Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117252.D
Acq On : 25 Sep 2019 20:38
Operator : JU
Sample : K5020-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3860

Manual Integrations APPROVED
mohammad
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Quant Time: Sep 26 04:02:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	35342	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	137226	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	64304	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	83939	20.00	ng		0.00
76) Chrysene-d12	13.97	240	59872	20.00	ng		0.00
87) Perylene-d12	15.43	264	61463	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	238134	105.20	ng		0.00
7) Phenol-d6	6.46	99	312986	106.98	ng		0.00
23) Nitrobenzene-d5	7.37	82	197947	75.79	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	53366	99.30	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	349222	84.91	ng		0.00
79) Terphenyl-d14	12.92	244	248795	77.67	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	9695	3.006	ng		92
50) Dimethylphthalate	9.56	163	49005	10.763	ng		99
71) Phenanthrene	11.36	178	11538	2.420	ng	#	88
75) Fluoranthene	12.55	202	22303	4.553	ng		96
78) Pyrene	12.78	202	18785	3.739	ng		97
83) Chrysene	14.00	228	9758	2.501	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	10218	3.339	ng		97
88) Benzo(b)fluoranthene	15.02	252	10271m	2.759	ng		

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

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Instrument :
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ClientSampleId :
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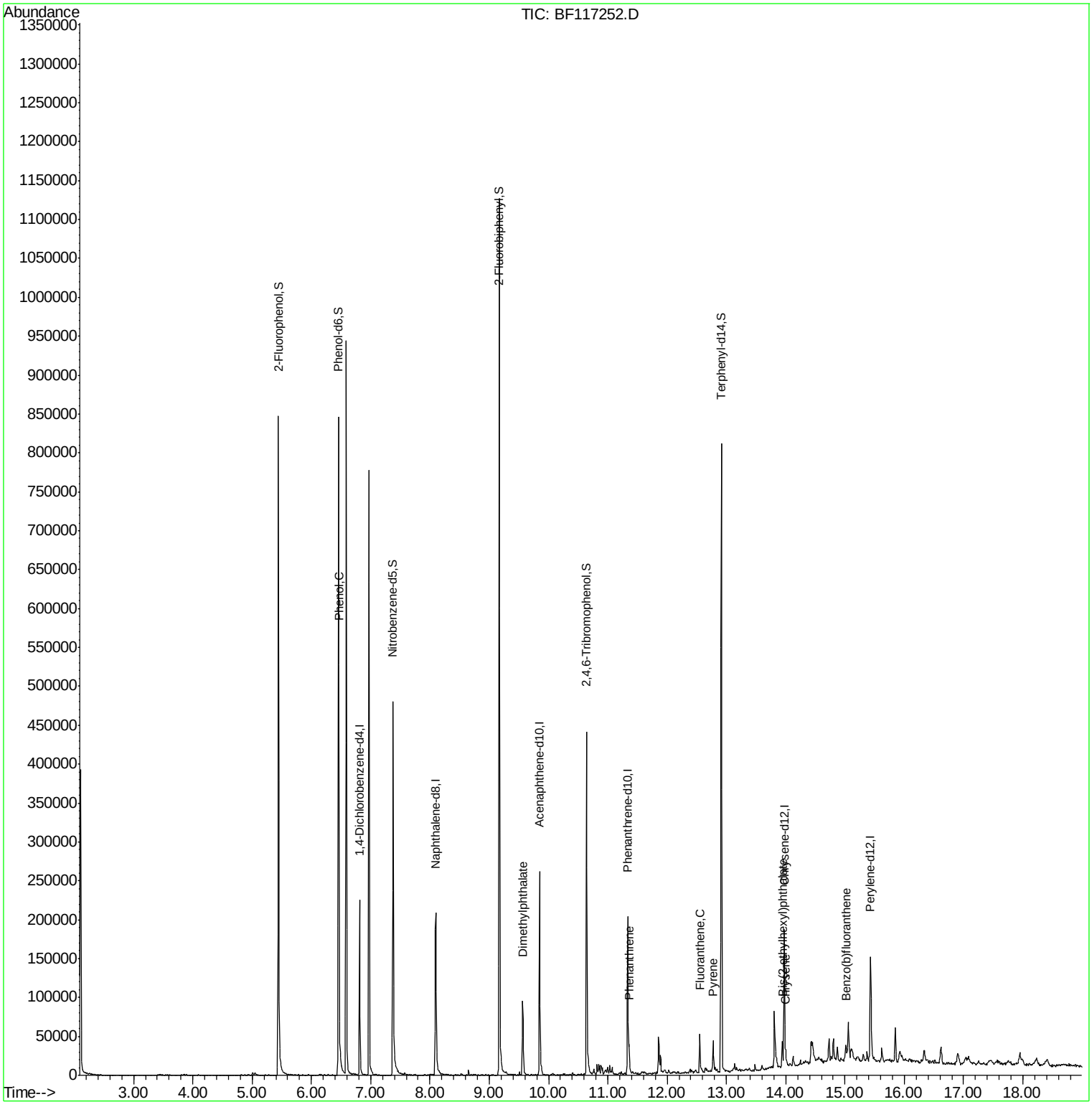
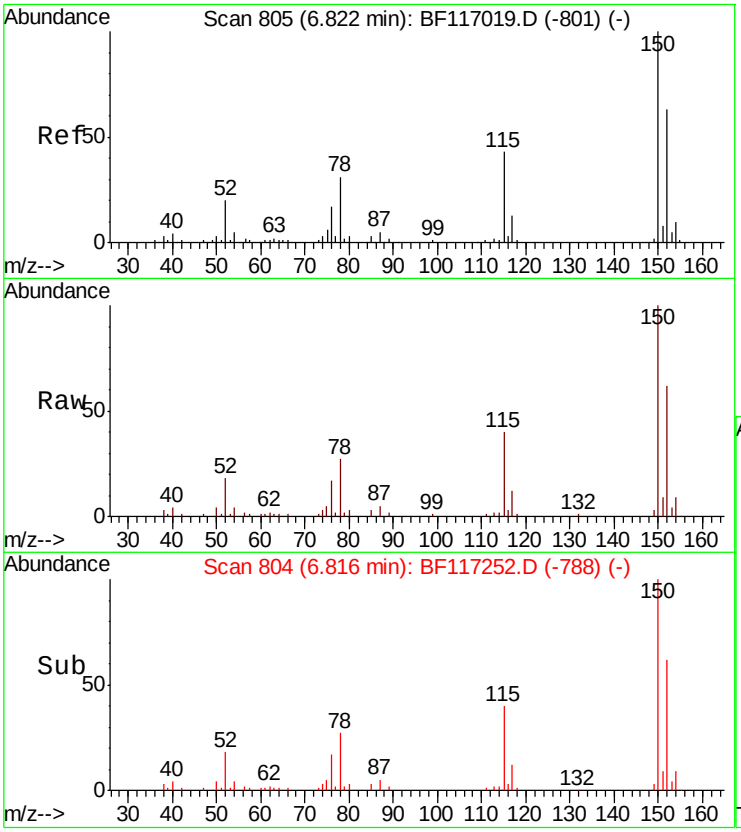
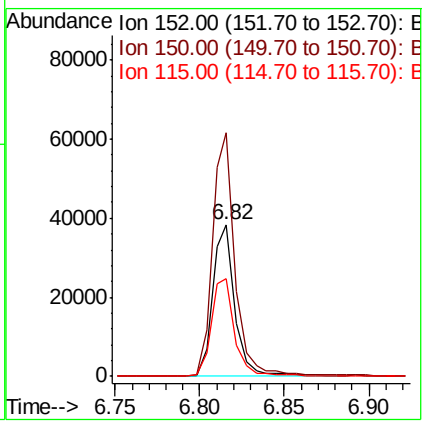




