Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112400.D
Acq On : 5 Feb 2019 17:15
Operator : JU/SJ
Sample : K1341-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

Manual Integrations APPROVED
mohammad
2/6/2019 9:15:50 AM

Quant Time: Feb 06 00:22:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	174571	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	650829	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	297867	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	501266	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	361752	20.00	ng	-0.01
87) Perylene-d12	15.47	264	300197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	106790	12.99	ng	-0.02
7) Phenol-d6	6.48	99	141729	12.41	ng	-0.01
23) Nitrobenzene-d5	7.39	82	85503	7.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	33879	9.77	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	183066	8.69	ng	-0.02
79) Terphenyl-d14	12.93	244	147333	7.67	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.13	128	83379	2.740	ng	98
37) 2-Methylnaphthalene	8.83	142	107715	5.170	ng	97
38) 1-Methylnaphthalene	8.93	142	67501m	3.380	ng	
52) Acenaphthene	9.90	154	38317	2.167	ng	96
58) Fluorene	10.42	166	55798	2.760	ng	98
71) Phenanthrene	11.38	178	214297	8.223	ng	97
75) Fluoranthene	12.57	202	106338	3.804	ng	96
78) Pyrene	12.80	202	68692	2.743	ng	99

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

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Instrument :
BNA_F
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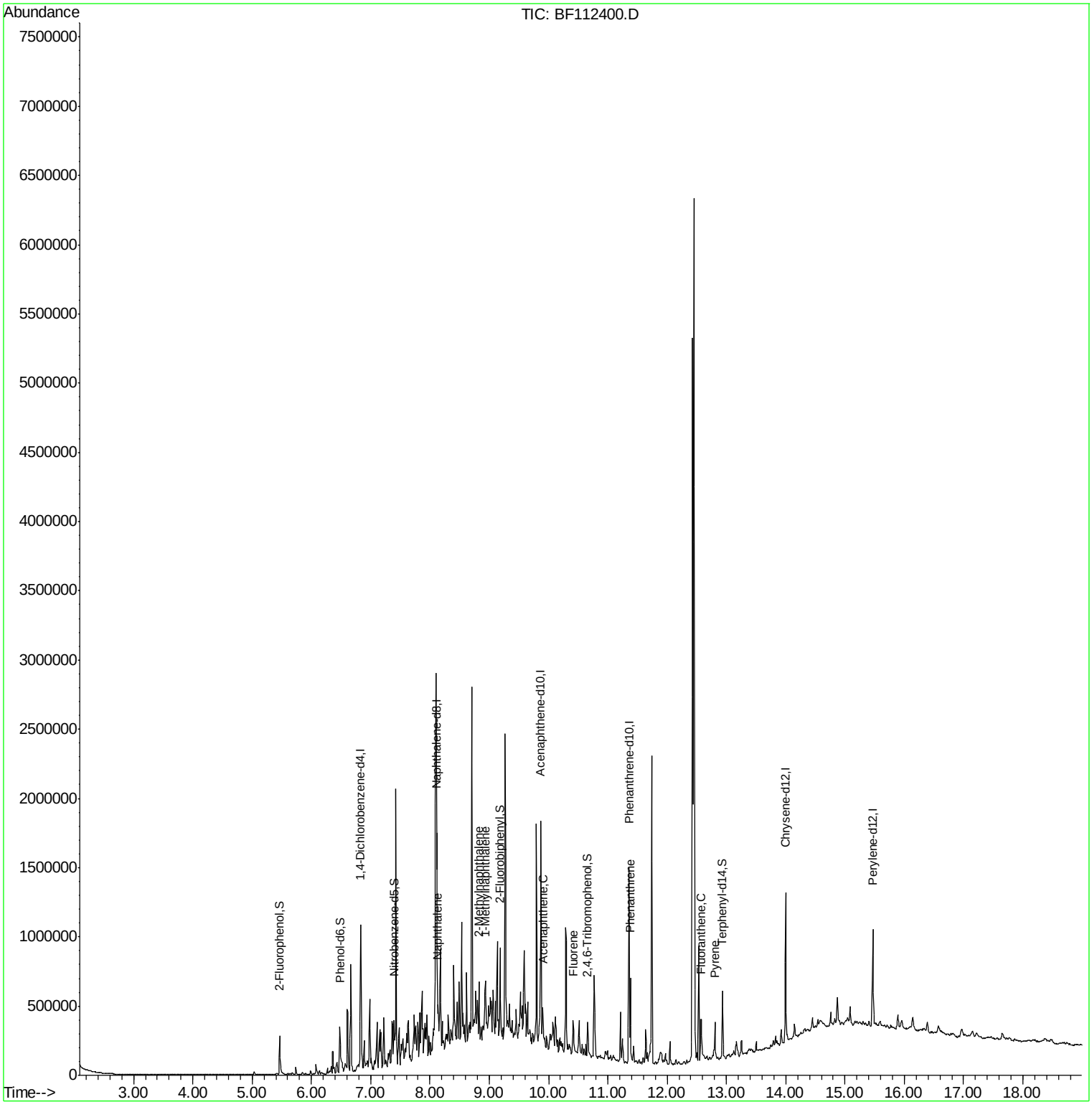
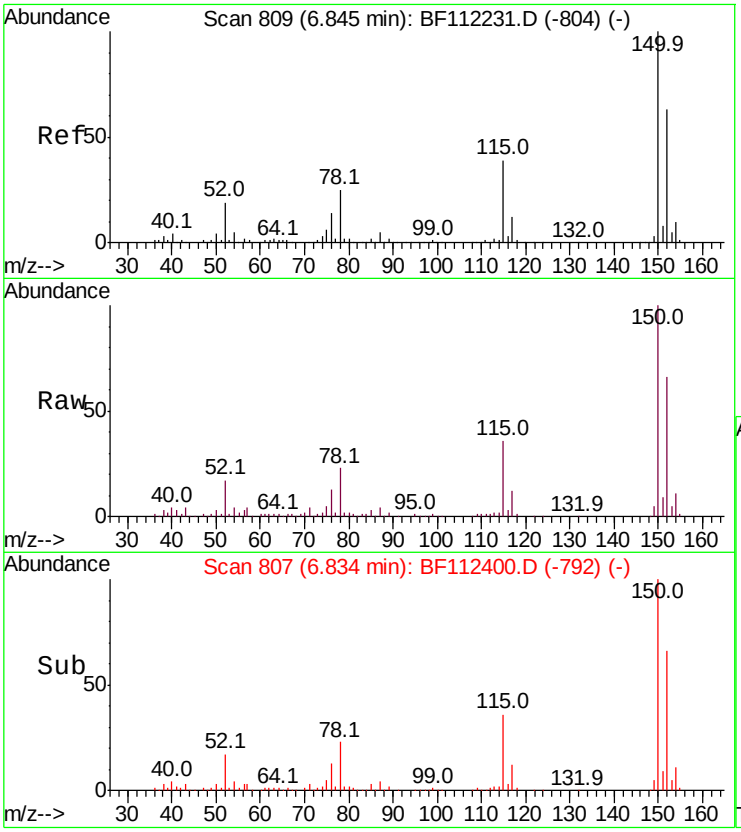
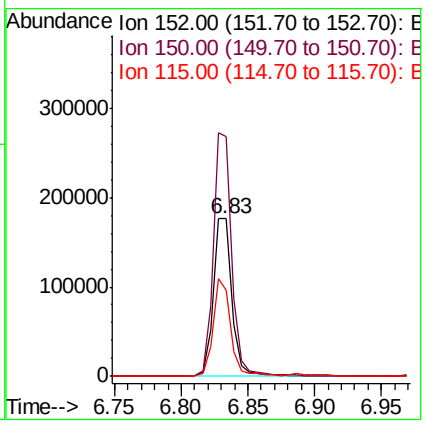




