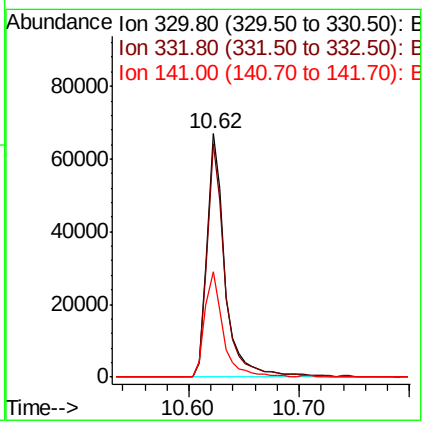
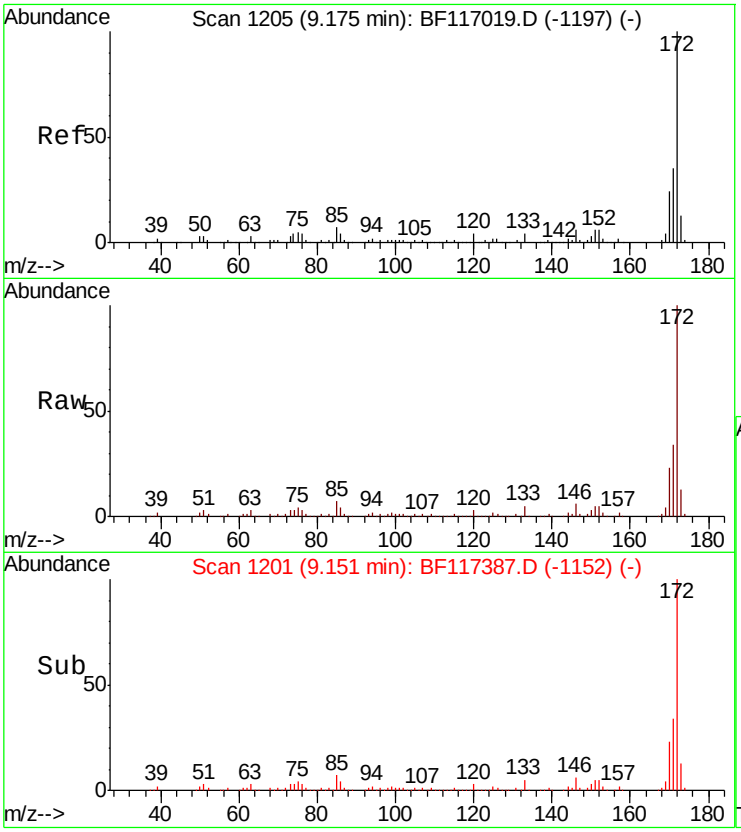


#42
2,4,6-Tribromophenol
Concen: 97.569 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:330 Resp: 73882

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	43.6	35.8	53.6

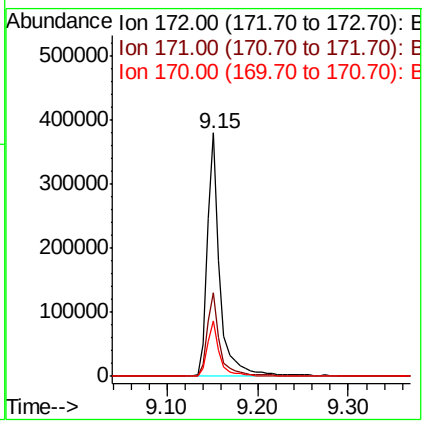




#45
2-Fluorobiphenyl
Concen: 65.244 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:172 Resp: 378061

