Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
Data File : BF099702.D
Acq On : 20 Oct 2017 15:52
Operator : SJ/JU
Sample : I5929-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 22 00:12:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	99279	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	414026	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	182651	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	268952	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	164822	20.00	ng	0.00
86) Perylene-d12	15.44	264	186783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	628979	100.85	ng	0.00
7) Phenol-d6	6.46	99	743743	96.67	ng	0.00
23) Nitrobenzene-d5	7.38	82	435203	67.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	138519	92.68	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	796755	72.82	ng	0.00
78) Terphenyl-d14	12.92	244	461141	63.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	35275	4.100	ng	98
70) Phenanthrene	11.36	178	99193	6.890	ng	97
74) Fluoranthene	12.55	202	201006	13.788	ng	97
77) Pyrene	12.78	202	149374	11.885	ng	98
80) Benzo(a)anthracene	13.97	228	36980	3.705	ng	99
82) Chrysene	14.00	228	30549	3.215	ng	96
87) Benzo(b)fluoranthene	15.02	252	27721m	2.414	ng	

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

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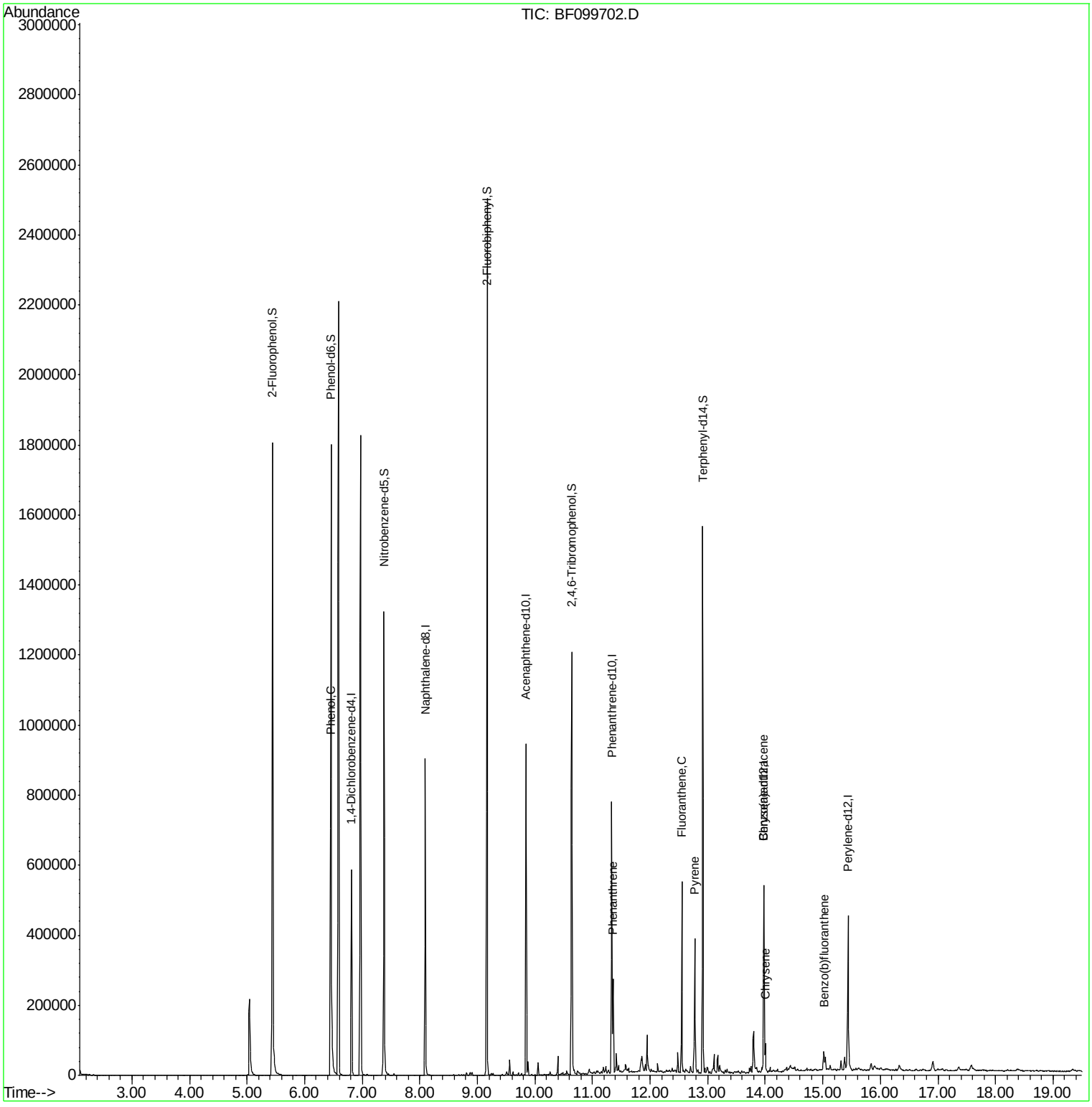
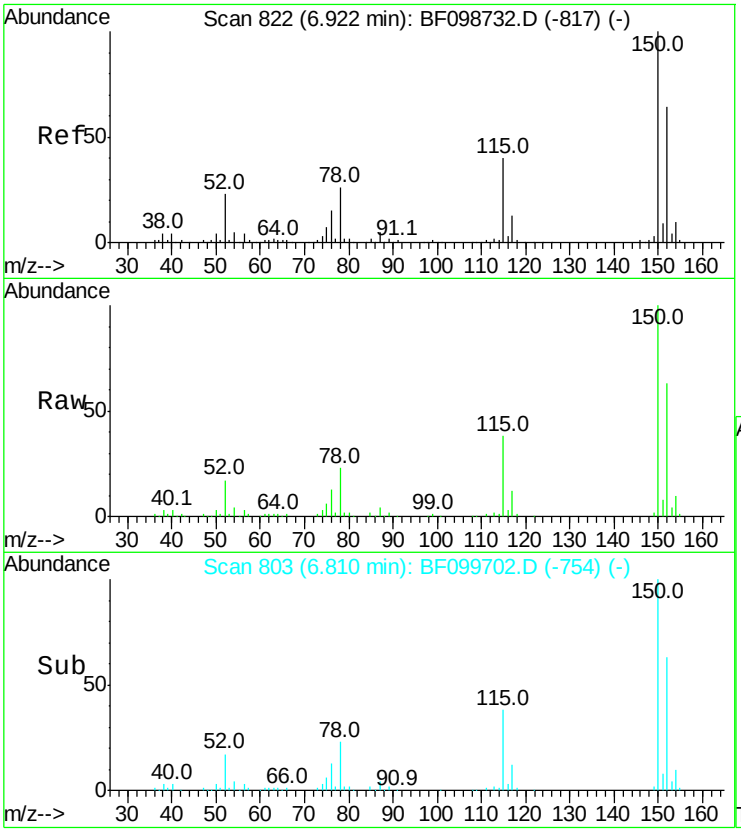
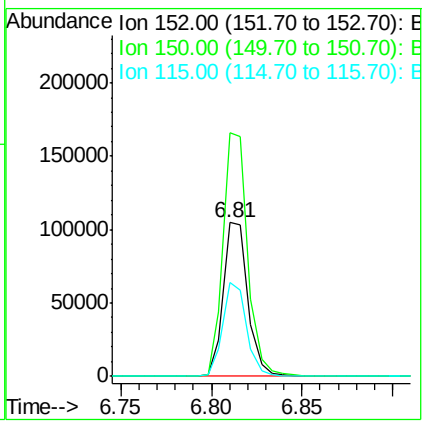