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:152 Resp: 174571

Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.4	191.0
115	54.7	45.5	68.3



Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

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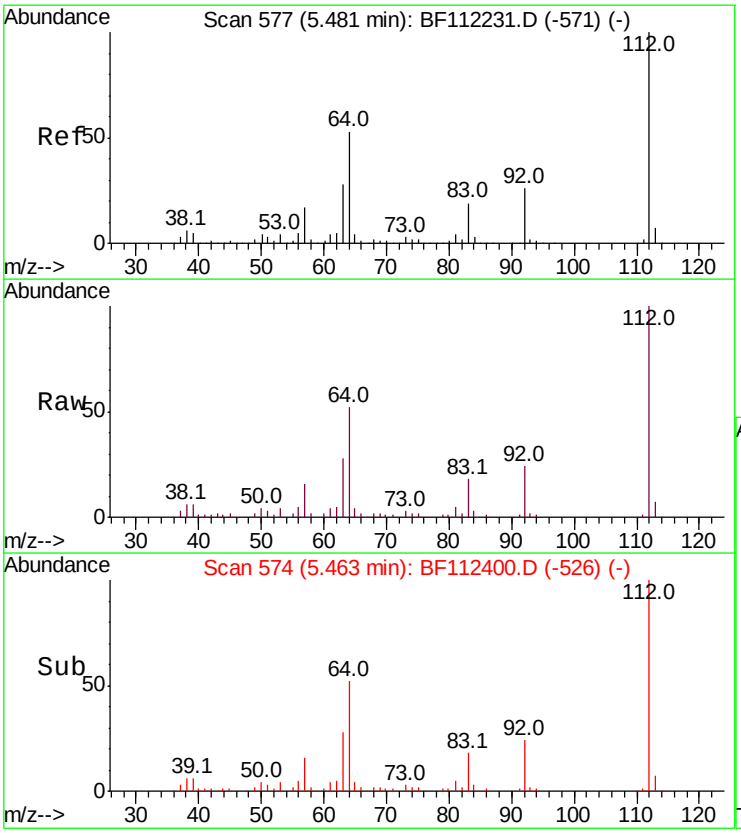
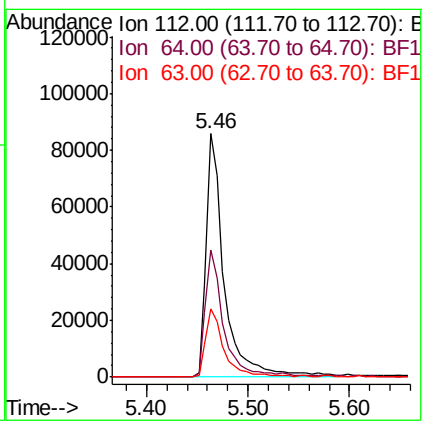
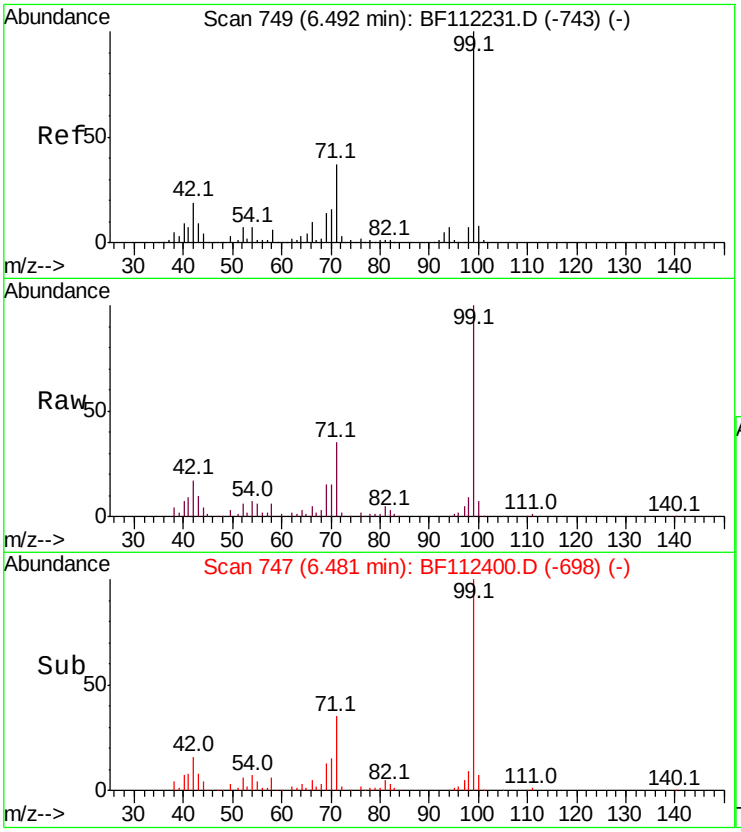


#5
2-Fluorophenol
Concen: 12.994 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:112 Resp: 106790

Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.7	68.5
63	27.8	23.6	35.4

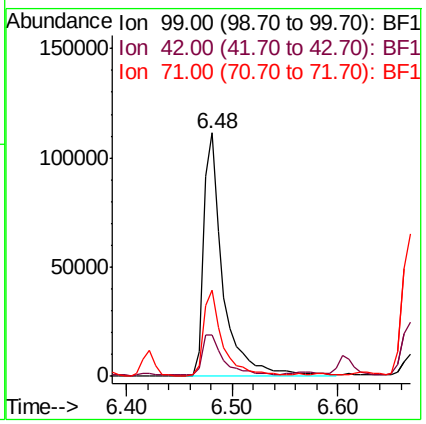




#7
Phenol-d6
Concen: 12.410 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion: 99 Resp: 141729

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.1	22.7
71	35.4	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

