

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101875.D
 Acq On : 3 Jan 2018 22:05
 Operator : SJ/JU
 Sample : J1004-14 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:45 PM

Quant Time: Jan 04 04:11:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103321	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	352129	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	132761	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	260292	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	259164	20.00	ng	-0.02
86) Perylene-d12	15.42	264	196192	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	130087	18.75	ng	0.01
7) Phenol-d6	6.45	99	162421	18.82	ng	0.01
23) Nitrobenzene-d5	7.36	82	83550	13.21	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	23248	18.17	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	132039	15.43	ng	-0.01
78) Terphenyl-d14	12.88	244	131183	12.20	ng	-0.02
Target Compounds						
70) Phenanthrene	11.33	178	30030	2.075	ng	99
74) Fluoranthene	12.52	202	56773	3.737	ng	99
77) Pyrene	12.76	202	55637	2.860	ng	97
87) Benzo(b)fluoranthene	15.00	252	26687m	2.232	ng	

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

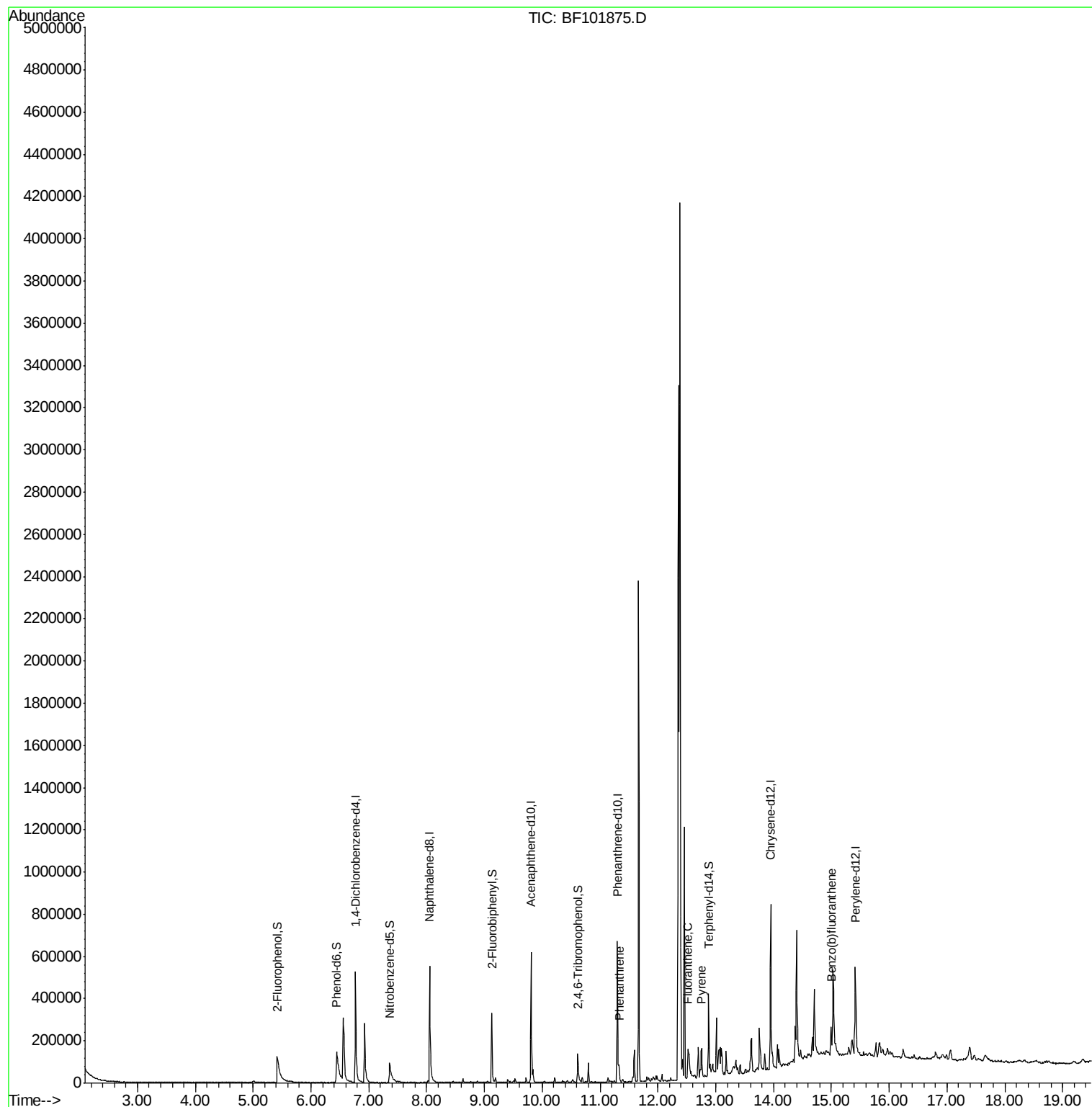
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
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#1