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:152 Resp: 35342

Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.5	191.3
115	64.0	55.0	82.4



Instrument :
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ClientSampleId :
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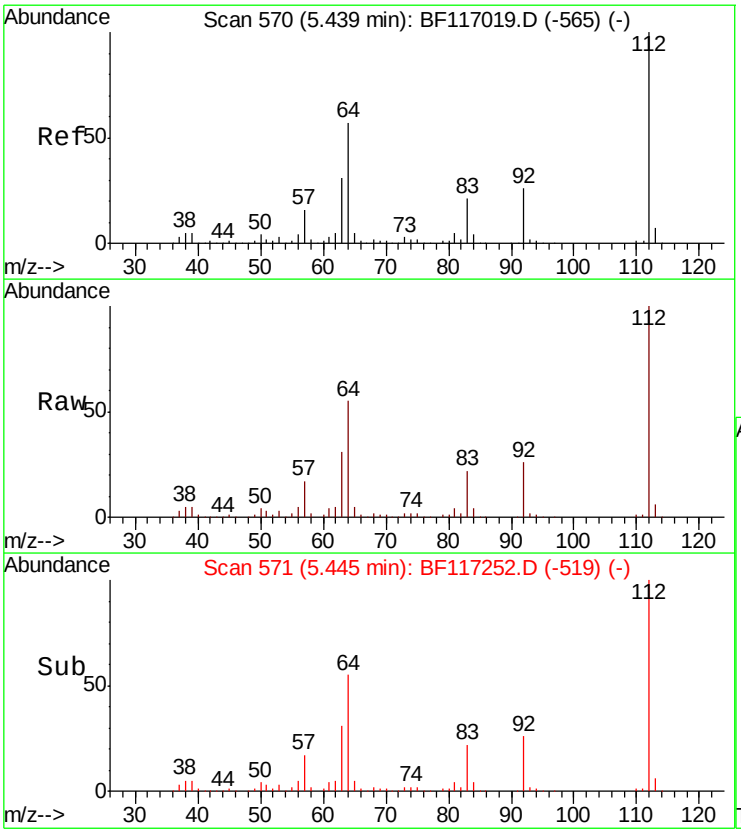
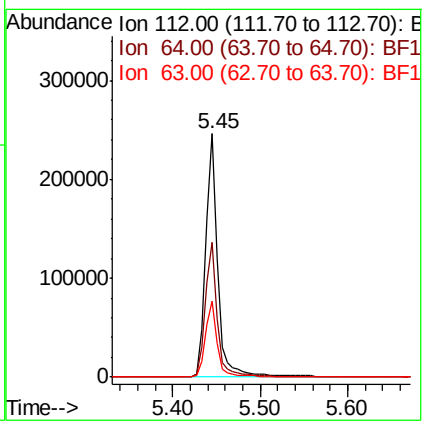
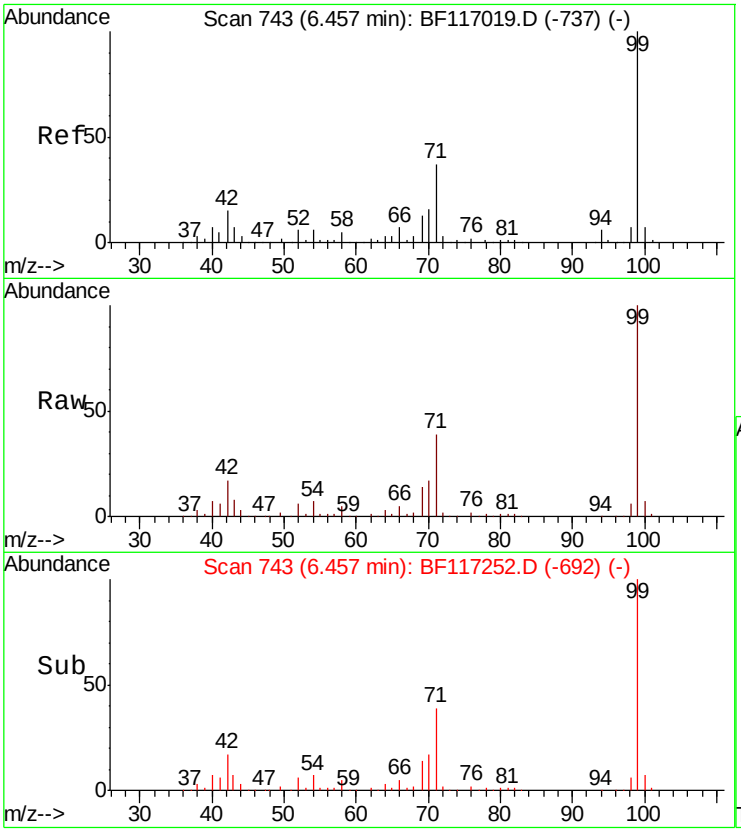


#5
2-Fluorophenol
Concen: 105.197 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:112 Resp: 238134

Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.7	68.5
63	31.1	24.9	37.3

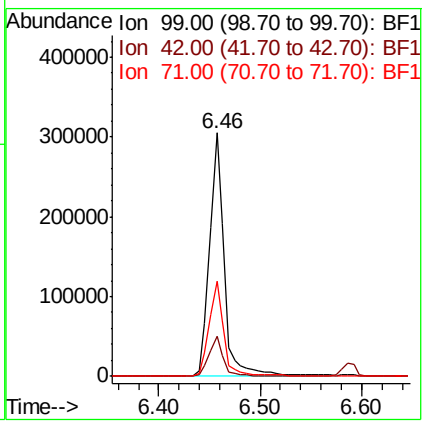




#7
Phenol-d6
Concen: 106.985 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion: 99 Resp: 312986

