

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082214.D
 Acq On : 11 Oct 2015 10:08
 Operator : UM/IZ
 Sample : G3928-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(46-48)A

Manual Integrations
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 10/12/2015 2:39:48 PM

Quant Time: Oct 12 04:53:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84143	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	337955	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	149673	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	243899	20.00	ng	0.00
75) Chrysene-d12	14.01	240	214042	20.00	ng	0.00
86) Perylene-d12	15.44	264	172583	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	574840	137.88	ng	0.01
7) Phenol-d6	6.48	99	760447	140.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	355178	70.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	160244	114.16	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	742161	82.23	ng	-0.01
78) Terphenyl-d14	12.96	244	573517	71.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.15	128	51673	3.53	ng	99
49) Dimethylphthalate	9.60	163	183156	17.38	ng	99
70) Phenanthrene	11.40	178	25692	2.15	ng	98
74) Fluoranthene	12.58	202	32091	2.50	ng	96
77) Pyrene	12.81	202	44788	3.53	ng	97
83) Bis(2-ethylhexyl)phthalate	13.98	149	92772	11.22	ng	# 99
87) Benzo(b)fluoranthene	15.03	252	32600m	3.10	ng	
89) Benzo(a)pyrene	15.38	252	27755	3.08	ng	98
91) Benzo(g,h,i)perylene	17.27	276	15745	2.19	ng	97

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

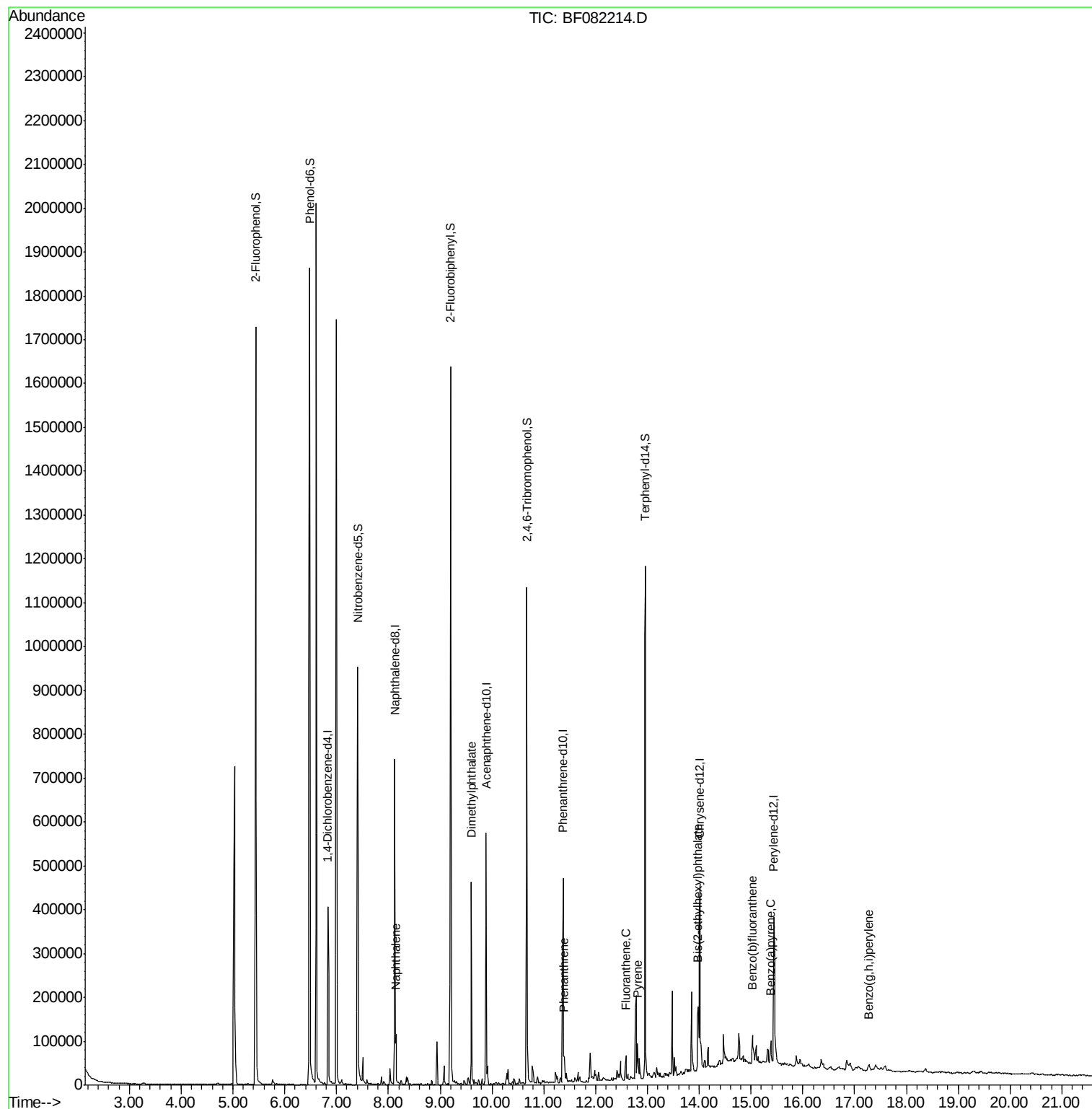
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082214.D
Acq On : 11 Oct 2015 10:08
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Misc :
ALS Vial : 47 Sample Multiplier: 1

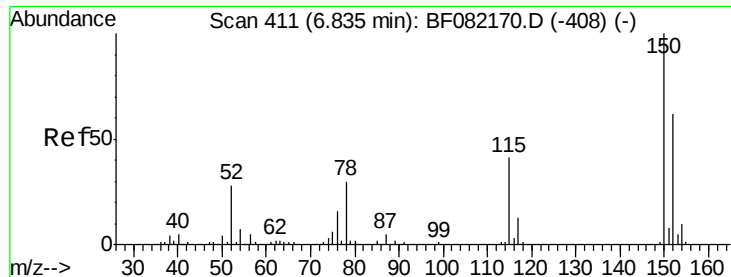
Instrument :
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ClientSampleId :
OS-SB-22(46-48)A

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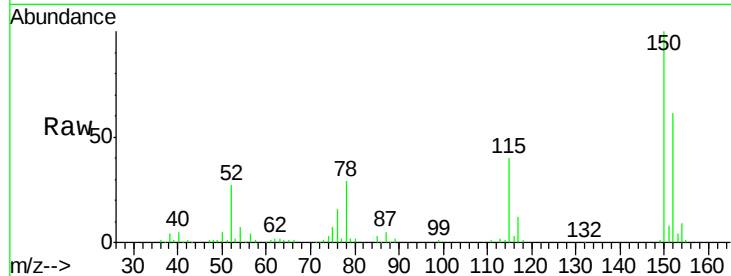