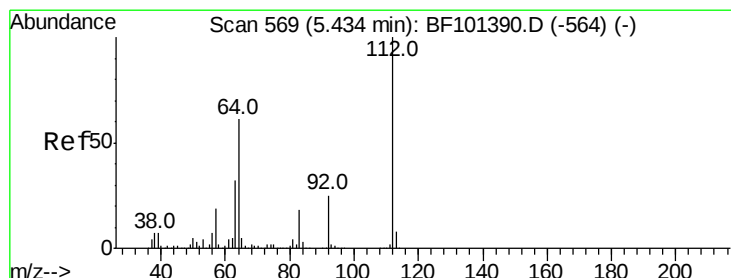
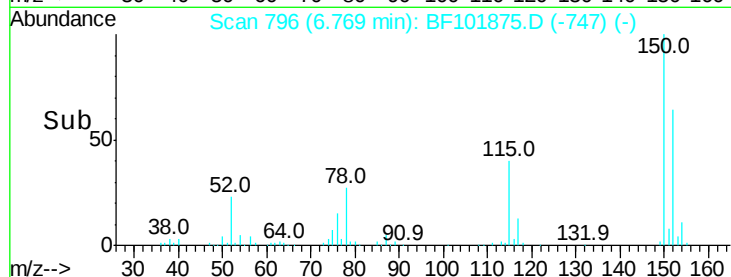
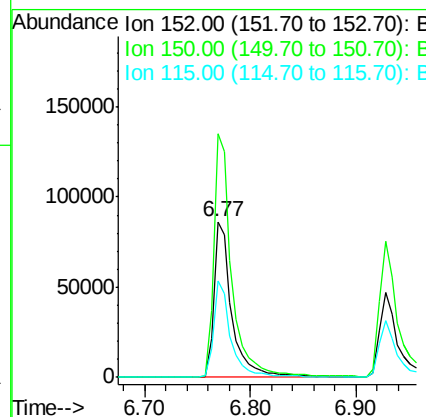
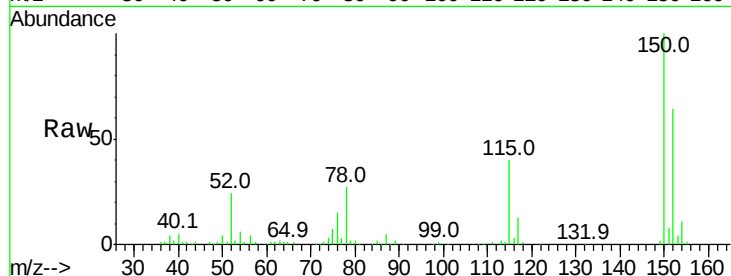
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	62.0	50.1	75.1

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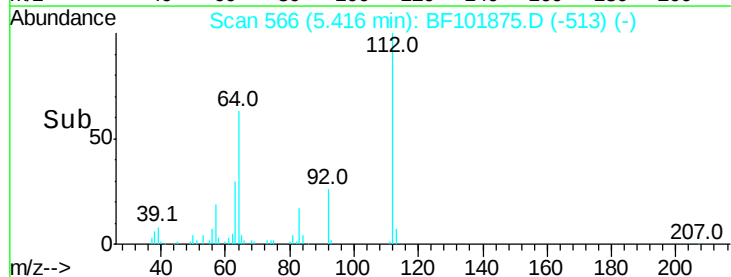
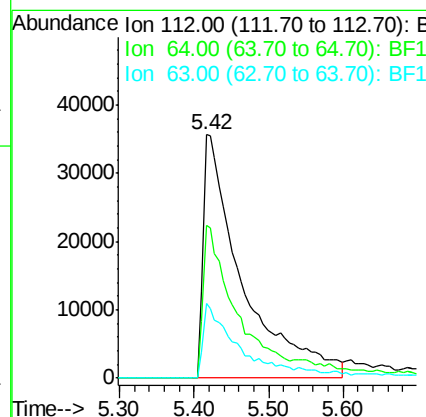
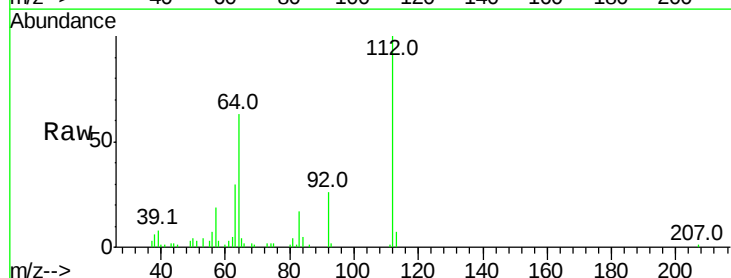
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#5

2-Fluorophenol
Concen: 18.755 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 18.815 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101875.D

Acq: 3 Jan 2018 22:05

Instrument :

BNA_F

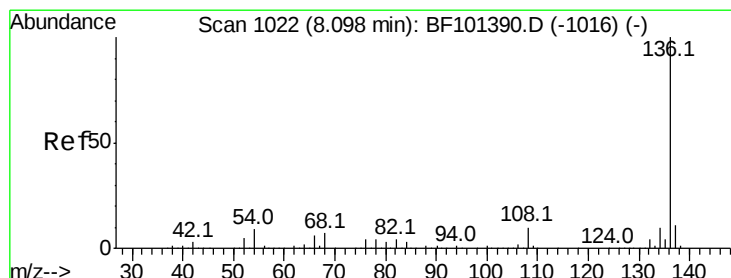
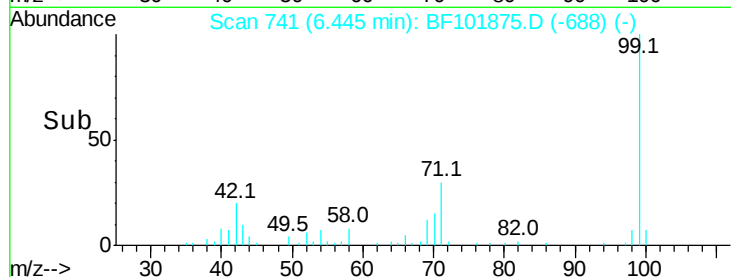
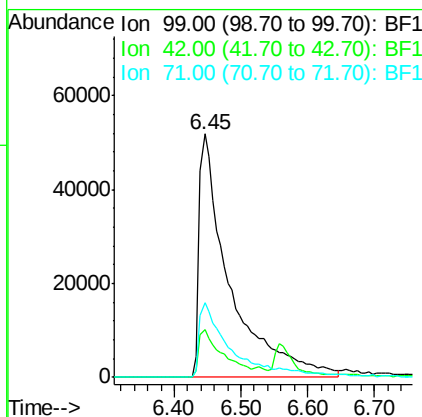
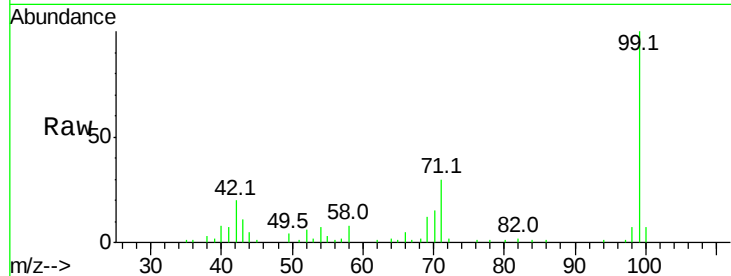
ClientSampleId :