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.2	18.2
71	39.3	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
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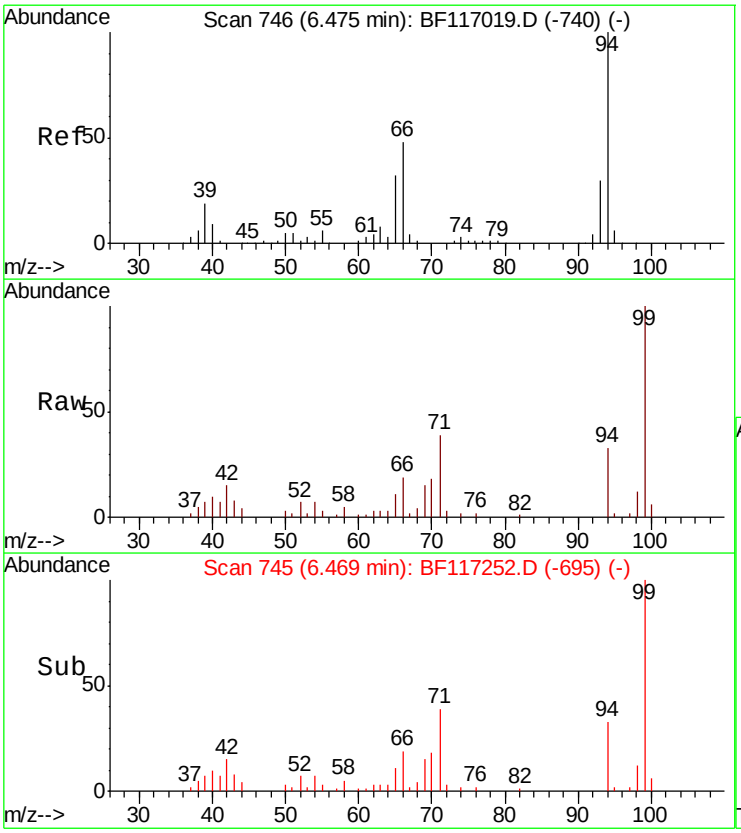
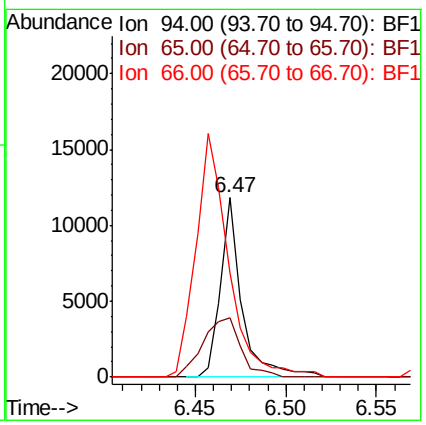
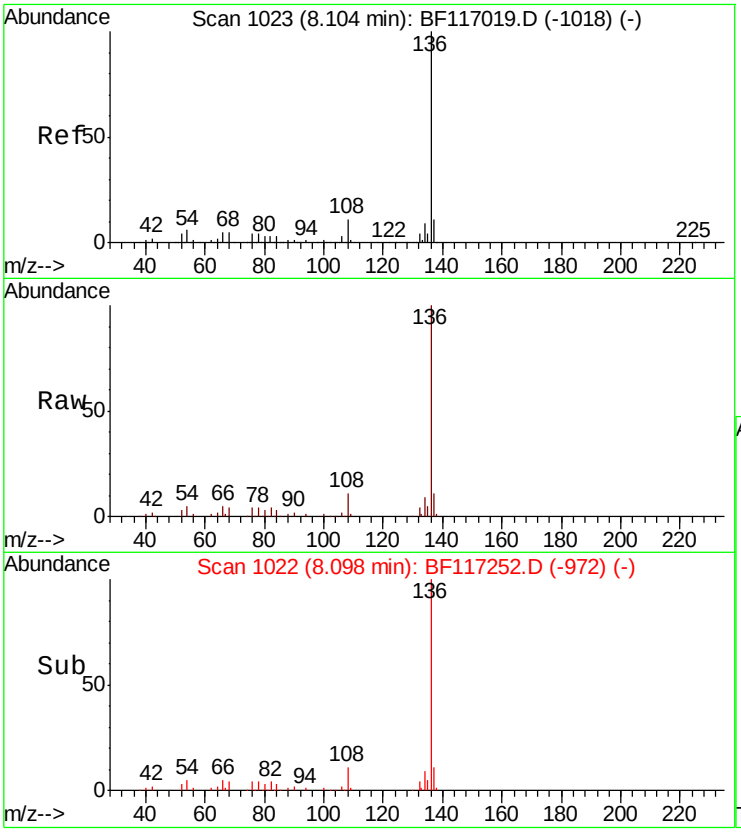


#10
Phenol
Concen: 3.006 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion: 94 Resp: 9695

Ion	Ratio	Lower	Upper
94	100		
65	33.2	12.5	52.5
66	57.7	28.9	68.9

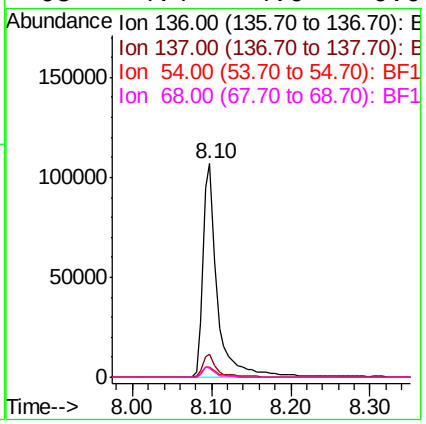




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:136 Resp: 137226

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.0	4.5	6.7
68	4.4	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
RT-3860

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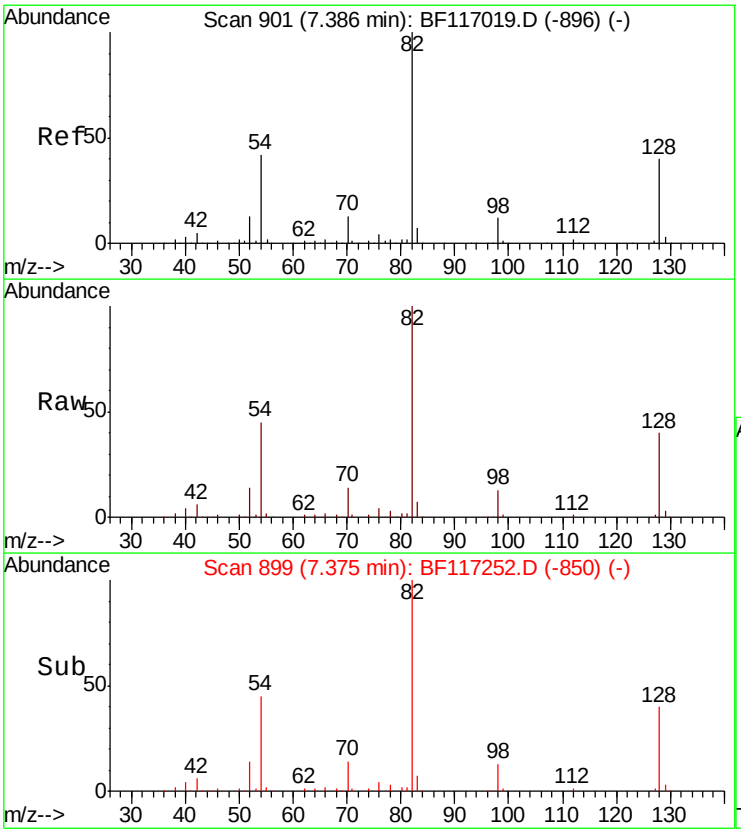
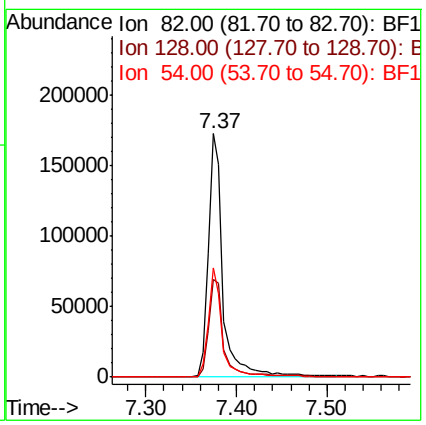
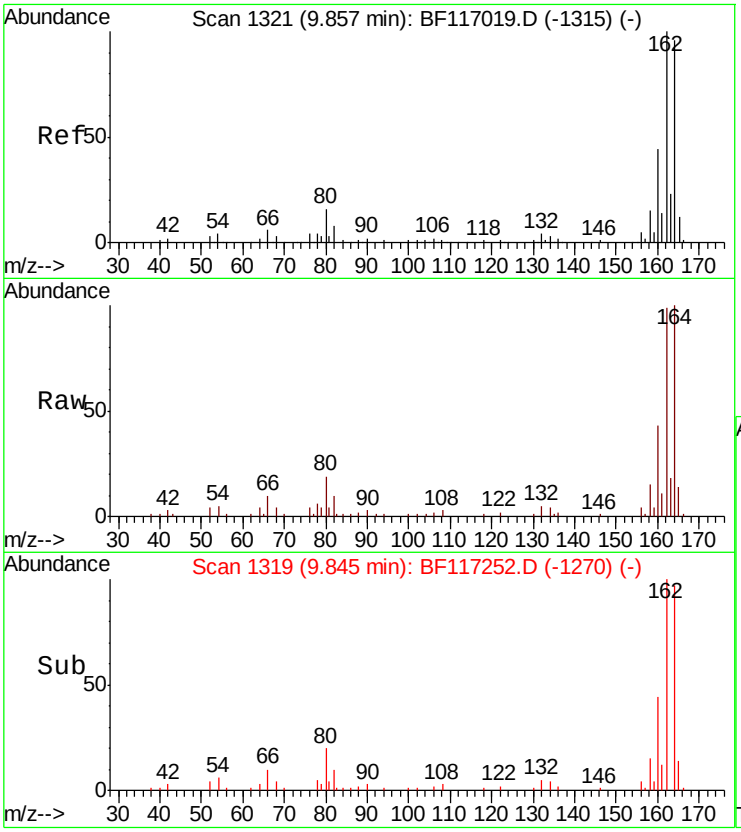


