Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112632.D
Acq On : 19 Feb 2019 20:30
Operator : JU/SJ
Sample : K1518-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

Manual Integrations APPROVED
Sohil
2/20/2019 11:12:50 AM

Quant Time: Feb 20 03:53:10 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	6.82	152	76153	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	308985	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	152753	20.00	ng		-0.03
64) Phenanthrene-d10	11.35	188	283086	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	186726	20.00	ng		-0.01
87) Perylene-d12	15.47	264	179650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	465626	129.87	ng		-0.03
7) Phenol-d6	6.47	99	601239	120.69	ng		-0.02
23) Nitrobenzene-d5	7.39	82	386148	72.01	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	198286	111.52	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	745808	69.05	ng		-0.03
79) Terphenyl-d14	12.93	244	716937	72.32	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.49	94	13177	2.411	ng	#	82
49) Acenaphthylene	9.72	152	35935	2.367	ng		97
50) Dimethylphthalate	9.57	163	64799	5.460	ng		99
71) Phenanthrene	11.37	178	131288	8.921	ng		98
72) Anthracene	11.43	178	52602	3.588	ng		98
73) Carbazole	11.59	167	33557	2.320	ng		97
75) Fluoranthene	12.56	202	244245	15.473	ng		99
78) Pyrene	12.79	202	240772	18.624	ng		98
81) Benzo(a)anthracene	13.99	228	95056	8.660	ng		95
83) Chrysene	14.02	228	113997	10.880	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	79467	9.572	ng	#	91
88) Benzo(b)fluoranthene	15.04	252	184825m	17.203	ng		
89) Benzo(k)fluoranthene	15.06	252	58449m	5.680	ng		
90) Benzo(a)pyrene	15.41	252	89159	9.223	ng	#	93
91) Dibenzo(a,h)anthracene	16.96	278	18806	2.414	ng	#	76
92) Benzo(g,h,i)perylene	17.42	276	78308	10.653	ng		97

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

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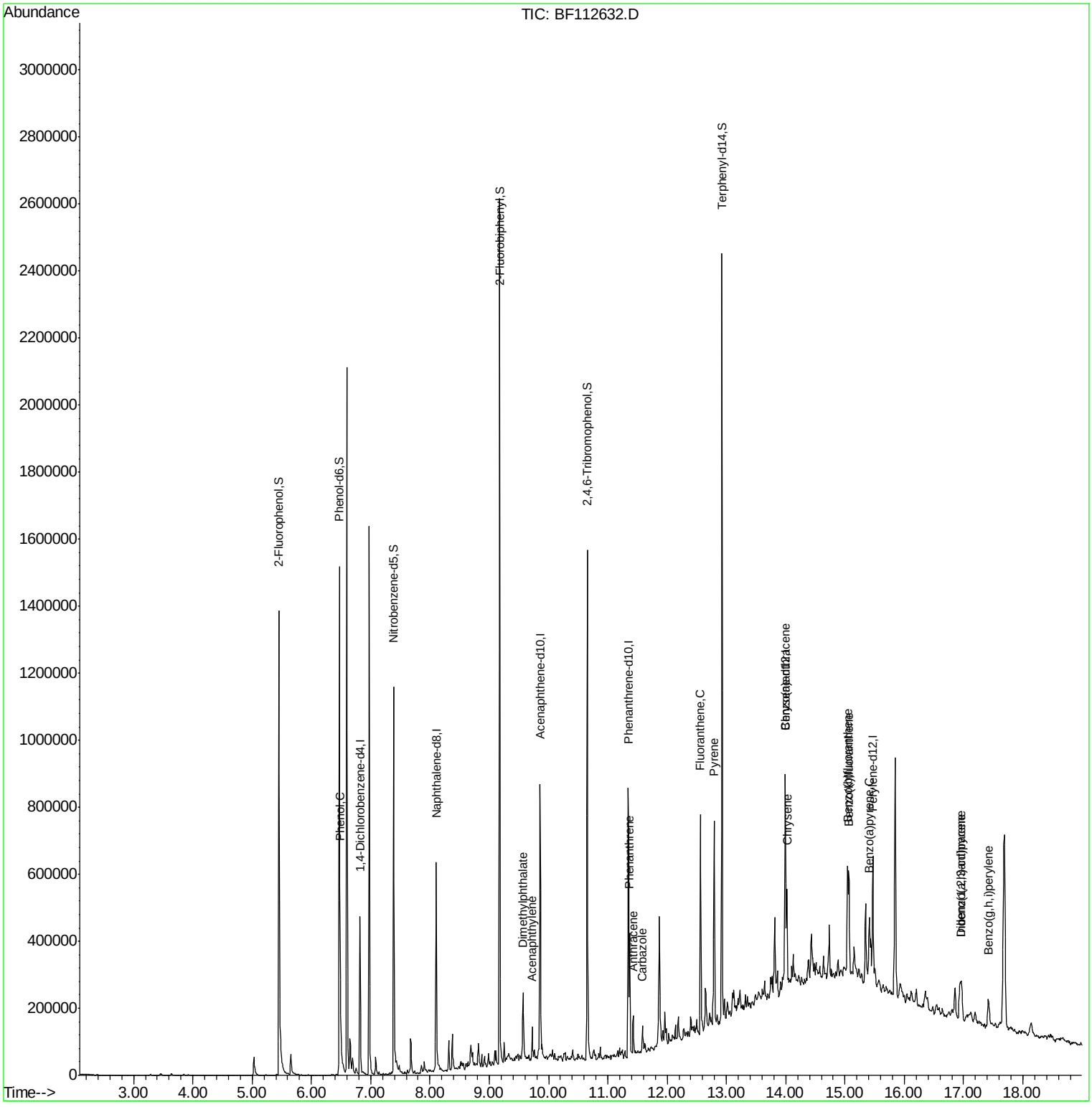
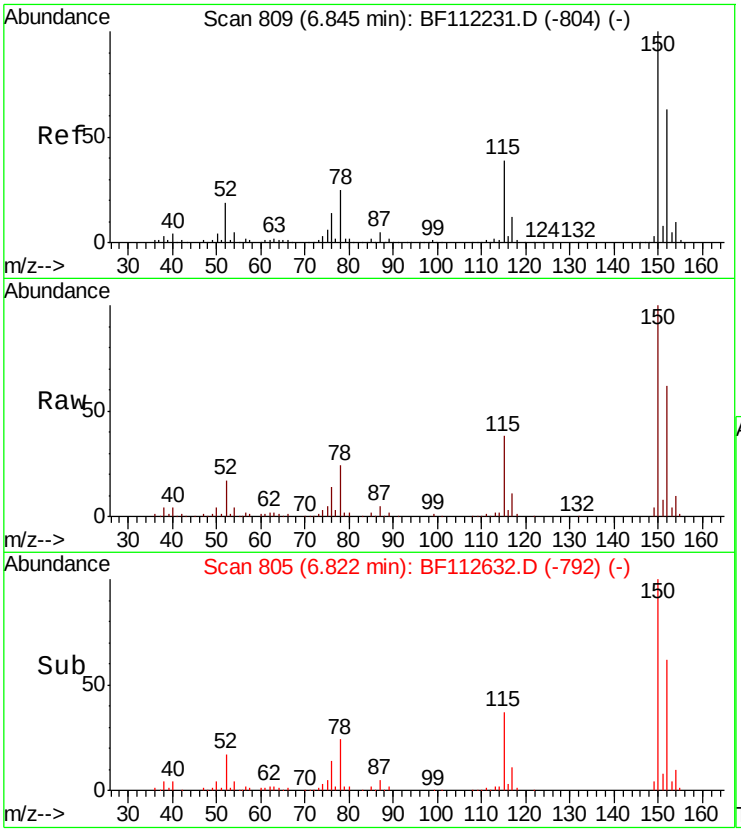
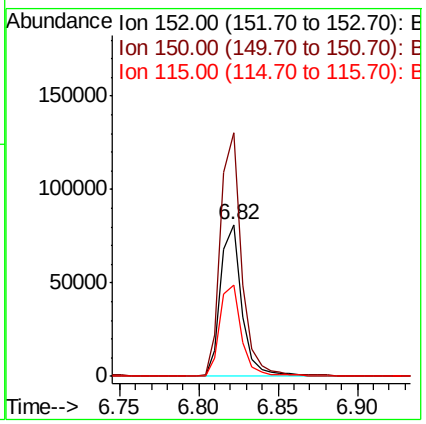