SB-14-COMP

Tot Ion:	99	Resp:	162421
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	30.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

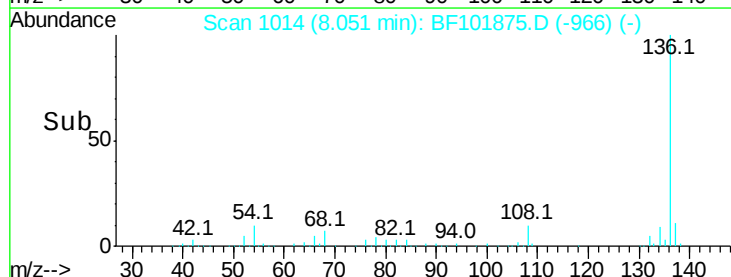
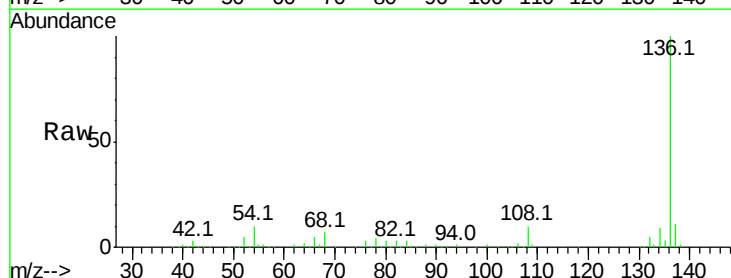
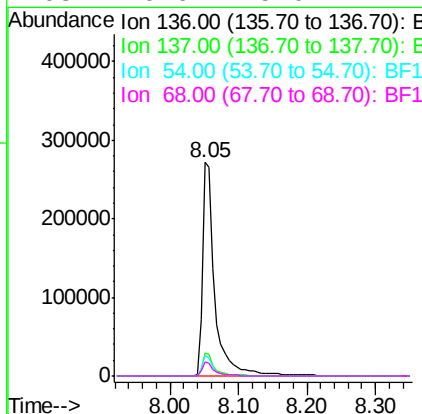
RT: 8.05 min Scan# 1014

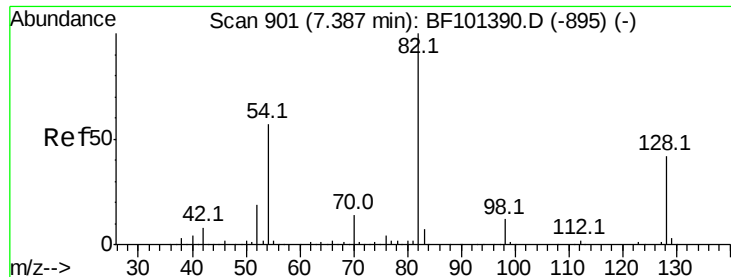
Delta R.T. -0.02 min

Lab File: BF101875.D

Acq: 3 Jan 2018 22:05

Tgt Ion:	136	Resp:	352129
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8
68	6.6	5.0	7.4





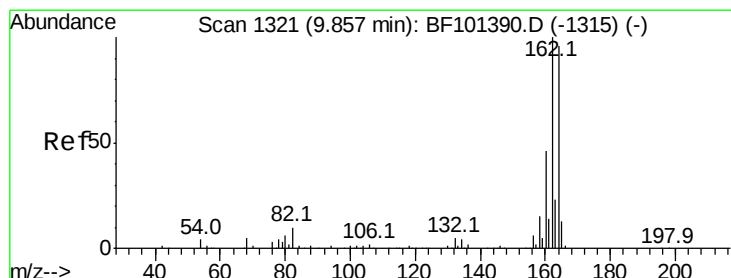
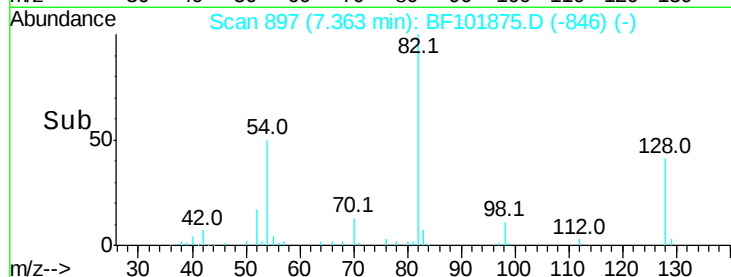
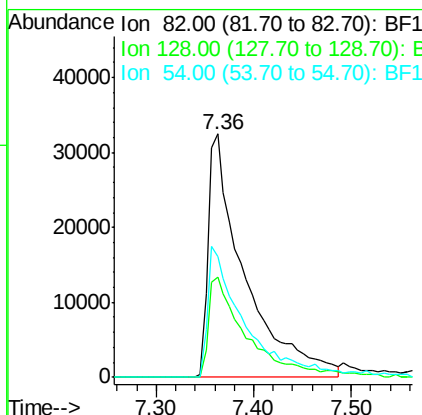
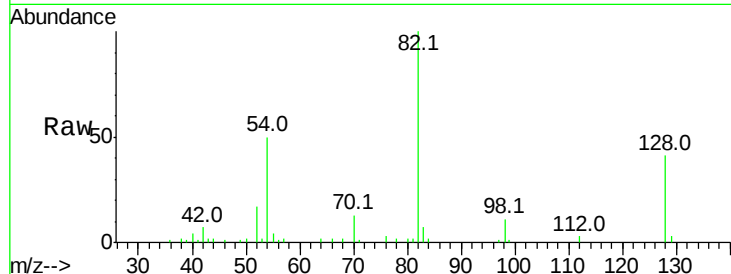
#23
Nitrobenzene-d5
Concen: 13.208 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	49.8	41.4	62.2

