

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101446.D
 Acq On : 15 Dec 2017 16:46
 Operator : SJ/JU
 Sample : I6847-01DL 1000X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01DL

Manual Integrations
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Quant Time: Dec 15 18:18:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	185862	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	747609	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	349526	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	658808	20.00	ng	0.00
75) Chrysene-d12	13.99	240	408177	20.00	ng	0.00
86) Perylene-d12	15.46	264	369640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.93	244	449	0.03	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	1916669	50.925	ng	99
37) 2-Methylnaphthalene	8.83	142	53888	2.198	ng	99
70) Phenanthrene	11.37	178	102792	2.806	ng	97

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

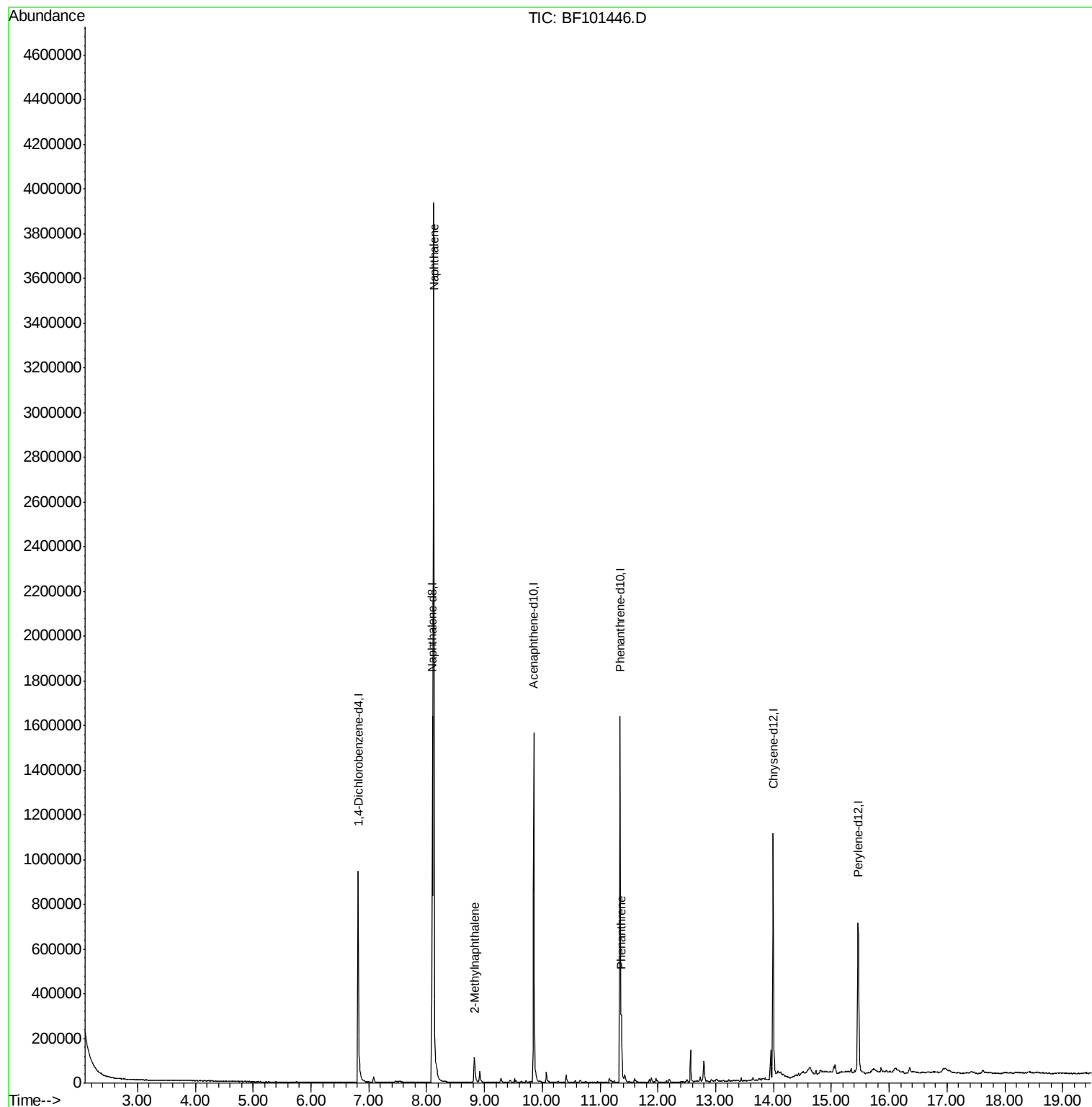
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
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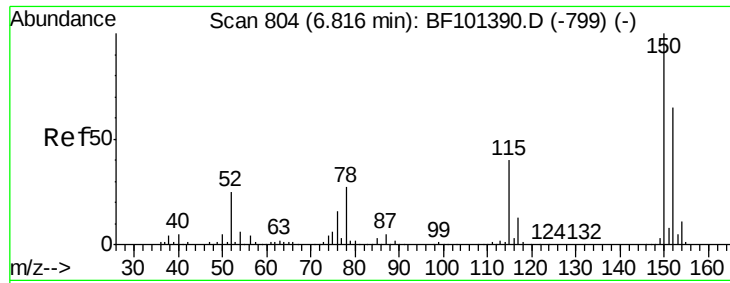
Instrument :
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ClientSampleId :
WC-646507-01DL