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:152 Resp: 76153

Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.4	191.0
115	60.2	45.5	68.3



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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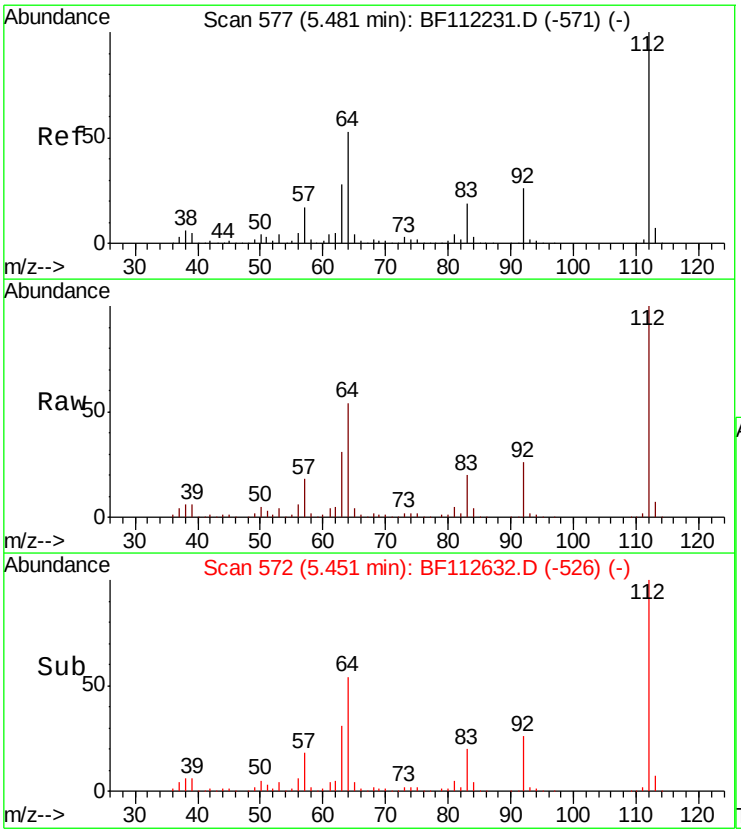
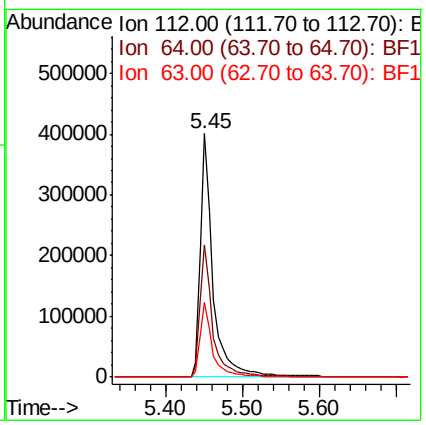
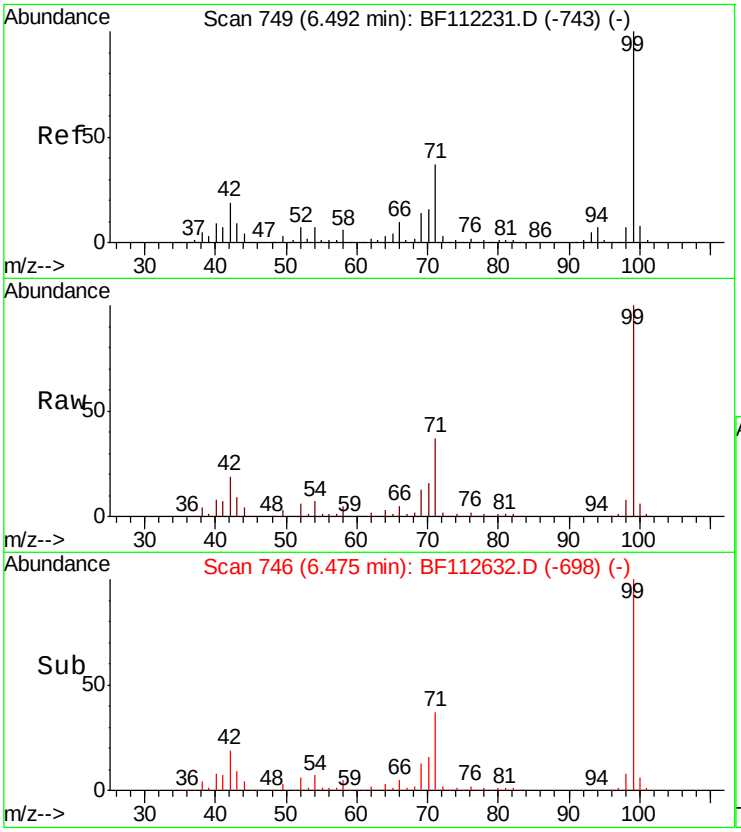


#5
2-Fluorophenol
Concen: 129.873 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:112 Resp: 465626

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.7	68.5
63	30.6	23.6	35.4





#7
Phenol-d6
Concen: 120.685 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion: 99 Resp: 601239

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.1	22.7
71	36.5	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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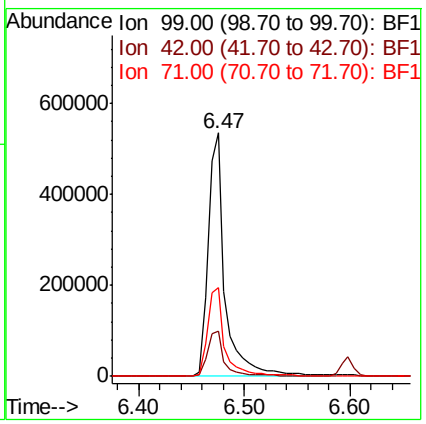
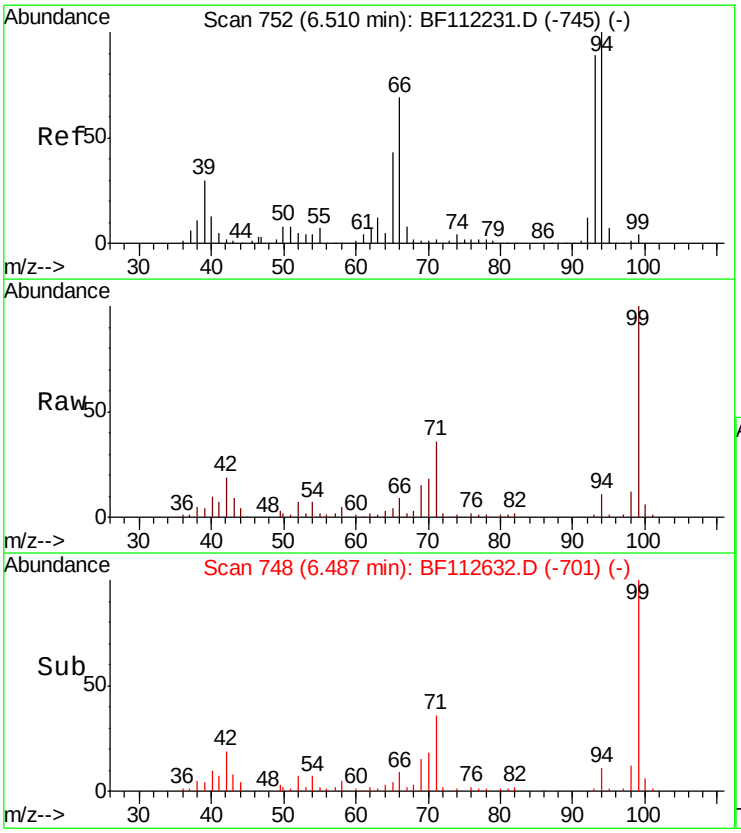
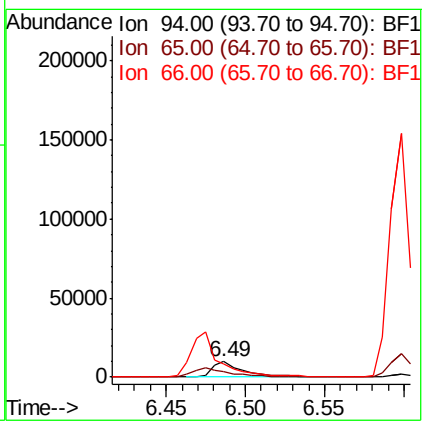


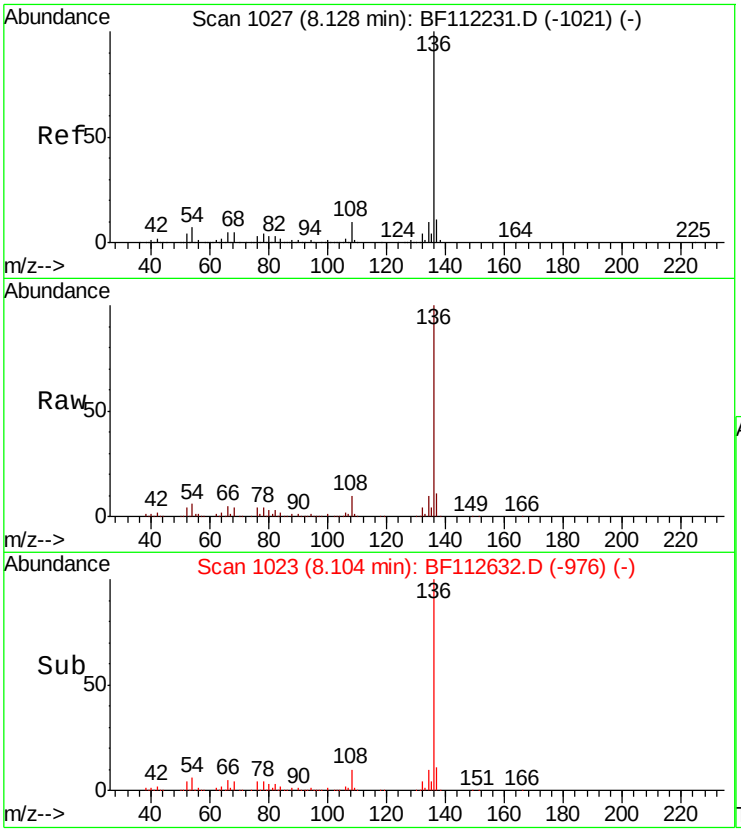


#10
Phenol
Concen: 2.411 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion: 94 Resp: 13177