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:152 Resp: 99279

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	60.9	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
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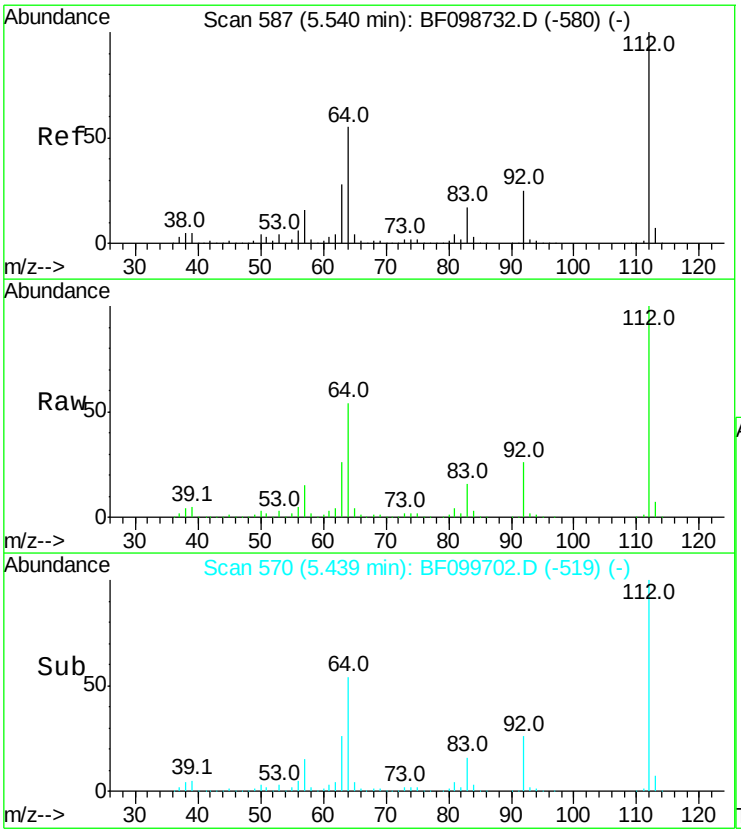
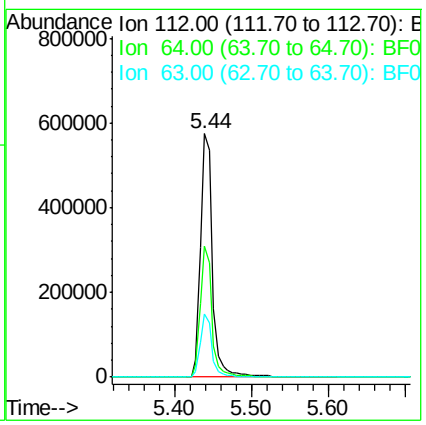
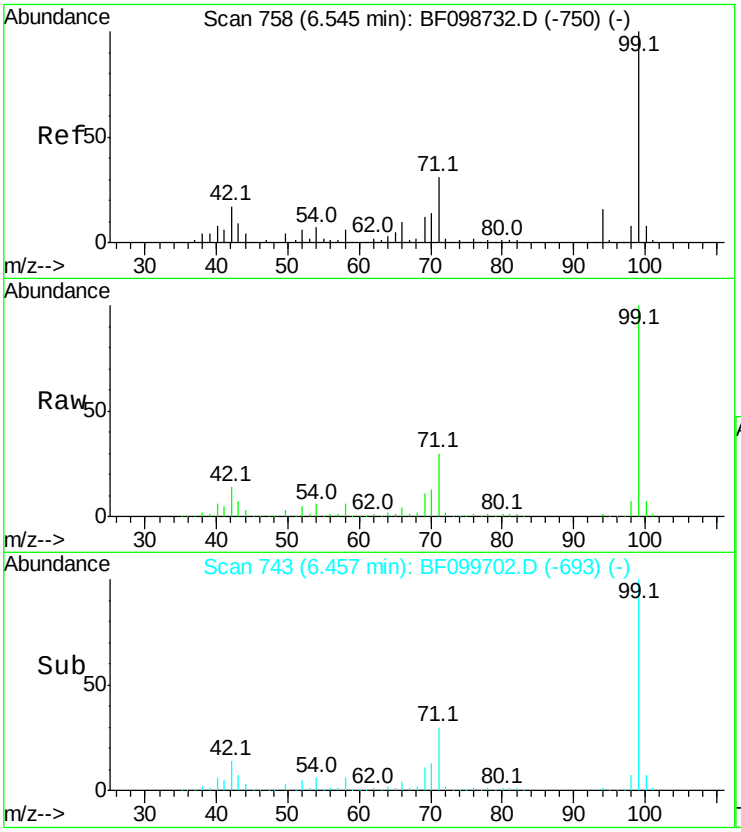


#5
2-Fluorophenol
Concen: 100.854 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:112 Resp: 628979

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	26.0	23.7	35.5

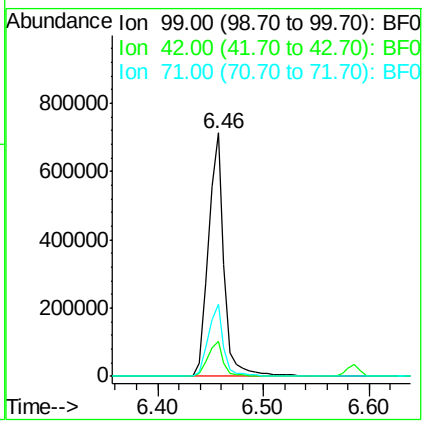




#7
Phenol-d6
Concen: 96.672 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion: 99 Resp: 743743

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	29.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