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#1

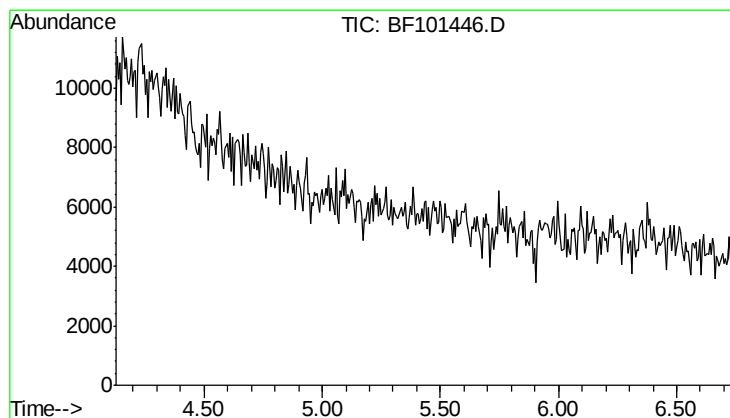
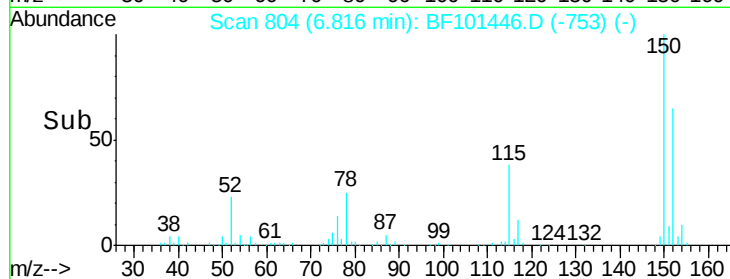
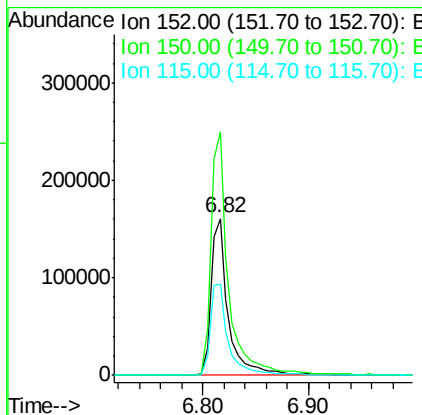
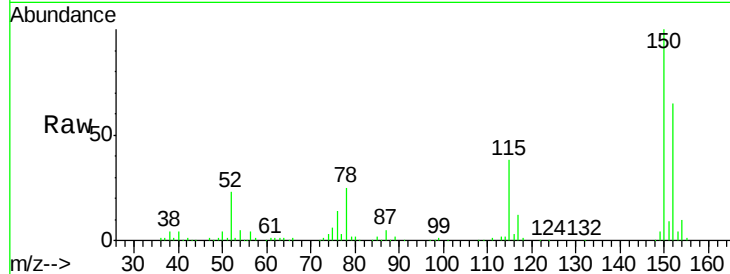
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Instrument :
BNA_F
ClientSampleId :
WC-646507-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	185862		
150	154.9	124.6	186.8	
115	58.2	50.1	75.1	

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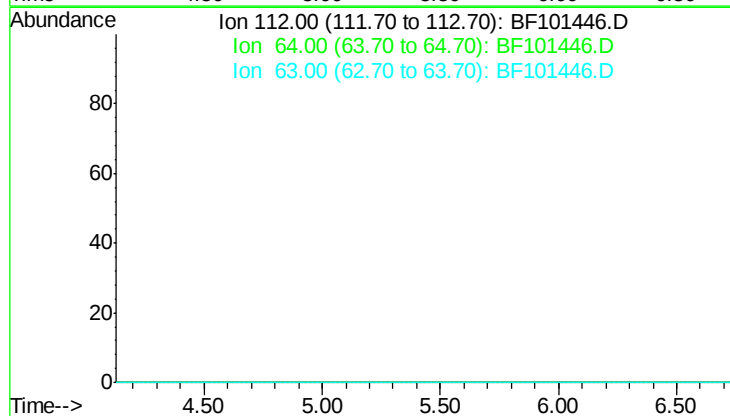


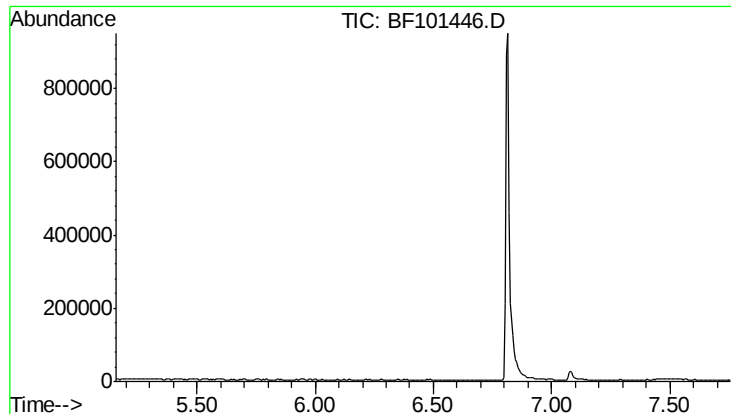
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Tgt Ion	Sig	Exp Ratio
112	100	
64	59.9	
63	29.6	