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	22.7	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
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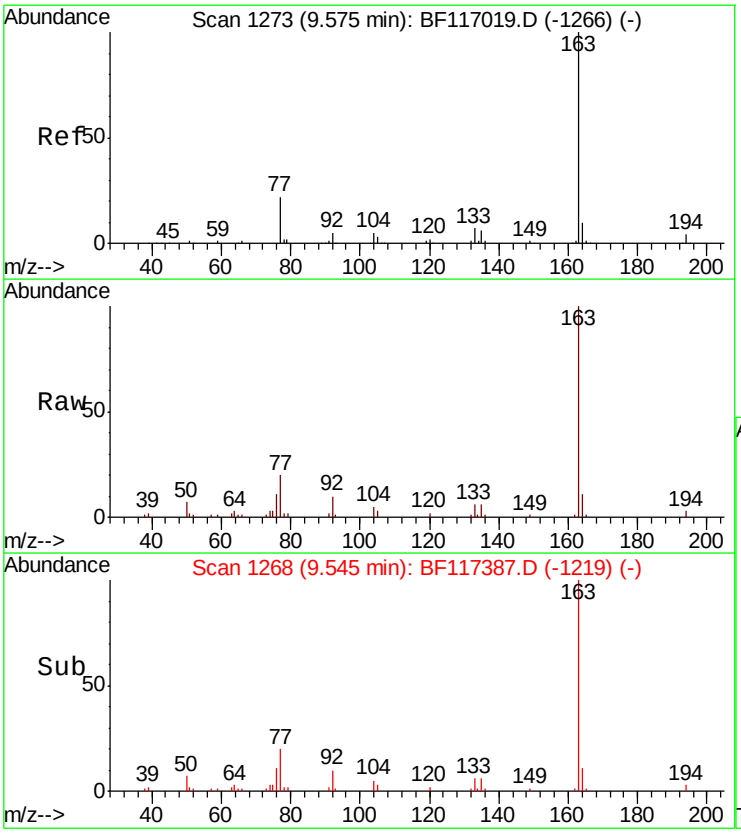
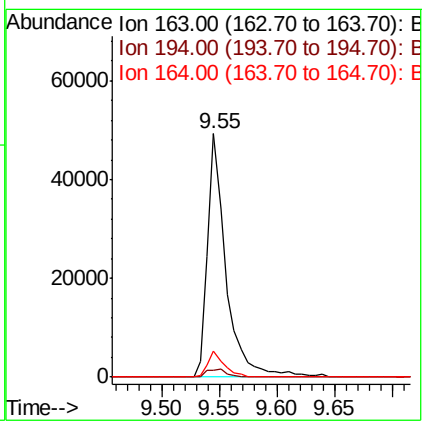
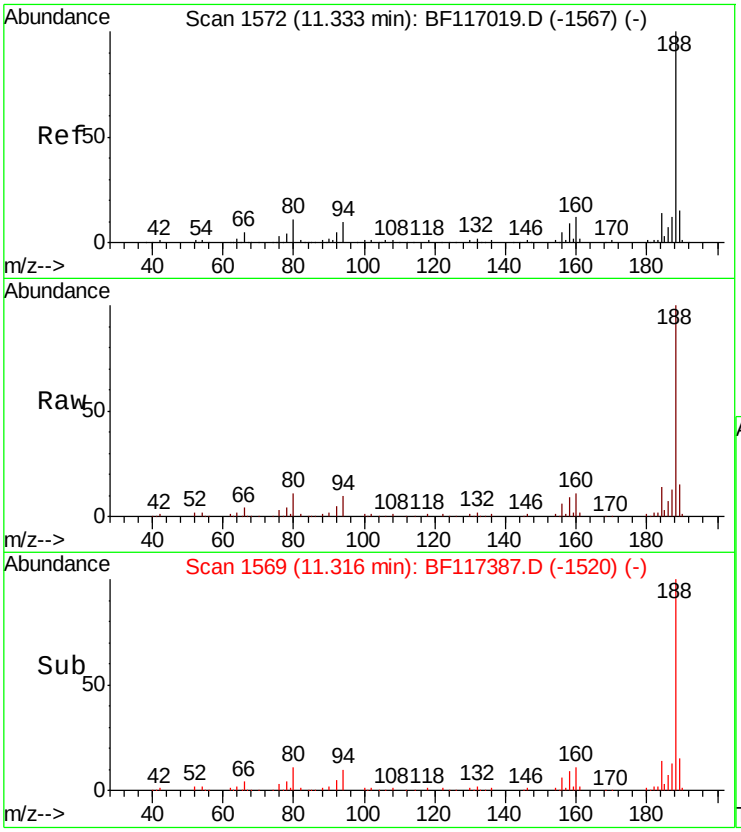


#50
Dimethylphthalate
Concen: 8.594 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:163 Resp: 55133