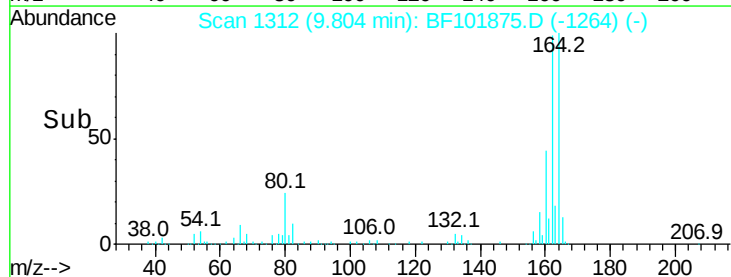
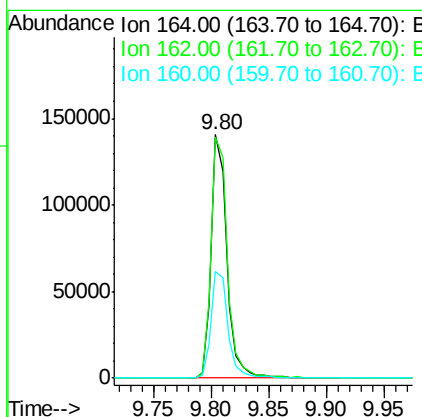
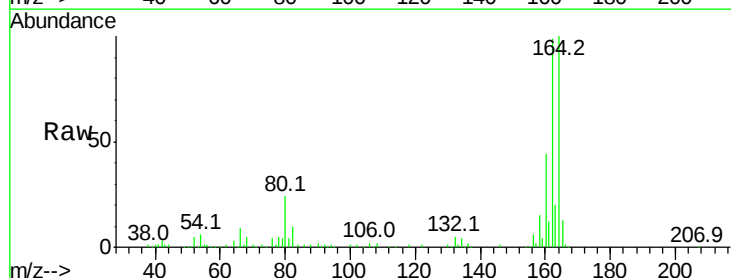
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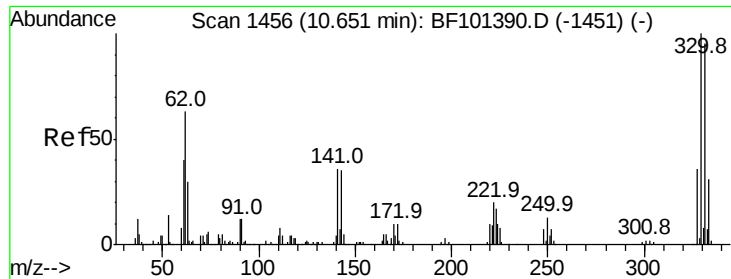
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	86.1	129.1
160	44.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 18.173 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF101875.D

Acq: 3 Jan 2018 22:05

Instrument :

BNA_F

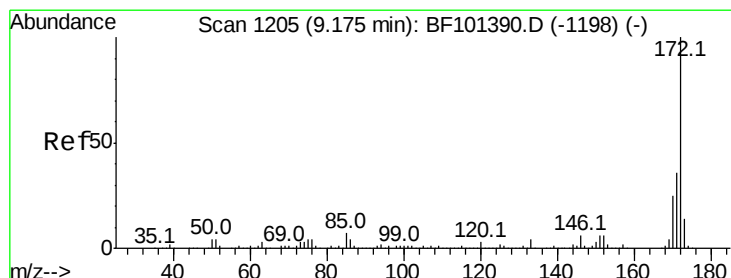
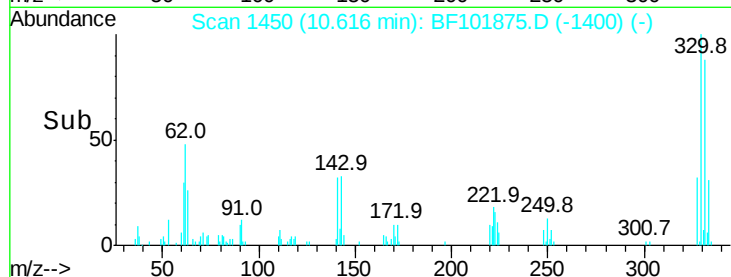
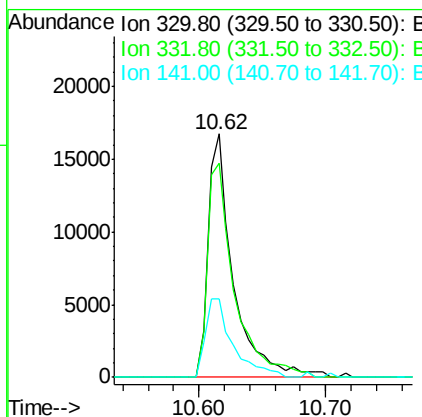
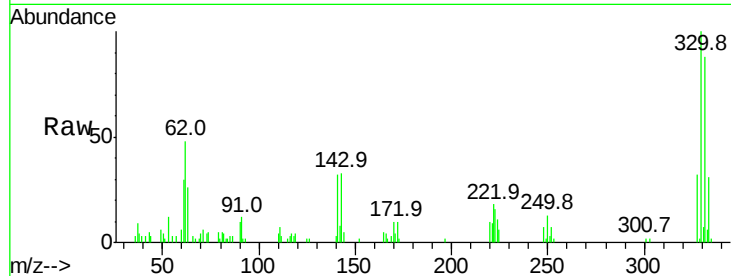
ClientSampleId :