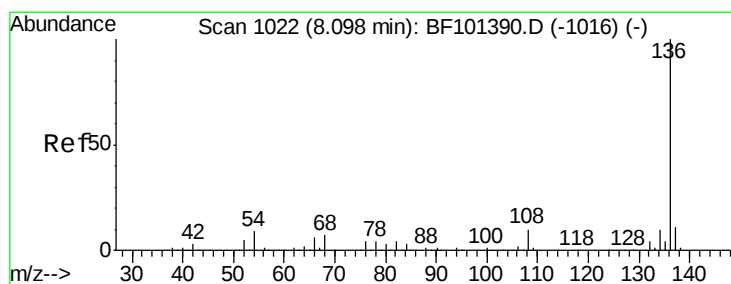
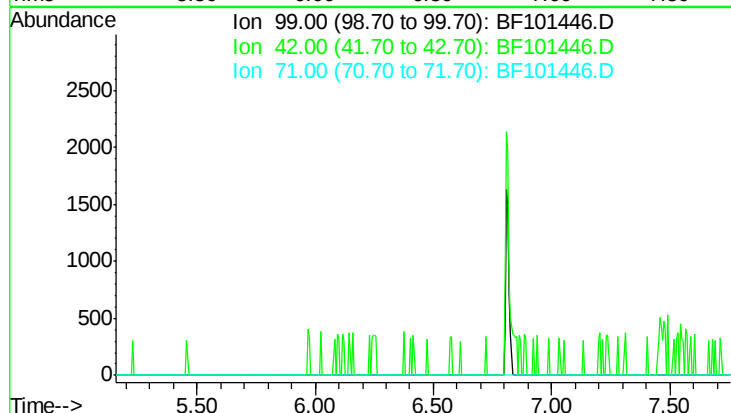
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 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.46 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01DL

Tgt Ion	Exp Ratio
99	100
42	18.1
71	31.7

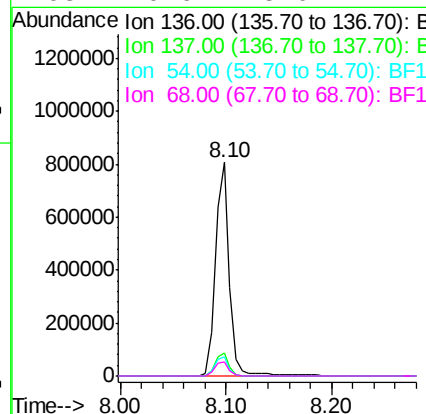
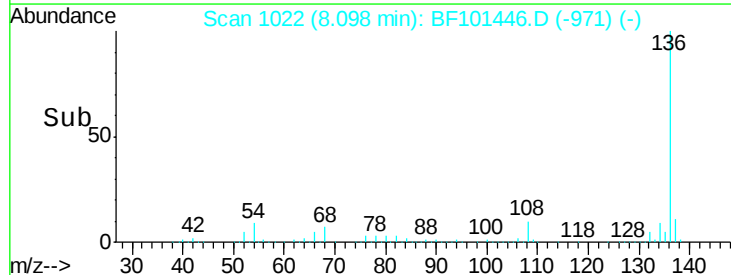
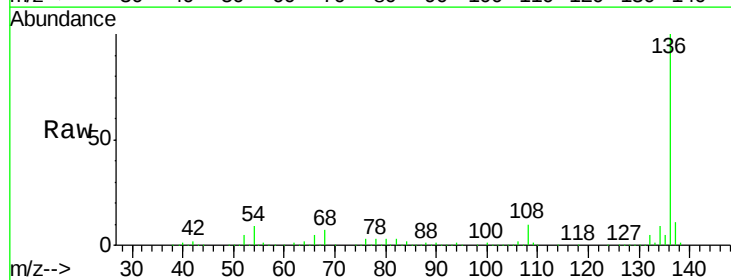
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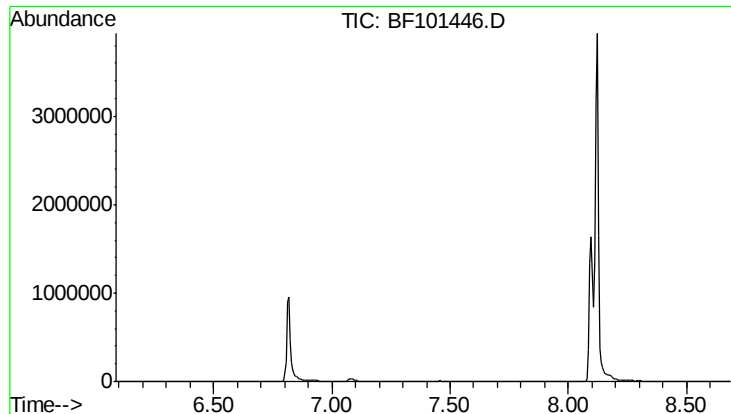
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4