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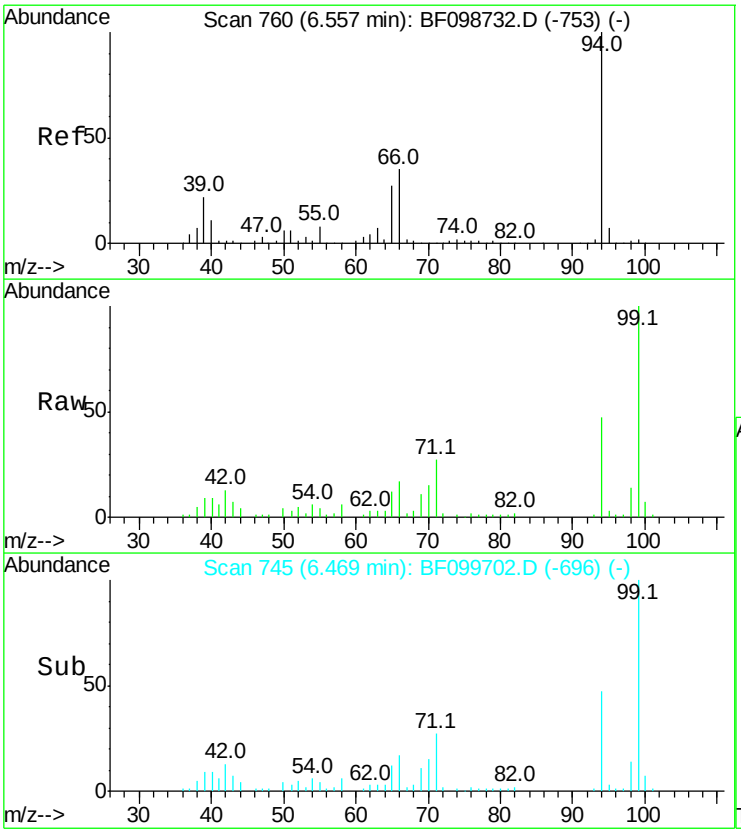
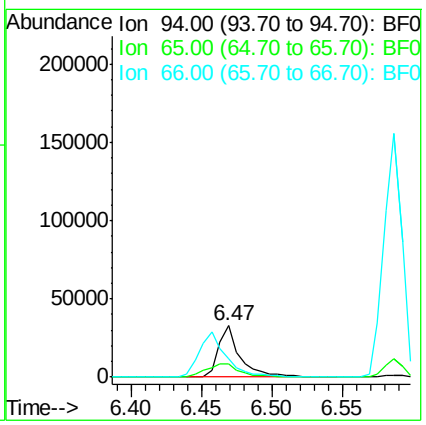
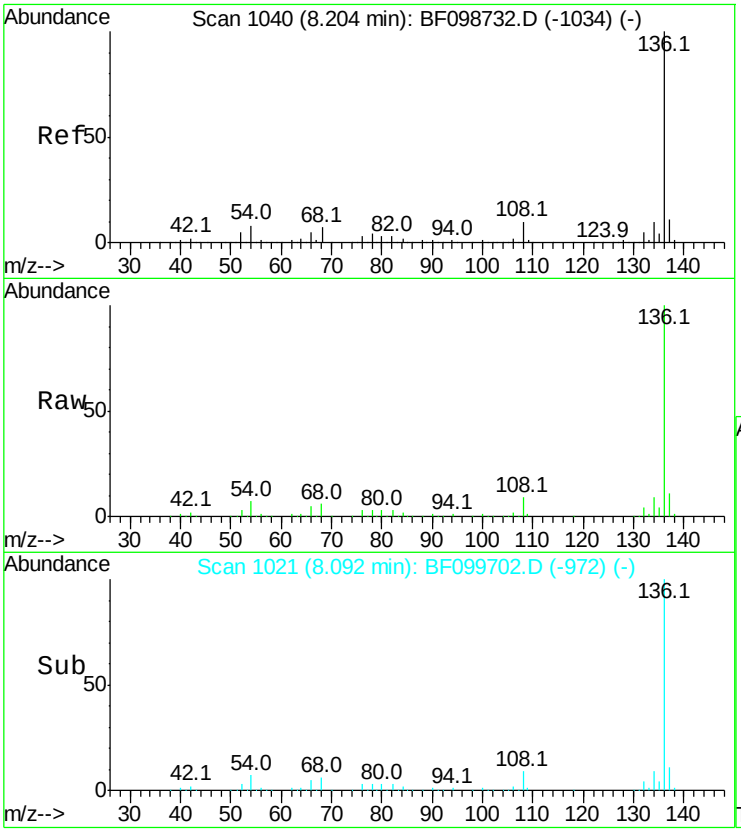


#10
Phenol
Concen: 4.100 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion: 94 Resp: 35275

Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	36.4	16.2	56.2

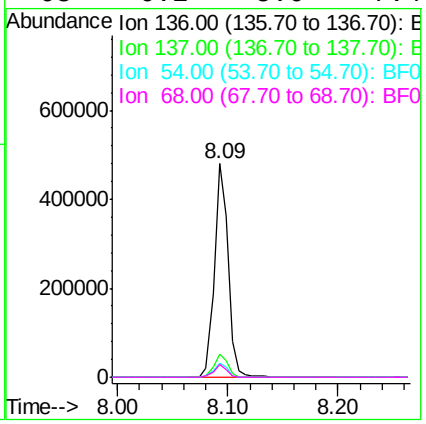




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:136 Resp: 414026

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	6.2	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Manual Integrations APPROVED
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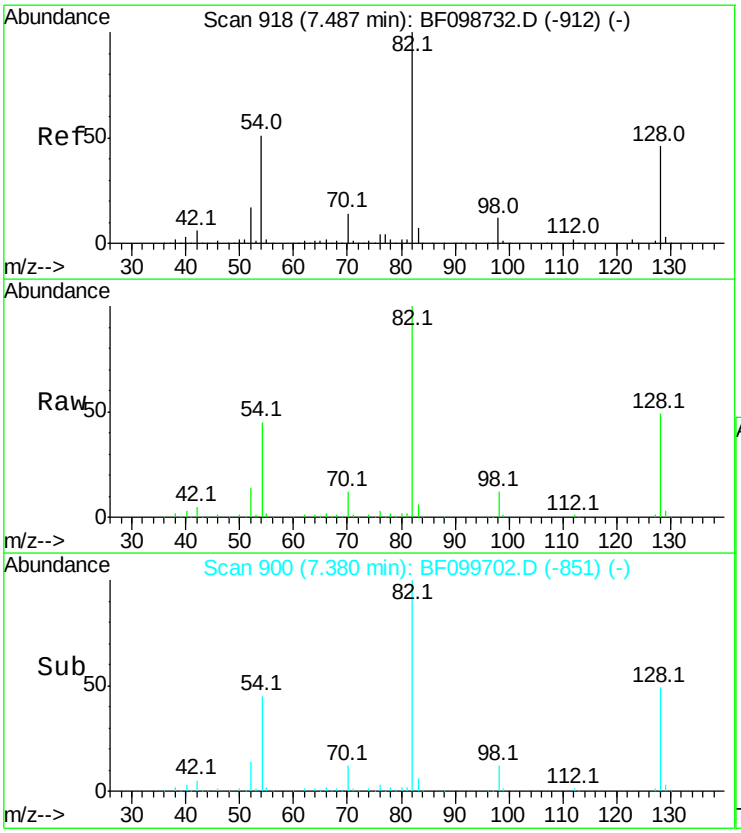
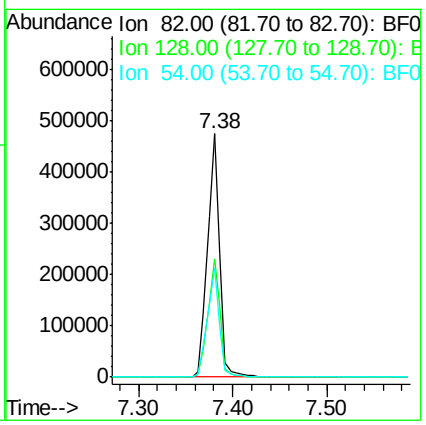
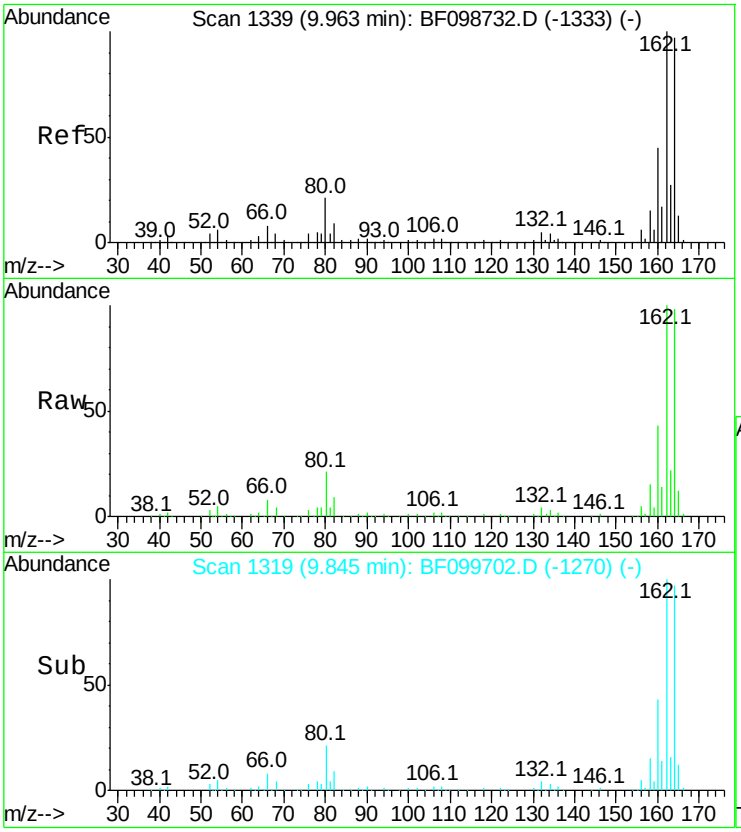