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

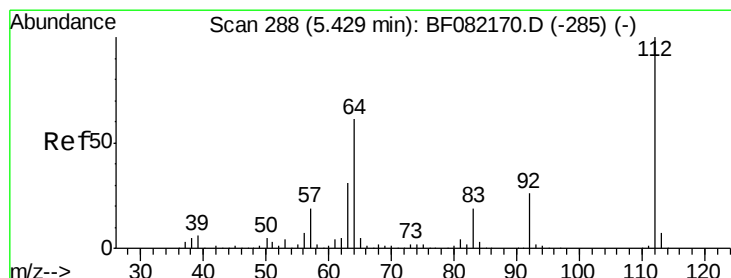
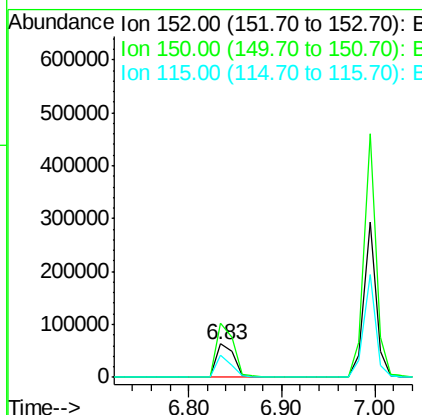
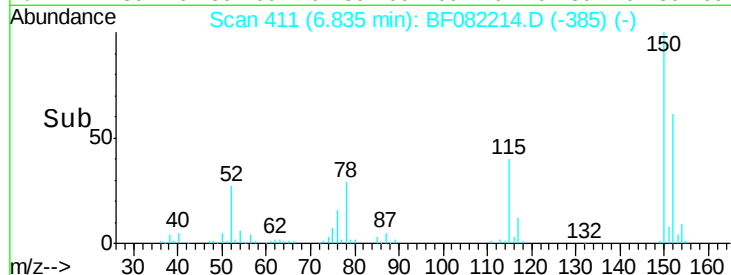
Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A



Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.8	129.0	193.4
115	65.0	52.1	78.1

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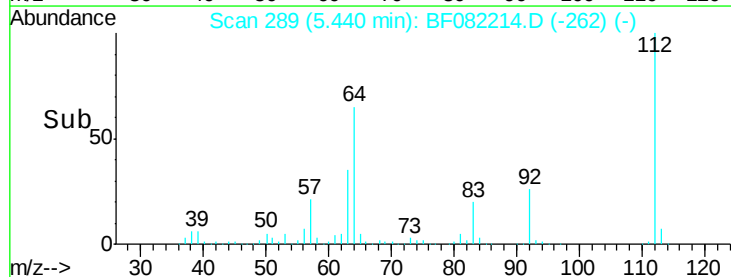
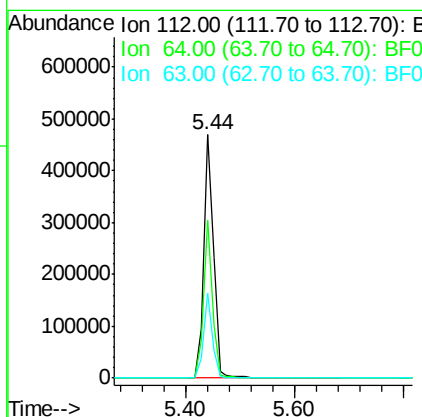
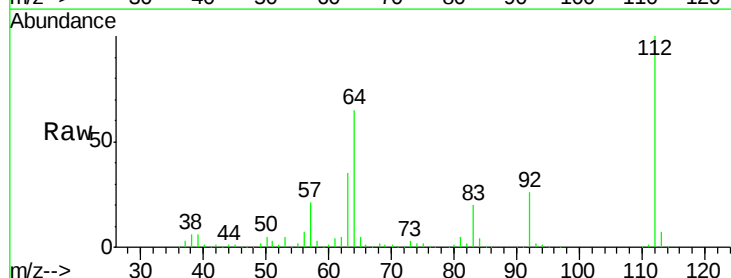
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#5

2-Fluorophenol
Concen: 137.88 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	48.6	73.0
63	34.7	25.1	37.7





#7

Phenol-d6

Concen: 140.16 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082214.D

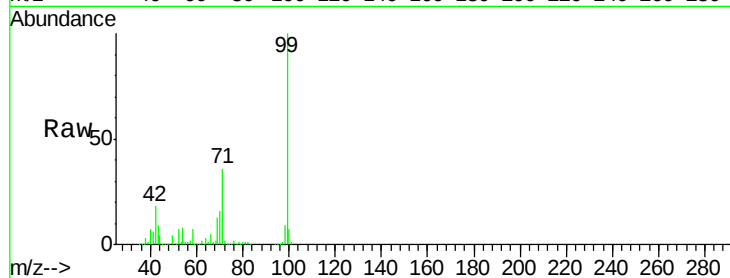
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Instrument :

BNA_F

ClientSampleId :

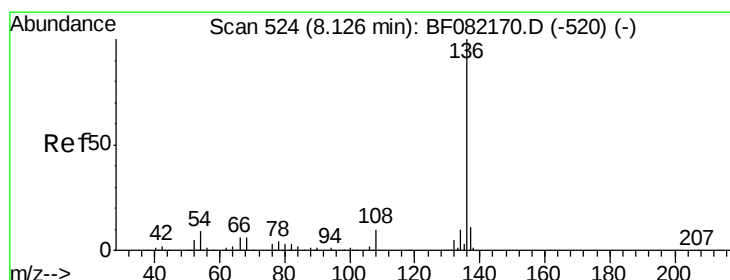
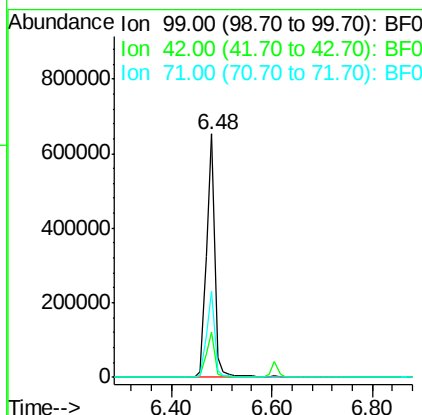
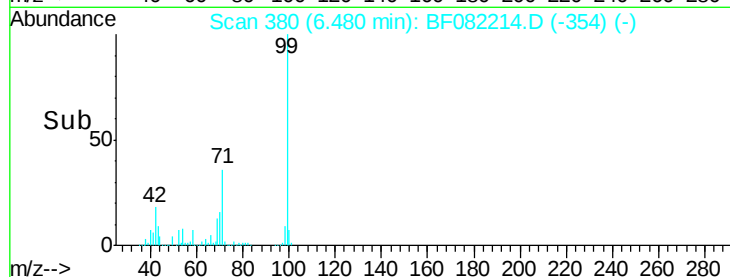
OS-SB-22(46-48)A



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		760447		
42	18.5	13.2	19.8		
71	35.6	25.6	38.4		

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#21

Naphthalene-d8

Concen: 20.00 ng

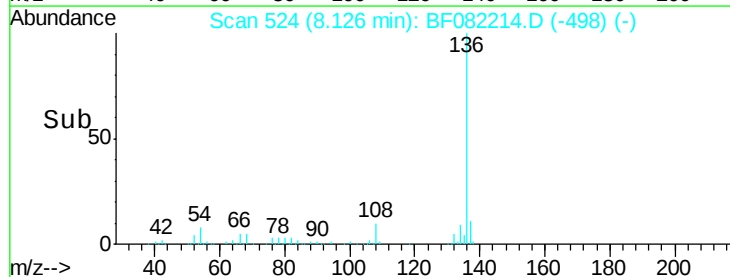
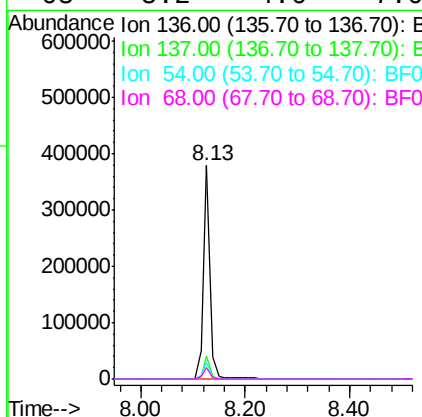
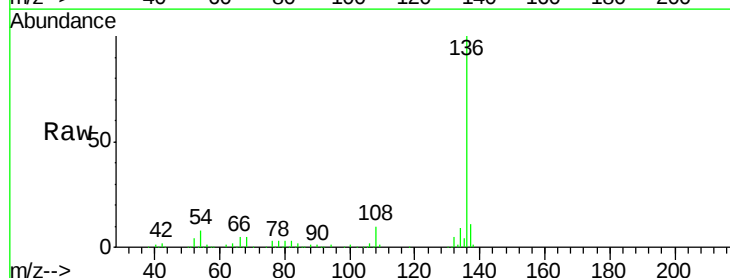
RT: 8.13 min Scan# 524