Ion	Ratio	Lower	Upper
94	100		
65	38.7	20.3	60.3
66	83.7	42.4	82.4#

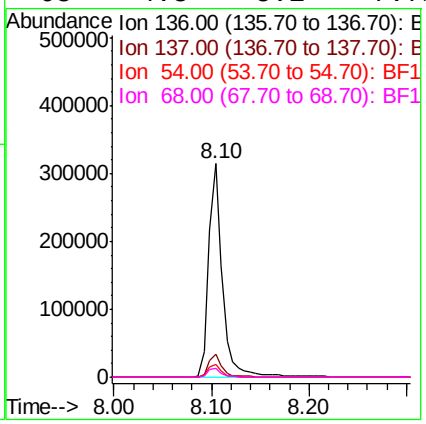




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:136 Resp: 308985

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.1	5.9	8.9
68	4.3	5.1	7.7#



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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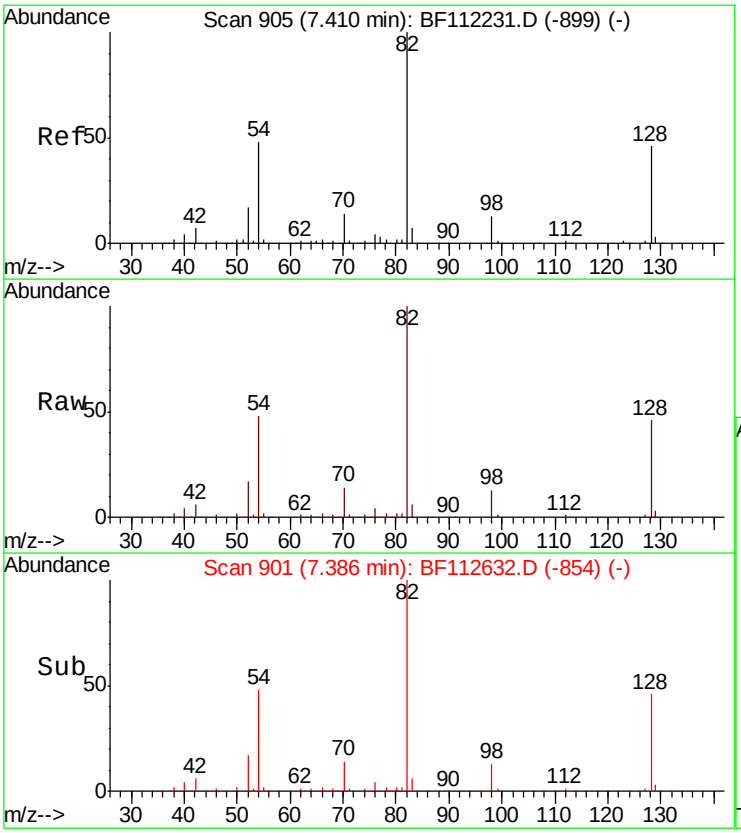
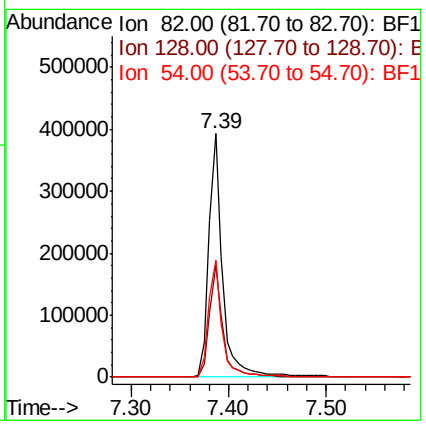
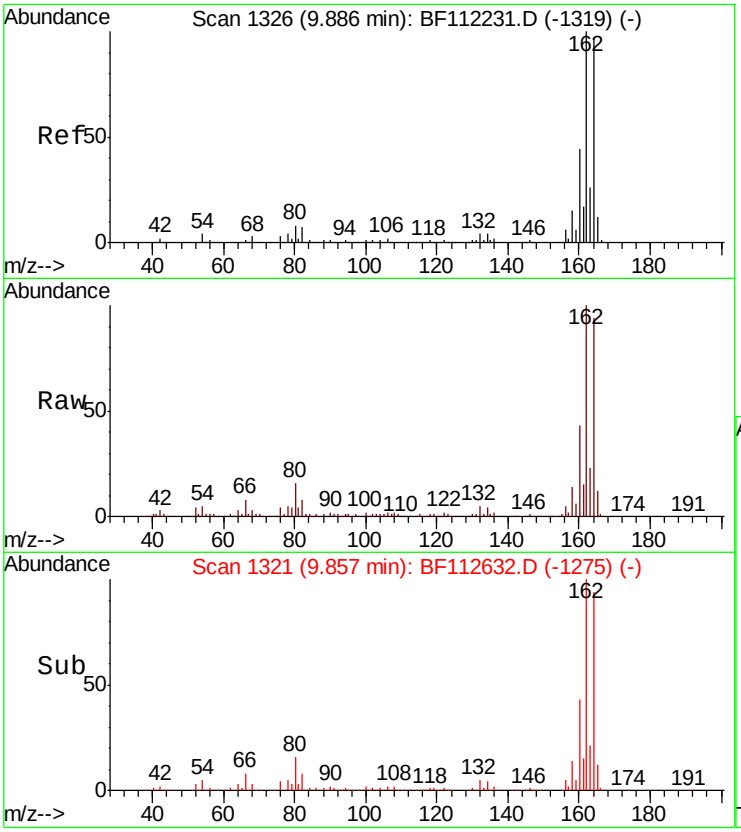


#23
Nitrobenzene-d5
Concen: 72.009 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion: 82 Resp: 386148

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.8	56.8
54	48.0	39.7	59.5

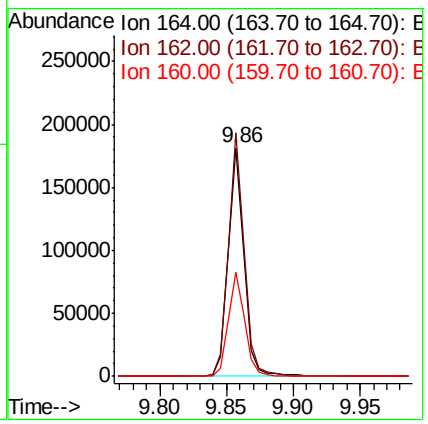




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:164 Resp: 152753

Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.2	123.4
160	45.3	36.2	54.4



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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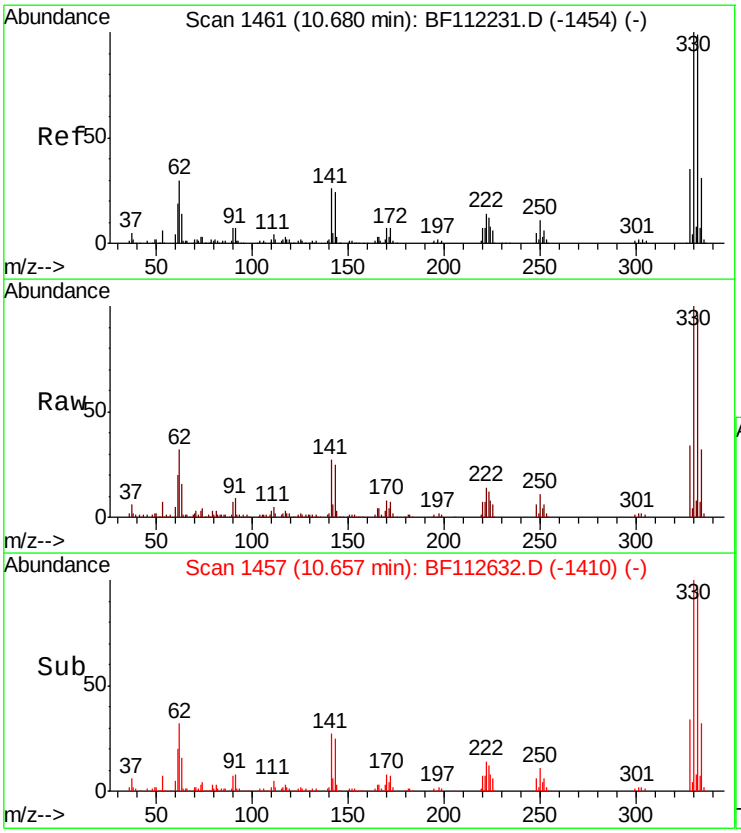
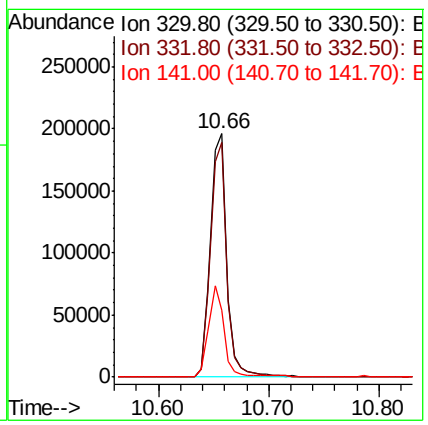
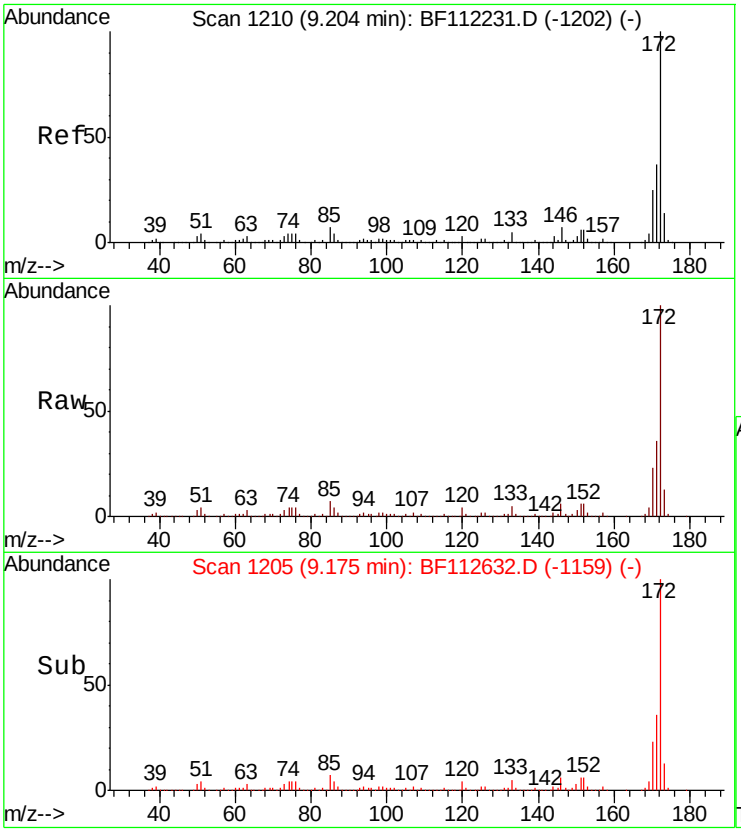


#42
2,4,6-Tribromophenol
Concen: 111.522 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:330 Resp: 198286

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	34.3	24.3	36.5

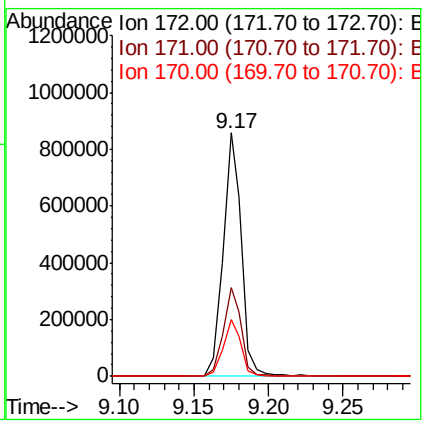




#45
2-Fluorobiphenyl
Concen: 69.054 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:172 Resp: 745808