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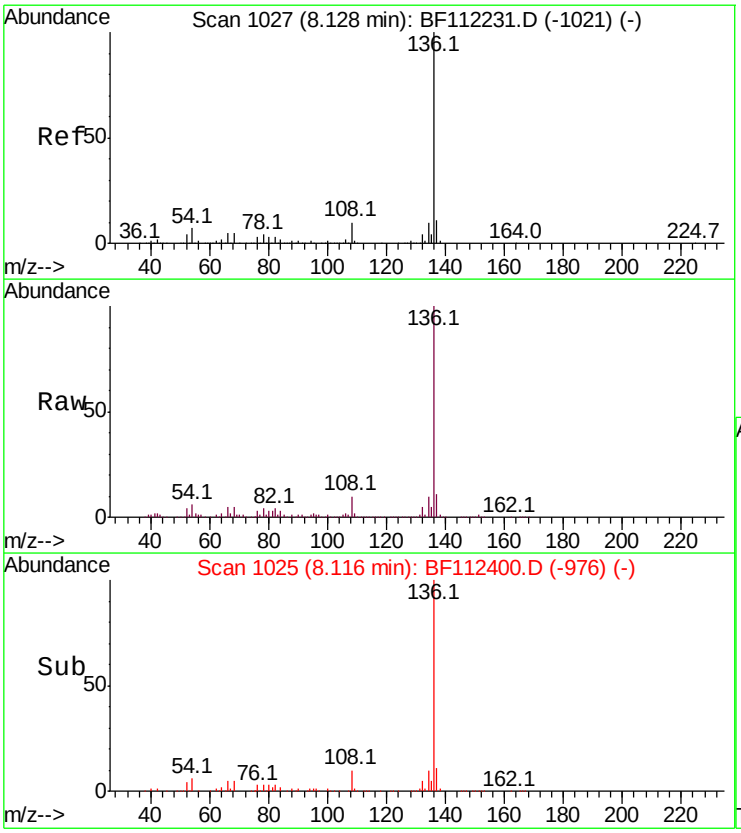
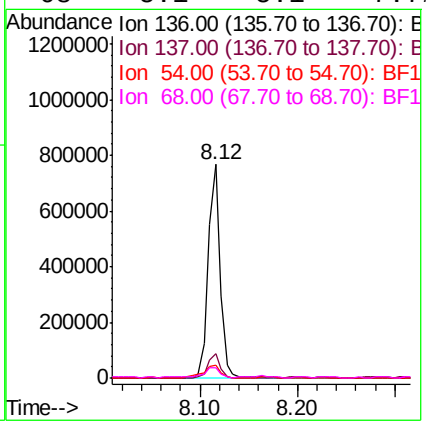
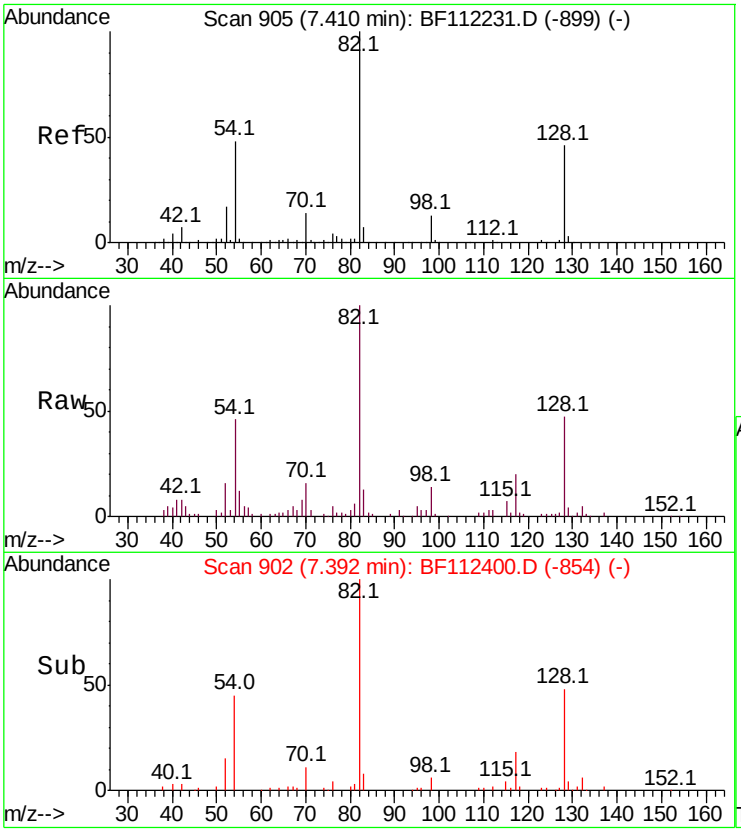


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:136 Resp: 650829

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.3	5.9	8.9
68	5.1	5.1	7.7#

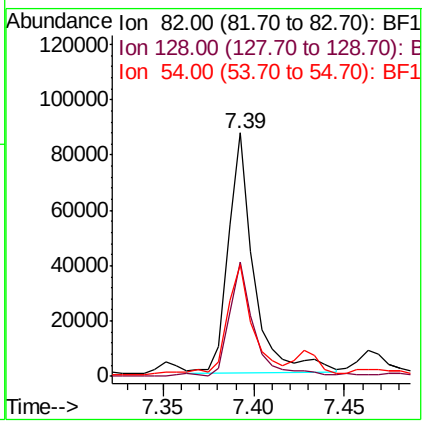




#23
Nitrobenzene-d5
Concen: 7.570 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion: 82 Resp: 85503

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	45.7	39.7	59.5



Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

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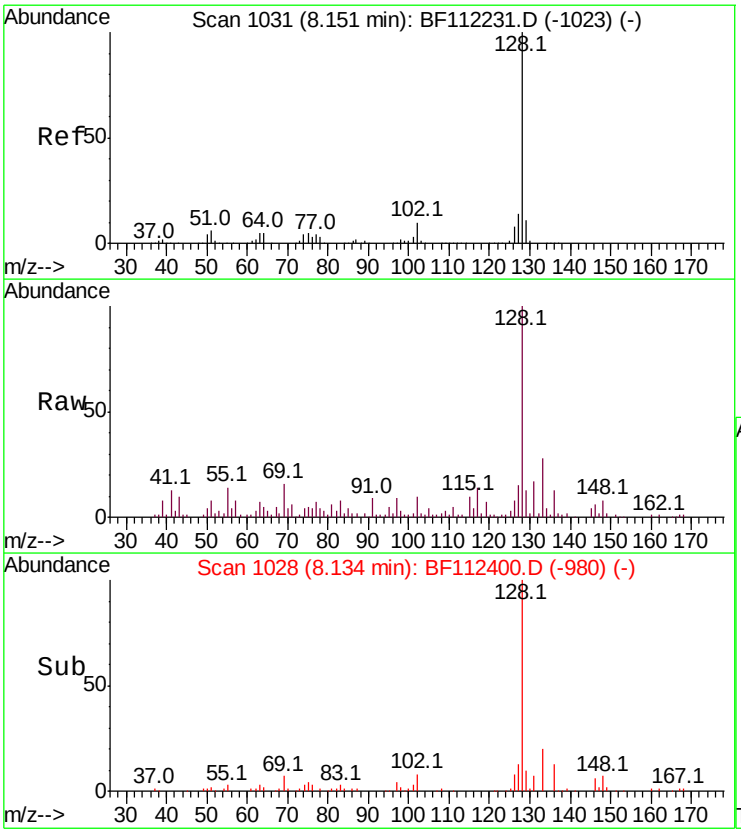
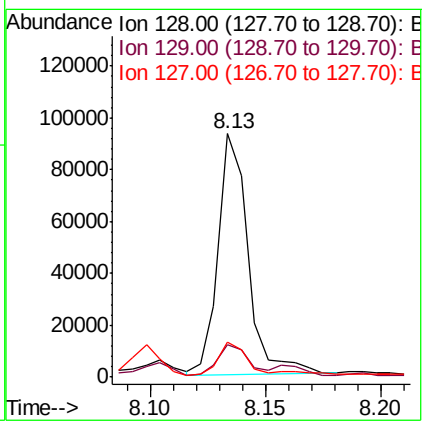
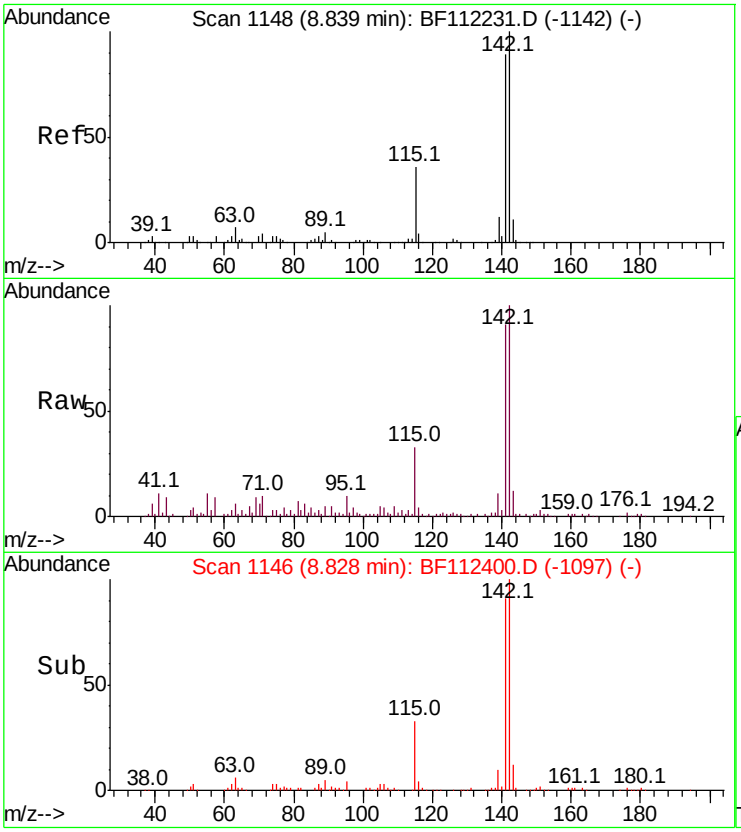