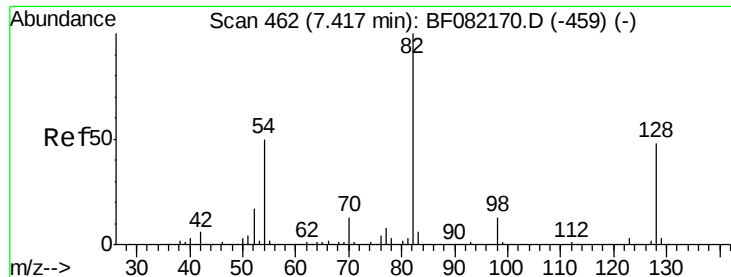
Delta R.T. 0.00 min

Lab File: BF082214.D

Acq: 11 Oct 2015 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		337955		
137	11.0	9.0	13.6		
54	8.0	7.5	11.3		
68	5.2	4.6	7.0		





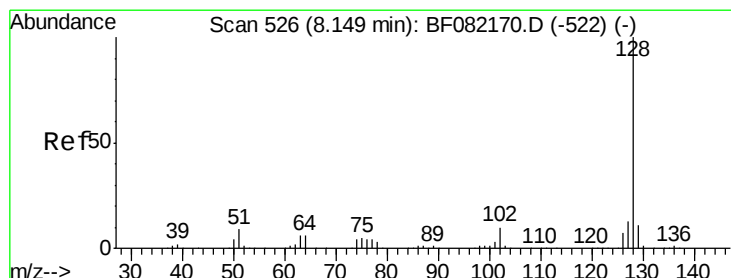
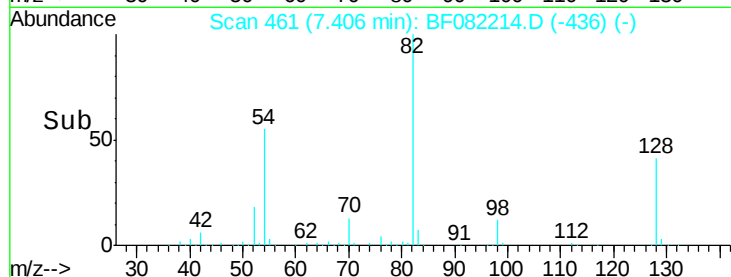
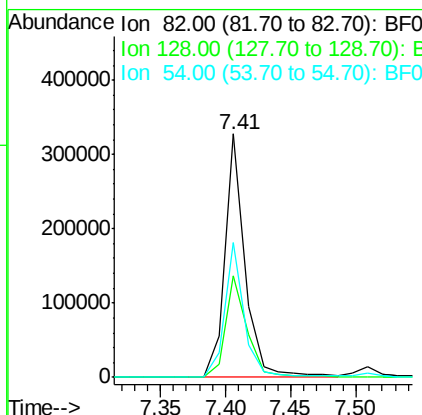
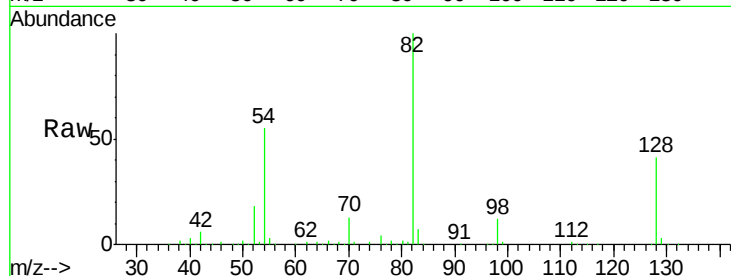
#23
Nitrobenzene-d5
Concen: 70.58 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	38.7	58.1
54	55.2	40.1	60.1

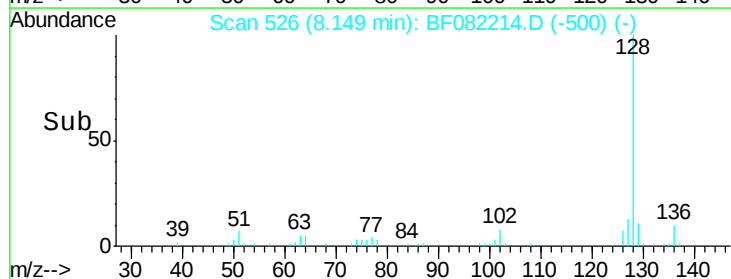
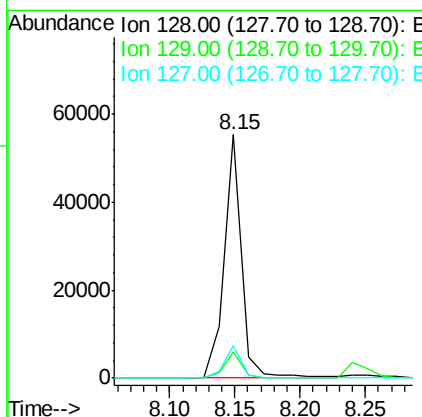
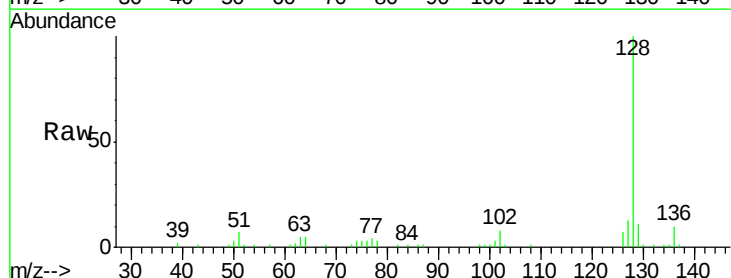
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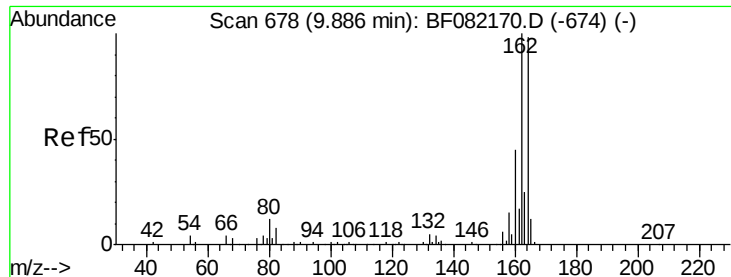
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#31
Naphthalene
Concen: 3.53 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.1	10.7	16.1