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	23.1	20.2	30.4



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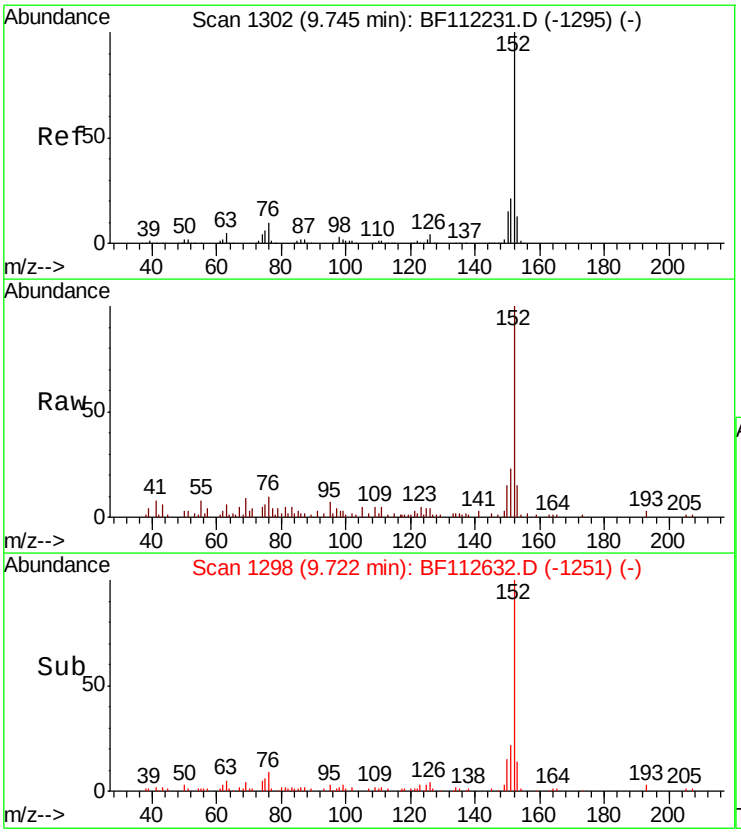
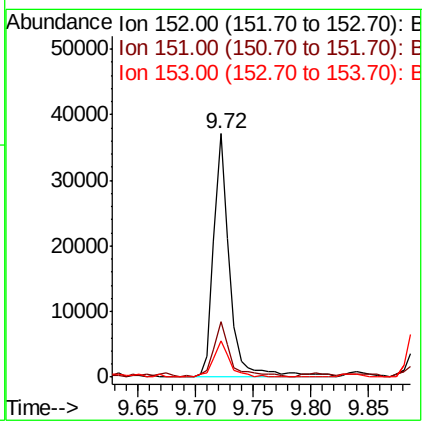
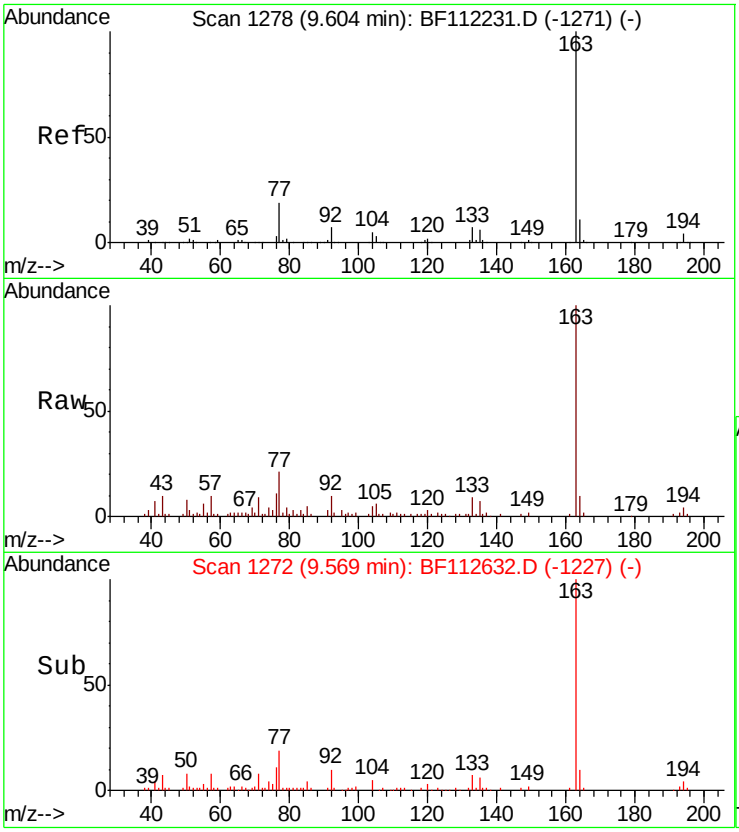


#49
Acenaphthylene
Concen: 2.367 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:152 Resp: 35935

Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.0	25.6
153	15.0	11.2	16.8

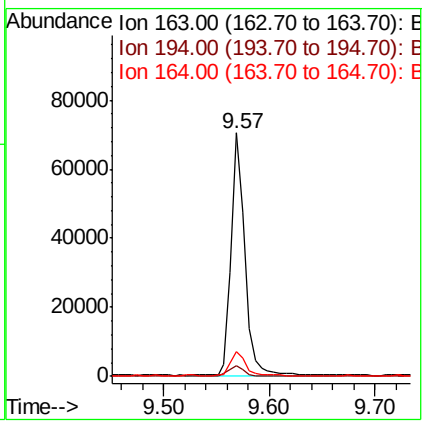




#50
Dimethylphthalate
Concen: 5.460 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:163 Resp: 64799

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.1	8.5	12.7



Instrument :
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ClientSampleId :
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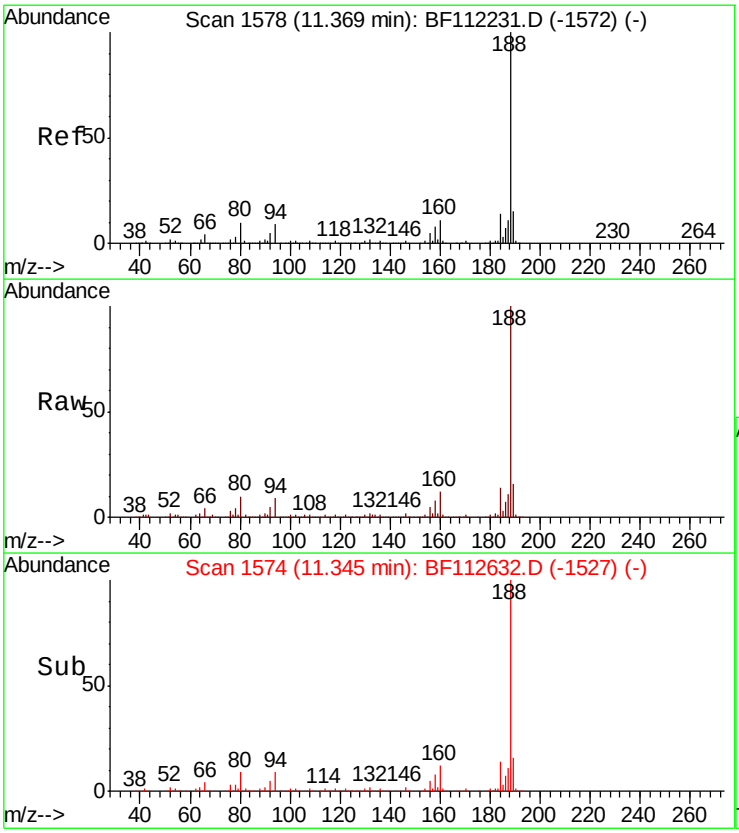
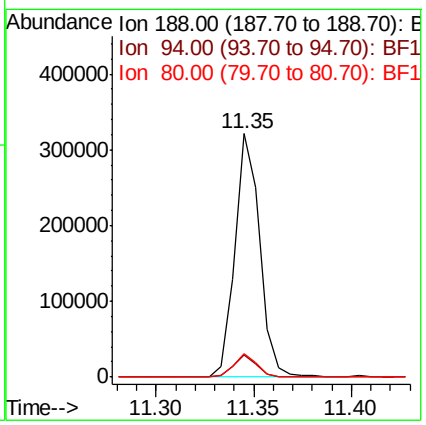
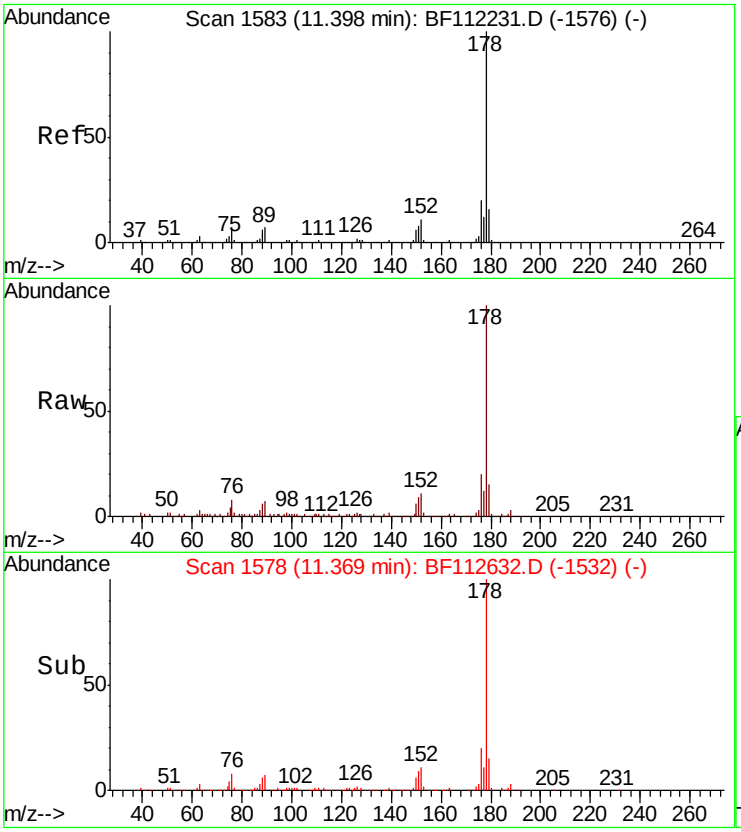


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:188 Resp: 283086

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.6	8.9	13.3

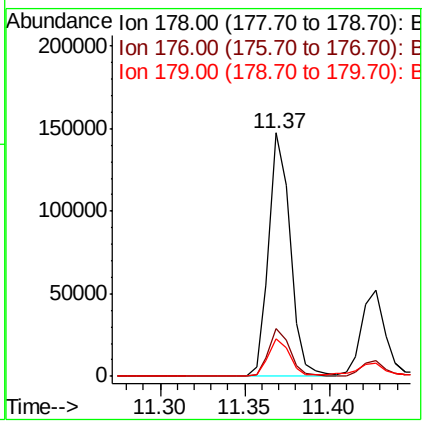




#71
Phenanthrene
Concen: 8.921 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:178 Resp: 131288