SB-14-COMP

Tot Ion:	330	Resp:	23248
Ion Ratio	Lower	Upper	
330	100		
332	93.9	77.0	115.6
141	35.1	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 15.428 ng

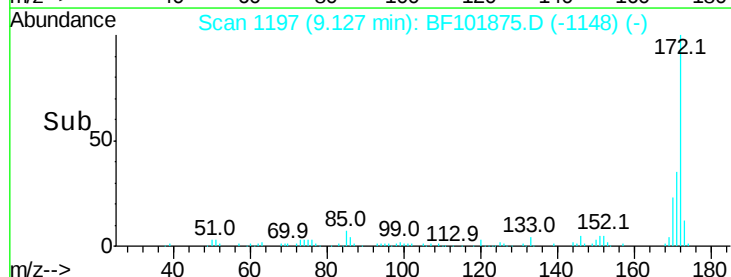
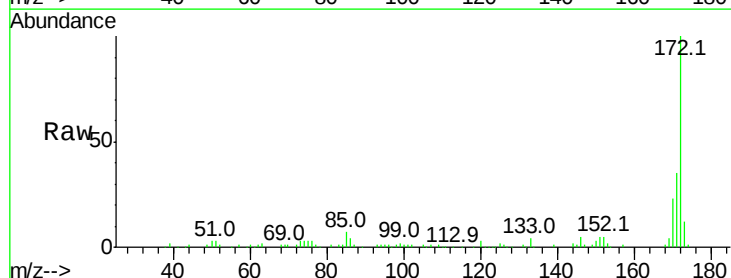
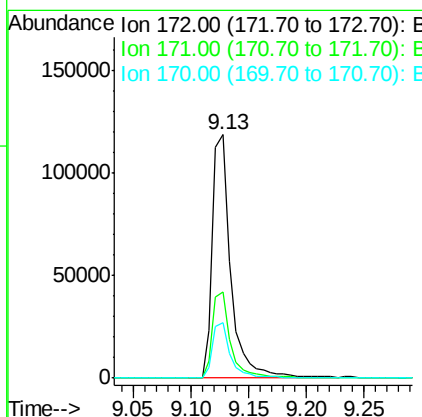
RT: 9.13 min Scan# 1197

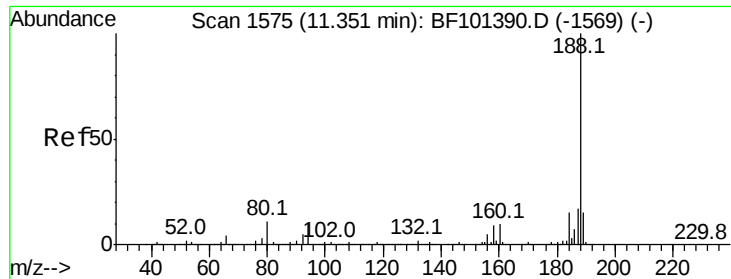
Delta R.T. -0.01 min

Lab File: BF101875.D

Acq: 3 Jan 2018 22:05

Tgt Ion:	172	Resp:	132039
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.7	44.5
170	22.6	19.6	29.4





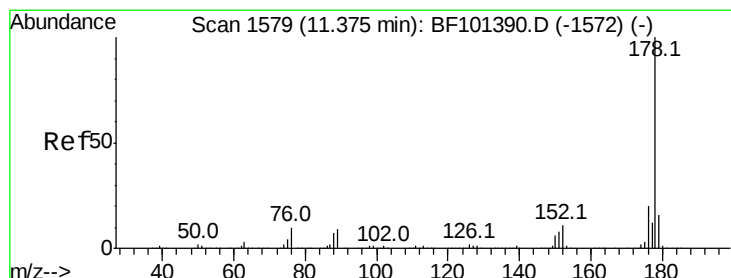
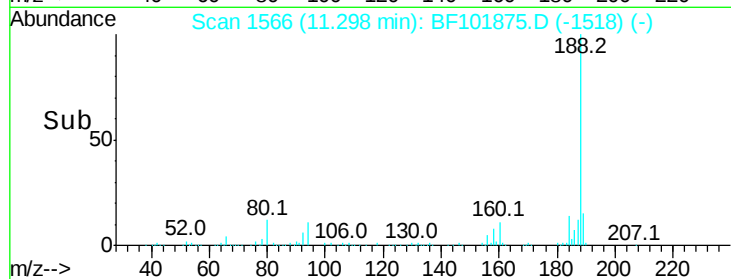
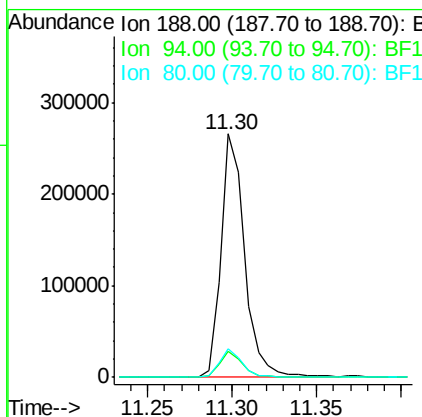
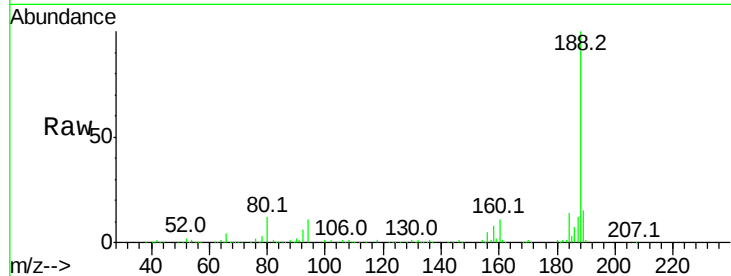
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	260292		
94	10.8		8.5	12.7
80	11.9		9.2	13.8