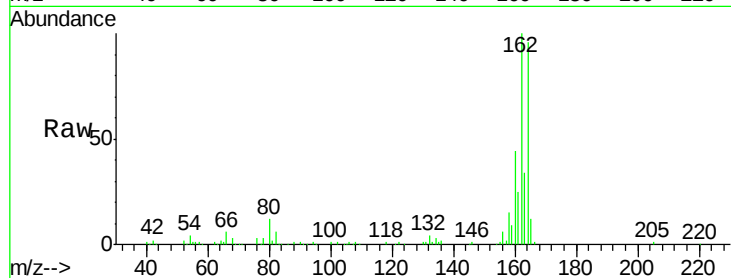
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

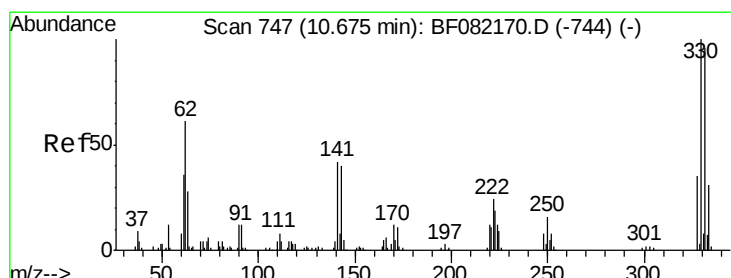
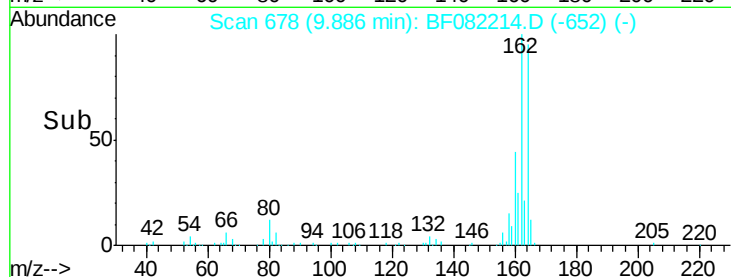
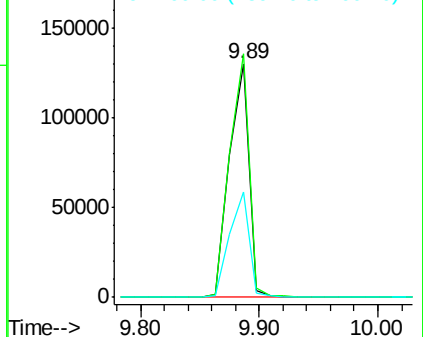
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149673		
162	104.1	81.6	122.4	
160	45.3	36.4	54.6	

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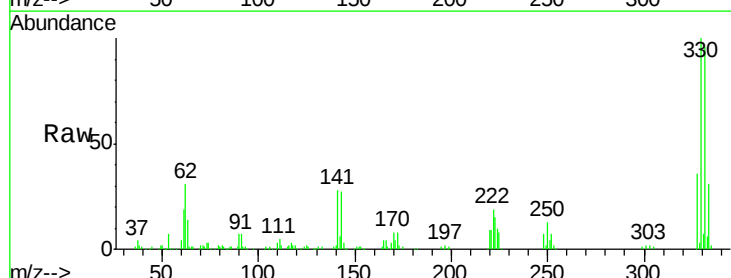


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

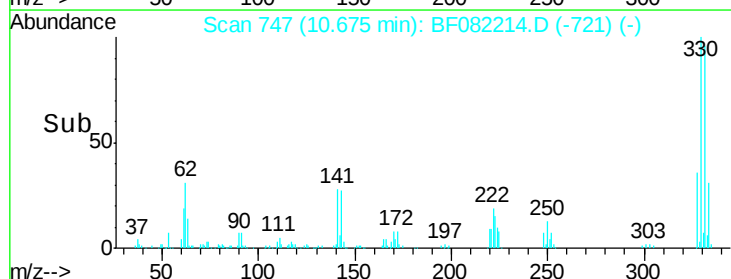
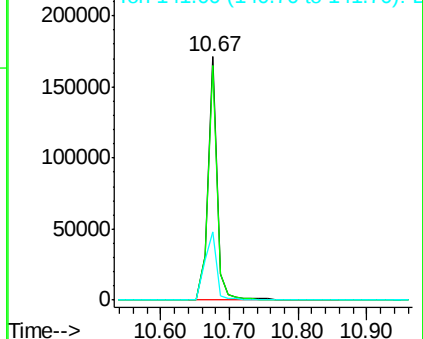


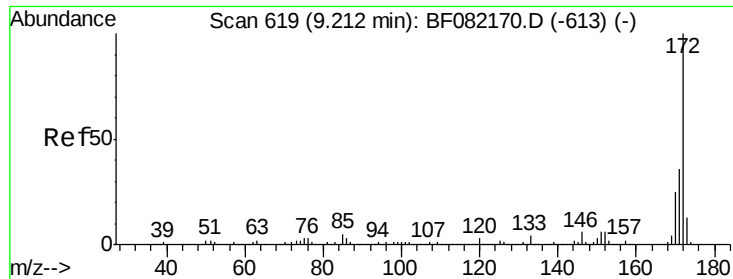
#41
2,4,6-Tribromophenol
Concen: 114.16 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	160244		
332	96.5	77.1	115.7	
141	35.4	29.8	44.8	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





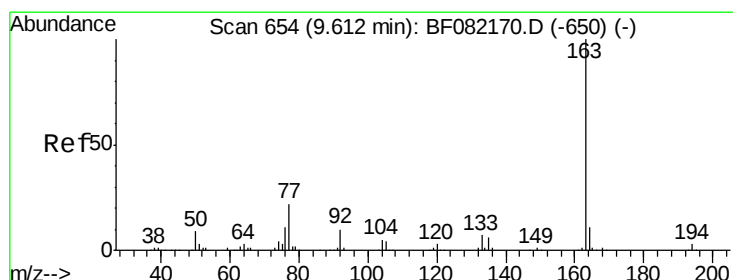
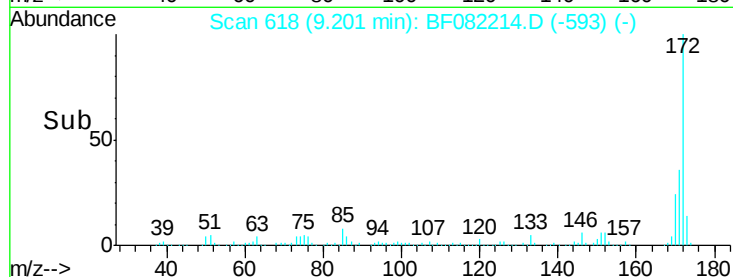
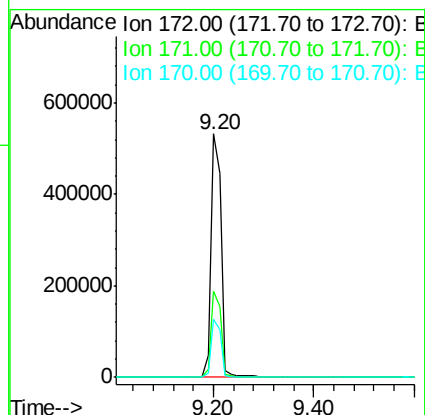
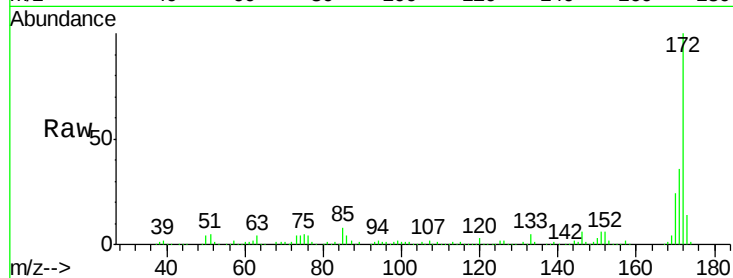
#44
2-Fluorobiphenyl
Concen: 82.23 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	742161		
171	35.7	28.6	42.8	
170	24.0	19.7	29.5	