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.6	8.2	12.4

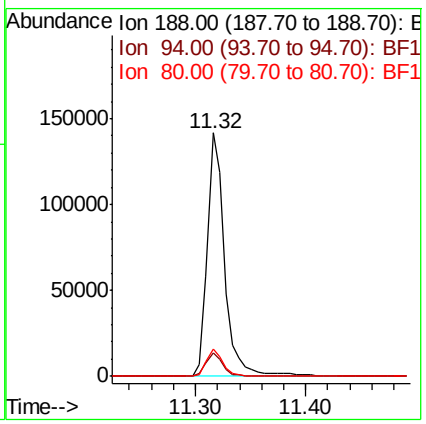




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:188 Resp: 150895

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	11.5	9.0	13.6



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ClientSampleId :
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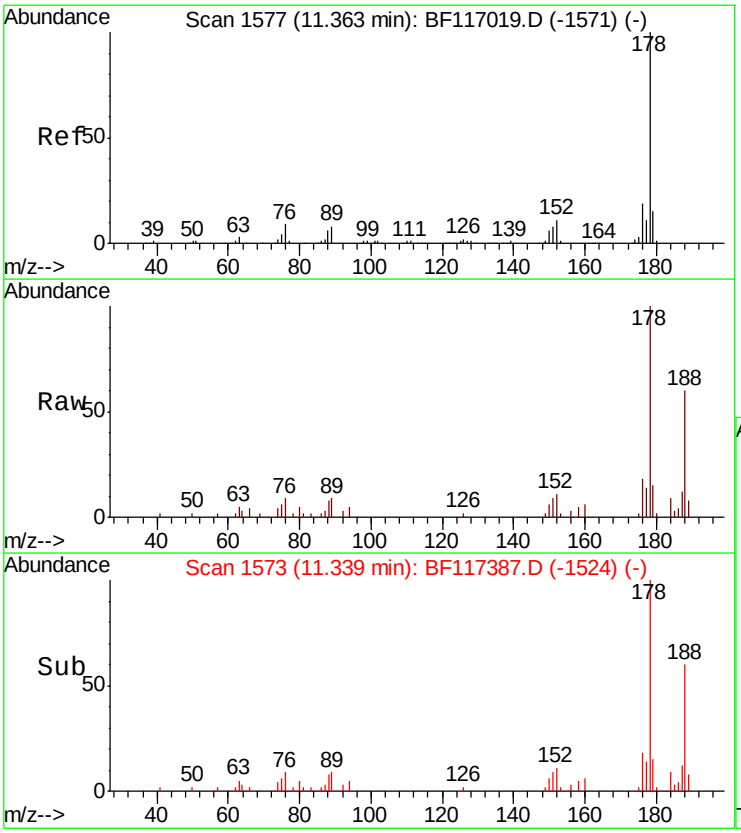
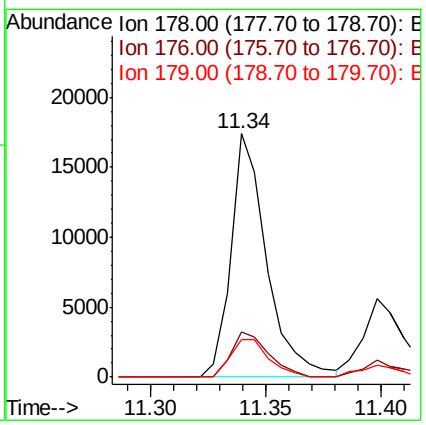
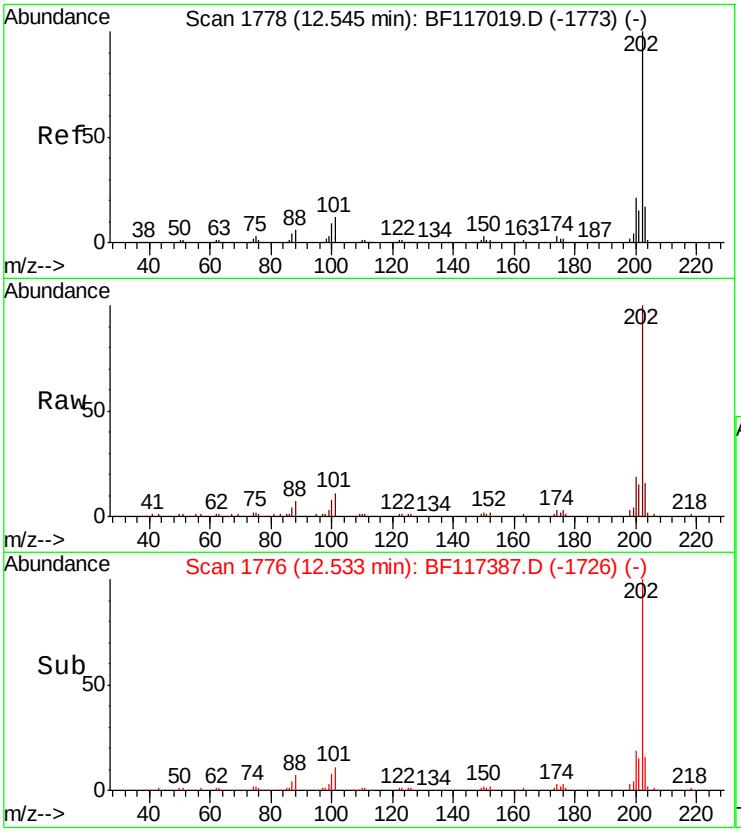


#71
Phenanthrene
Concen: 2.193 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:178 Resp: 18793

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.4	12.4	18.6

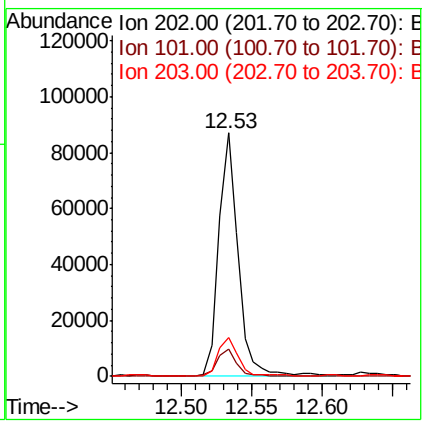




#75
Fluoranthene
Concen: 9.531 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:202 Resp: 83932