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.3	13.0	19.4



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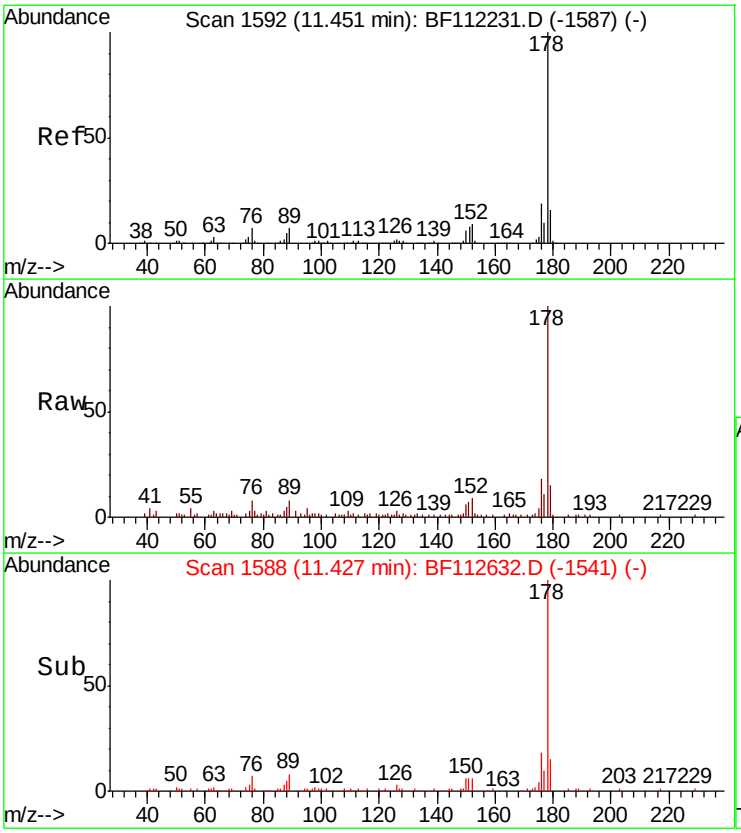
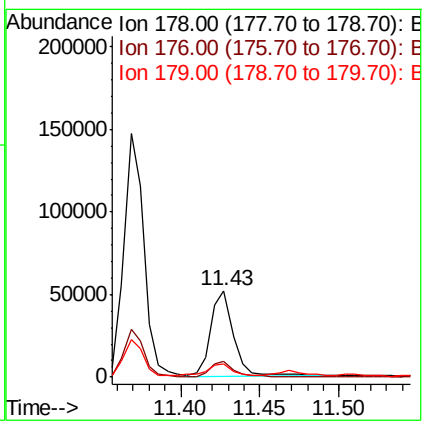
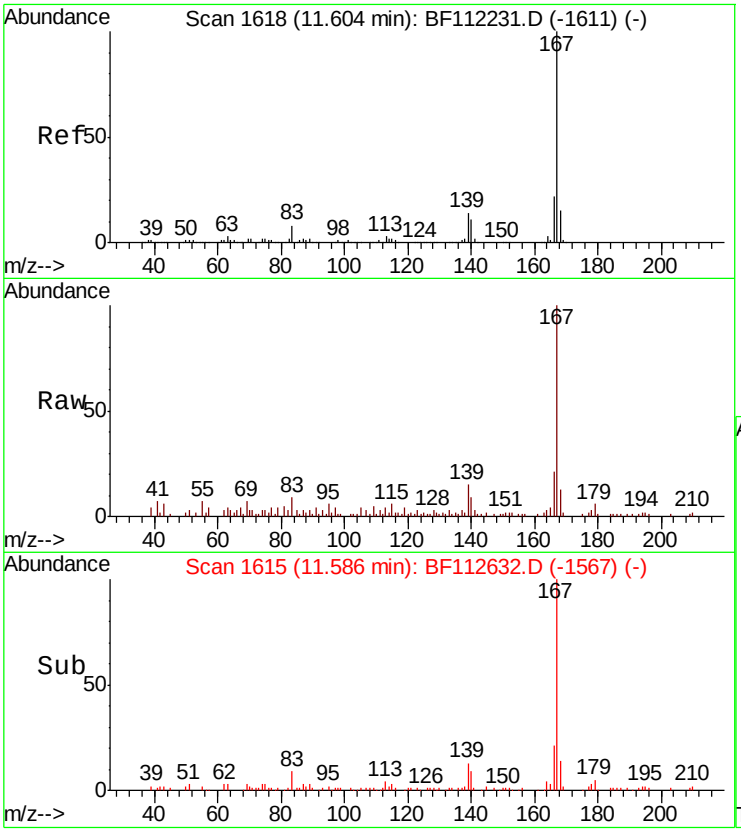


#72
Anthracene
Concen: 3.588 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:178 Resp: 52602

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	15.3	12.8	19.2

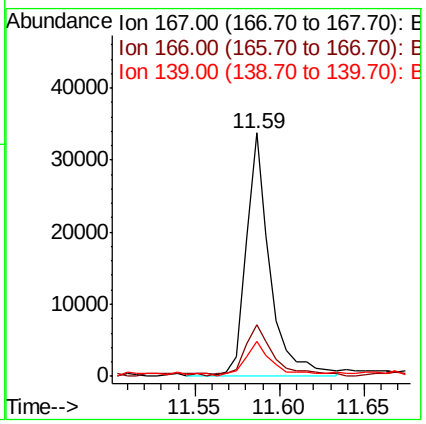




#73
Carbazole
Concen: 2.320 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:167 Resp: 33557

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.9	26.9
139	14.6	10.2	15.2



Instrument :
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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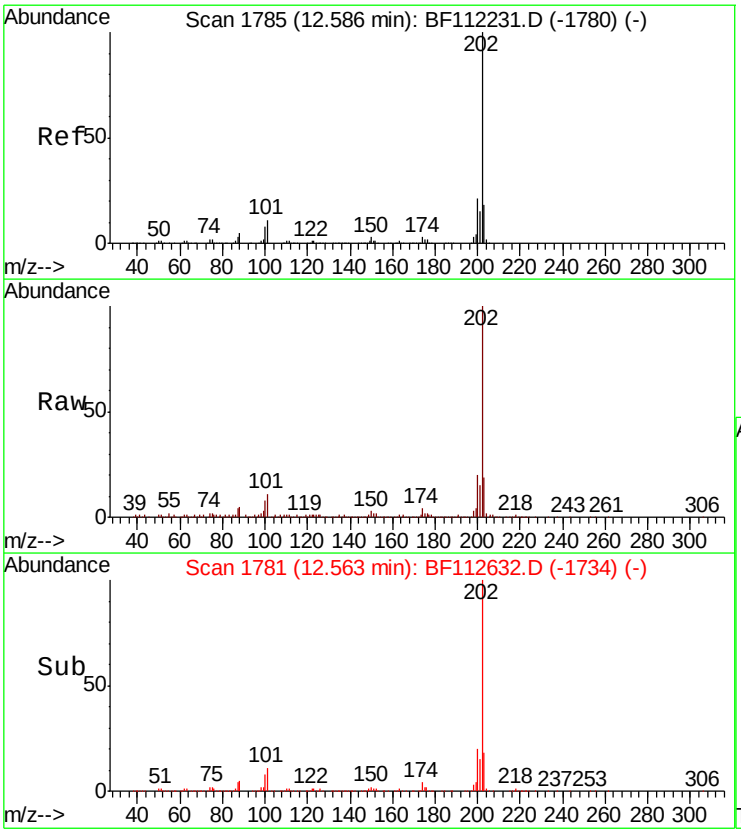
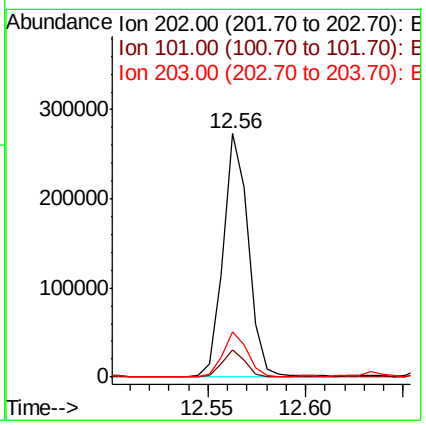
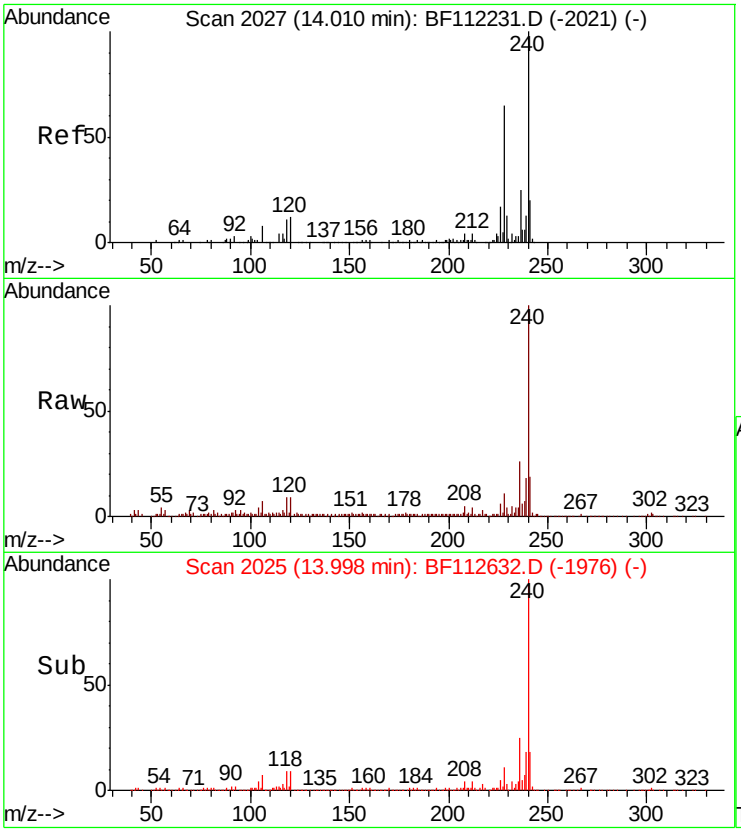