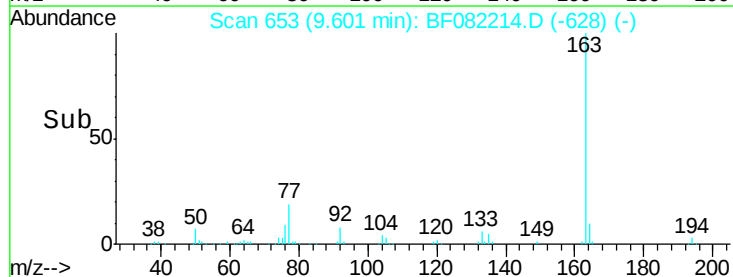
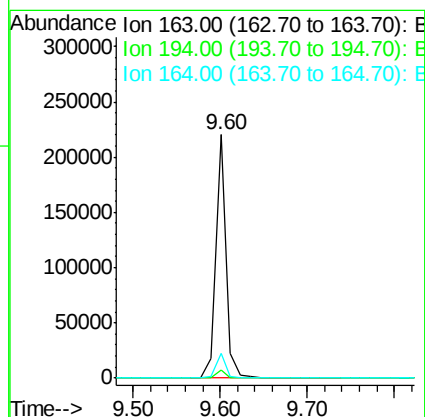
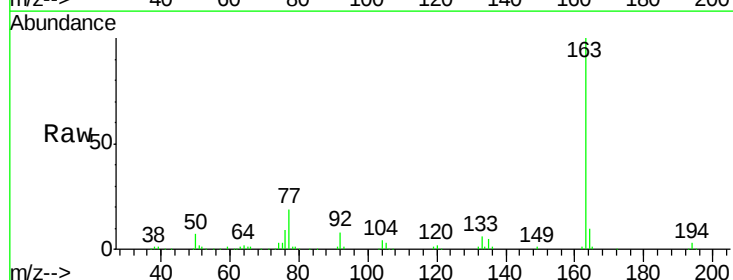
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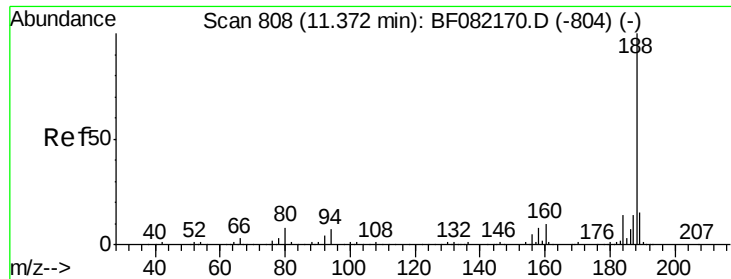
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#49
Dimethylphthalate
Concen: 17.38 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	183156		
194	3.5	2.6	4.0	
164	10.2	8.5	12.7	





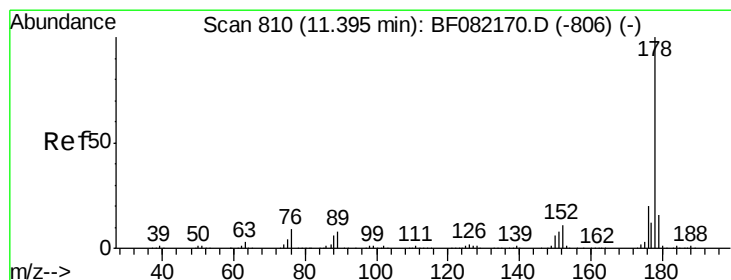
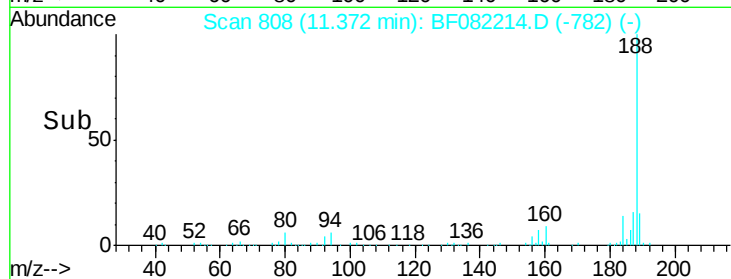
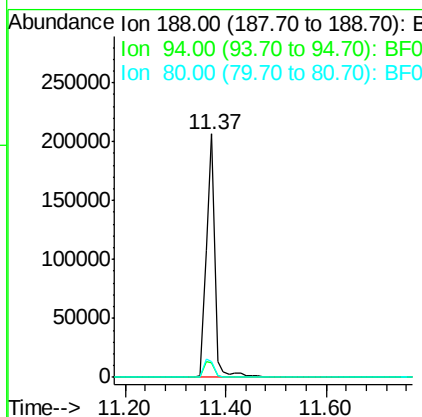
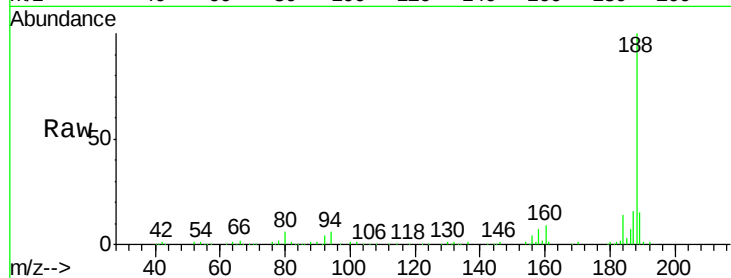
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	243899		
94	6.0		5.8	8.6
80	6.4		6.4	9.6