#23
Nitrobenzene-d5
Concen: 75.792 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion: 82 Resp: 197947

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.3	48.5
54	44.7	33.3	49.9

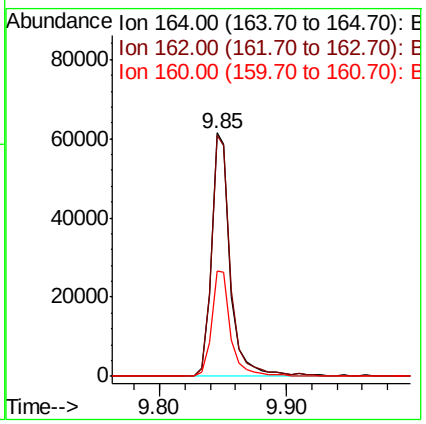




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:164 Resp: 64304

Ion	Ratio	Lower	Upper
164	100		
162	98.9	83.4	125.2
160	43.0	36.4	54.6



Instrument :
BNA_F
ClientSampleId :
RT-3860

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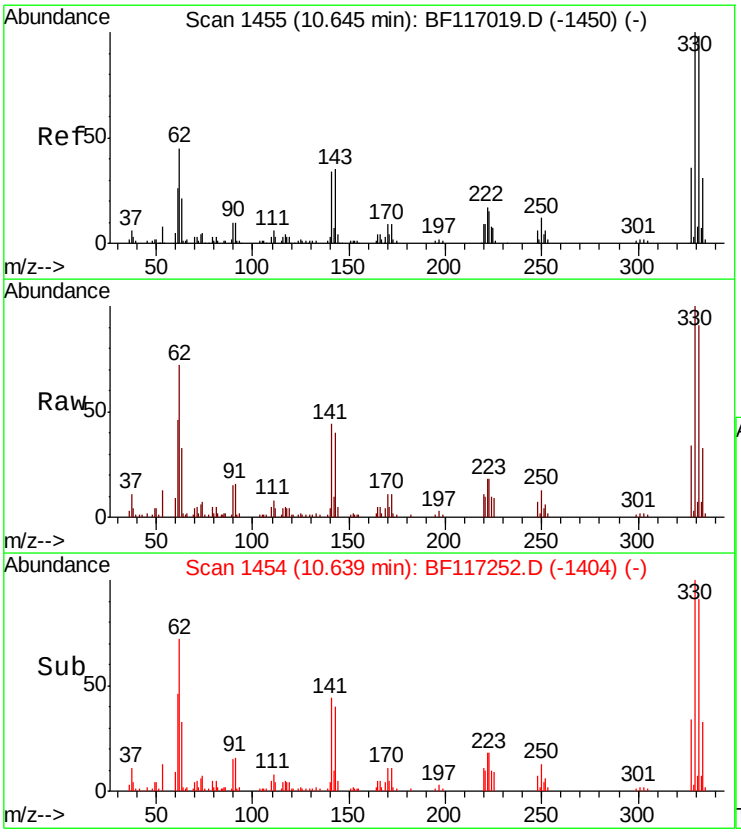
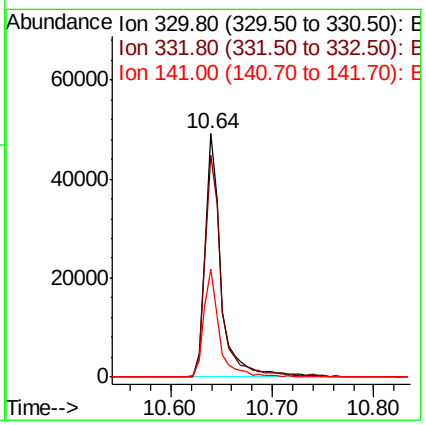
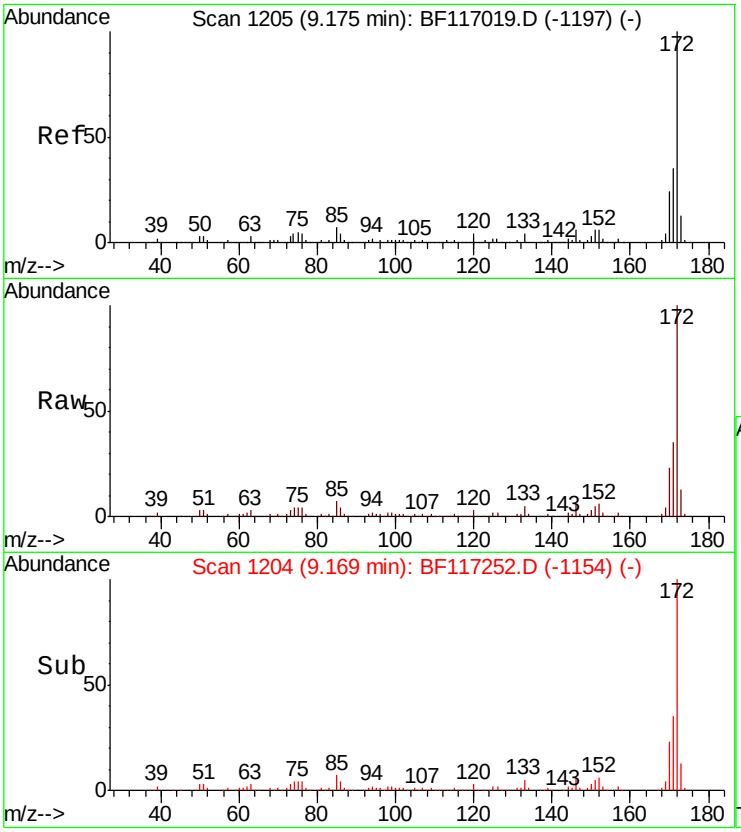


#42
2,4,6-Tribromophenol
Concen: 99.298 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:330 Resp: 53366

Ion	Ratio	Lower	Upper
330	100		
332	93.4	78.0	117.0
141	43.3	35.8	53.6

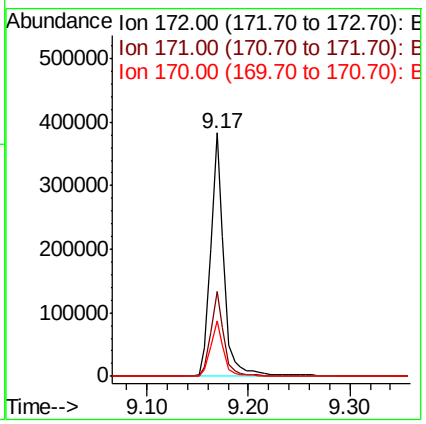




#45
2-Fluorobiphenyl
Concen: 84.915 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:172 Resp: 349222