#31
Naphthalene
Concen: 2.740 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:128 Resp: 83379

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.6	14.4
127	14.6	11.1	16.7

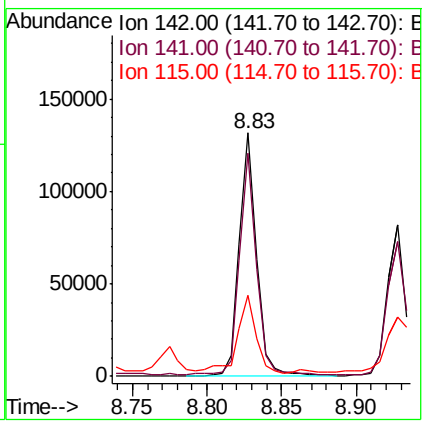




#37
2-Methylnaphthalene
Concen: 5.170 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:142 Resp: 107715

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.9	106.3
115	33.4	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

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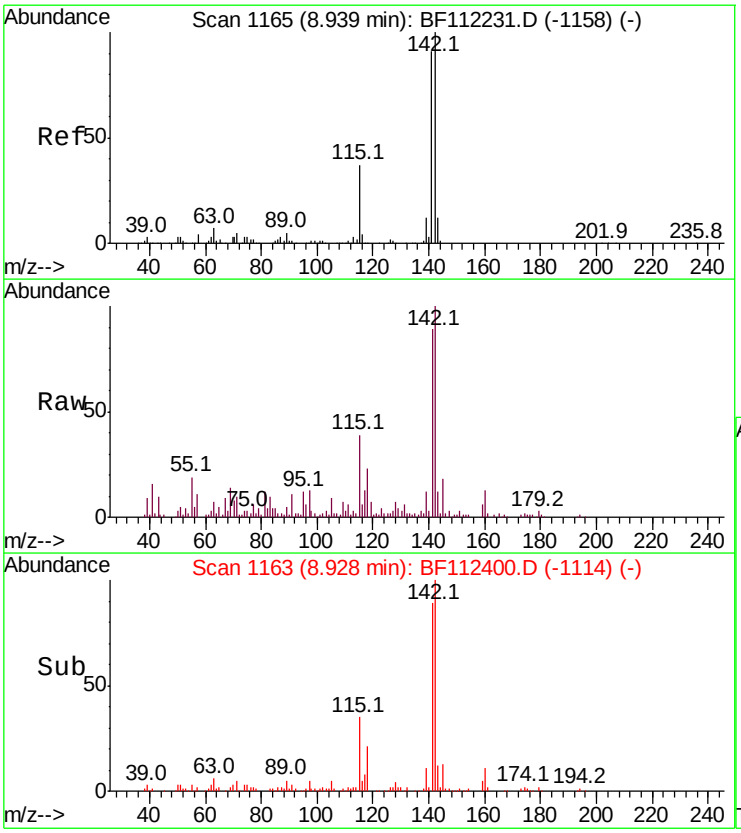
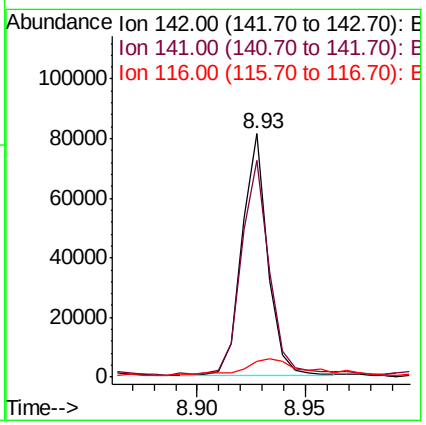
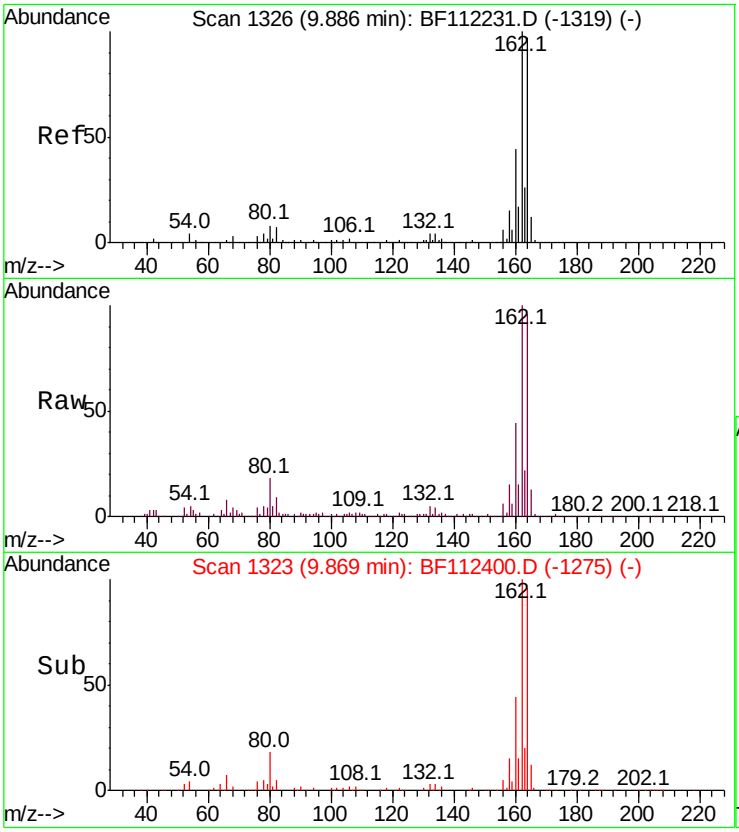


#38
1-Methylnaphthalene
Concen: 3.380 ng m
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:142 Resp: 67501