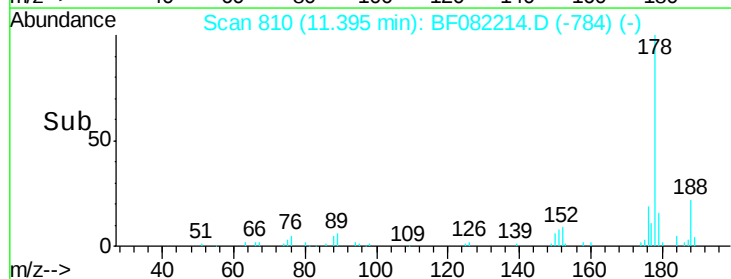
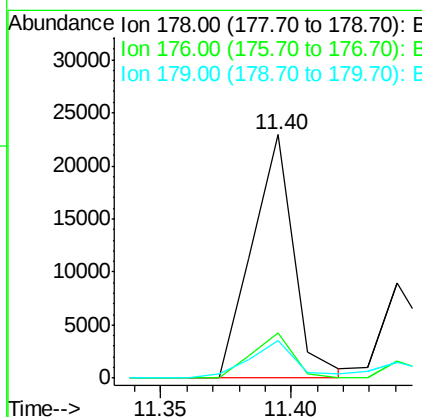
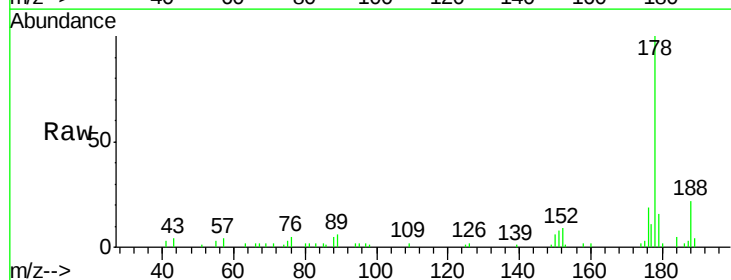
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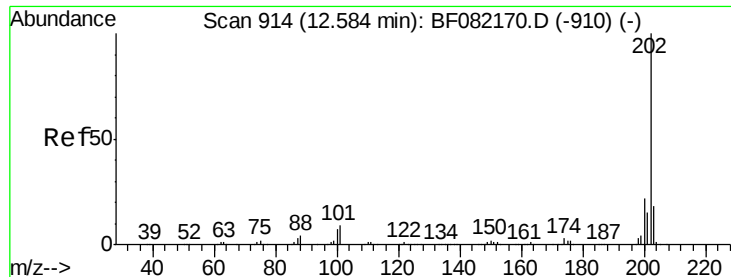
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#70
Phenanthrene
Concen: 2.15 ng
RT: 11.40 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082214.D
Acq: 11 Oct 2015 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	25692		
176	18.5		16.0	24.0
179	15.6		12.6	19.0





#74

Fluoranthene

Concen: 2.50 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082214.D

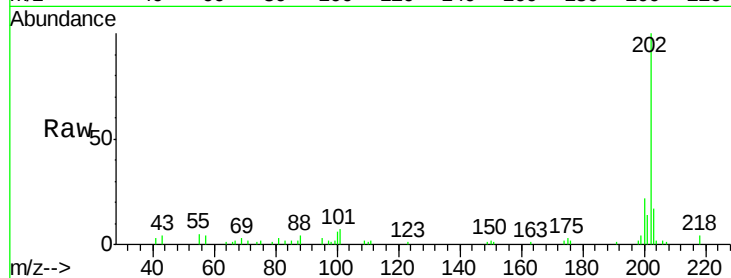
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Instrument :

BNA_F

ClientSampleId :

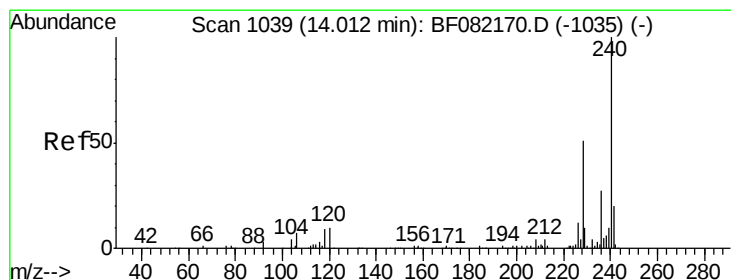
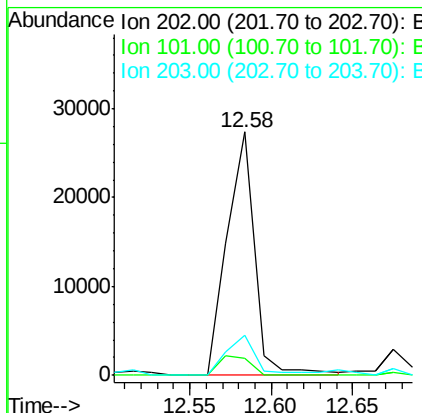
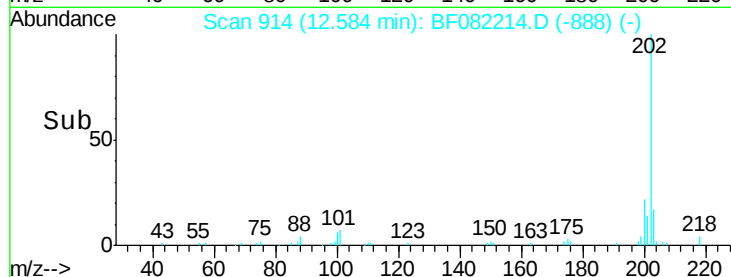
OS-SB-22(46-48)A



Tgt Ion:	202	Resp:	32091
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	29.3
203	16.5	0.0	37.8

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

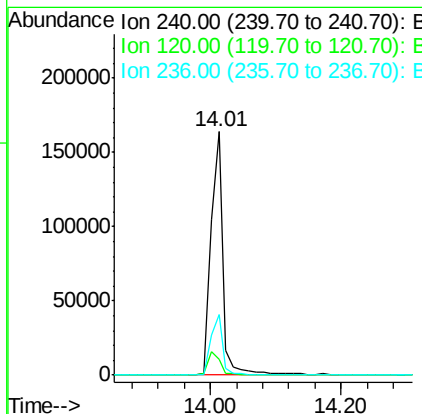
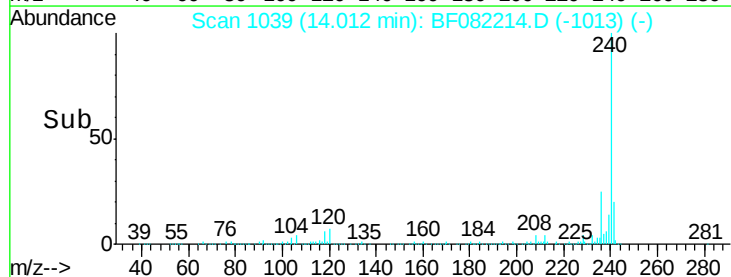
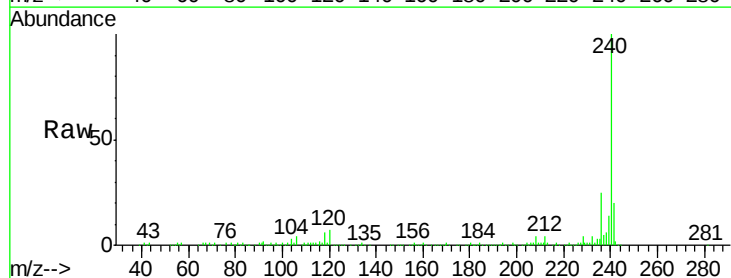
RT: 14.01 min Scan# 1039

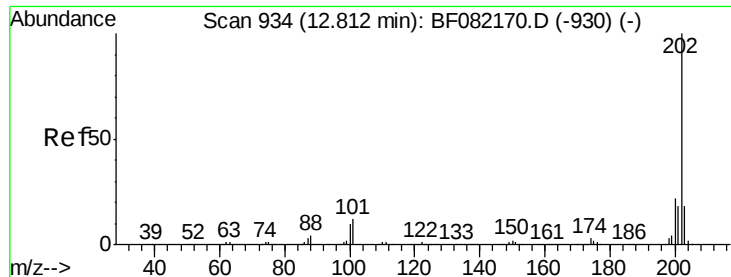
Delta R.T. 0.00 min

Lab File: BF082214.D

Acq: 11 Oct 2015 10:08

Tgt Ion:	240	Resp:	214042
Ion Ratio	Lower	Upper	
240	100		
120	6.6	8.1	12.1#
236	25.0	21.3	31.9