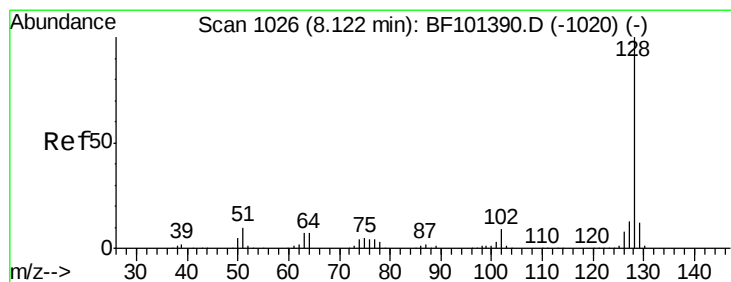
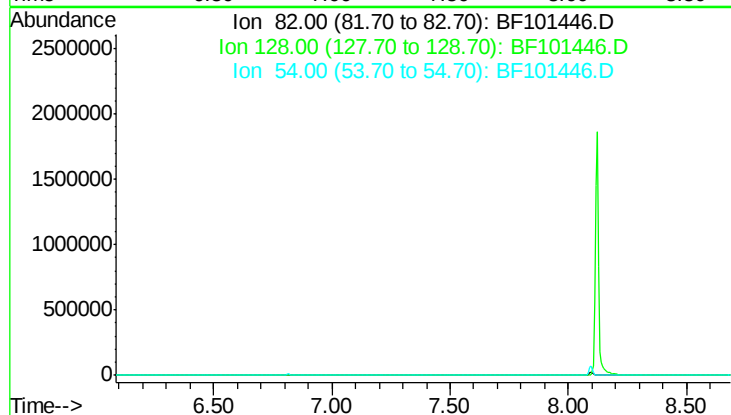


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.39 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01DL

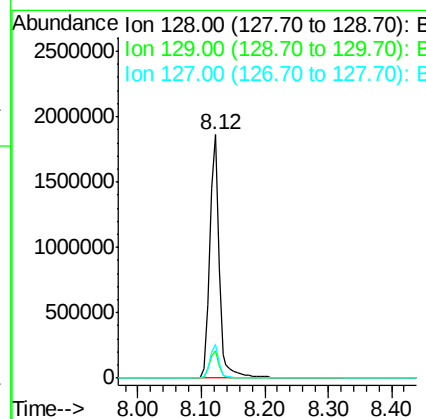
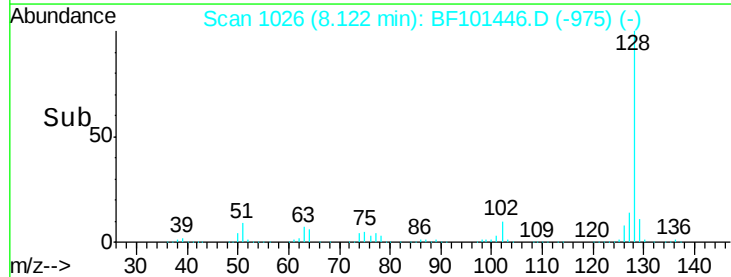
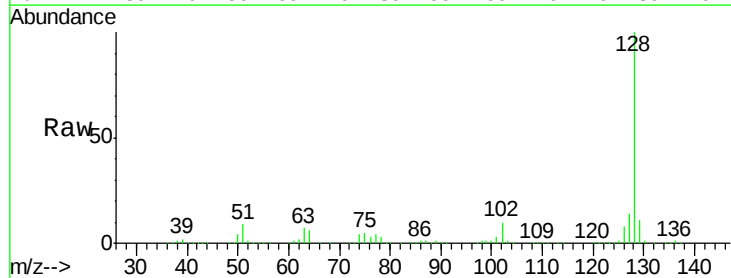
Tgt Ion	Exp Ratio
82	100
128	45.1
54	51.8

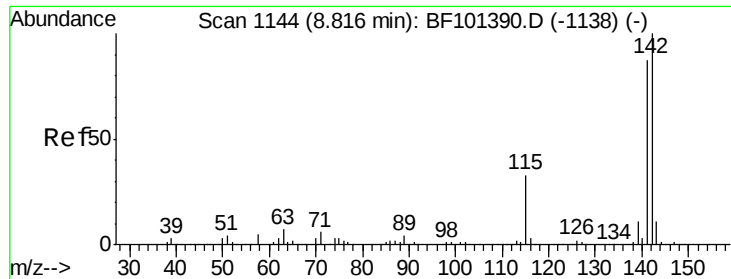
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#31
 Naphthalene
 Concen: 50.925 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.0	10.9	16.3