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8
116	6.3	2.8	4.2#

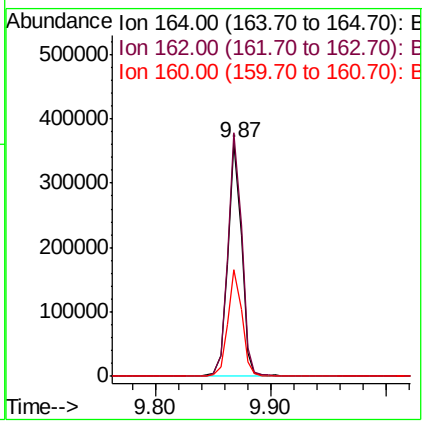




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:164 Resp: 297867

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	45.9	36.2	54.4



Instrument :
BNA_F
ClientSampleId :
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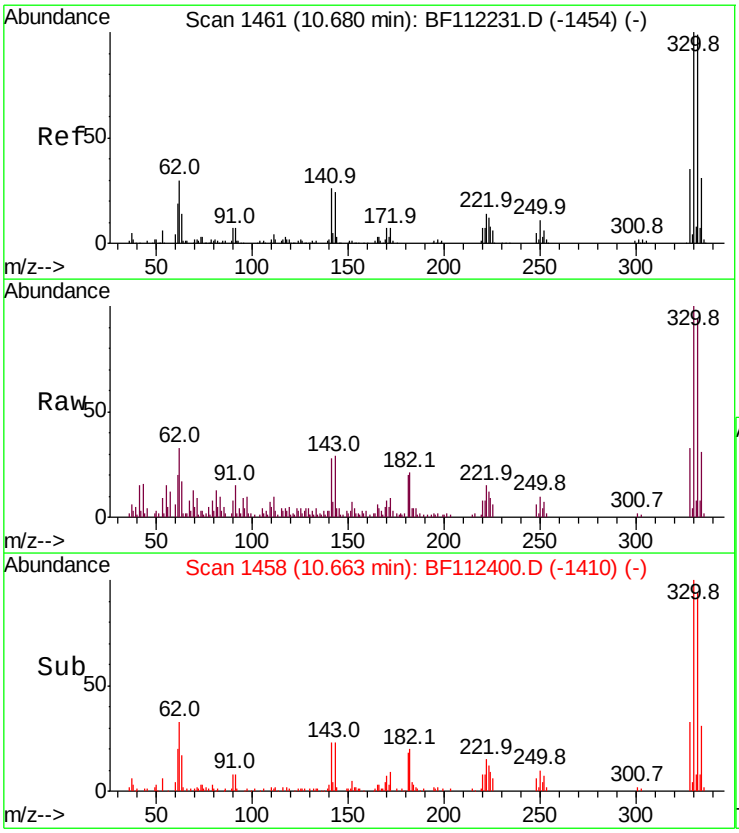
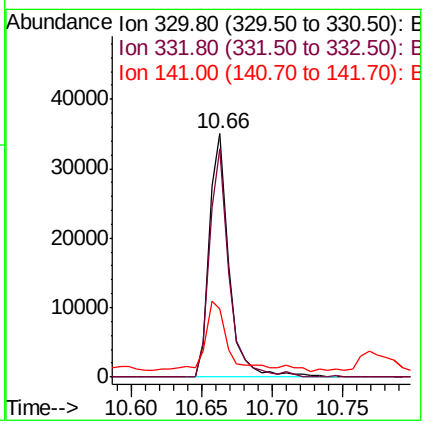
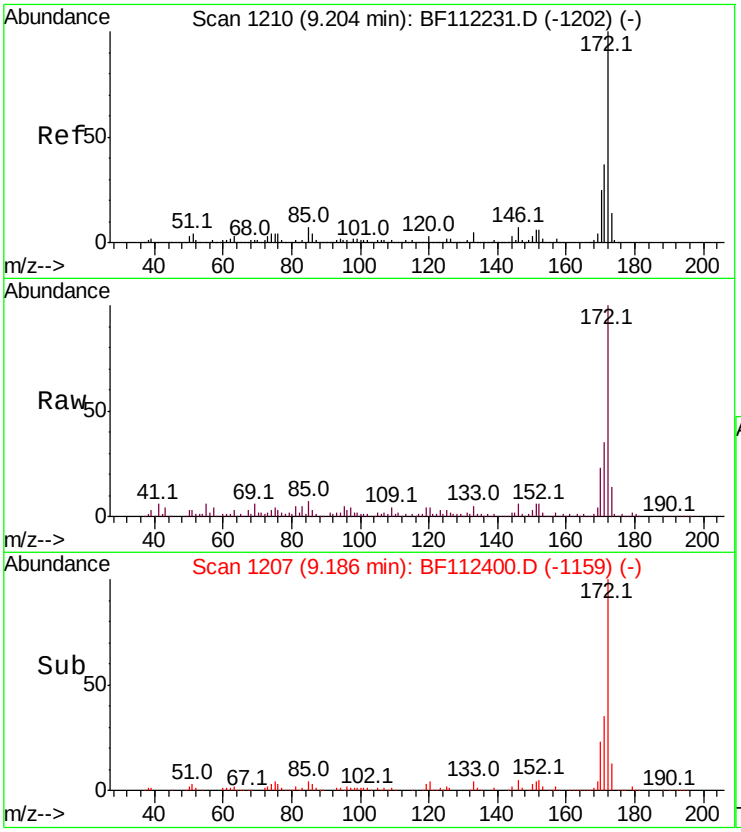


#42
2,4,6-Tribromophenol
Concen: 9.772 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:330 Resp: 33879

Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.6	114.8
141	31.1	24.3	36.5

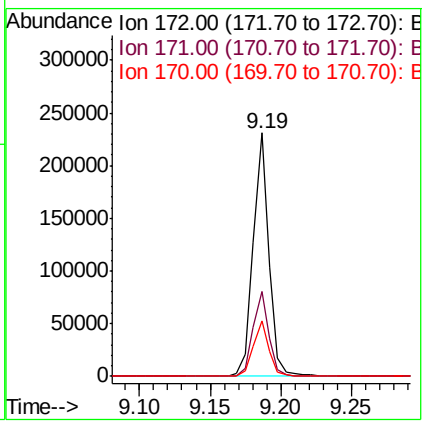




#45
2-Fluorobiphenyl
Concen: 8.692 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:172 Resp: 183066