#23
Nitrobenzene-d5
Concen: 67.410 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion: 82 Resp: 435203

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	44.9	41.4	62.2

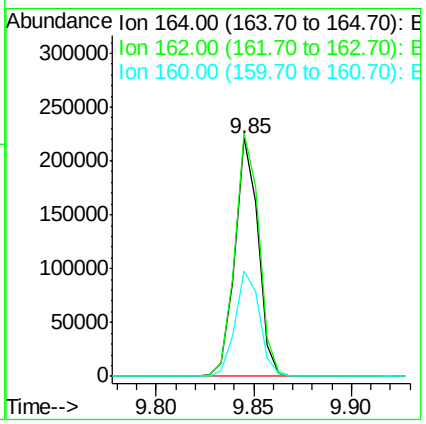




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:164 Resp: 182651

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	44.4	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

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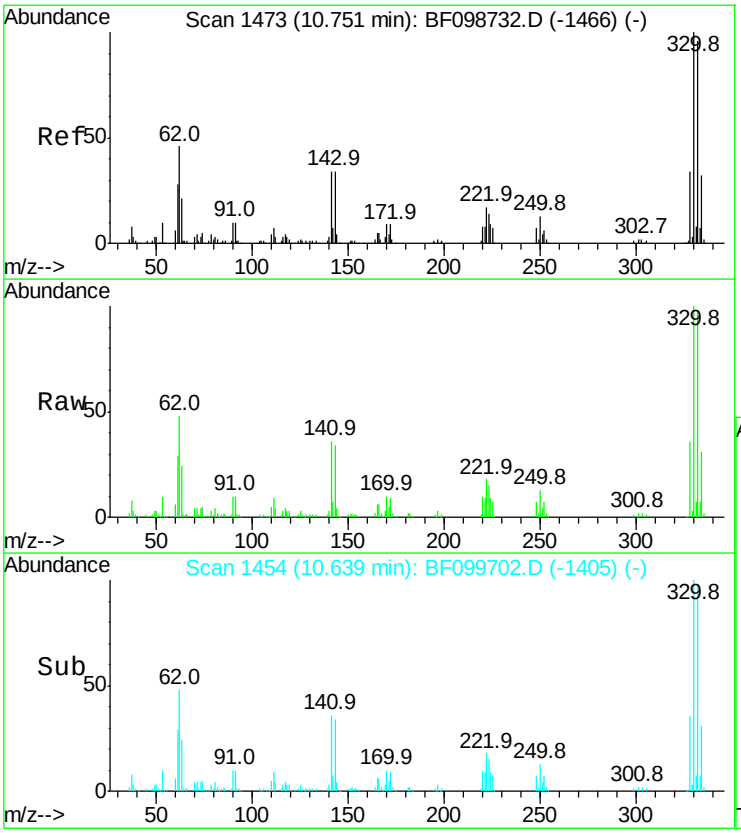
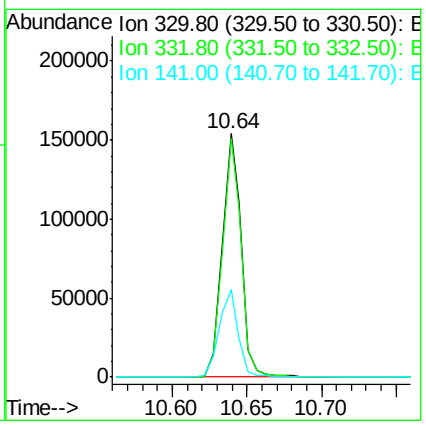
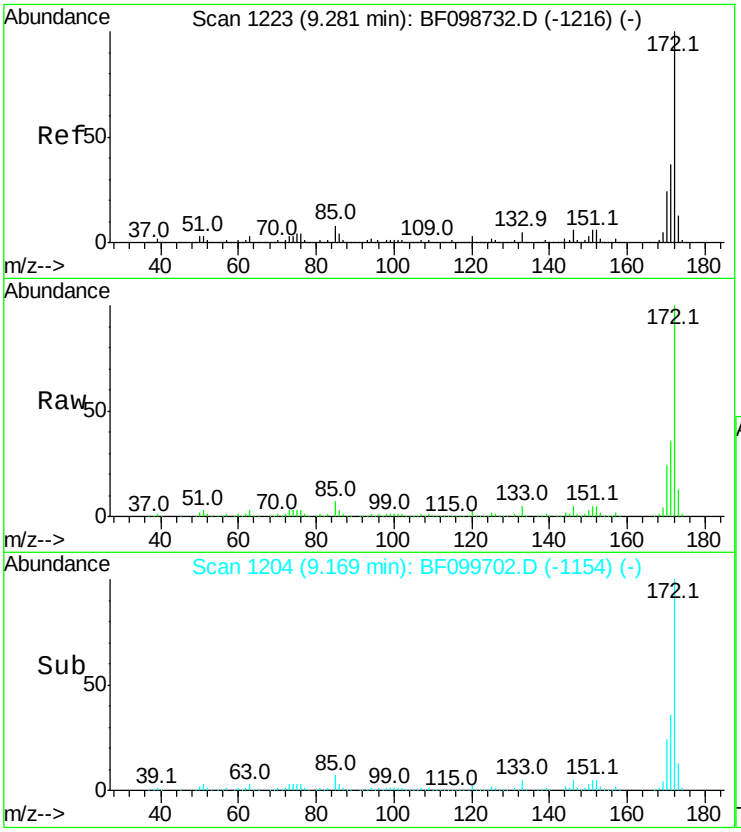