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.9	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
RT-3860

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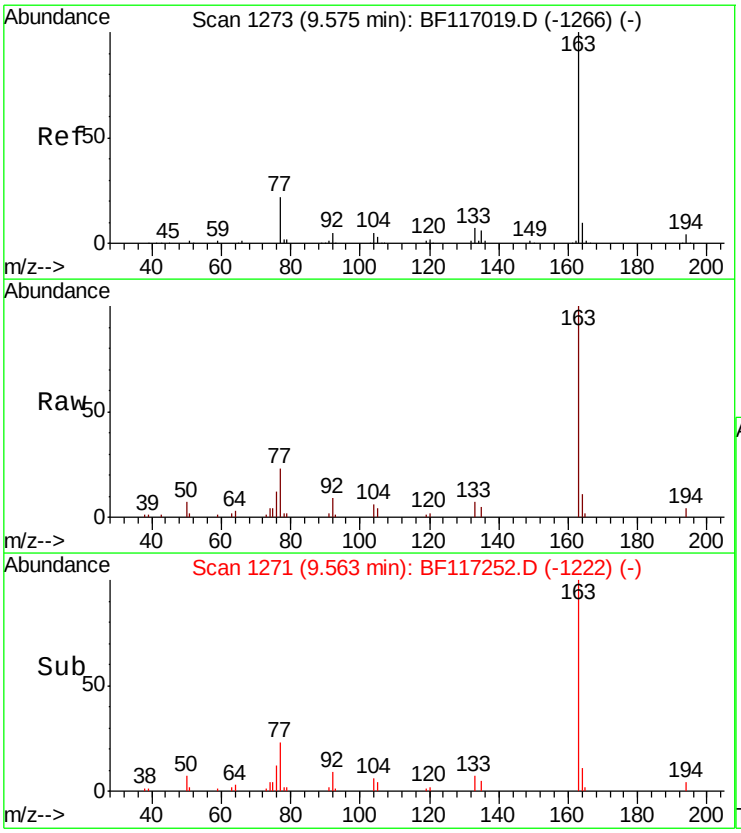
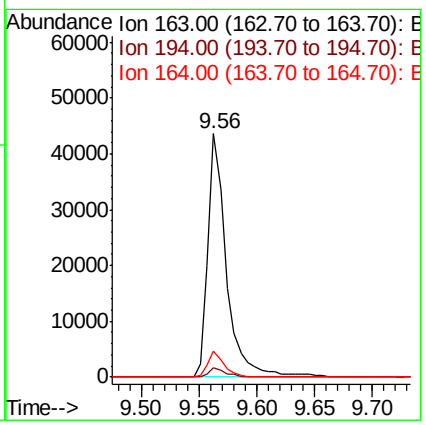
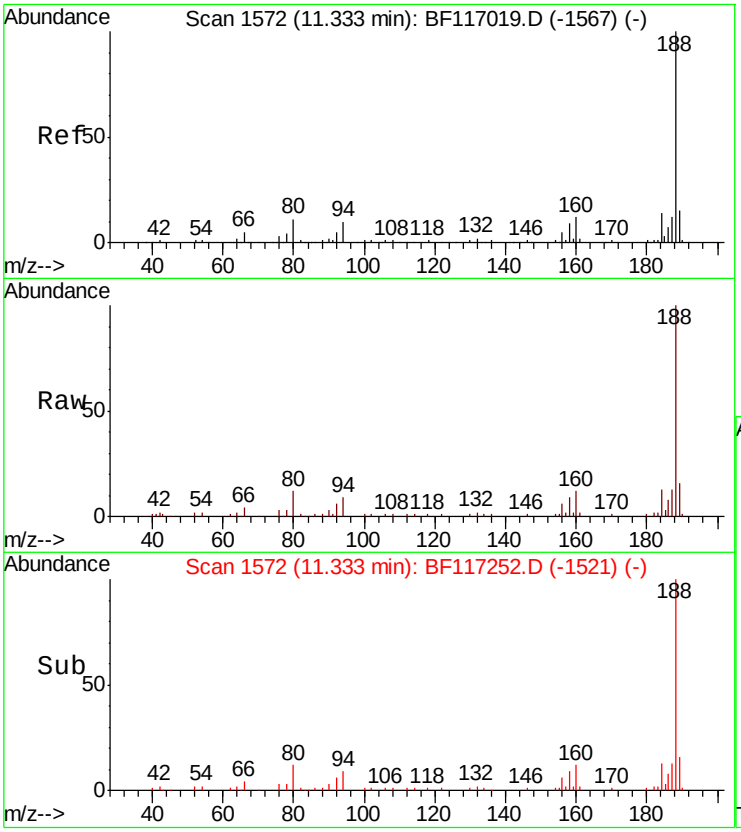


#50
Dimethylphthalate
Concen: 10.763 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:163 Resp: 49005

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.8	8.2	12.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:188 Resp: 83939

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	12.4	9.0	13.6

Instrument :
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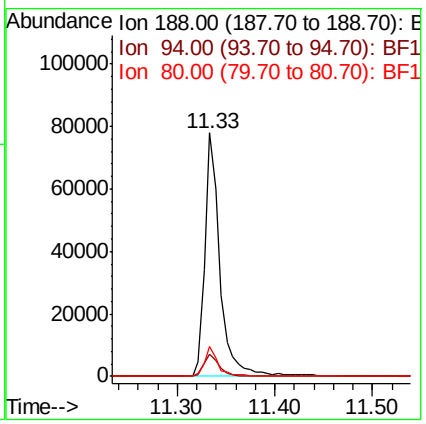
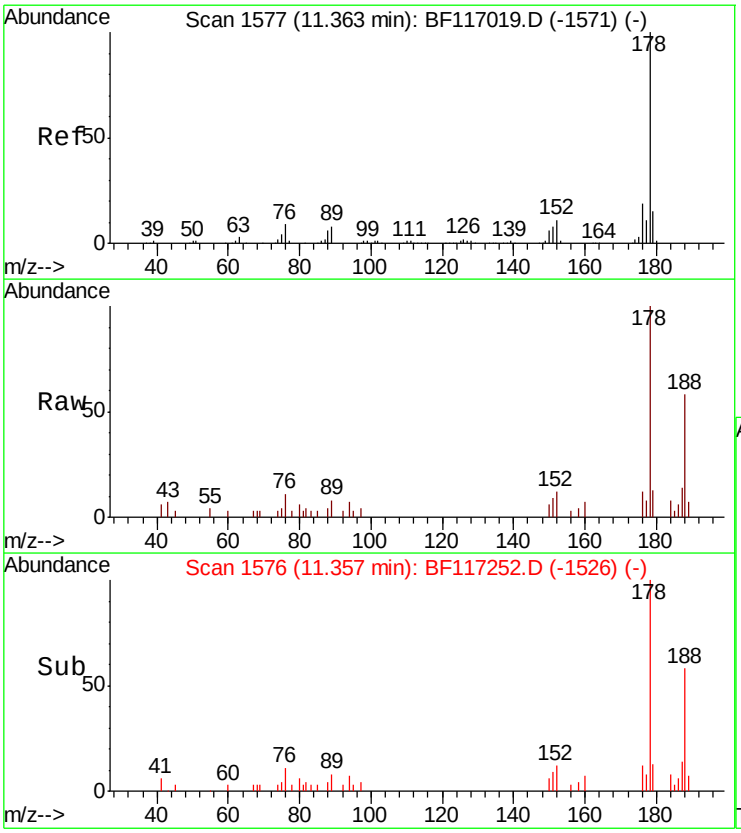
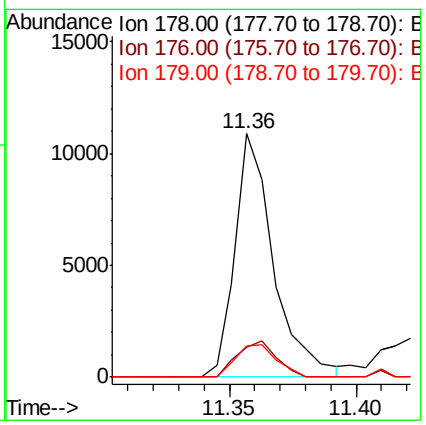