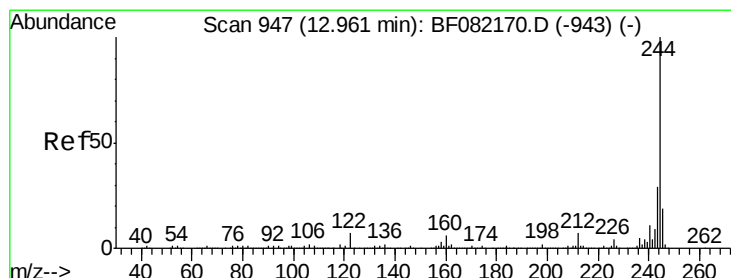
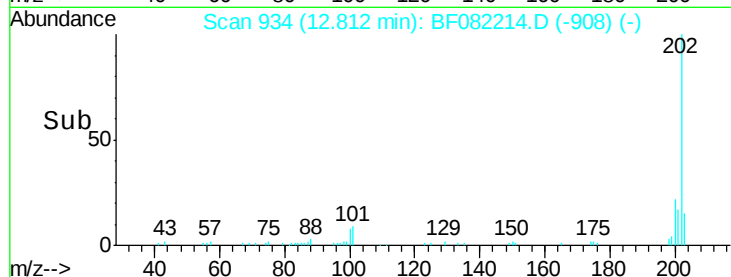
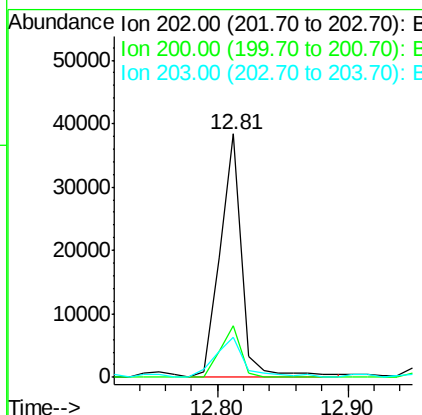
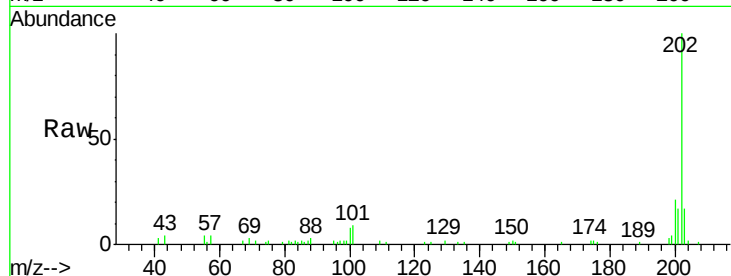
#77
 Pyrene
 Concen: 3.53 ng
 RT: 12.81 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF082214.D
 Acq: 11 Oct 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(46-48)A

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.9	26.9
203	16.6	14.5	21.7

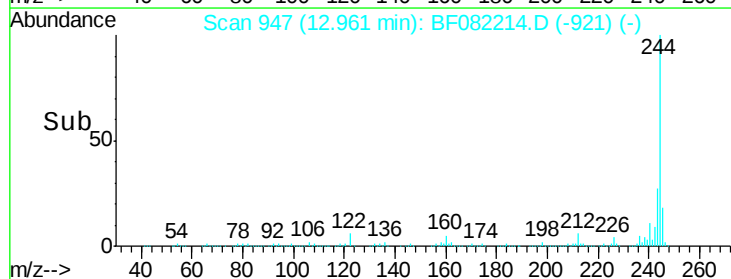
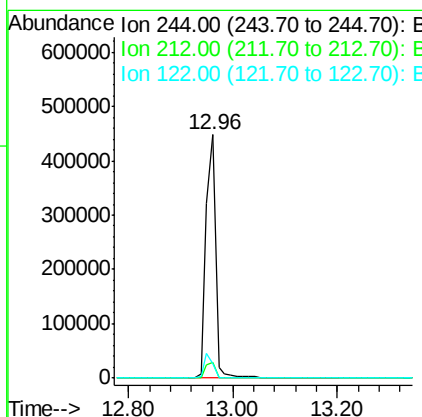
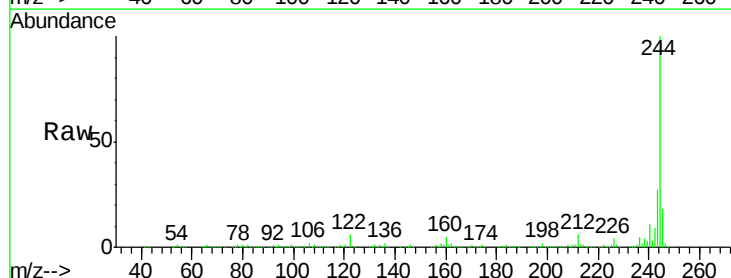
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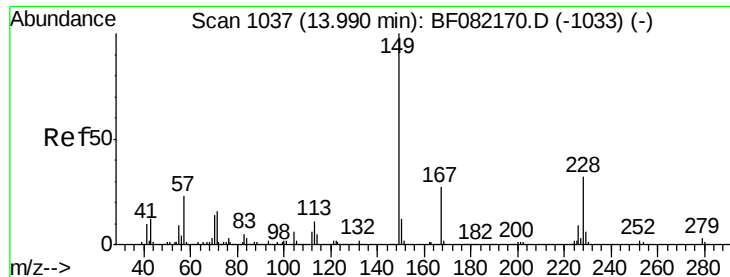
MMDadoda
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#78
 Terphenyl-d14
 Concen: 71.00 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082214.D
 Acq: 11 Oct 2015 10:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	5.8	5.9	8.9#





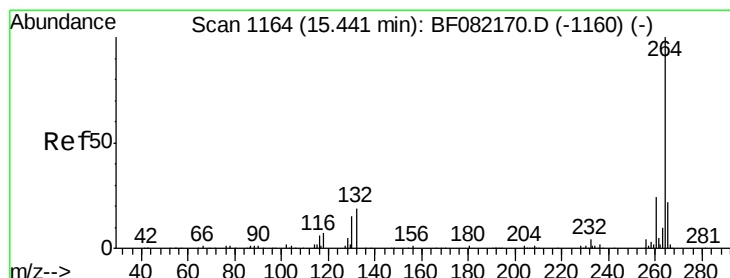
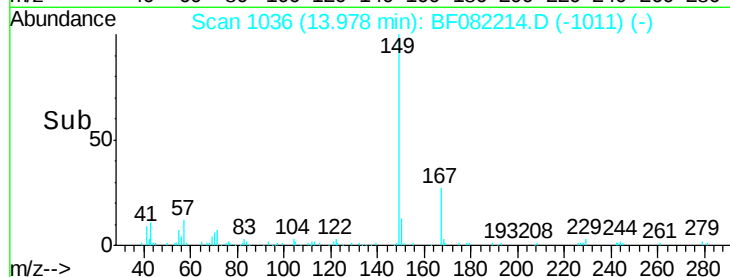
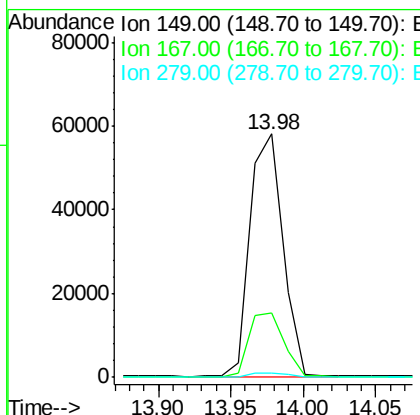
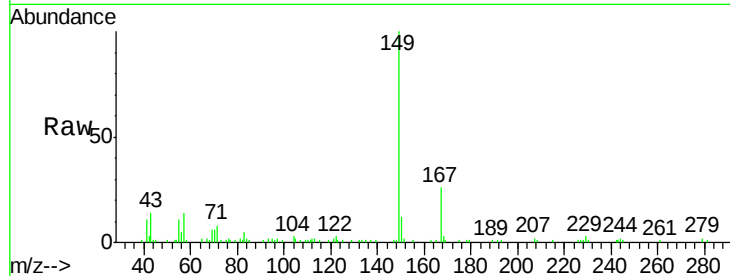
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.22 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF082214.D
 Acq: 11 Oct 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(46-48)A