#41
2,4,6-Tribromophenol
Concen: 92.681 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:330 Resp: 138519

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.3	29.9	44.9

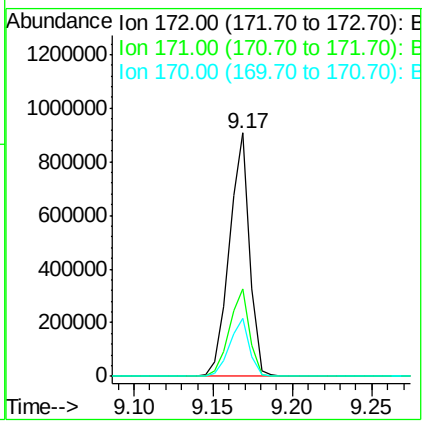




#44
2-Fluorobiphenyl
Concen: 72.823 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:172 Resp: 796755

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
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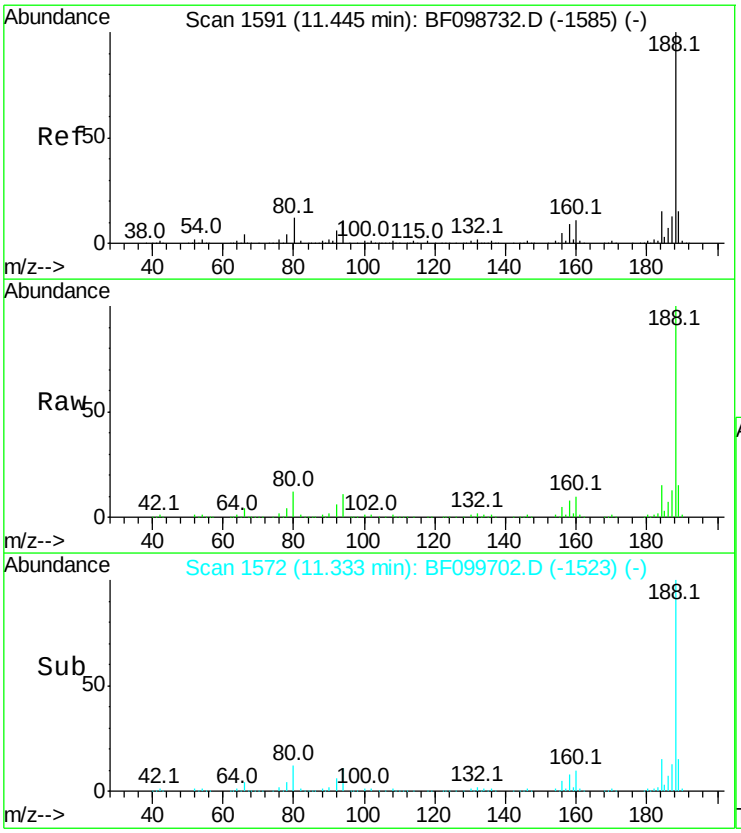
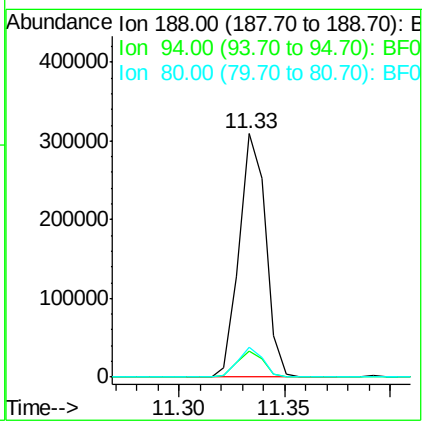
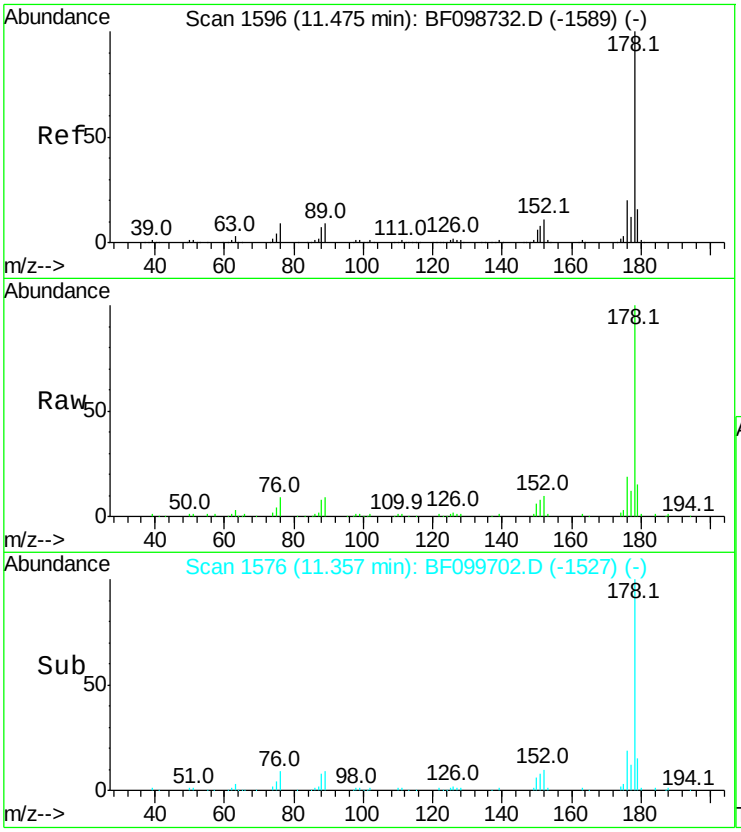


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:188 Resp: 268952

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.4	9.2	13.8

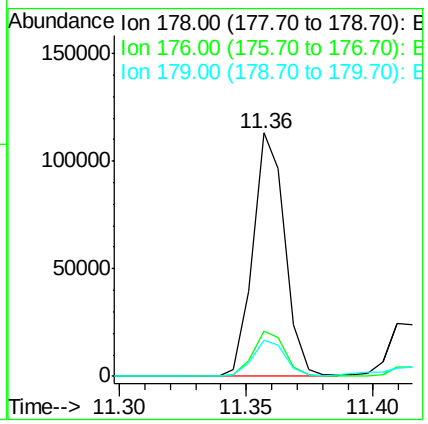




#70
Phenanthrene
Concen: 6.890 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:178 Resp: 99193