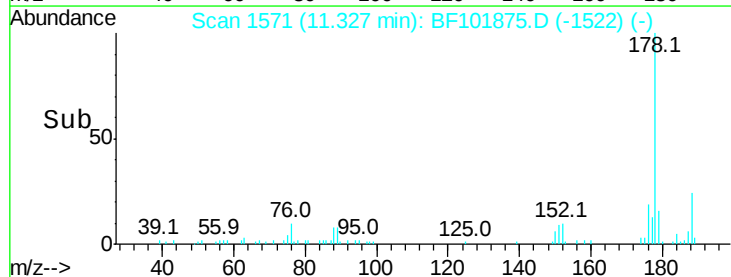
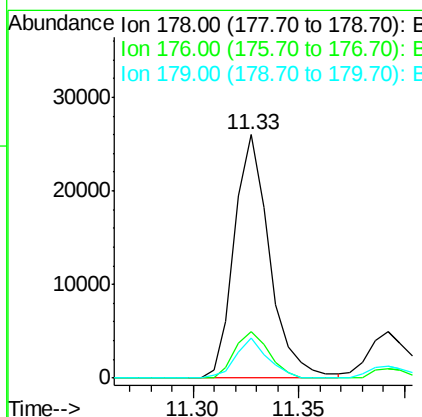
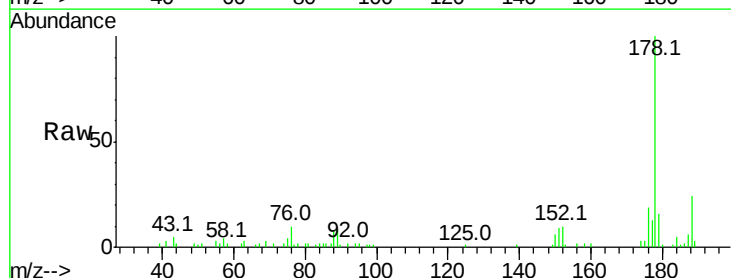
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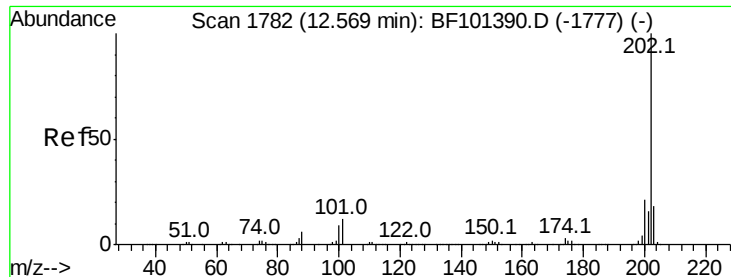
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#70
Phenanthrene
Concen: 2.075 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	30030		
176	19.0		15.8	23.8
179	16.3		13.0	19.6





#74

Fluoranthene

Concen: 3.737 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF101875.D

Acq: 3 Jan 2018 22:05

Instrument :

BNA_F

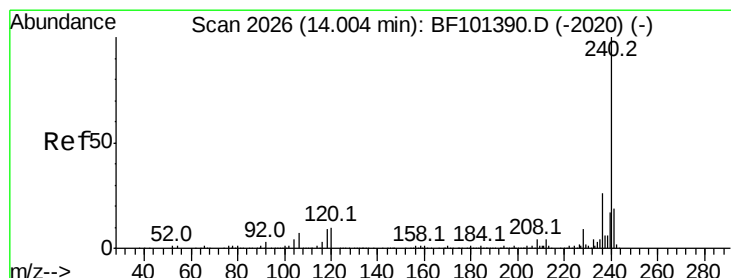
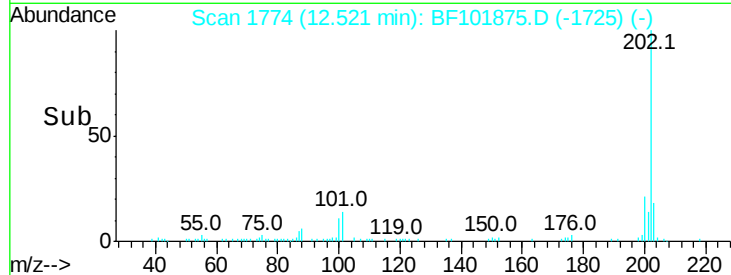
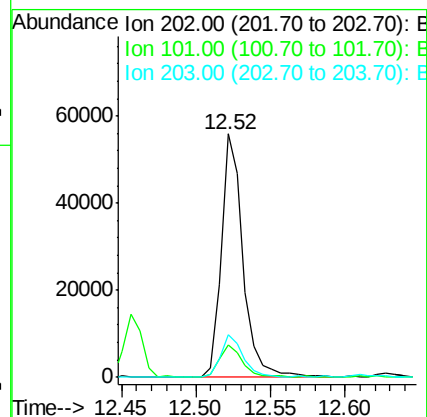
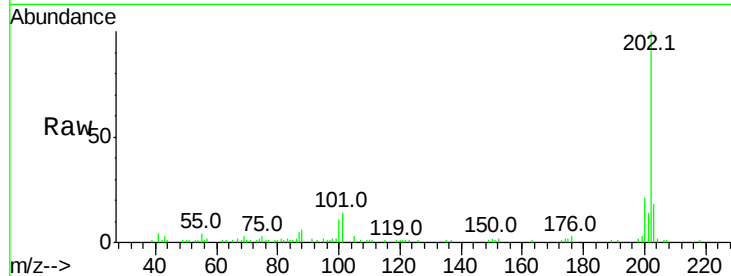
ClientSampleId :