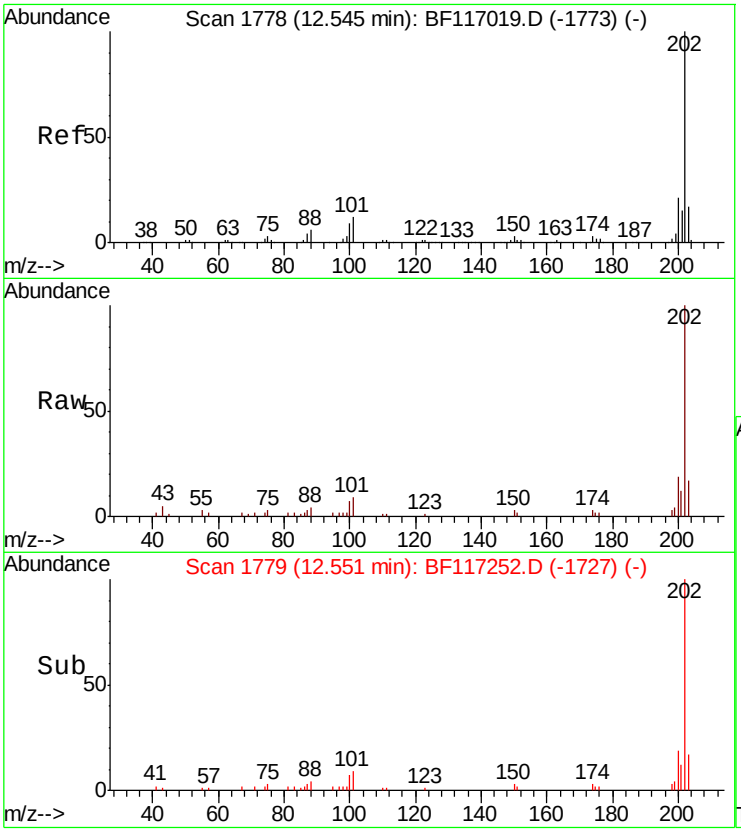


#71
Phenanthrene
Concen: 2.420 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:178 Resp: 11538

Ion	Ratio	Lower	Upper
178	100		
176	12.0	15.4	23.2#
179	13.0	12.4	18.6

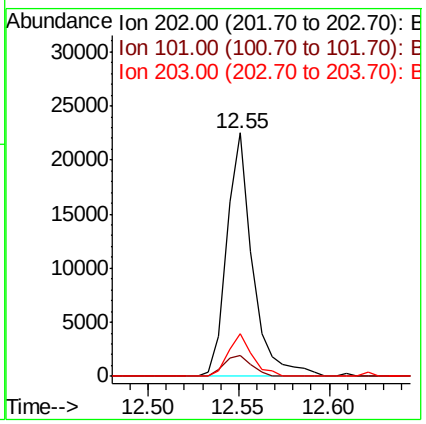




#75
Fluoranthene
Concen: 4.553 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:202 Resp: 22303

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	32.3
203	17.4	0.0	37.1



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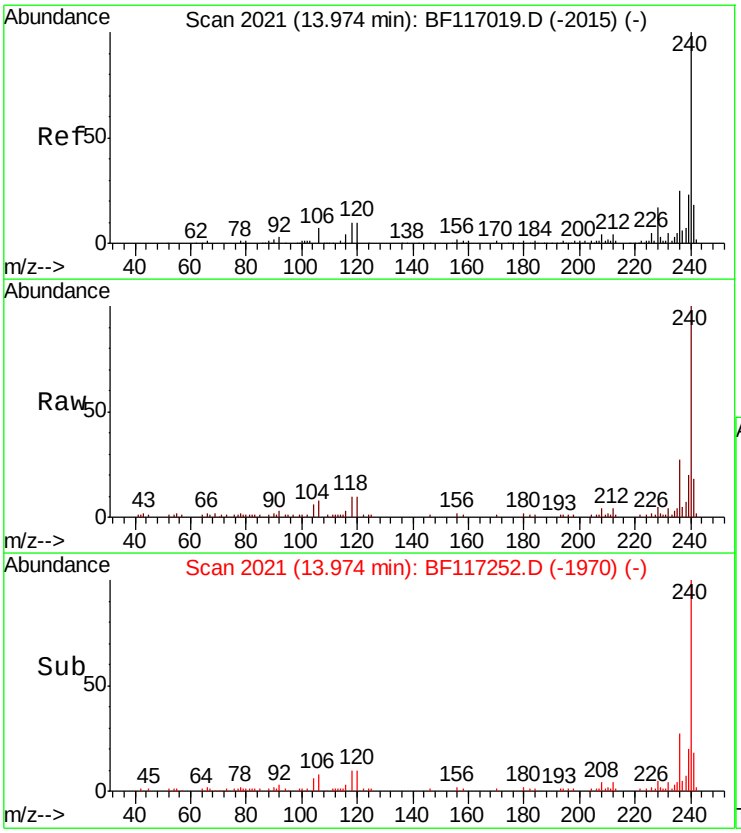
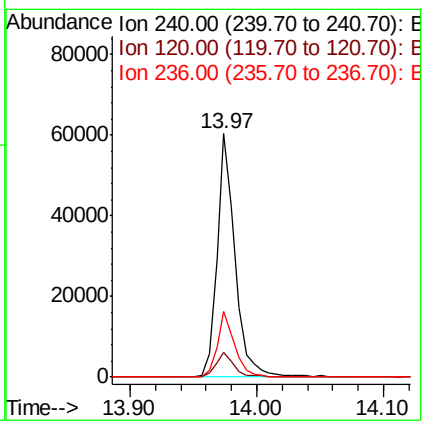
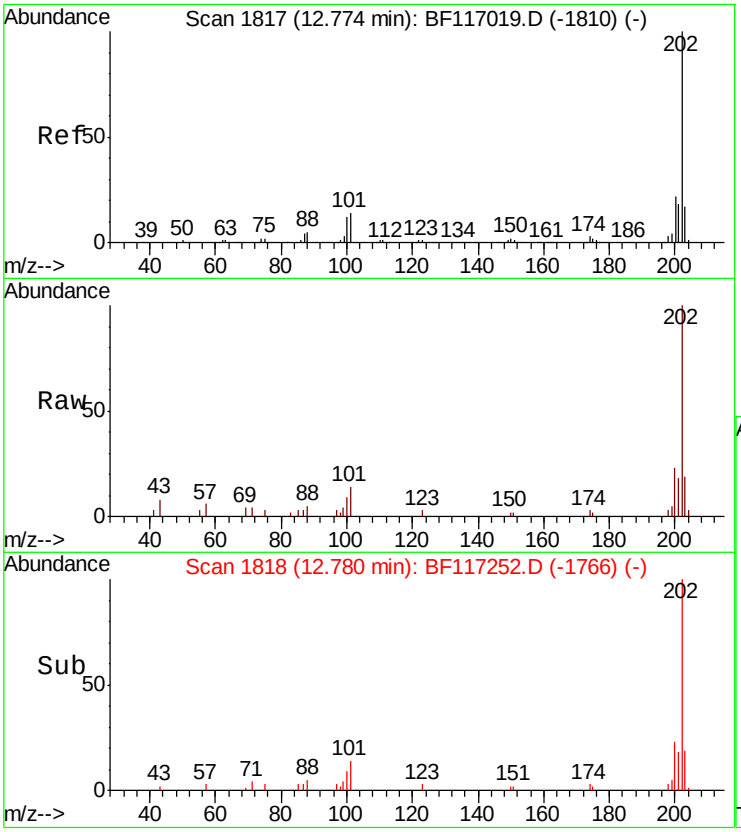