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.5	45.7
170	22.6	20.2	30.4



Instrument :
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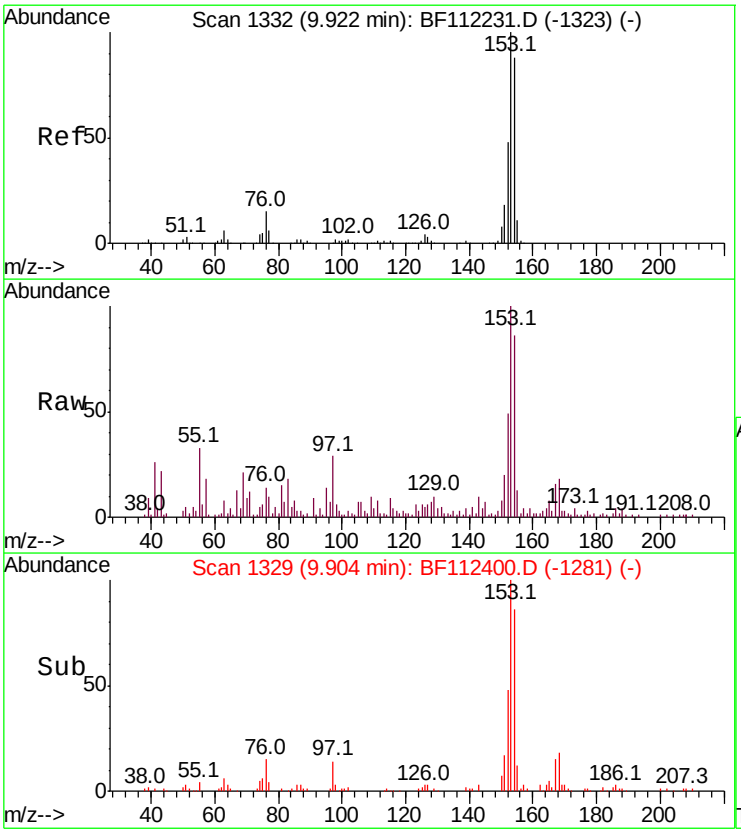
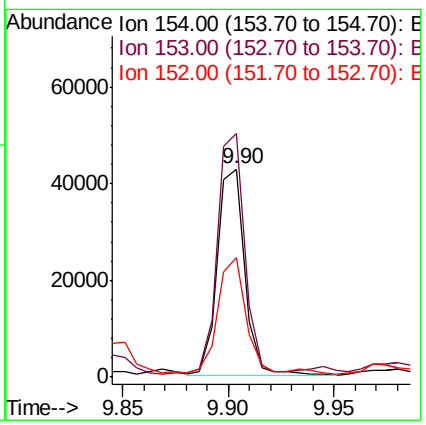
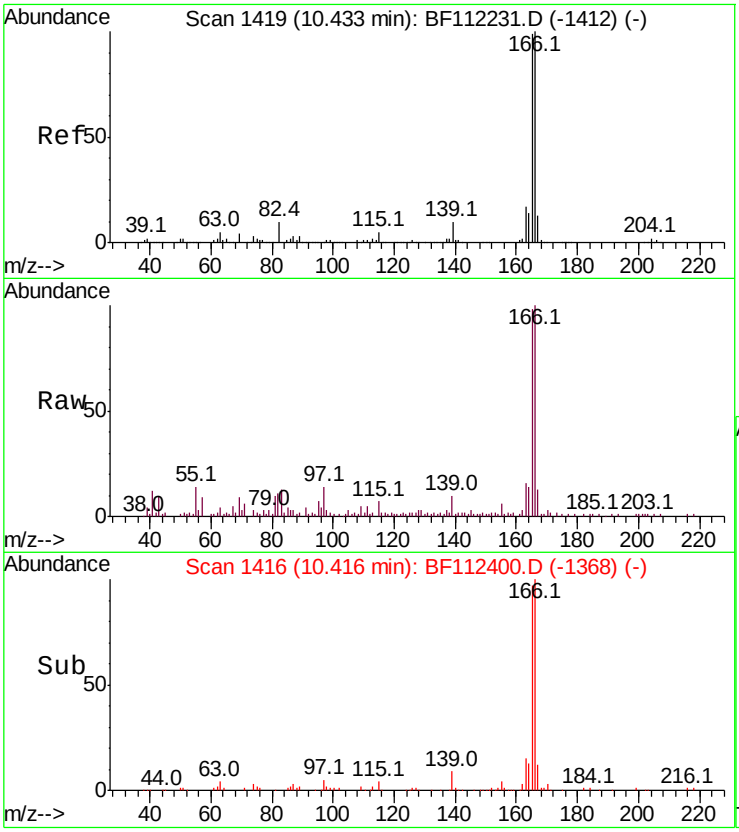


#52
Acenaphthene
Concen: 2.167 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:154 Resp: 38317

Ion	Ratio	Lower	Upper
154	100		
153	116.8	89.8	134.6
152	57.1	43.5	65.3

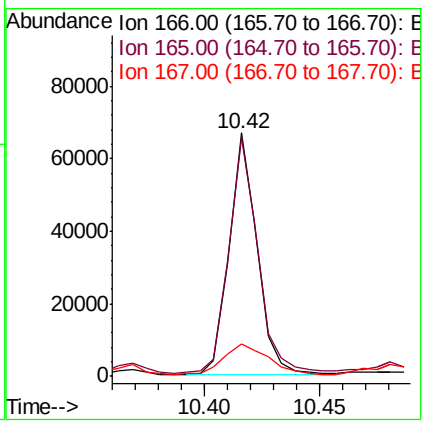




#58
Fluorene
Concen: 2.760 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:166 Resp: 55798

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.1	115.7
167	13.2	11.3	16.9



Instrument :
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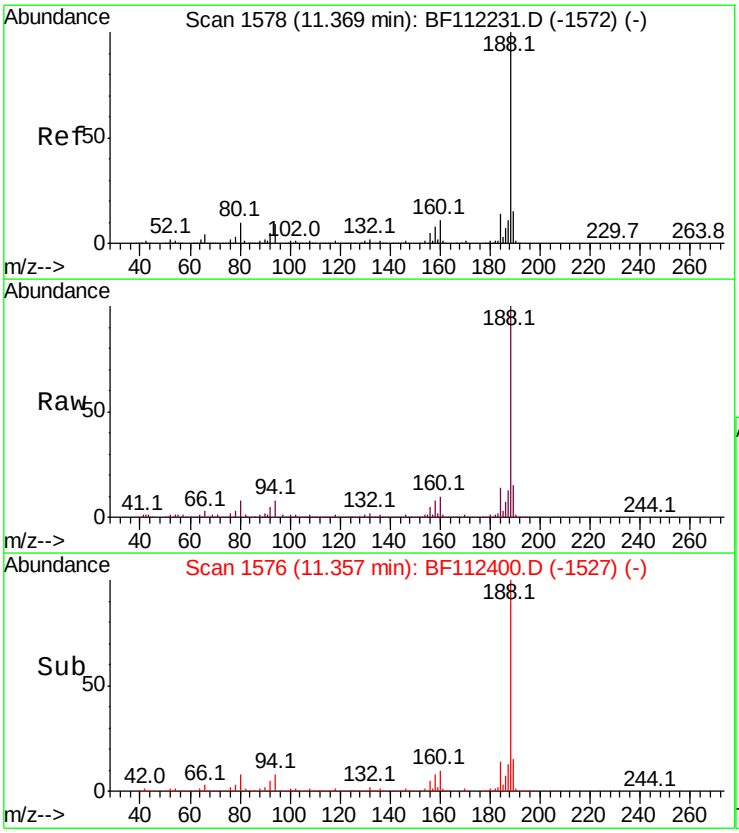
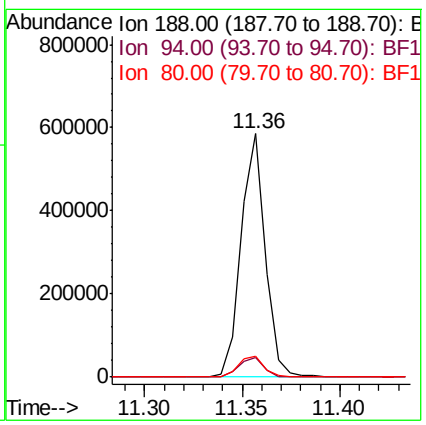
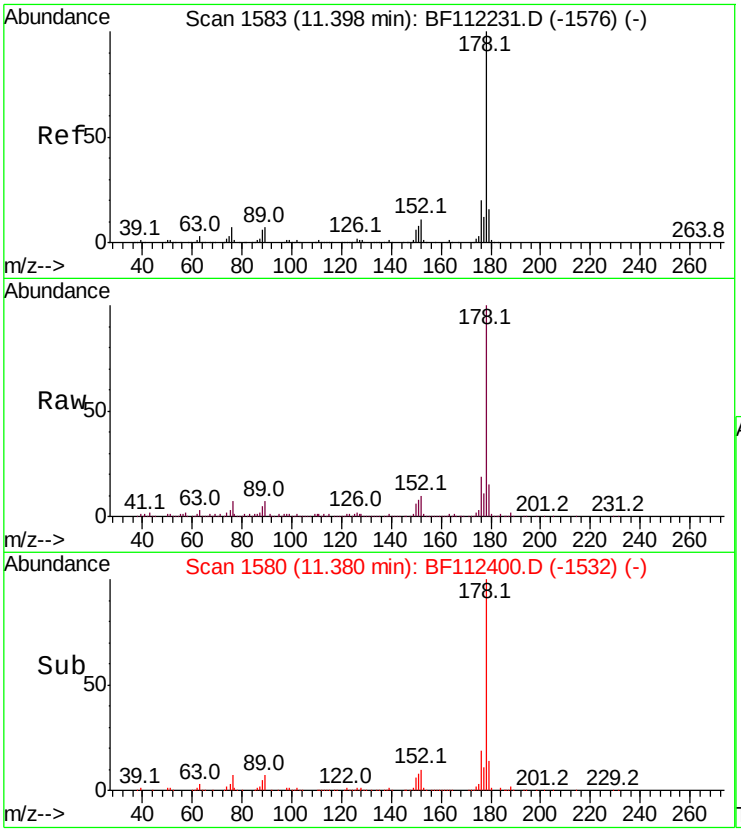