SB-14-COMP

Tot Ion:	202	Resp:	56773
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	34.1
203	17.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

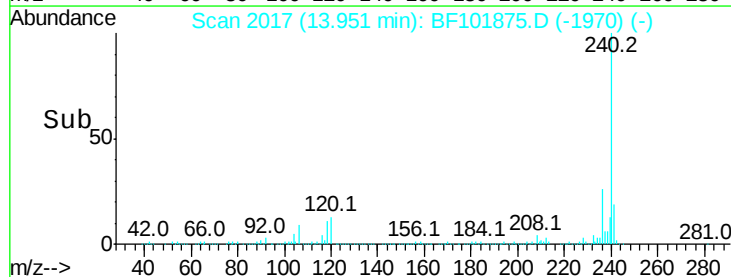
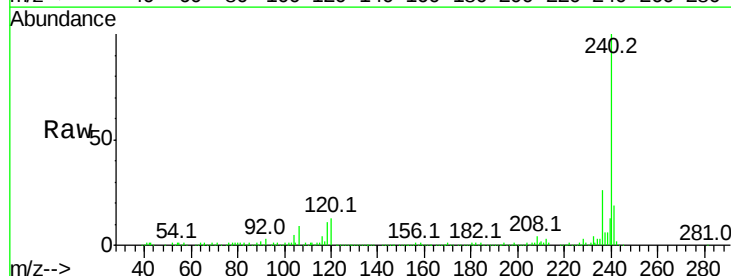
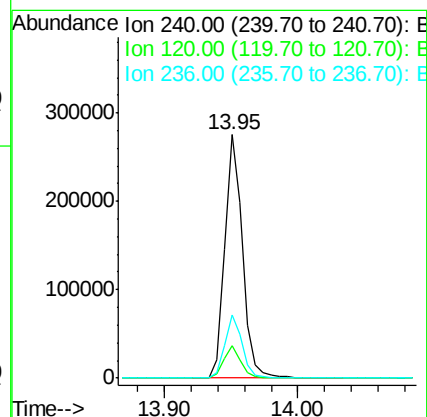
RT: 13.95 min Scan# 2017

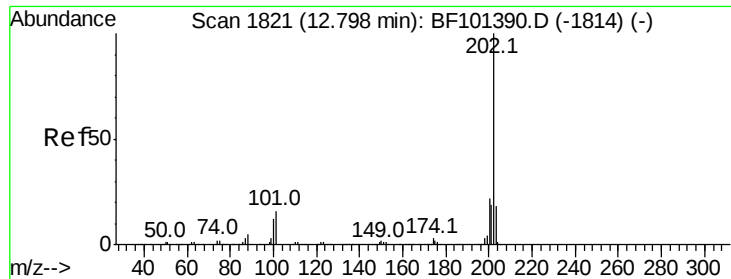
Delta R.T. -0.02 min

Lab File: BF101875.D

Acq: 3 Jan 2018 22:05

Tgt Ion:	240	Resp:	259164
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	25.8	20.7	31.1





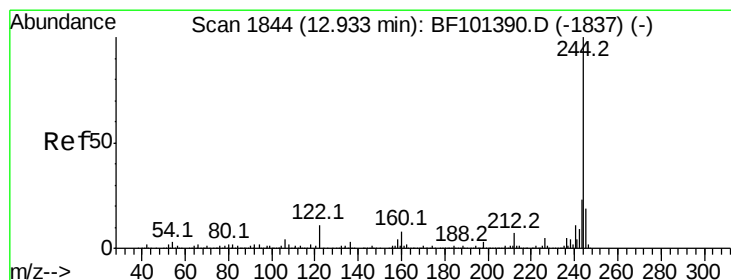
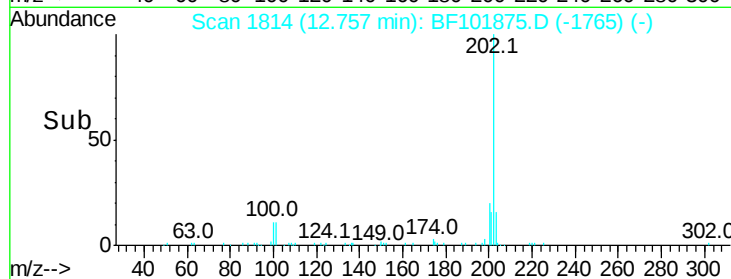
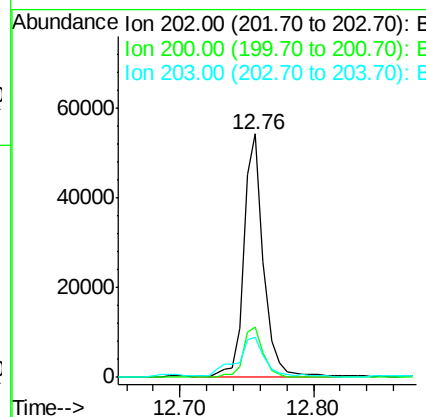
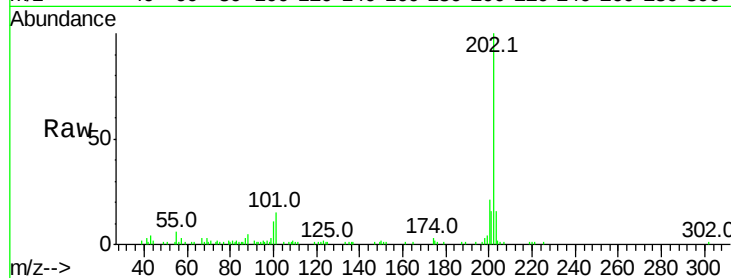
#77
Pvrene
Concen: 2.860 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.4	26.2
203	16.4	14.3	21.5