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.7	13.0	19.6



Instrument :
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ClientSampleId :
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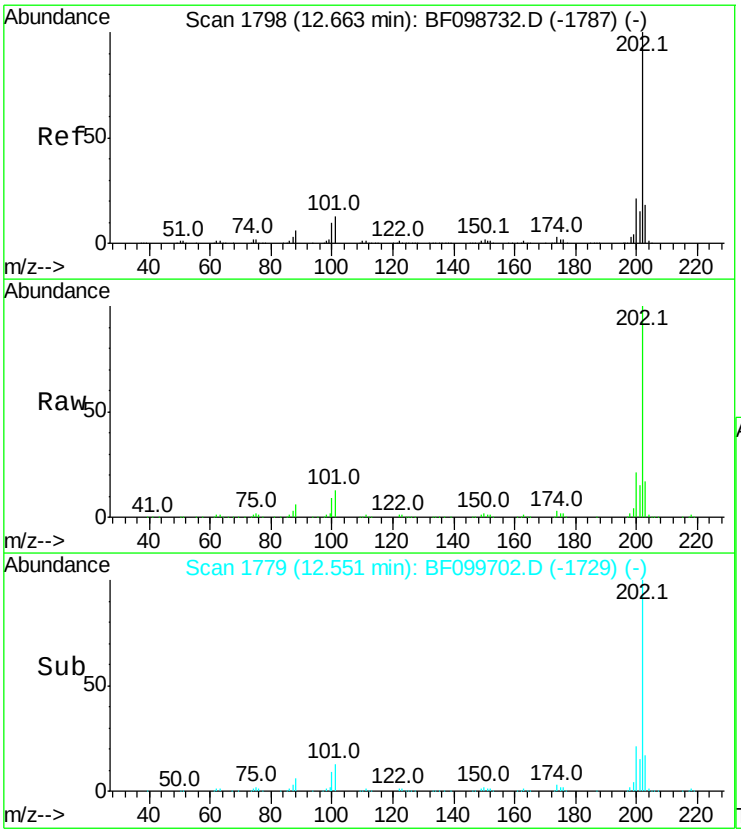
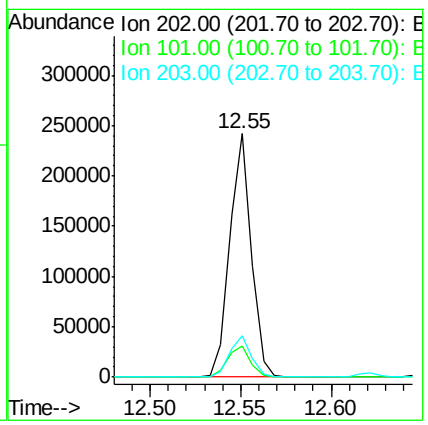
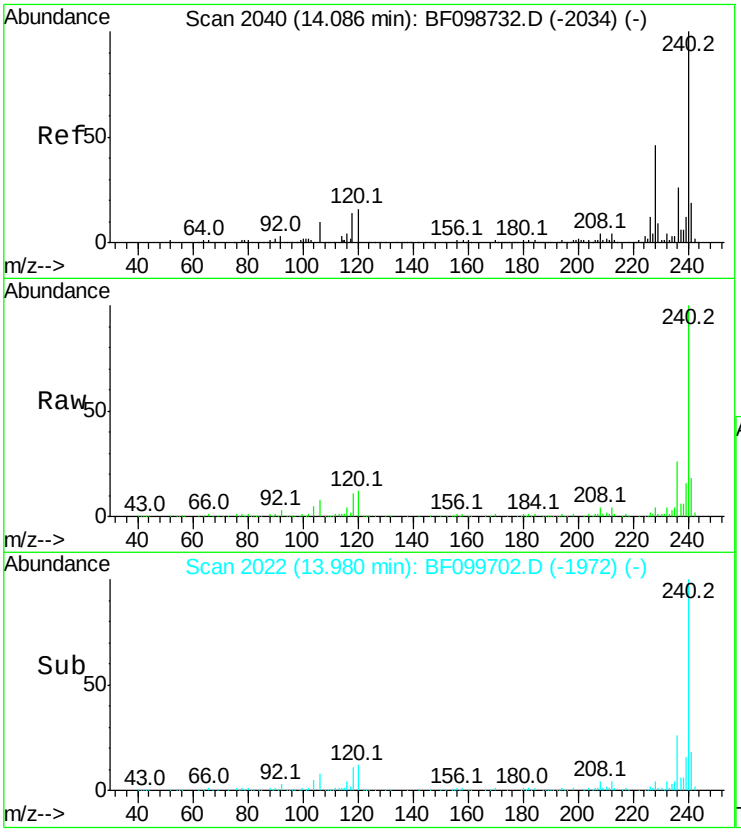


#74
Fluoranthene
Concen: 13.788 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:202 Resp: 201006

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.2	0.0	38.1

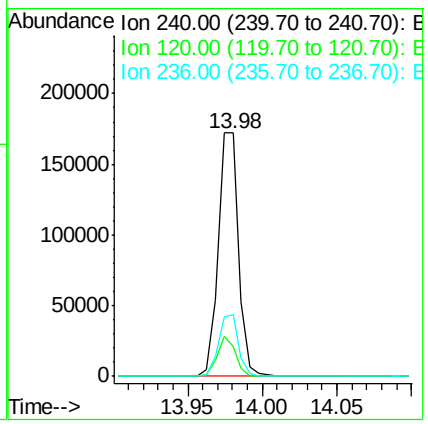




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:240 Resp: 164822

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	20.7	31.1



Instrument :
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ClientSampleId :
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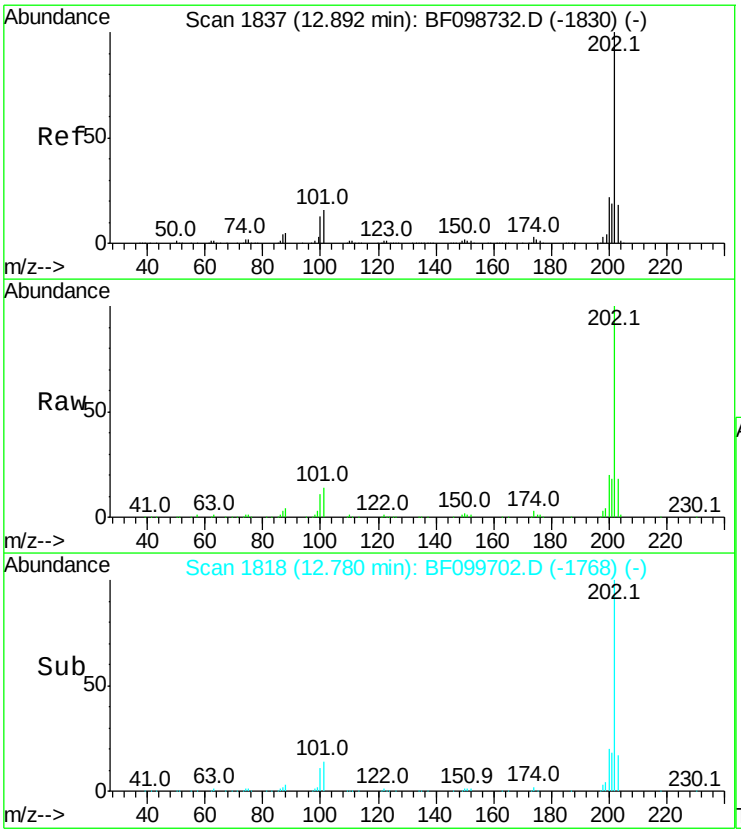
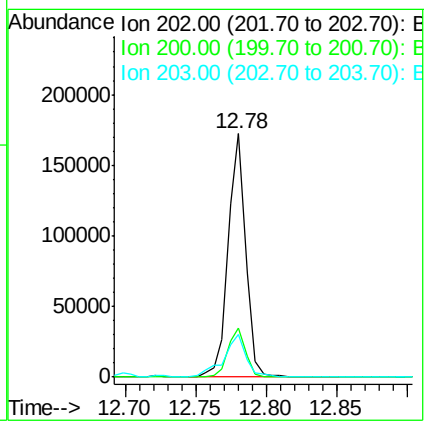
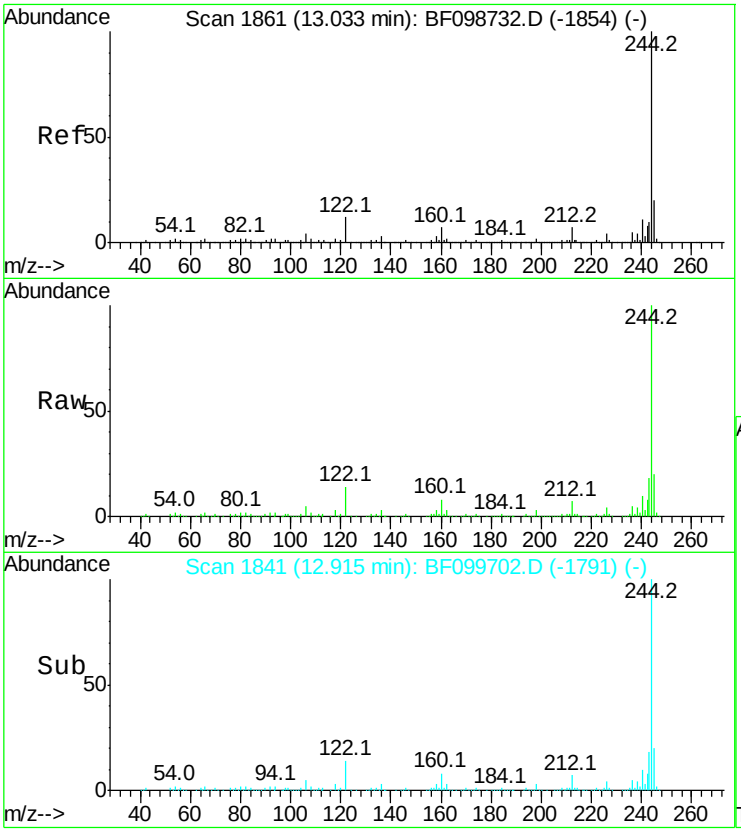