#75
Fluoranthene
Concen: 15.473 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:202 Resp: 244245

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.8
203	18.5	0.0	38.4

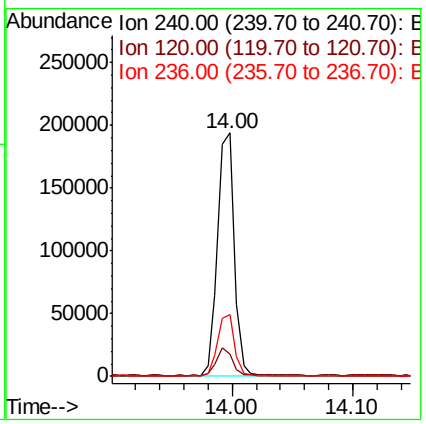




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:240 Resp: 186726

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.0	13.6
236	25.5	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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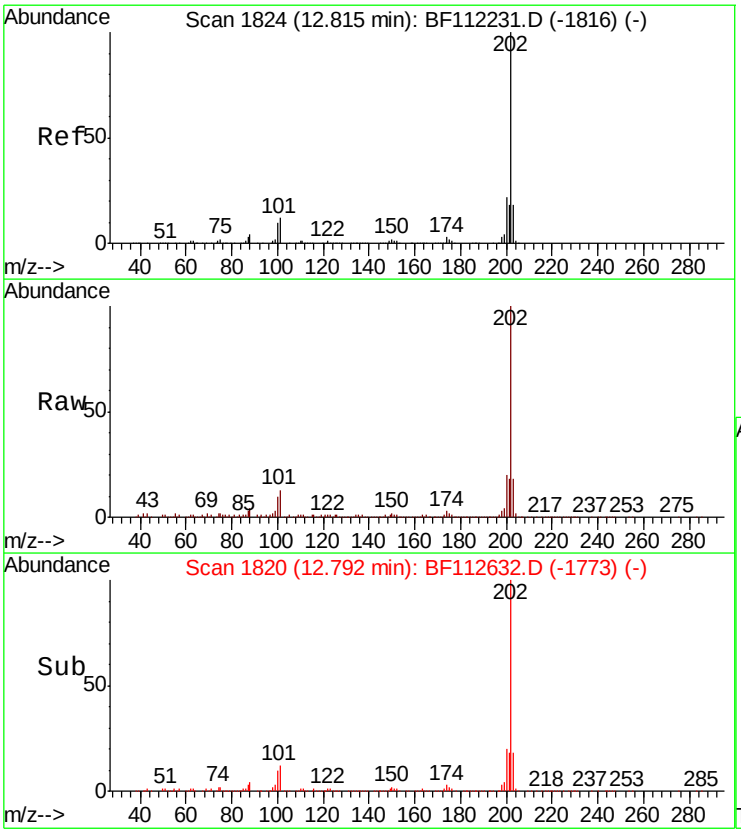
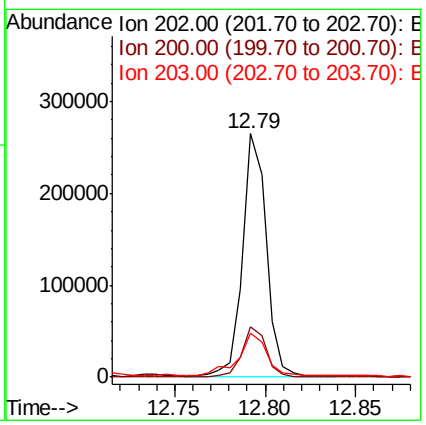
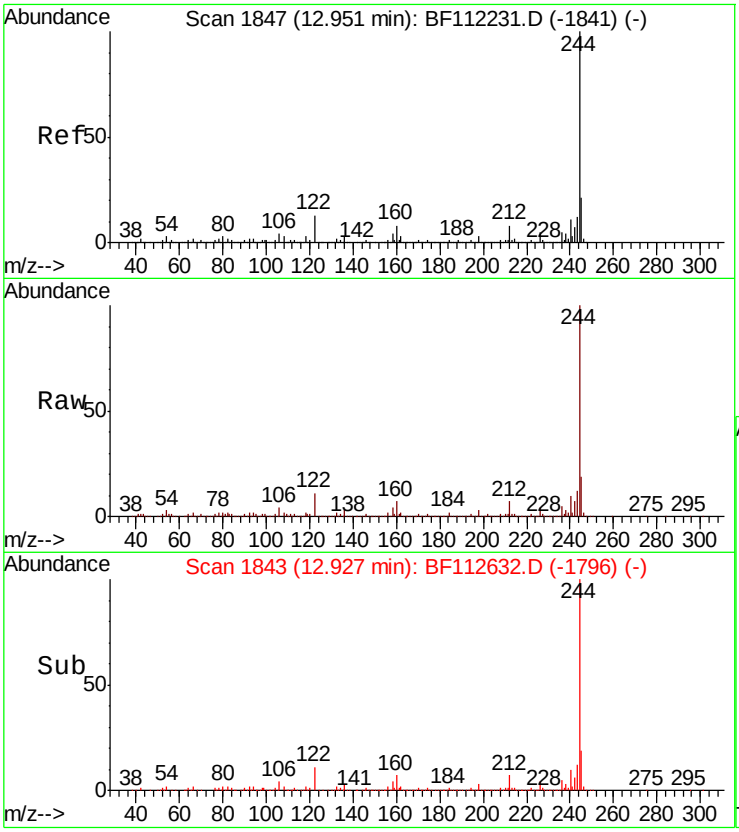


#78
Pyrene
Concen: 18.624 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:202 Resp: 240772

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.9	14.6	22.0

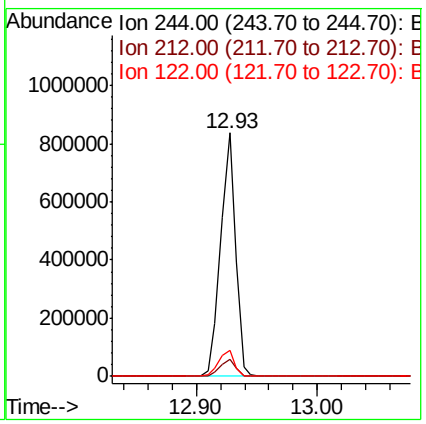




#79
Terphenyl-d14
Concen: 72.315 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:244 Resp: 716937

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.7	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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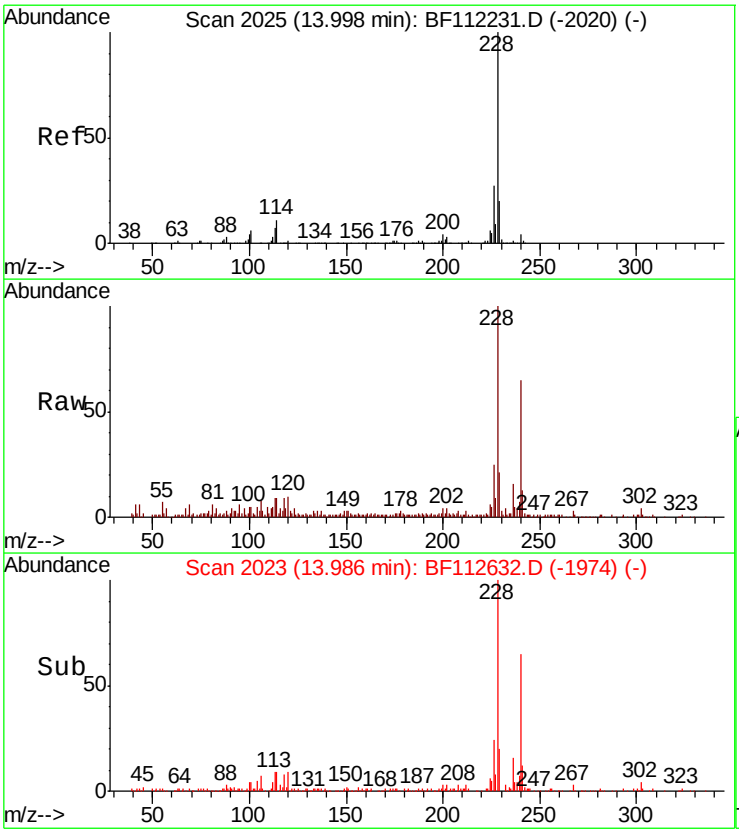
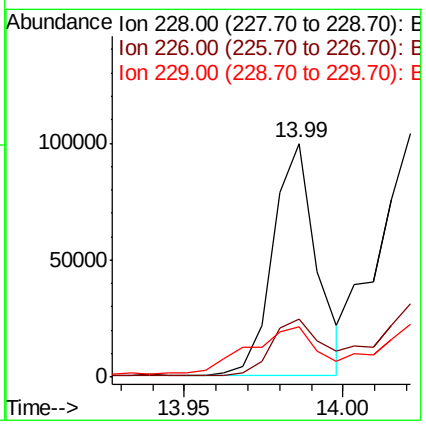
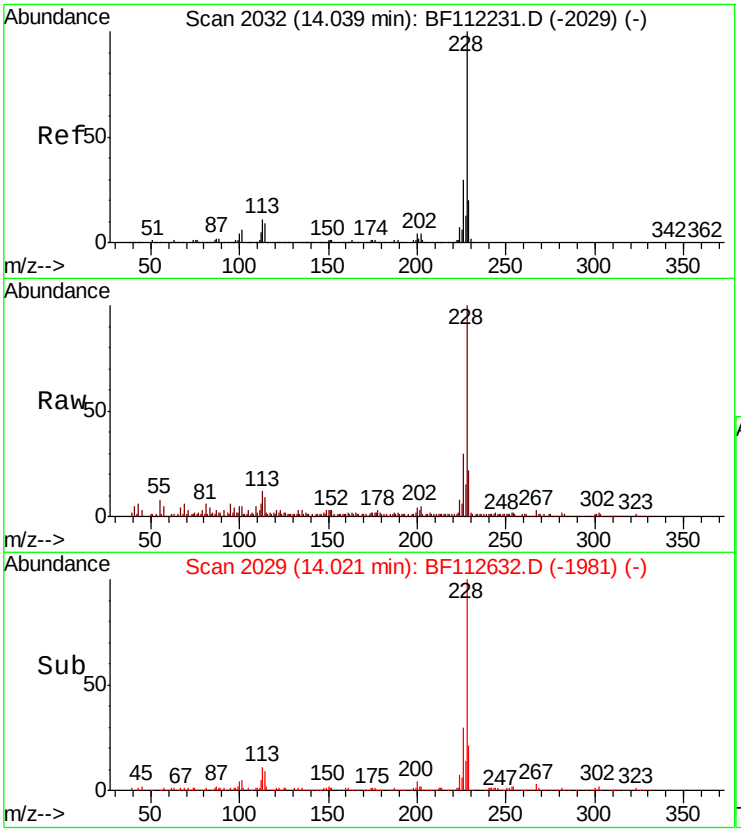