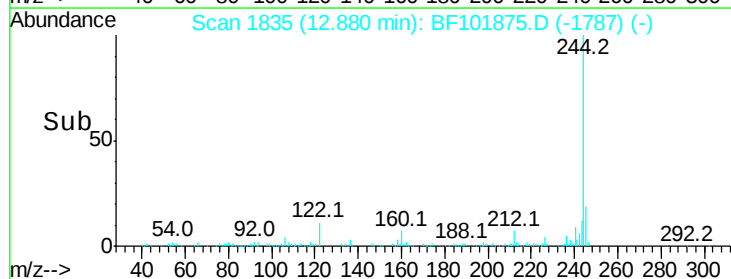
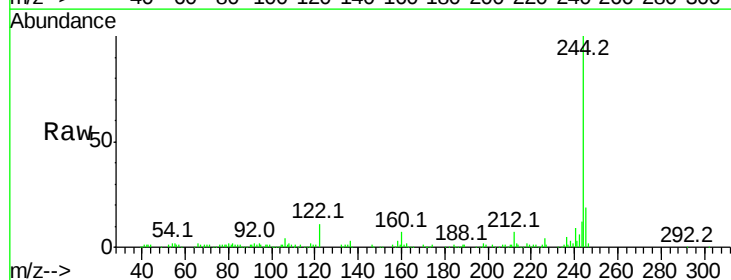
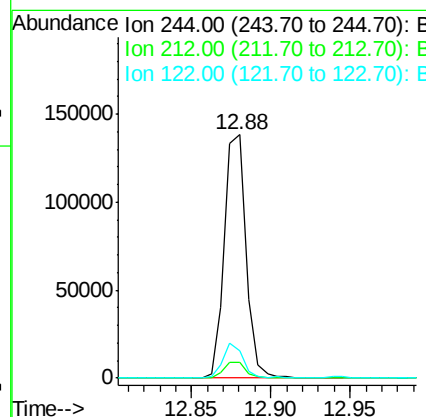
Manual Integrations
APPROVED

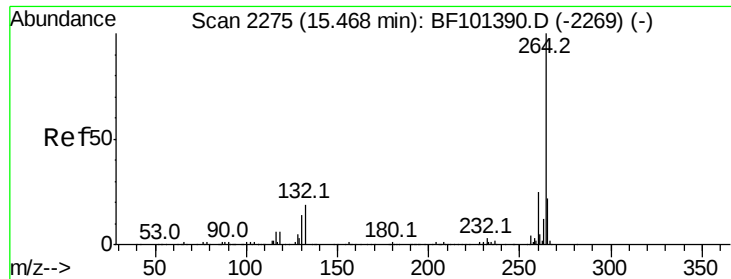
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#78
Terphenyl-d14
Concen: 12.203 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.0	11.0	16.4





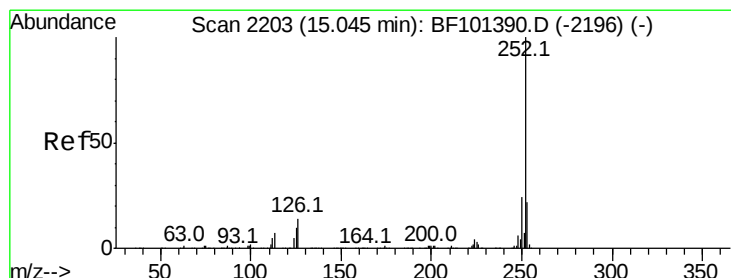
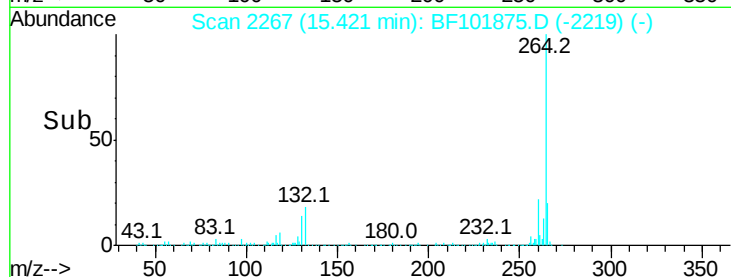
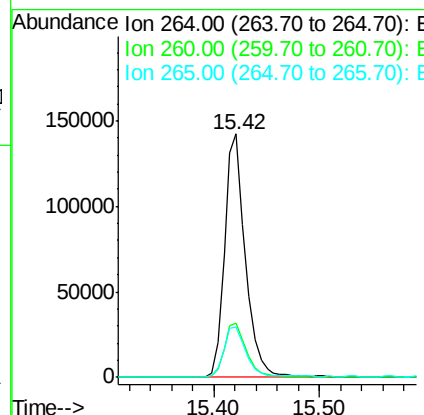
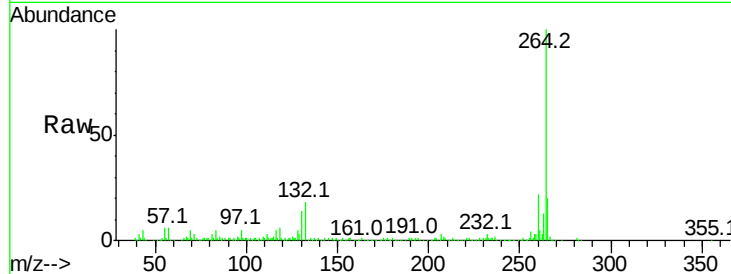
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:45 PM



#87
Benzo(b)fluoranthene
Concen: 2.232 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF101875.D
Acq: 3 Jan 2018 22:05

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	19.9	17.0	25.6
125	20.4	9.0	13.6