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.3
203	15.9	0.0	37.1



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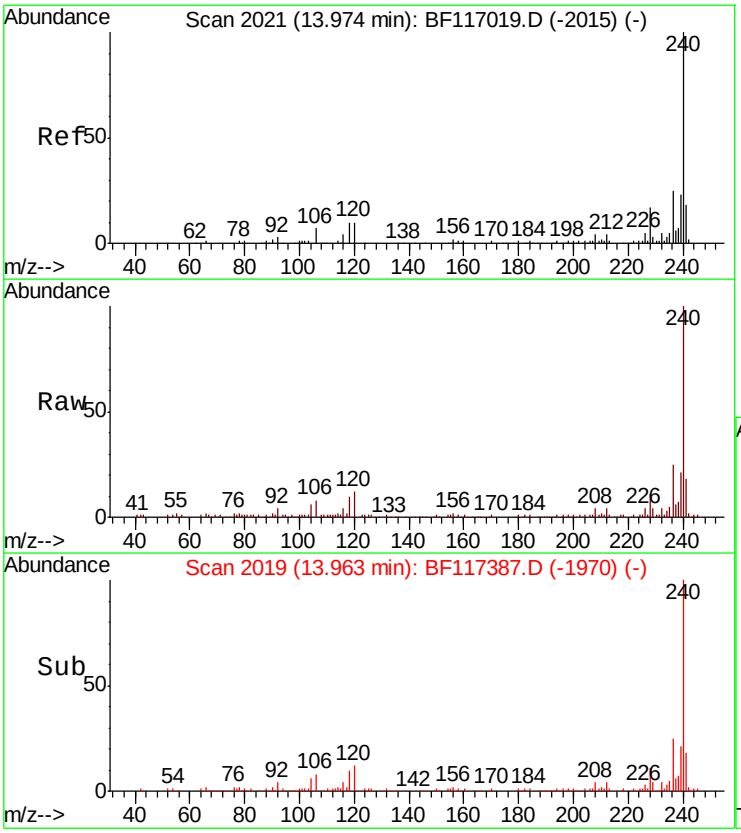
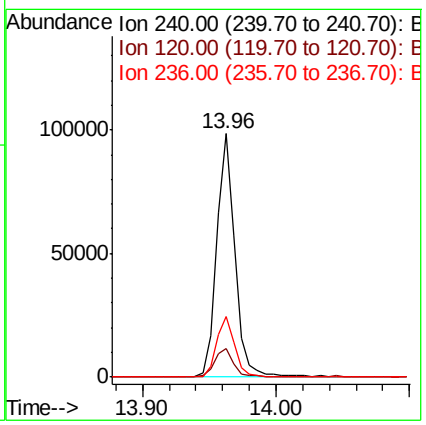
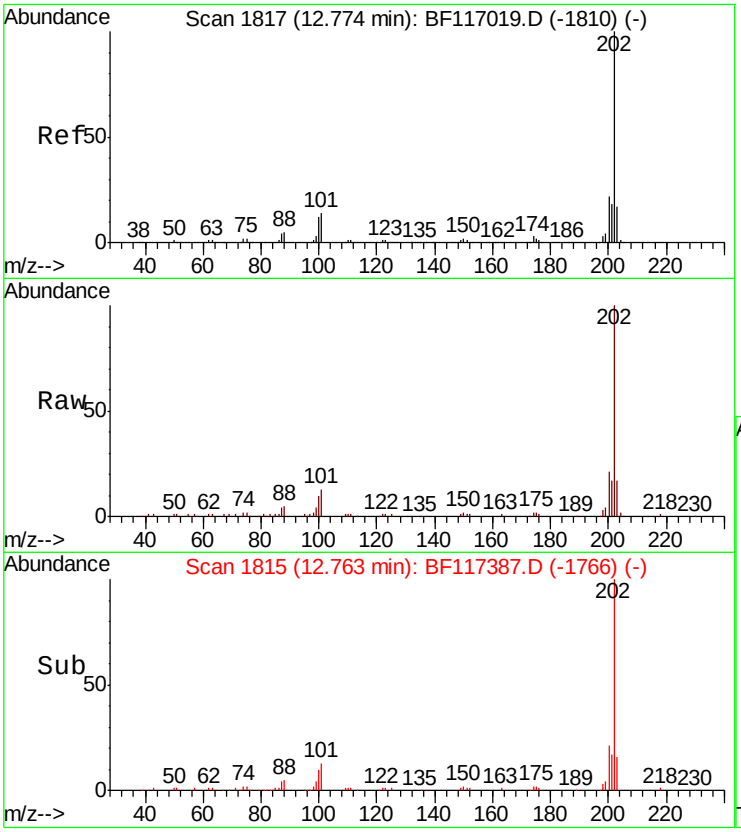


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:240 Resp: 94818

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	24.9	20.3	30.5

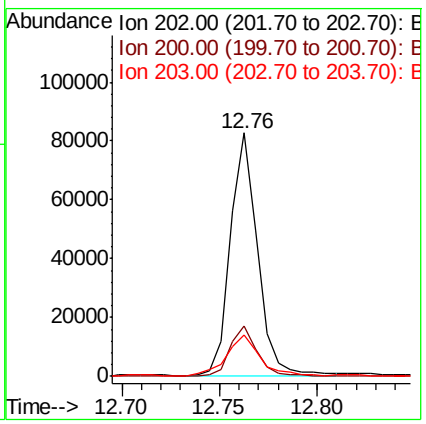




#78
Pyrene
Concen: 10.196 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:202 Resp: 81115

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	16.9	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
TP-10