#81
Benzo(a)anthracene
Concen: 8.660 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:228 Resp: 95056

Ion	Ratio	Lower	Upper
228	100		
226	24.7	22.6	34.0
229	21.4	16.5	24.7





#83
Chrysene
Concen: 10.880 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:228 Resp: 113997

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.7	16.6	24.8

Instrument :
BNA_F
ClientSampleId :
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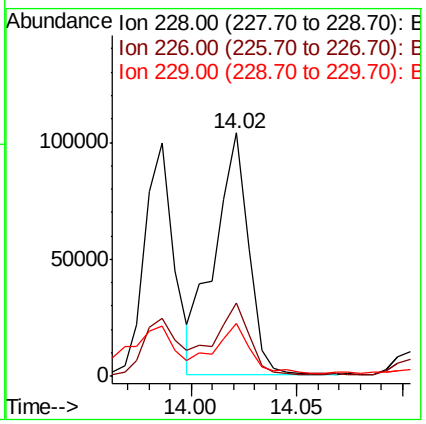
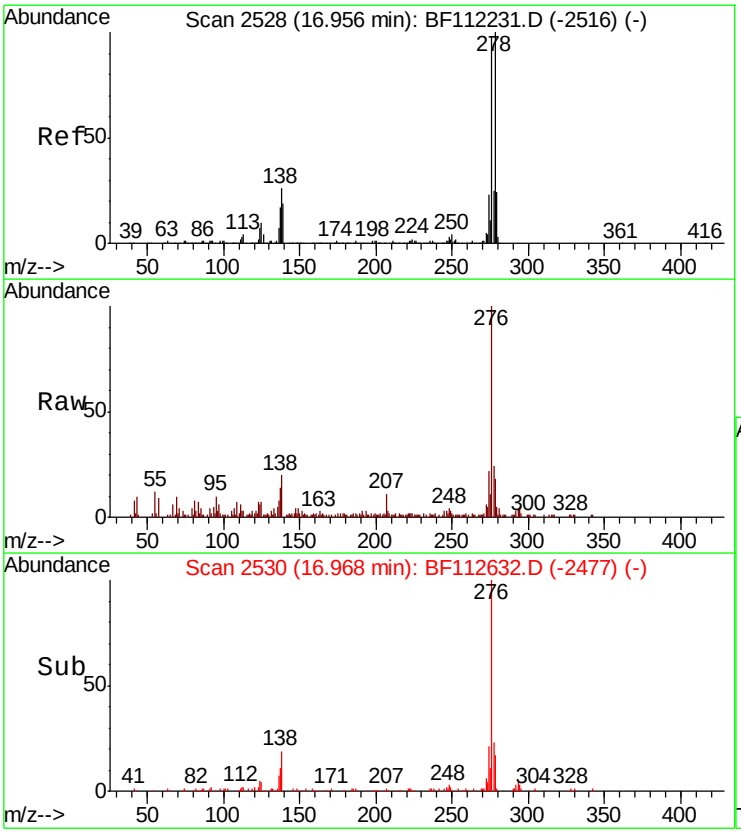
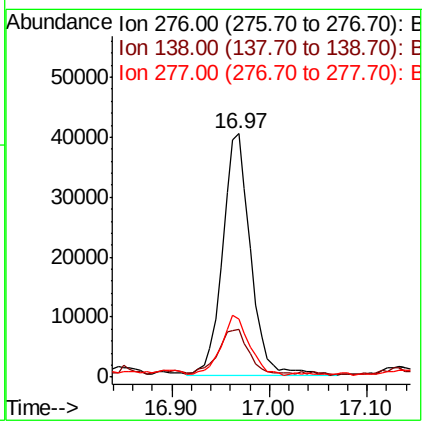


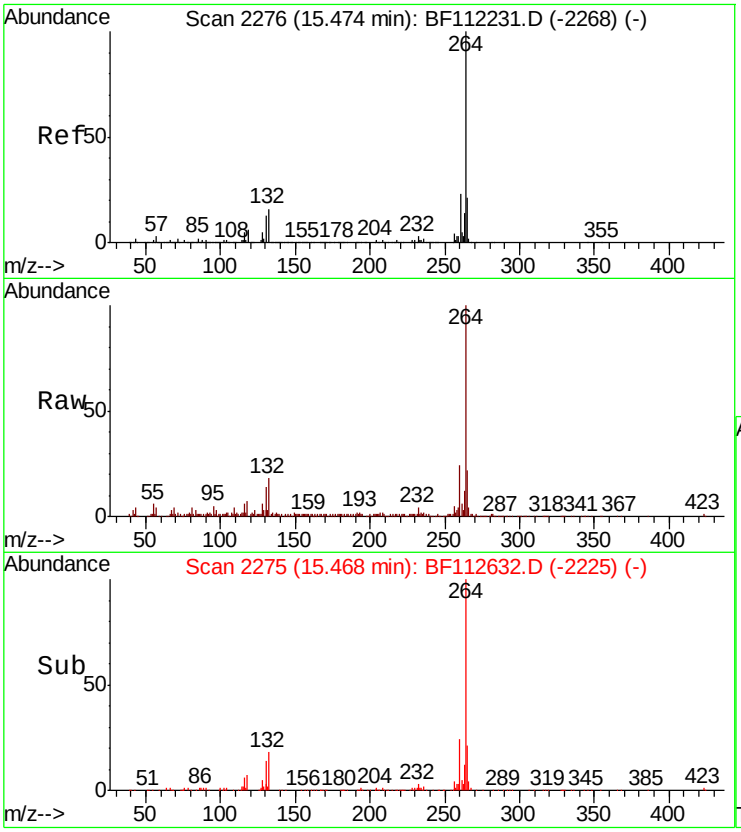


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.572 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:276 Resp: 79467

Ion	Ratio	Lower	Upper
276	100		
138	20.4	22.6	34.0#
277	24.3	20.3	30.5

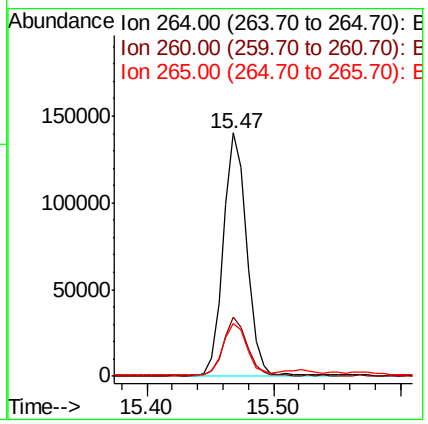




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:264 Resp: 179650

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	21.6	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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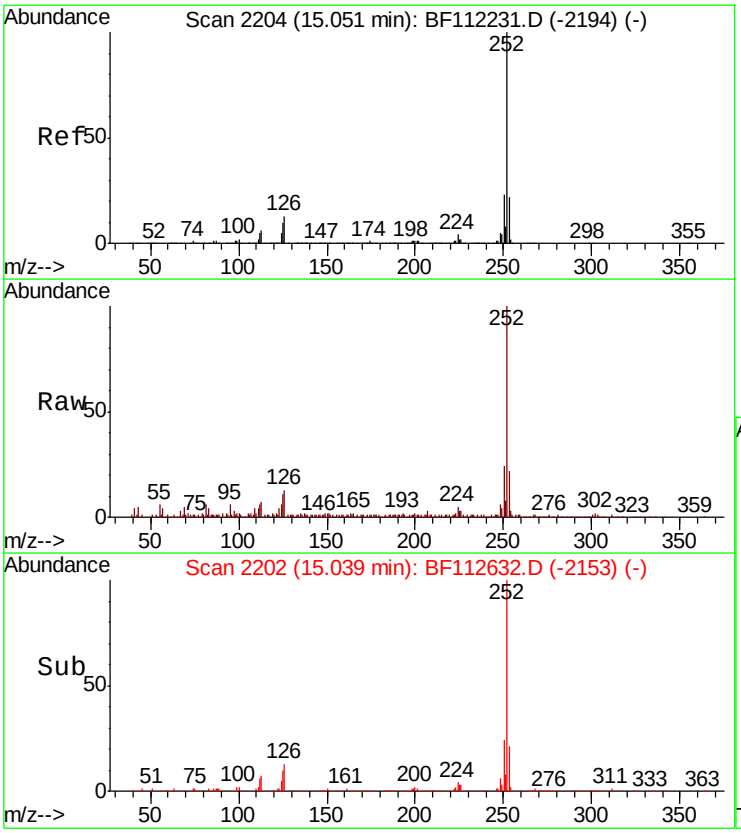
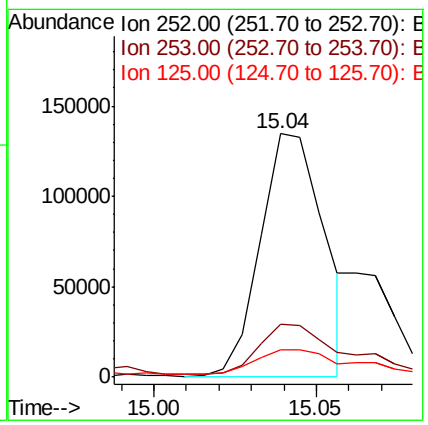
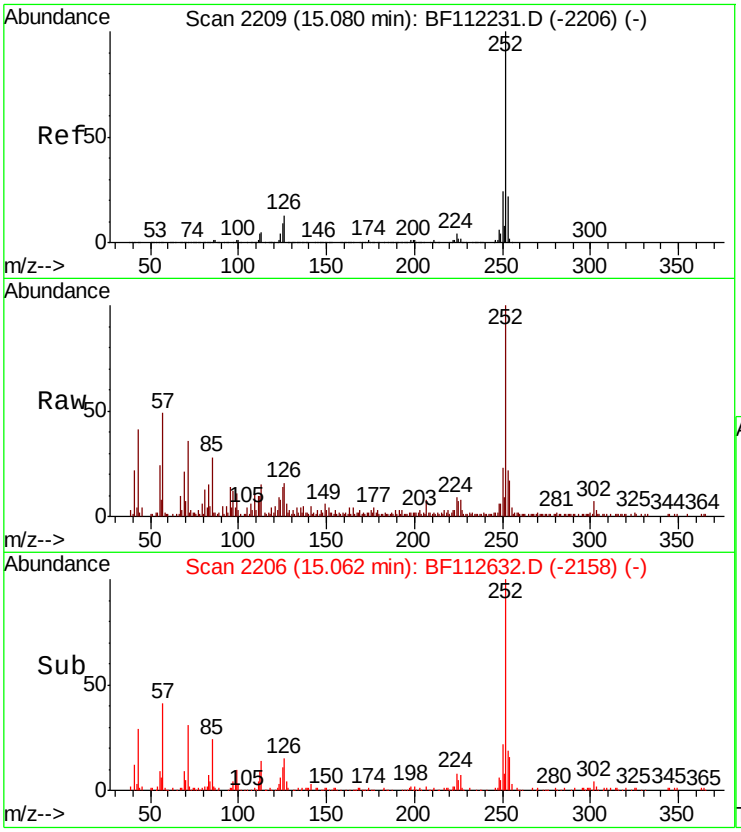