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:240 Resp: 59872

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	26.9	20.3	30.5

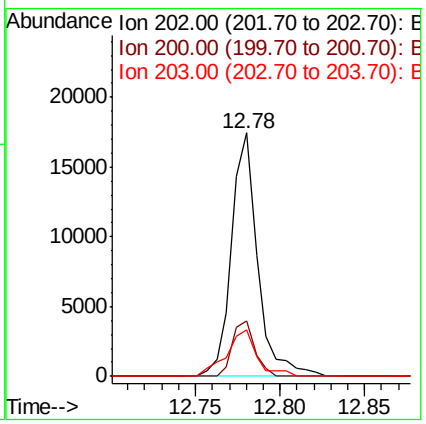




#78
Pyrene
Concen: 3.739 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:202 Resp: 18785

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.2	25.8
203	18.9	14.0	21.0



Instrument :
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ClientSampleId :
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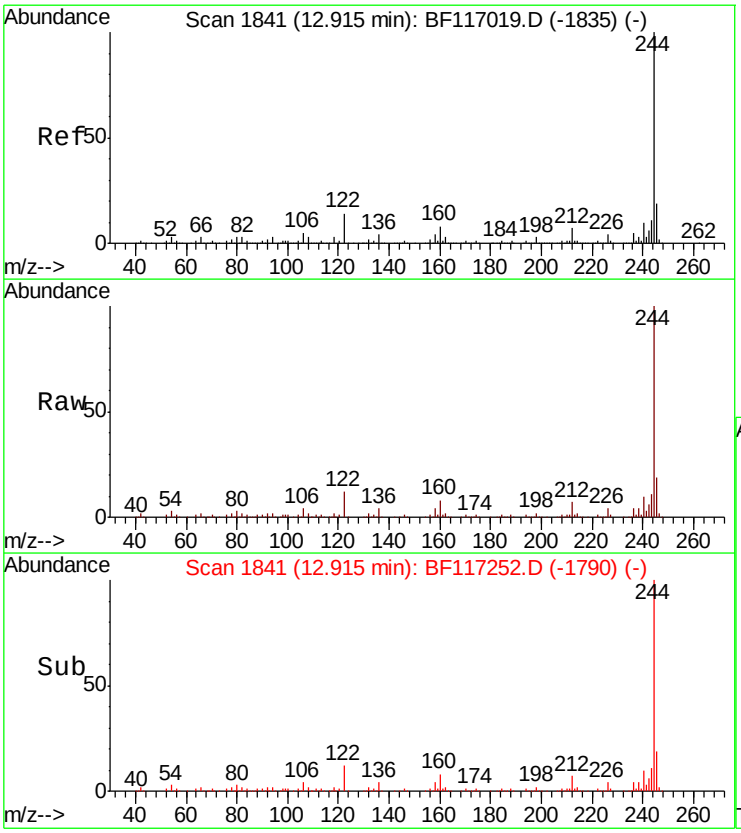
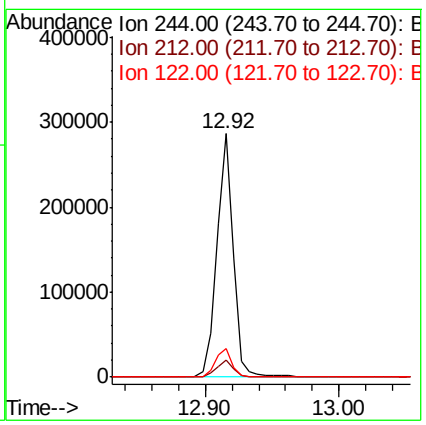
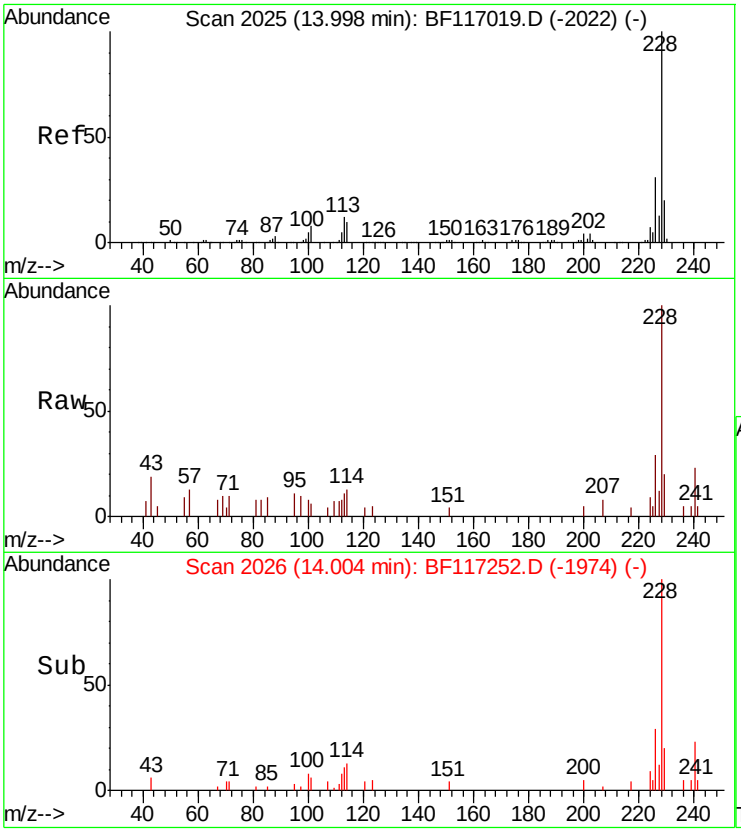


#79
Terphenyl-d14
Concen: 77.675 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:244 Resp: 248795