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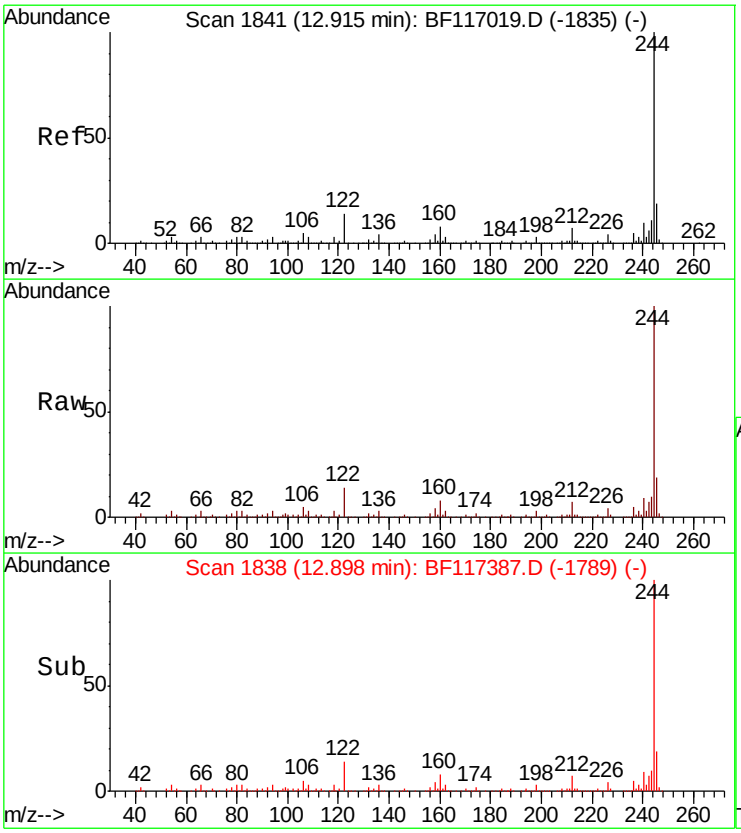
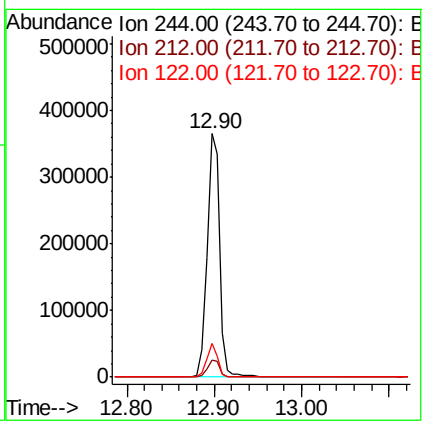
mohammad
10/16/2019 8:06:05 AM

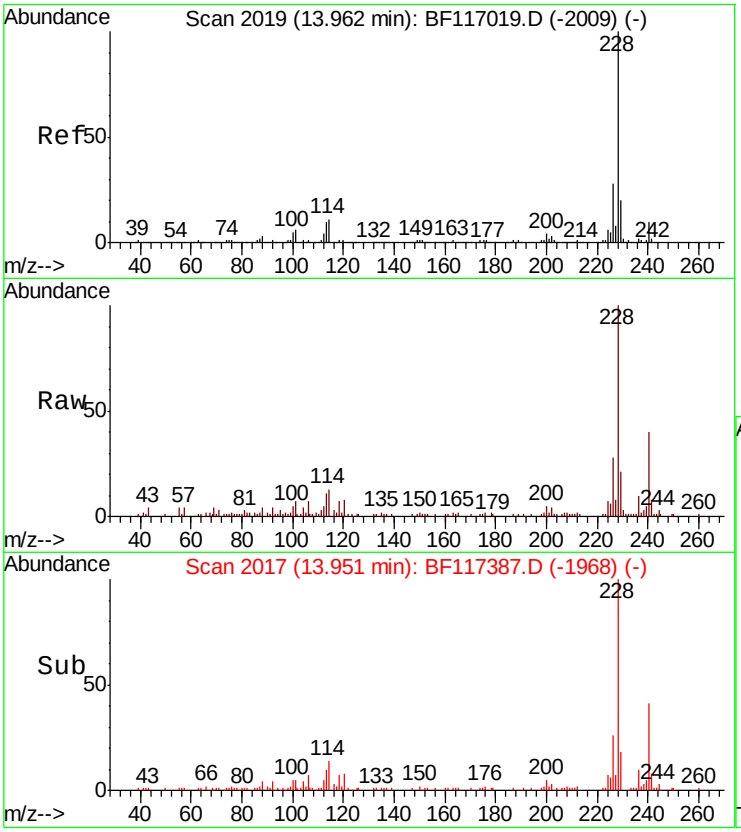


#79
Terphenyl-d14
Concen: 71.294 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:244 Resp: 361647

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.8	11.3	16.9

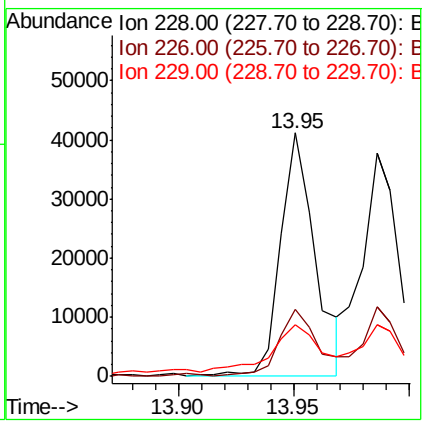




#81
Benzo(a)anthracene
Concen: 6.769 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:228 Resp: 42880

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	21.0	15.9	23.9



Instrument :
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ClientSampleId :
TP-10