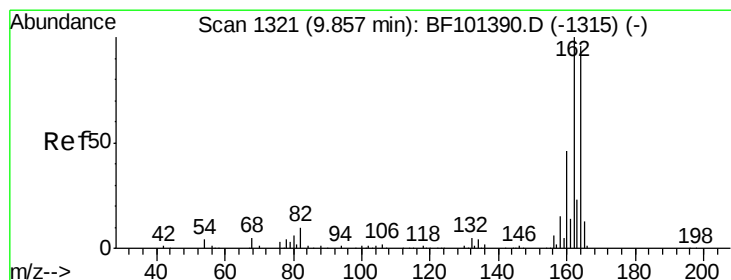
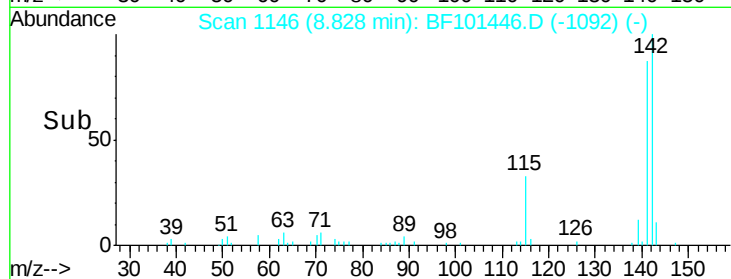
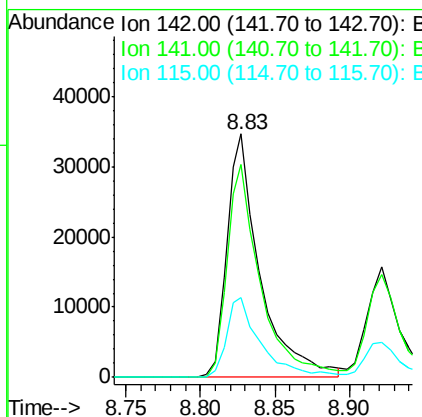
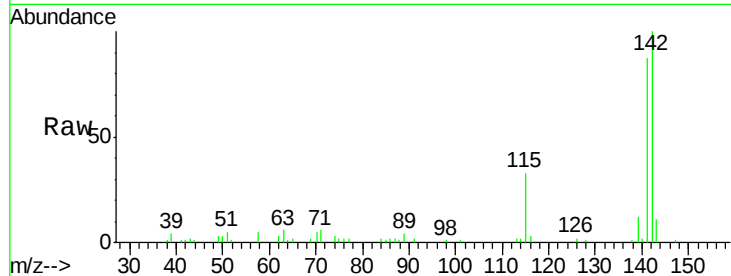
#37
2-Methylnaphthalene
Concen: 2.198 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.02 min
Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Instrument :
BNA_F
ClientSampleId :
WC-646507-01DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	32.6	26.1	39.1

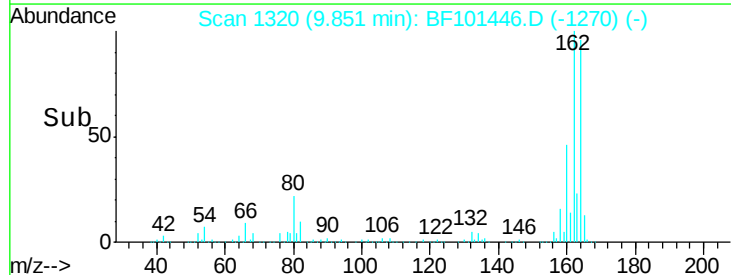
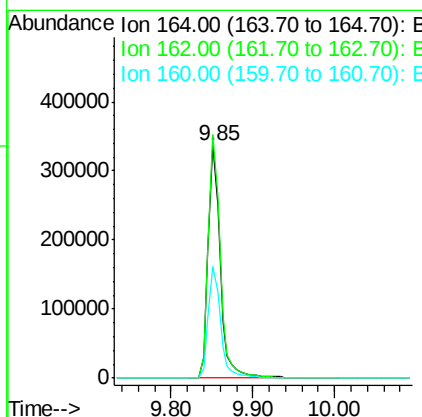
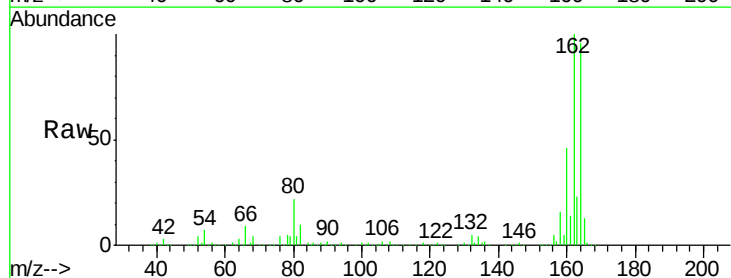
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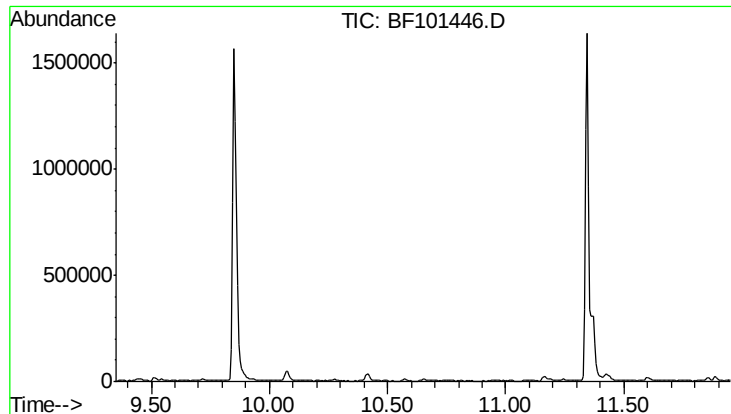
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.7	38.3	57.5