#88
Benzo(b)fluoranthene
Concen: 17.203 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:252 Resp: 184825

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.3	8.7	13.1





#89
Benzo(k)fluoranthene
Concen: 5.680 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:252 Resp: 58449

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	14.4	9.1	13.7#

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

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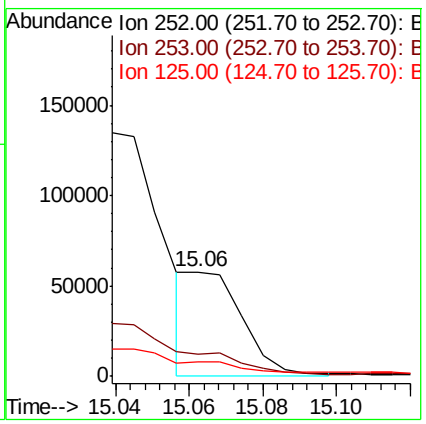
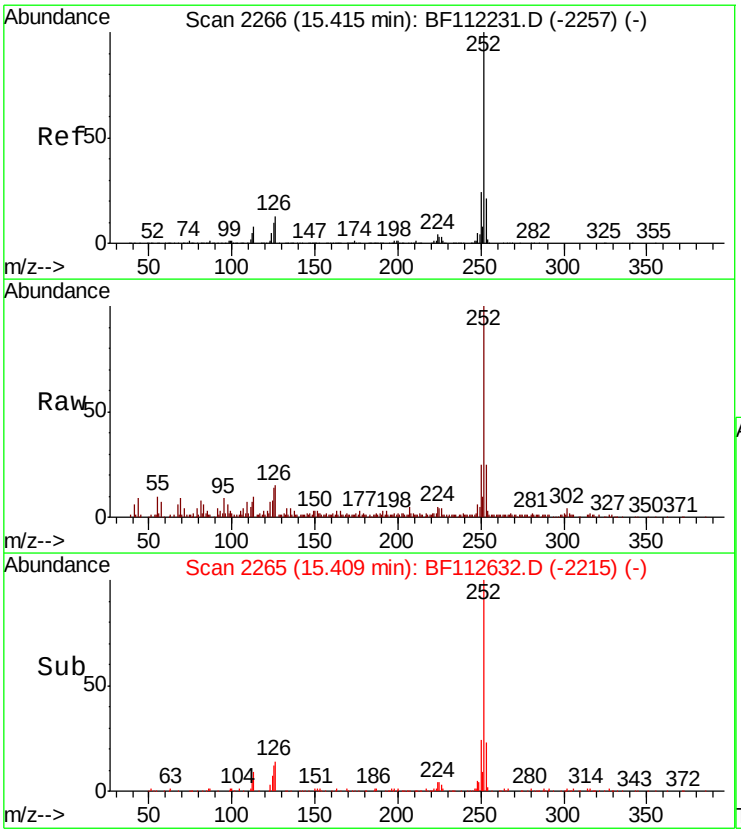
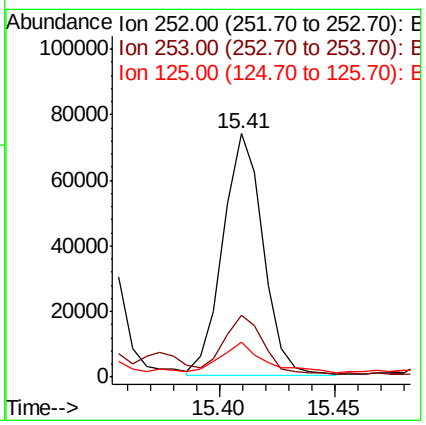


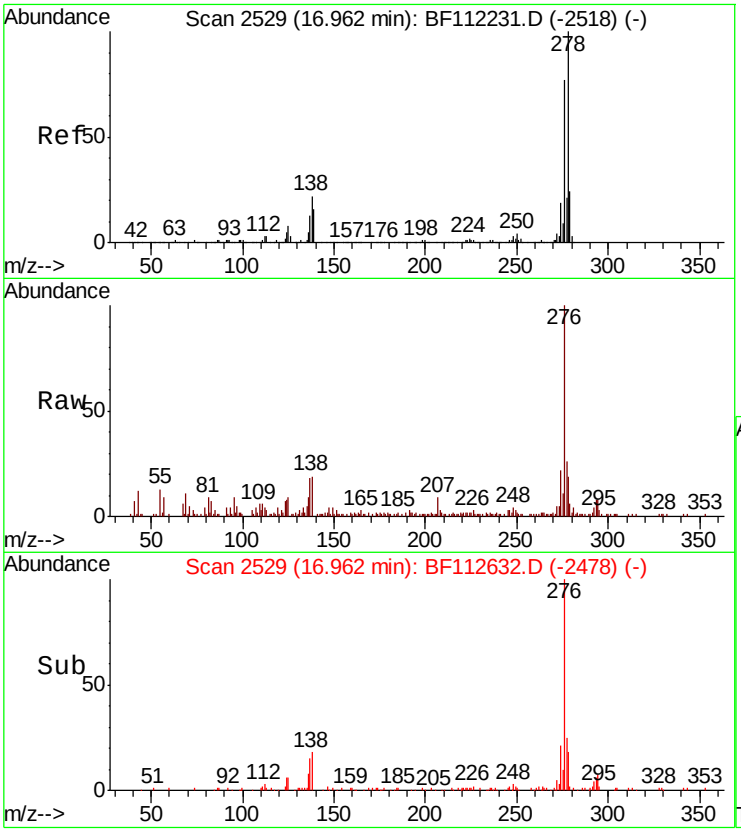


#90
Benzo(a)pyrene
Concen: 9.223 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:252 Resp: 89159

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	14.2	9.0	13.4#





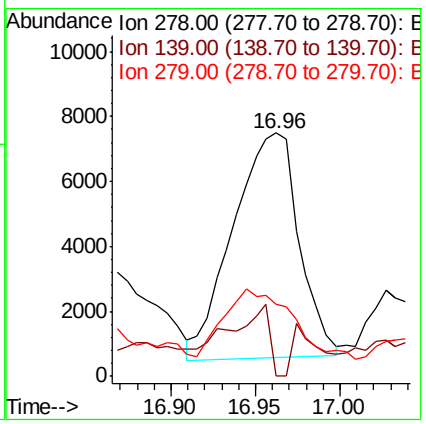
#91
Dibenzo(a,h)anthracene
Concen: 2.414 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

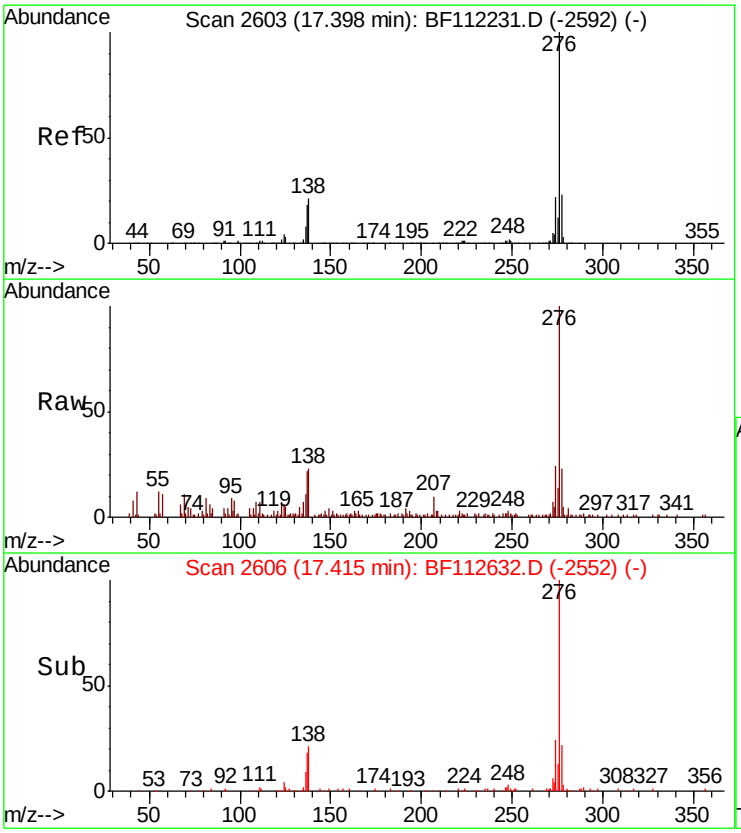
Tgt Ion:278 Resp: 18806

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.7	20.5#
279	29.8	19.0	28.6#

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

Manual Integrations APPROVED
Sohil
2/20/2019 11:12:50 AM





#92
Benzo(g,h,i)perylene
Concen: 10.653 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.02 min
Lab File: BF112632.D
Acq: 19 Feb 2019 20:30

Tgt Ion:276 Resp: 78308

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.4	29.0
138	22.5	19.1	28.7