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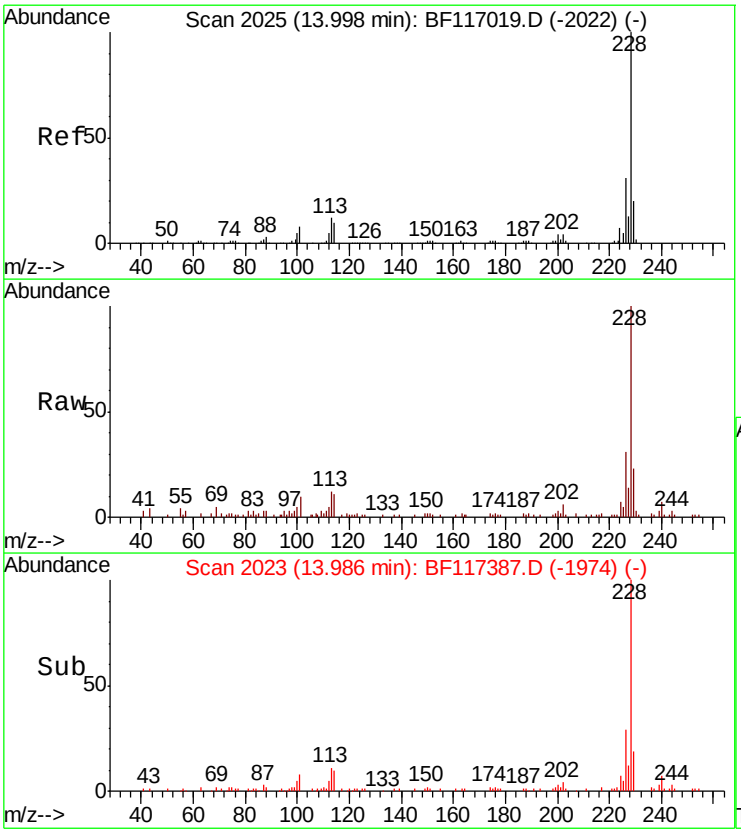
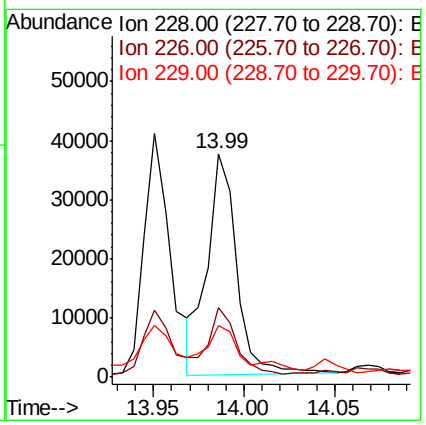
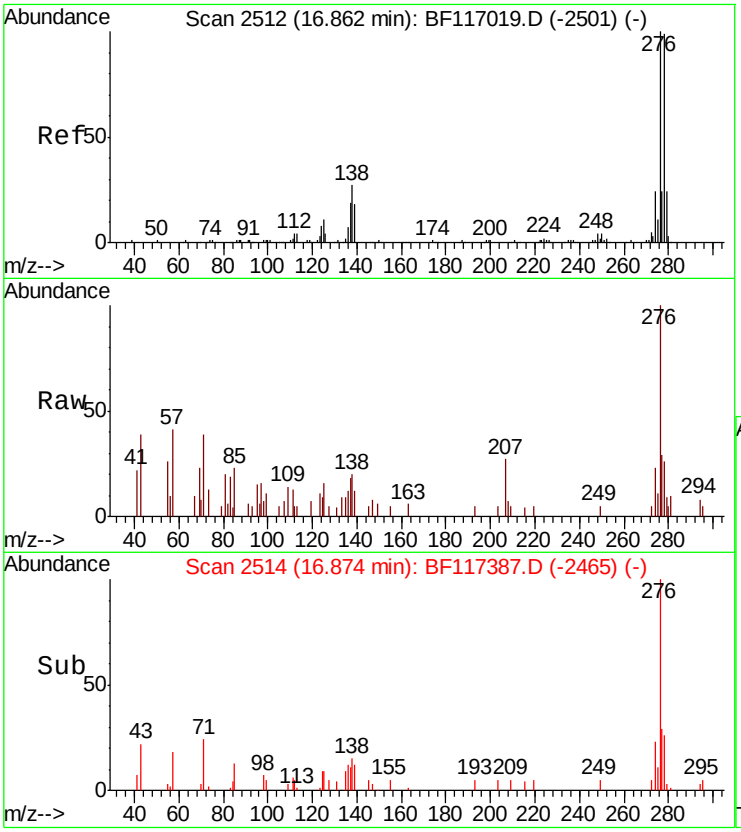


#83
Chrysene
Concen: 6.854 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:228 Resp: 42349

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	22.9	15.8	23.8

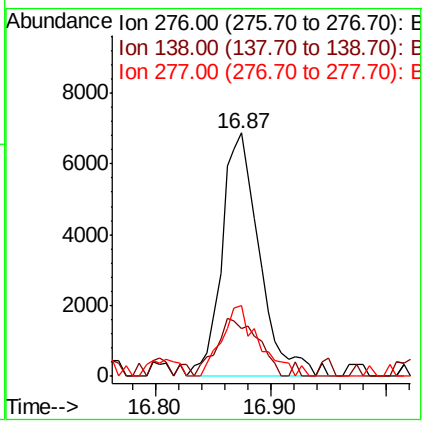




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.451 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:276 Resp: 15554

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.7	31.1
277	29.1	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
TP-10