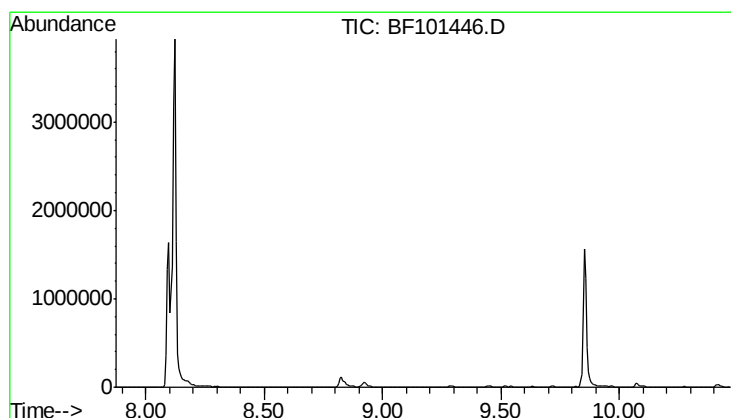
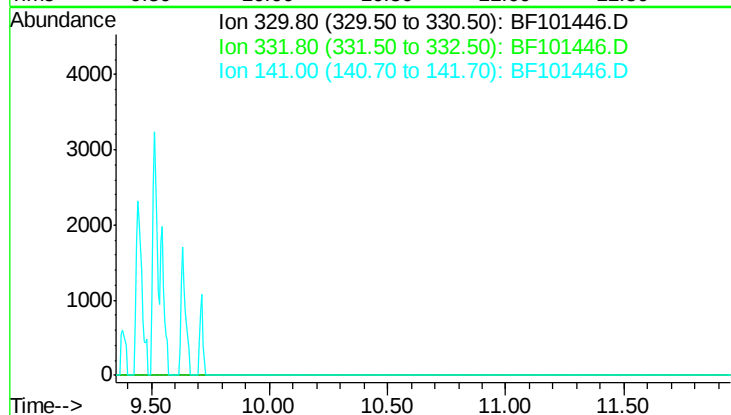
#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01DL

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4

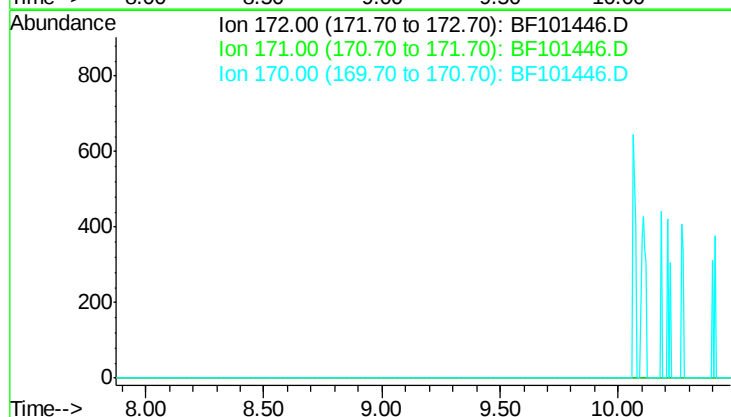
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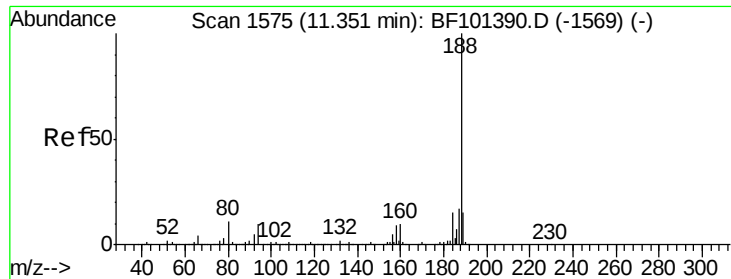
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#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.17 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5





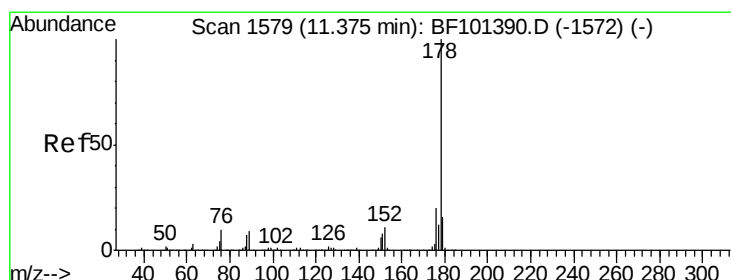
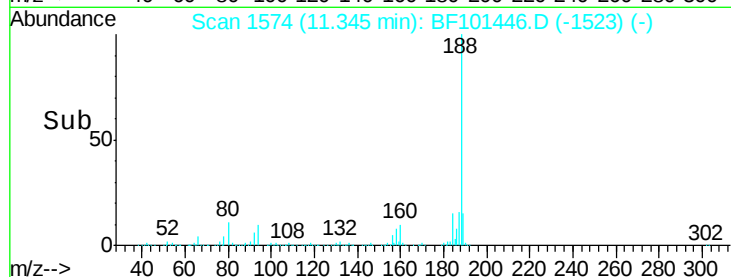
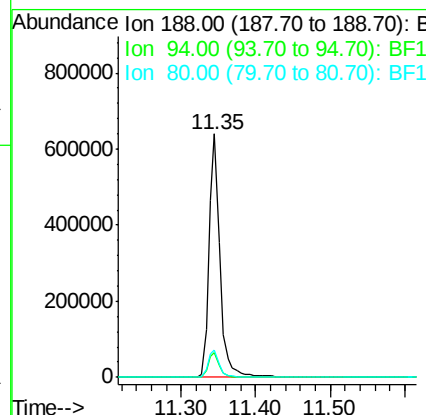
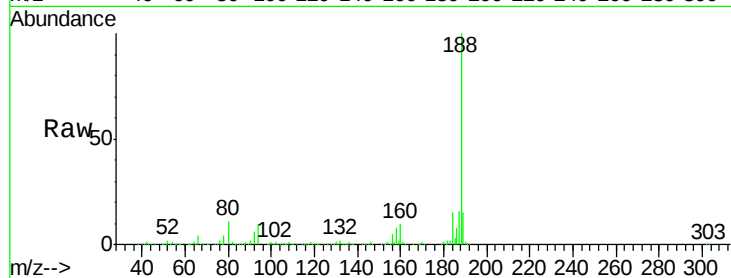
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Instrument :
BNA_F
ClientSampleId :
WC-646507-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	658808		
94	10.1		8.5	12.7
80	11.0		9.2	13.8