#77
Pyrene
Concen: 11.885 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:202 Resp: 149374

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.6	14.3	21.5

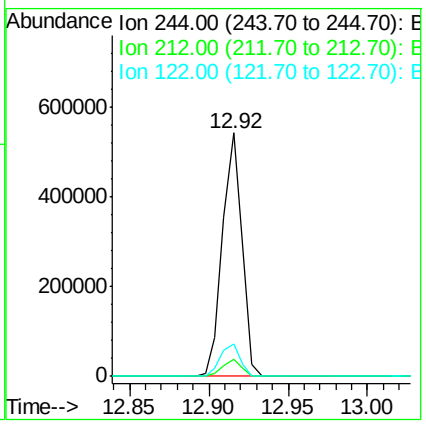




#78
Terphenyl-d14
Concen: 63.628 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:244 Resp: 461141

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.6	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

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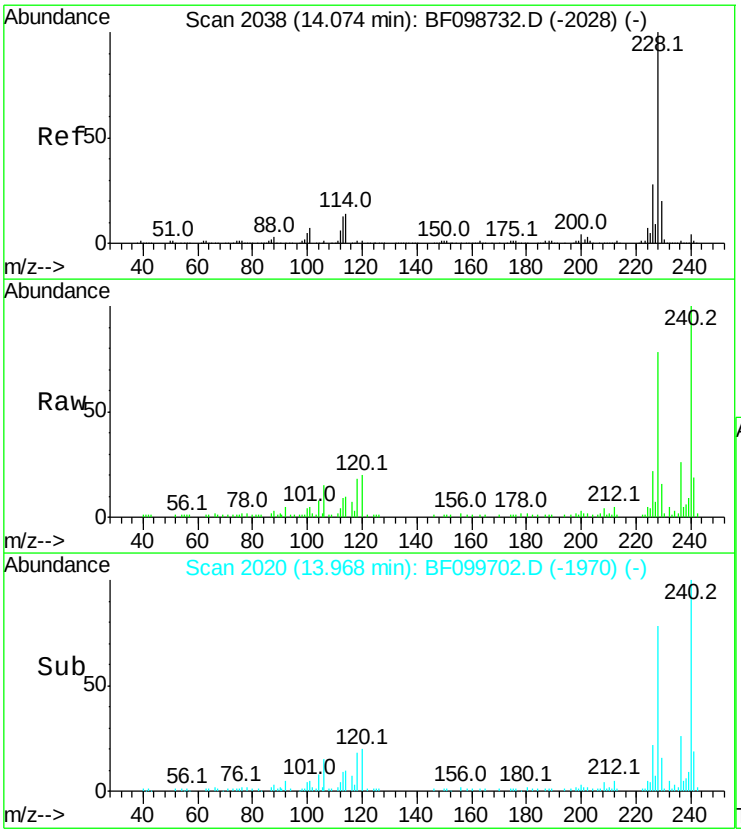
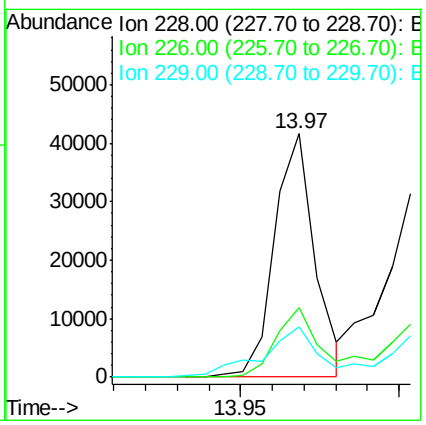
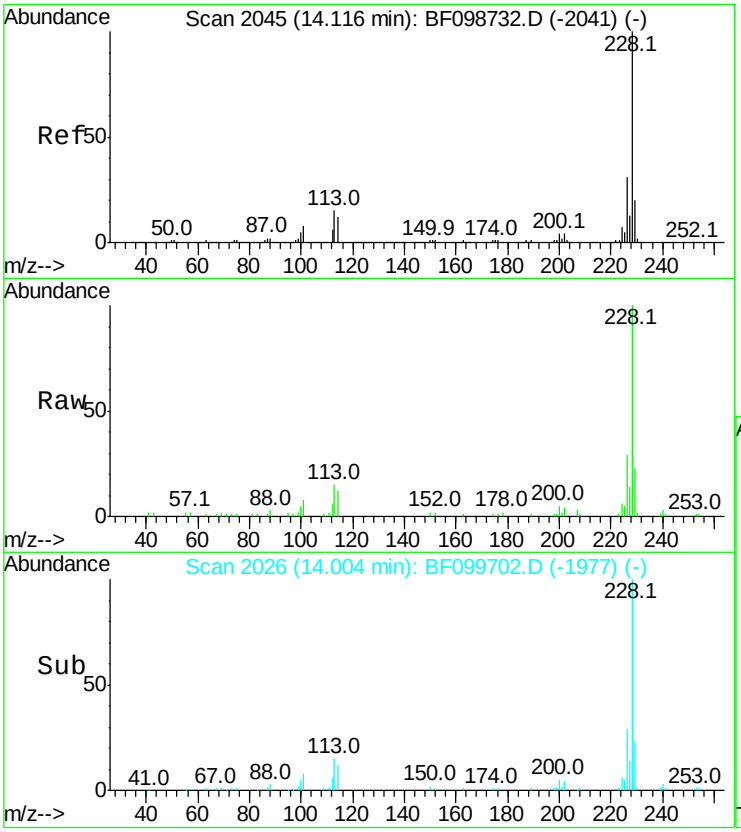