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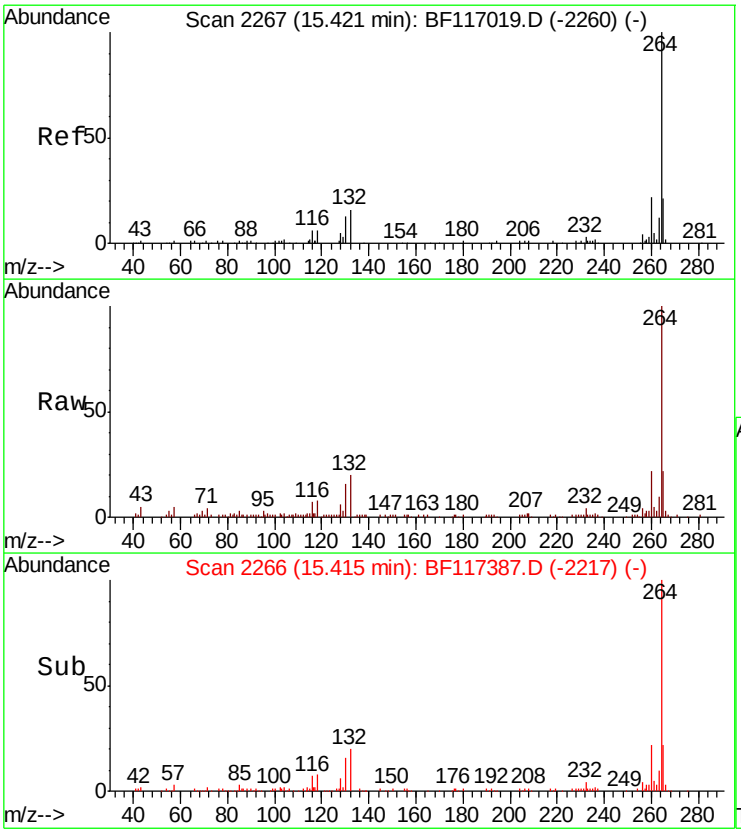
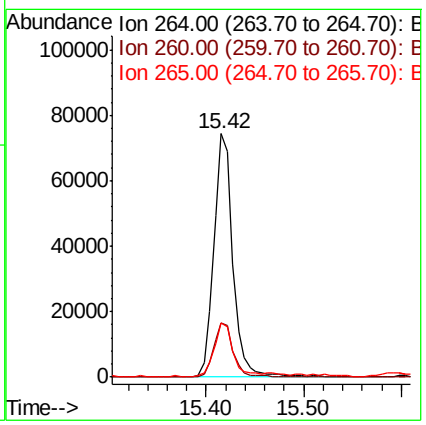
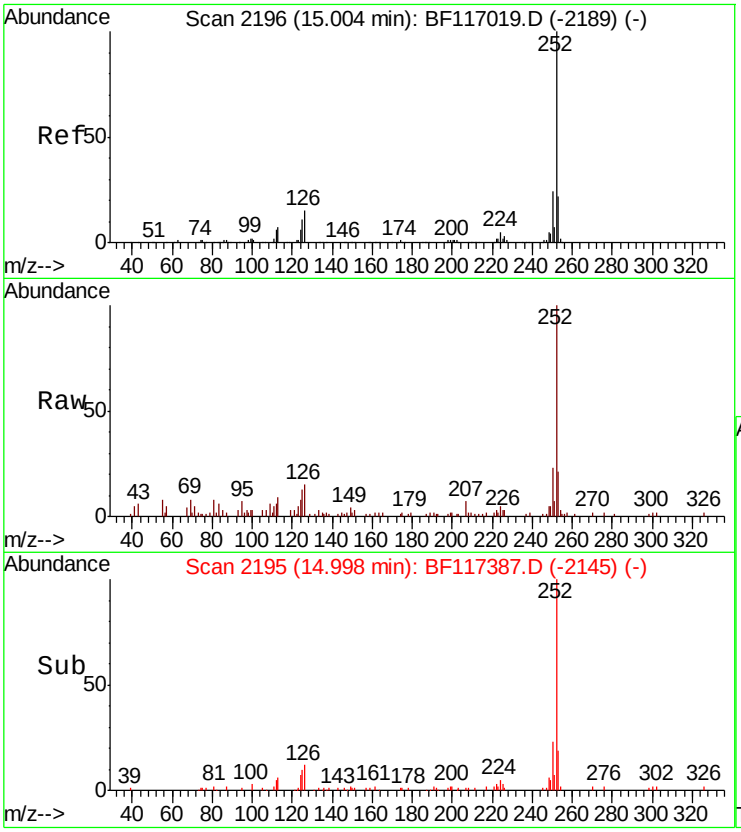


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:264 Resp: 100473

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.6	26.4
265	22.2	16.6	24.8

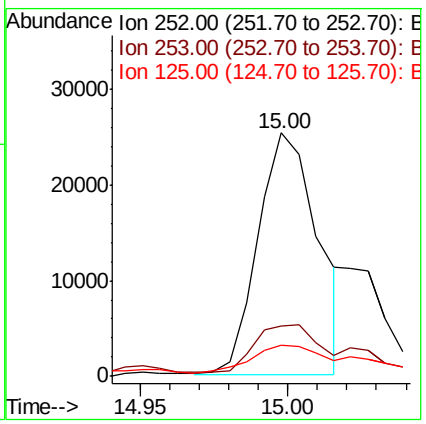




#88
Benzo(b)fluoranthene
Concen: 5.900 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:252 Resp: 35908

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	12.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
TP-10