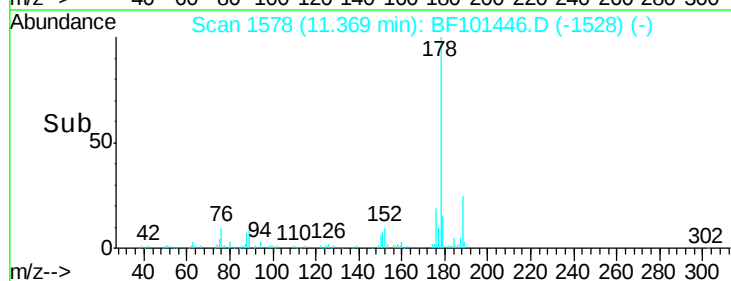
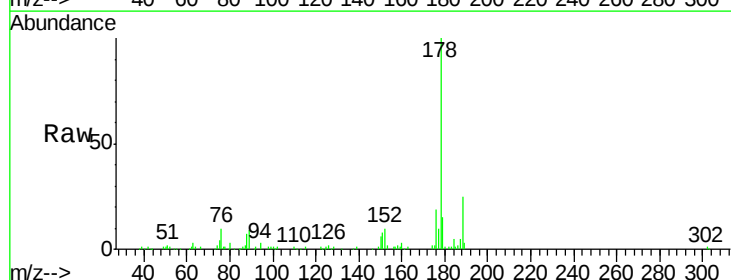
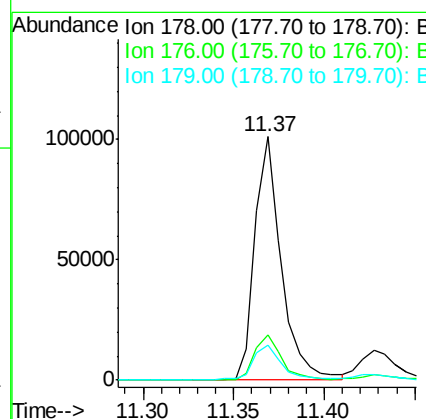
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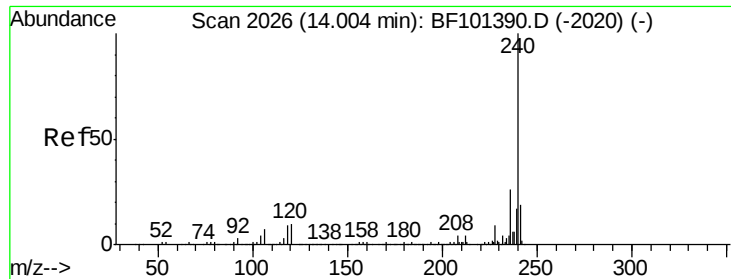
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#70
Phenanthrene
Concen: 2.806 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	102792		
176	18.7		15.8	23.8
179	14.5		13.0	19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101446.D

Acq: 15 Dec 2017 16:46

Instrument :

BNA_F

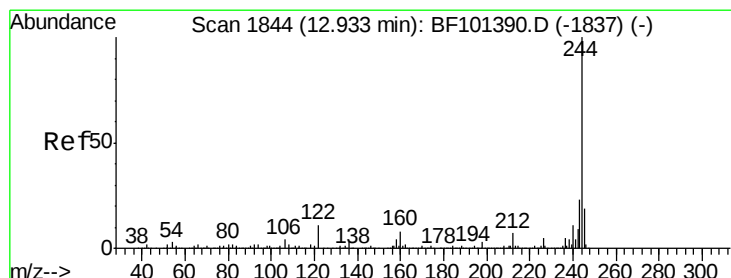
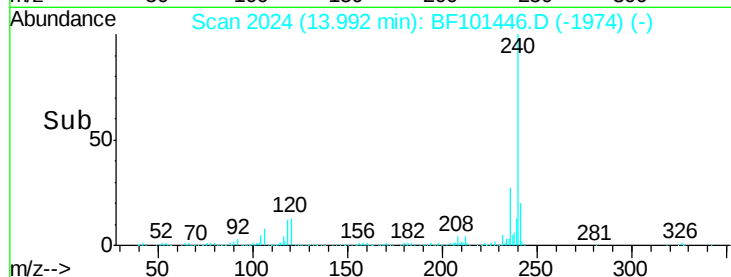
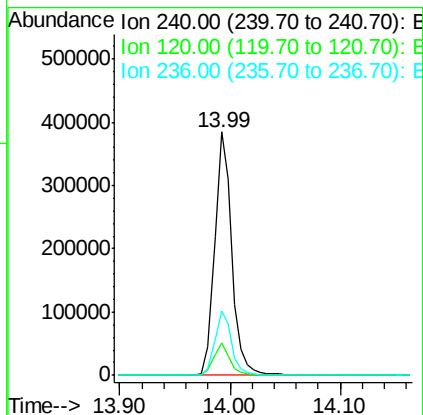
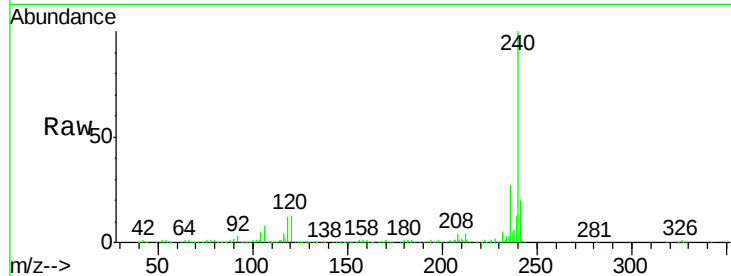
ClientSampleId :