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:188 Resp: 501266

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.4	8.9	13.3#

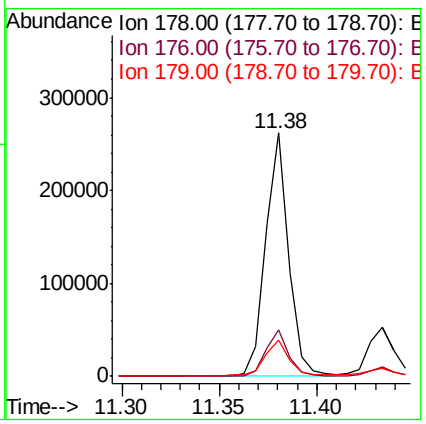




#71
Phenanthrene
Concen: 8.223 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:178 Resp: 214297

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.3	24.5
179	14.7	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

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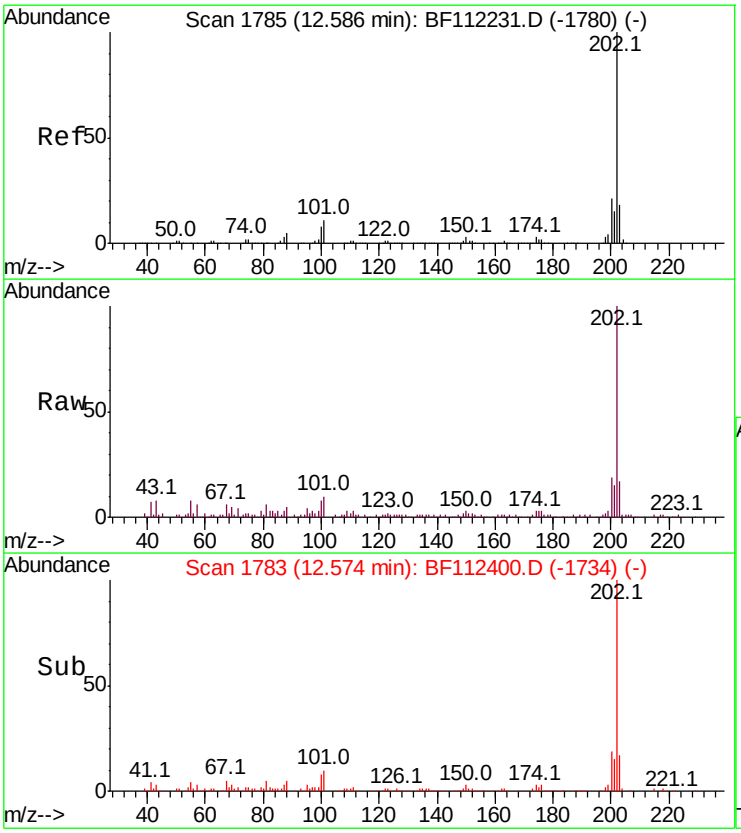
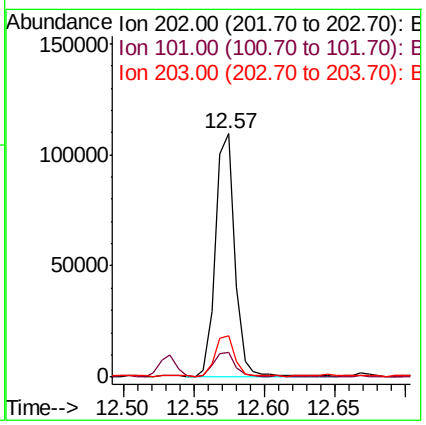
2/6/2019 9:15:50 AM

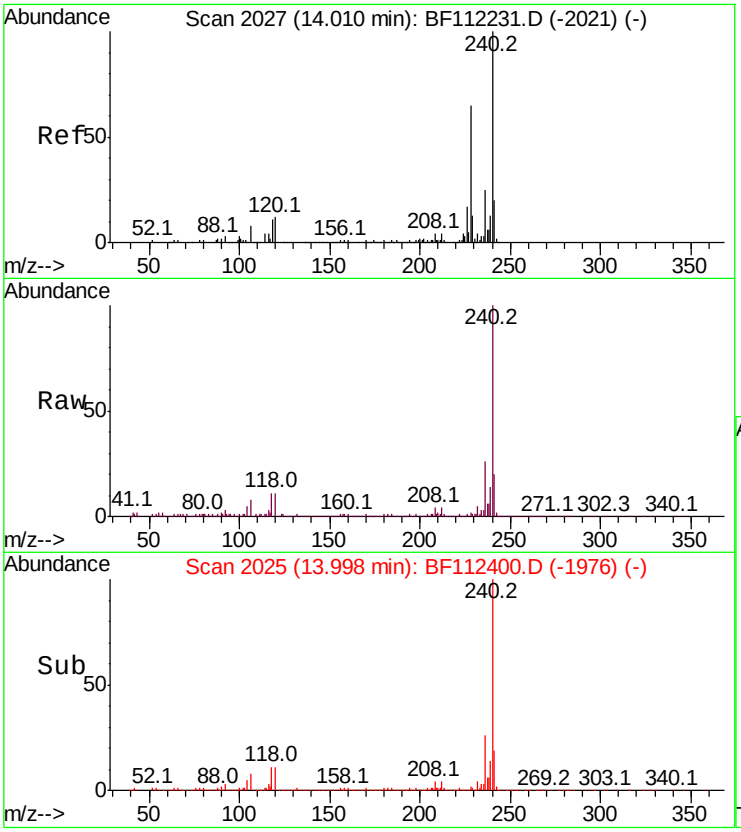


#75
Fluoranthene
Concen: 3.804 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:202 Resp: 106338

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.8
203	16.9	0.0	38.4

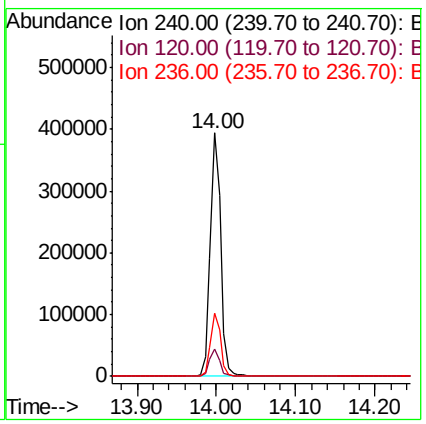




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:240 Resp: 361752

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	25.7	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