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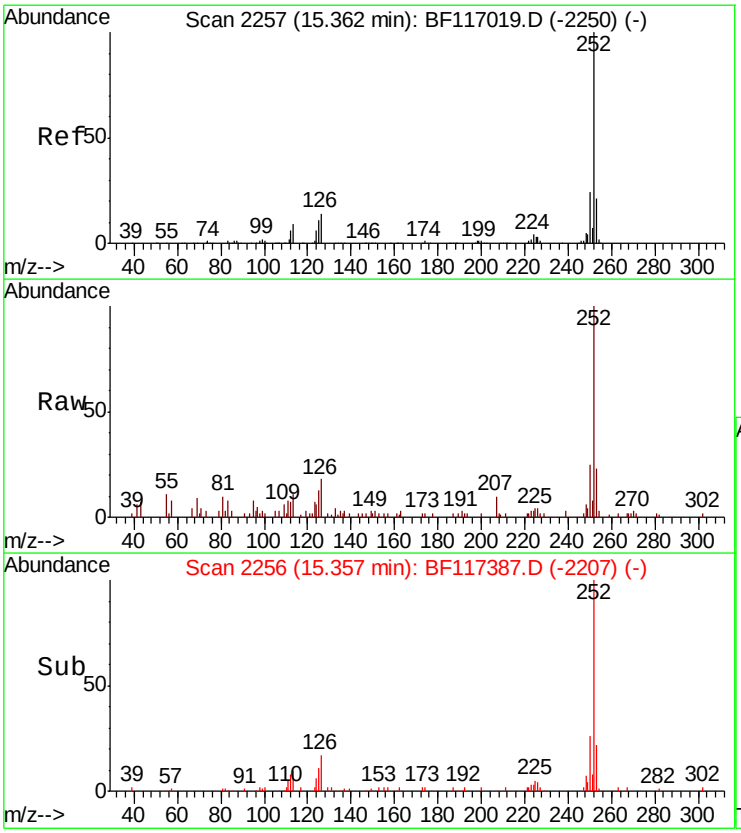
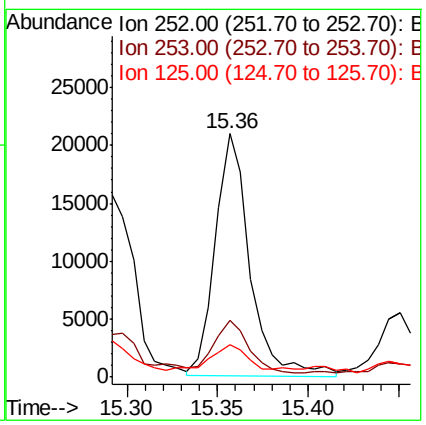
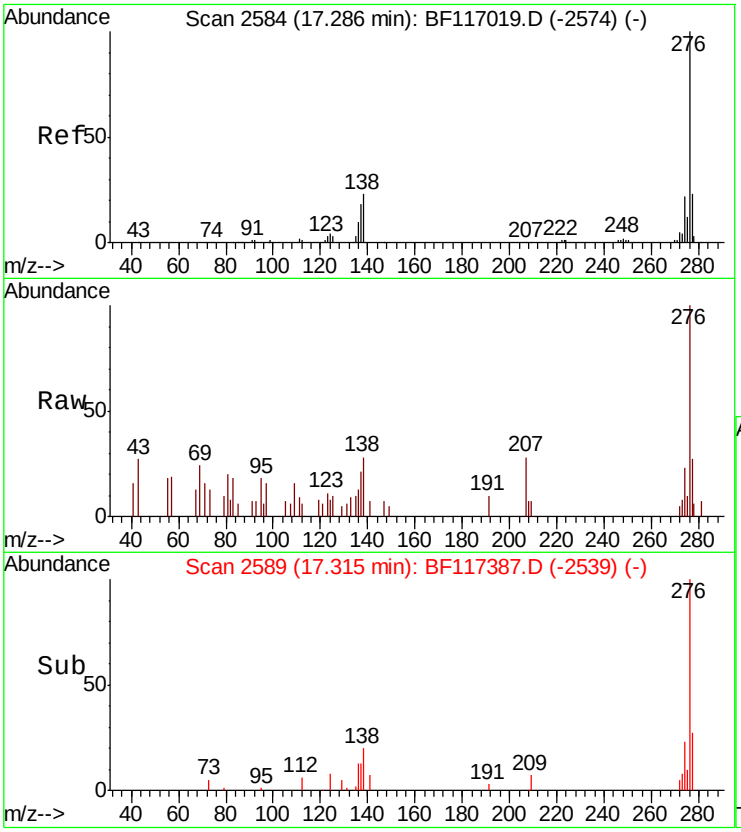


#90
Benzo(a)pyrene
Concen: 5.225 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:252 Resp: 27907

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.6	25.0
125	13.3	8.9	13.3

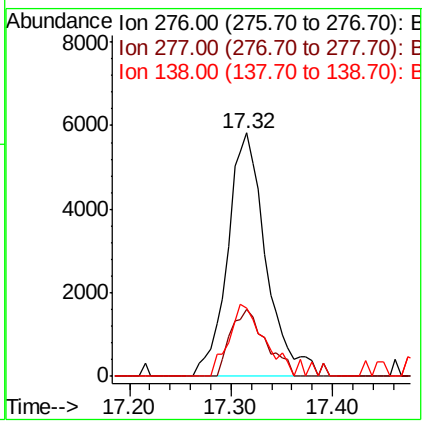




#92
Benzo(g,h,i)perylene
Concen: 3.632 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF117387.D
Acq: 12 Oct 2019 23:43

Tgt Ion:276 Resp: 15400

Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.6	27.8
138	28.2	18.0	27.0#



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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