WC-646507-01DL

Tgt Ion:	240	Resp:	408177
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	26.6	20.7	31.1

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#78

Terphenyl-d14

Concen: 0.027 ng

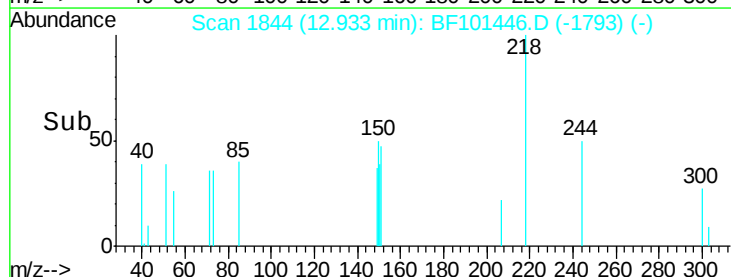
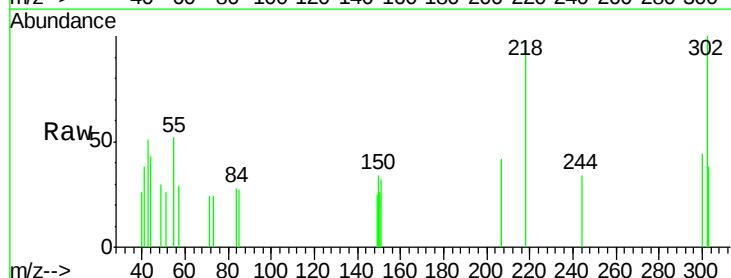
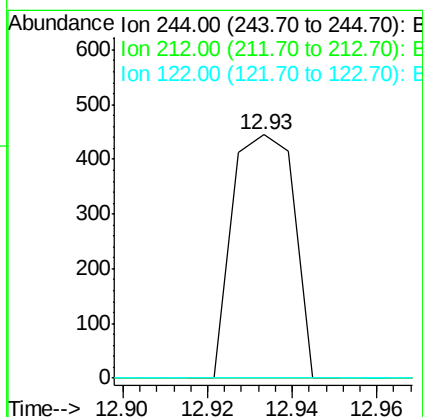
RT: 12.93 min Scan# 1844

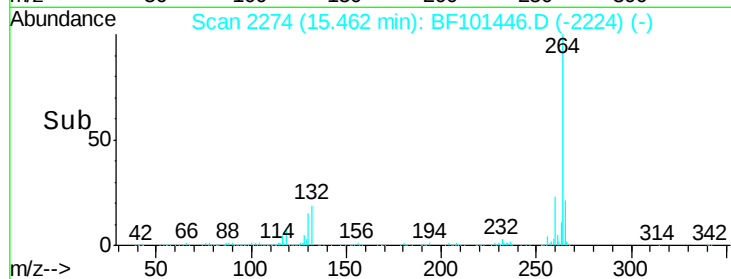
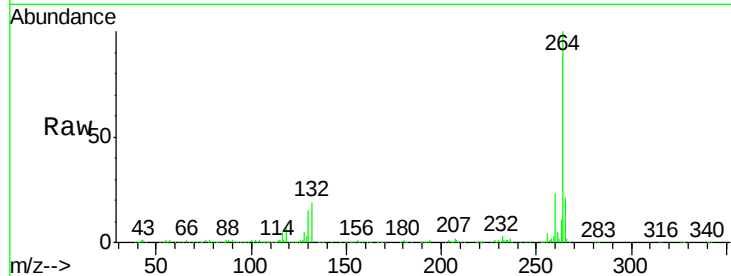
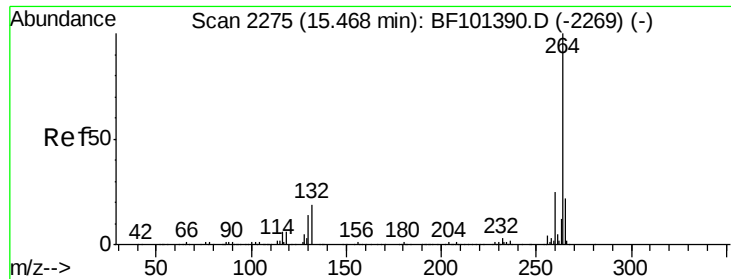
Delta R.T. 0.00 min

Lab File: BF101446.D

Acq: 15 Dec 2017 16:46

Tgt Ion:	244	Resp:	449
Ion Ratio	Lower	Upper	
244	100		
212	0.0	5.4	8.0#
122	0.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Instrument :
BNA_F
ClientSampleId :
WC-646507-01DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3

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