#80
Benzo(a)anthracene
Concen: 3.705 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:228 Resp: 36980

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.8	15.8	23.6





#82
Chrysene
Concen: 3.215 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:228 Resp: 30549

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	22.5	16.2	24.4

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Manual Integrations APPROVED
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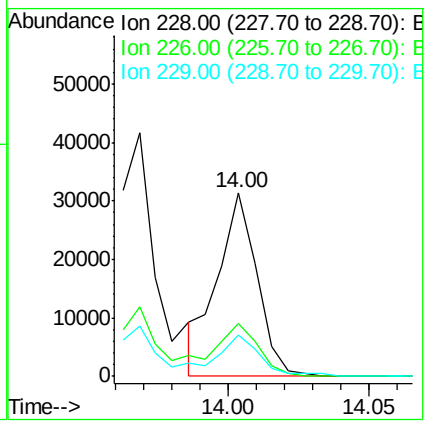
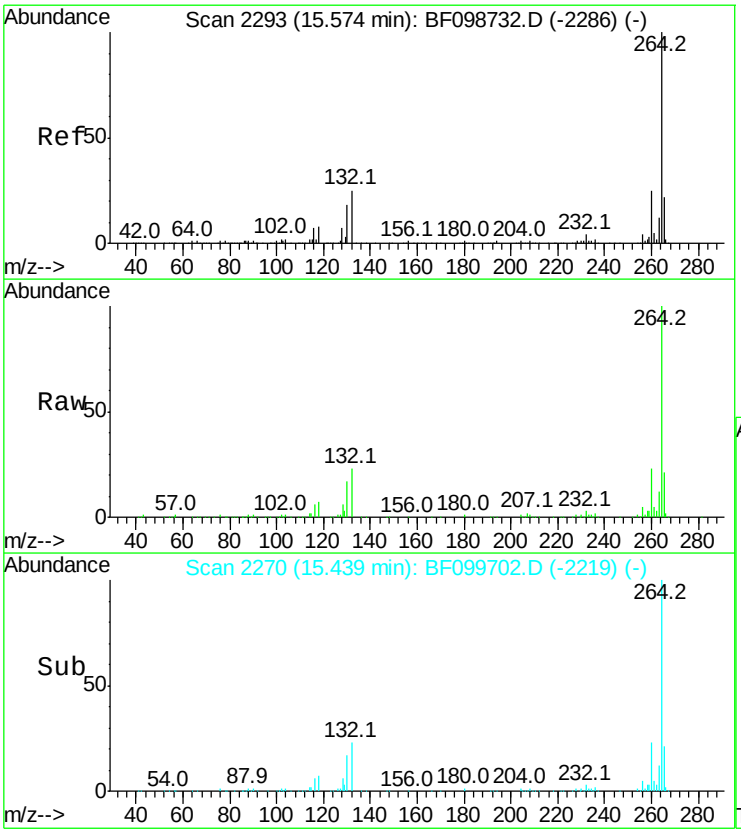
10/23/2017 3:26:15 PM

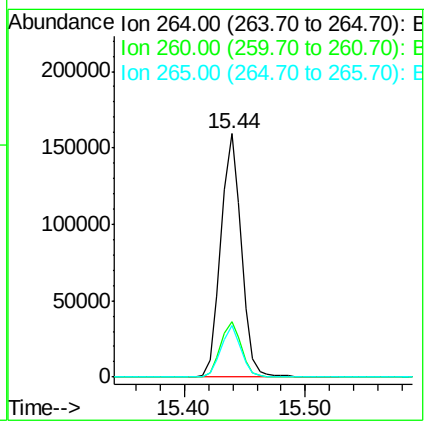


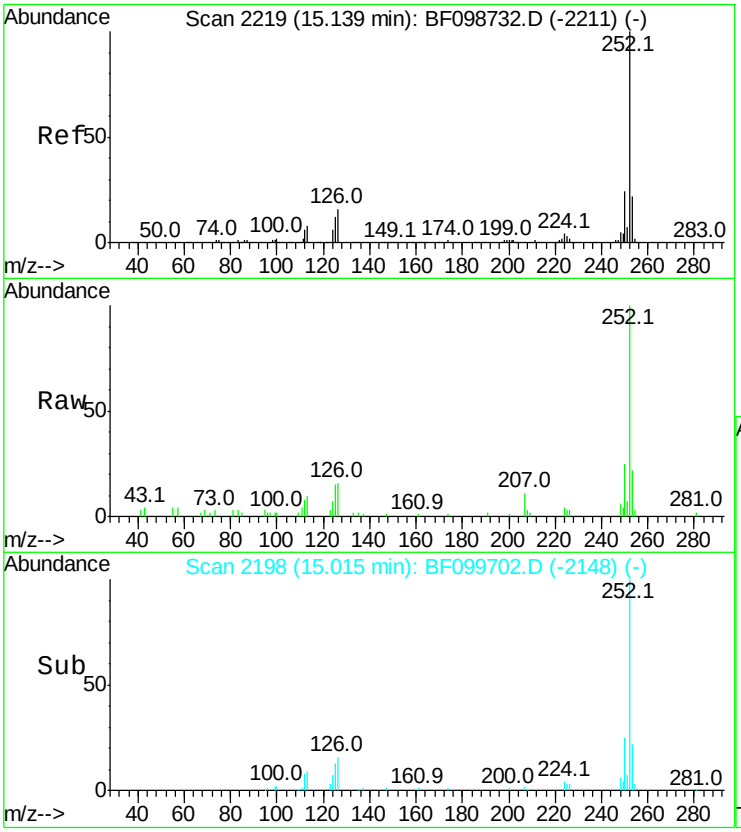


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:264 Resp: 186783

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.2	17.5	26.3

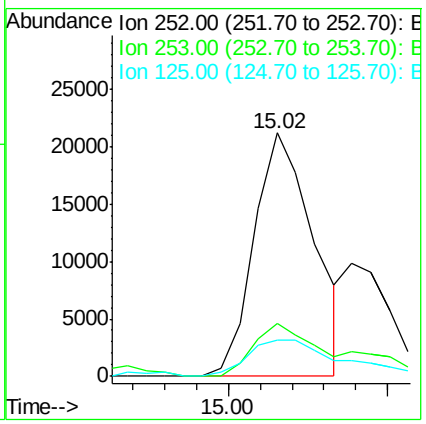




#87
Benzo(b)fluoranthene
Concen: 2.414 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099702.D
Acq: 20 Oct 2017 15:52

Tgt Ion:252 Resp: 27721

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	14.6	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Manual Integrations APPROVED
Sohil
10/23/2017 3:26:15 PM