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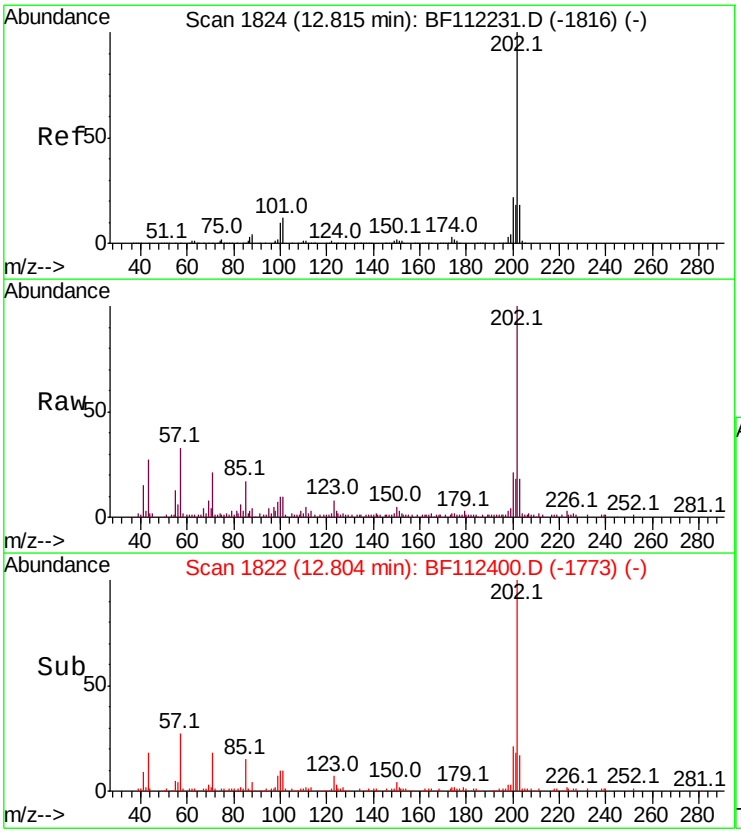
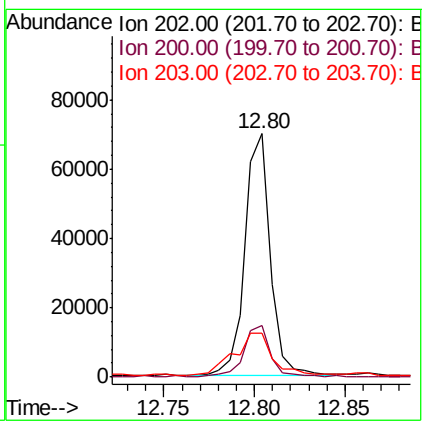
mohammad
2/6/2019 9:15:50 AM

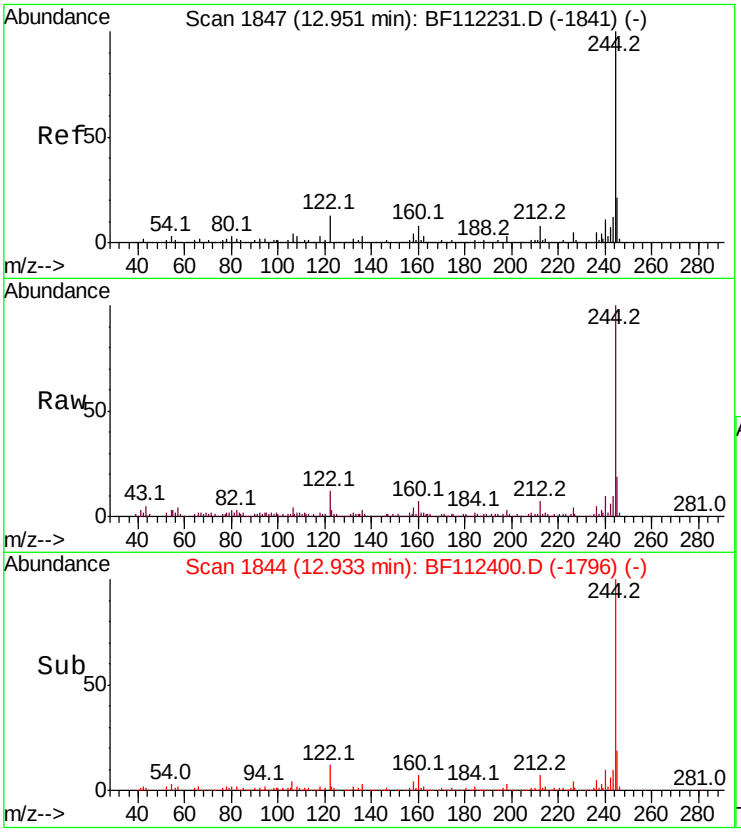


#78
Pyrene
Concen: 2.743 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:202 Resp: 68692

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.9	14.6	22.0

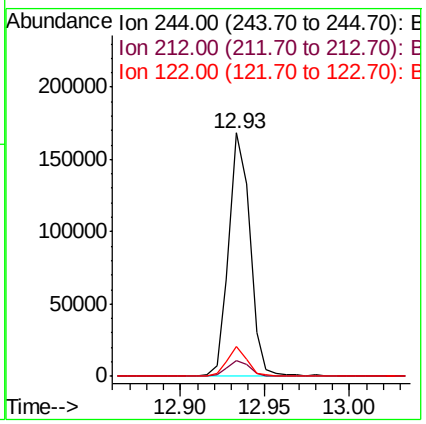




#79
Terphenyl-d14
Concen: 7.671 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

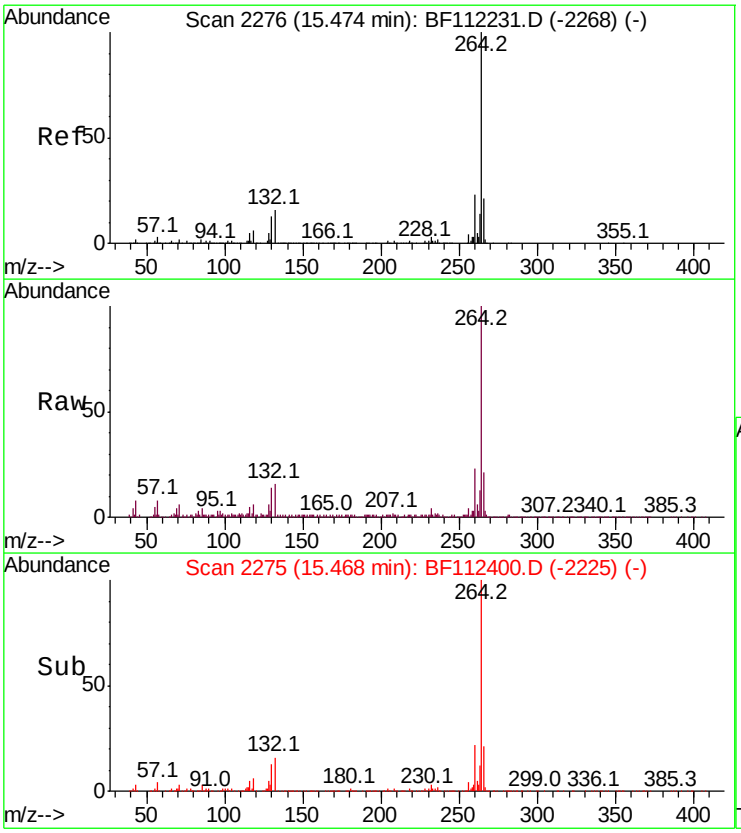
Tgt Ion:244 Resp: 147333

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	12.1	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
HR-05-020419-B

Manual Integrations APPROVED
mohammad
2/6/2019 9:15:50 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112400.D
Acq: 5 Feb 2019 17:15

Tgt Ion:264 Resp: 300197

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.4	17.0	25.4