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.9	11.3	16.9

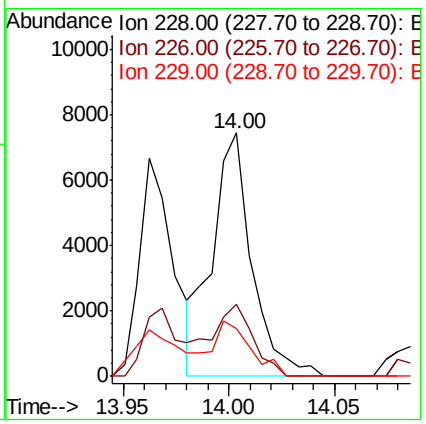




#83
Chrysene
Concen: 2.501 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

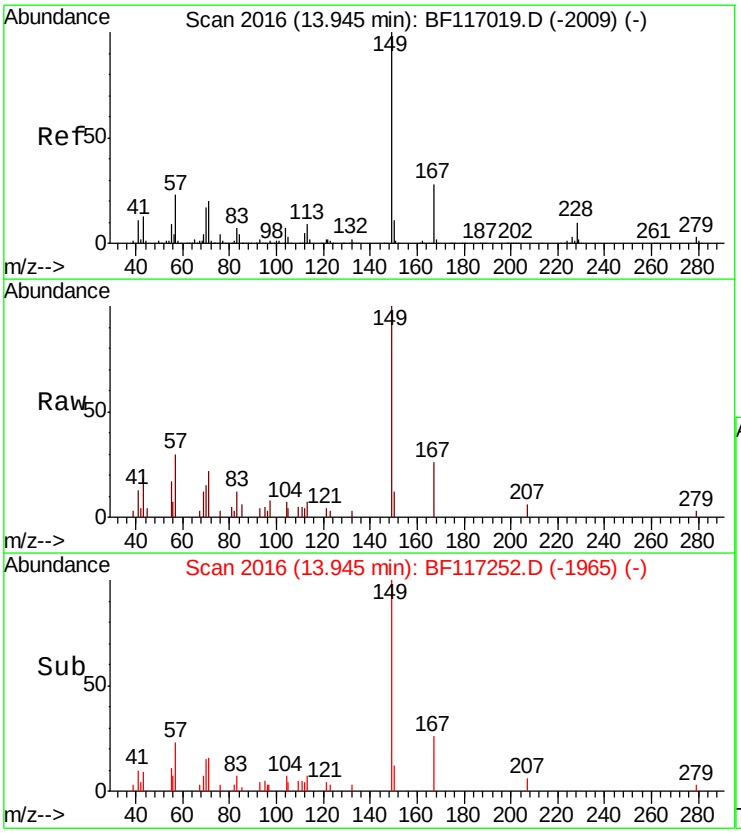
Tgt Ion:228 Resp: 9758

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	19.9	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
RT-3860

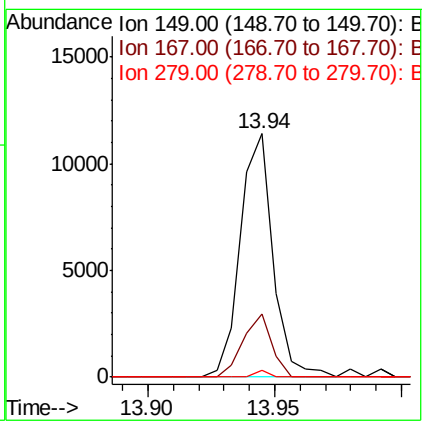
Manual Integrations APPROVED
mohammad
9/26/2019 3:53:50 PM

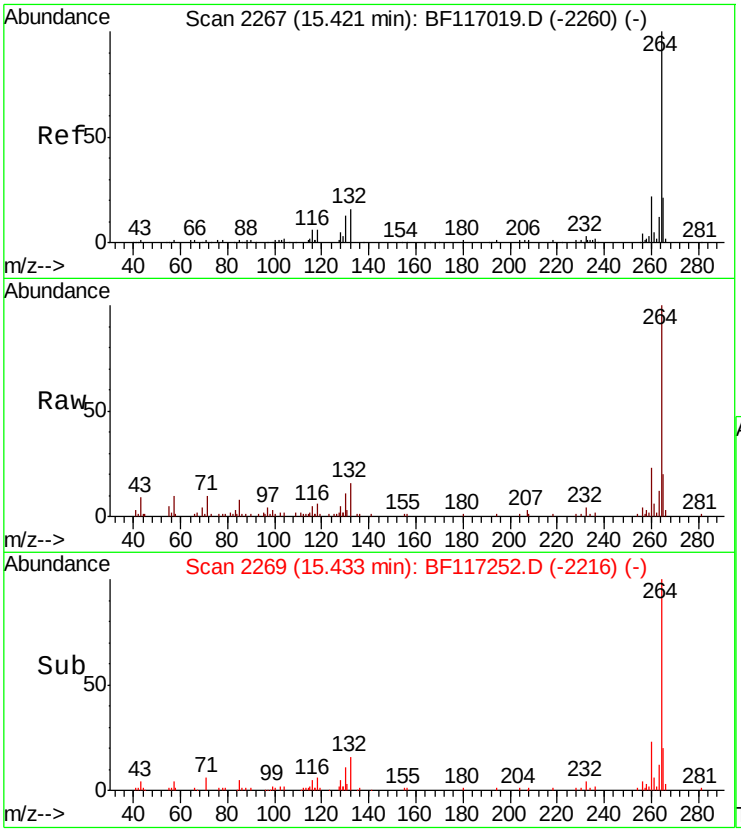


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.339 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:149 Resp: 10218

Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.2
279	2.8	2.8	4.2

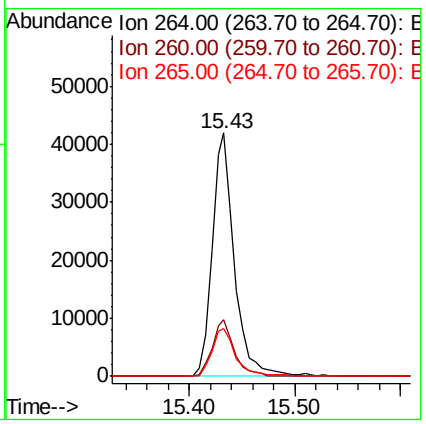




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

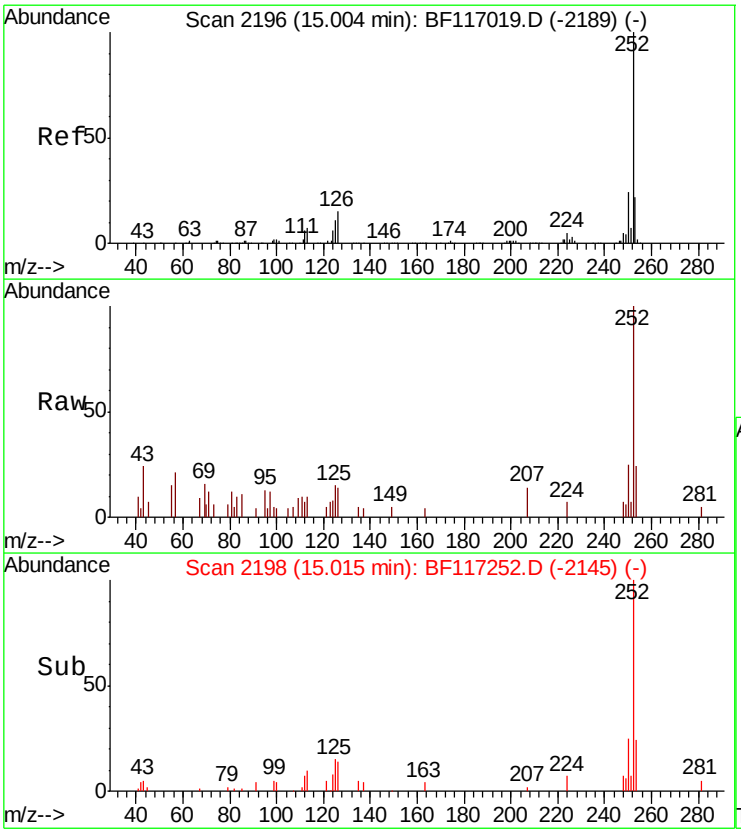
Tgt Ion:264 Resp: 61463

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	19.8	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
RT-3860

Manual Integrations APPROVED
mohammad
9/26/2019 3:53:50 PM



#88
Benzo(b)fluoranthene
Concen: 2.759 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117252.D
Acq: 25 Sep 2019 20:38

Tgt Ion:252 Resp: 10271

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	15.2	8.6	12.8#