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	92772		
167	26.4	21.3	31.9	
279	2.0	2.6	4.0	

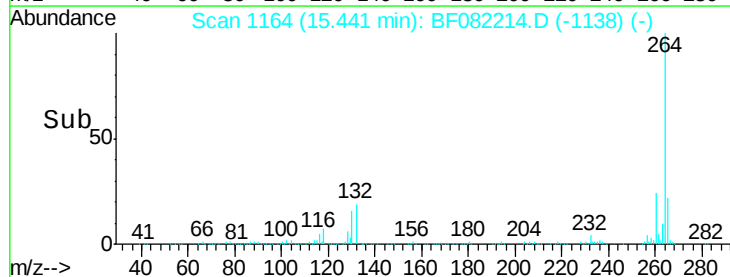
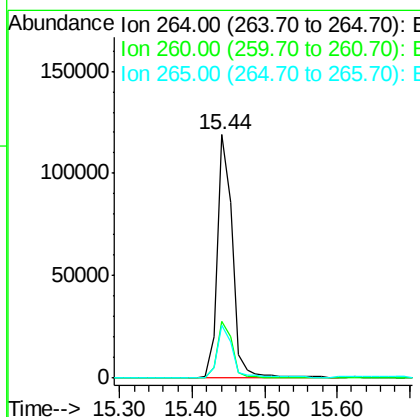
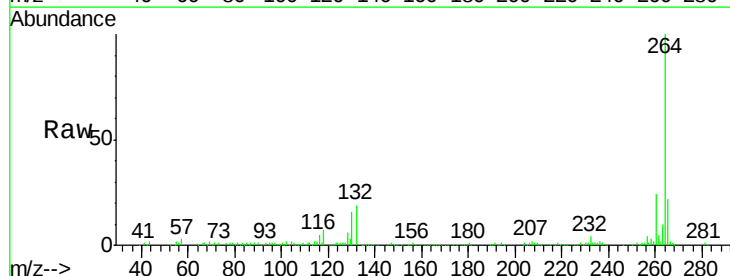
Manual Integrations
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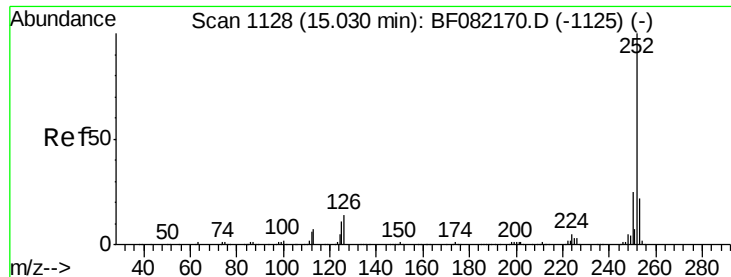
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 10/12/2015 2:39:48 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082214.D
 Acq: 11 Oct 2015 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	172583		
260	23.5	19.0	28.6	
265	21.5	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 3.10 ng m

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082214.D

Acq: 11 Oct 2015 10:08

Instrument :

BNA_F

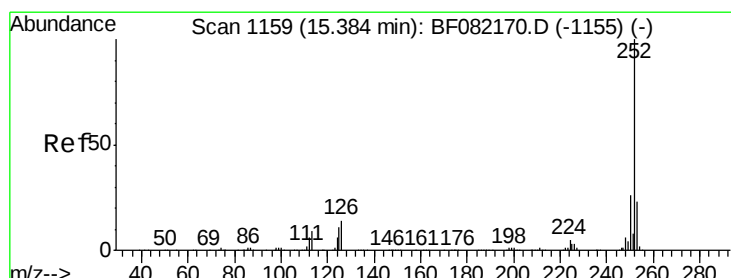
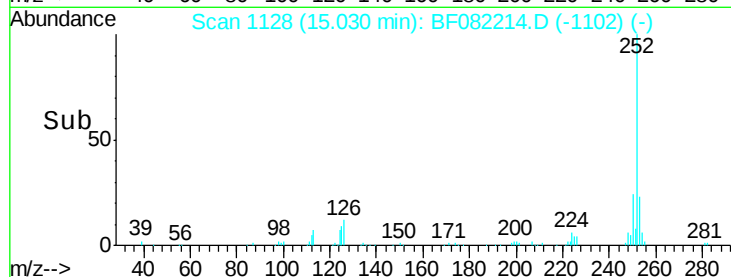
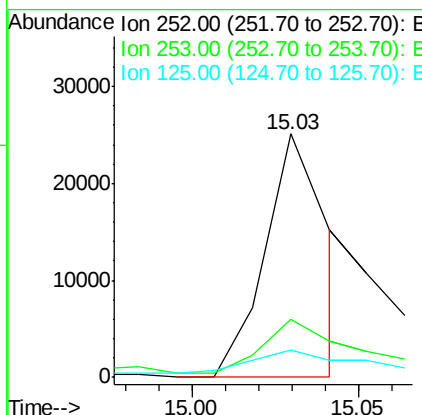
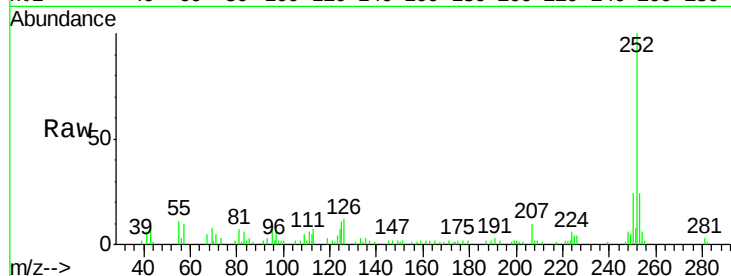
ClientSampleId :

OS-SB-22(46-48)A

Tgt Ion:	252	Resp:	32600
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.0	27.0
125	11.3	8.6	12.8

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.08 ng

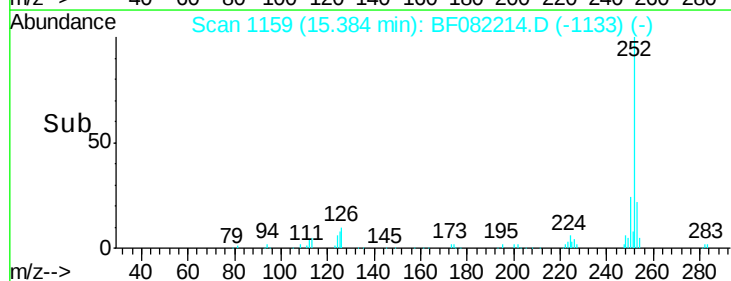
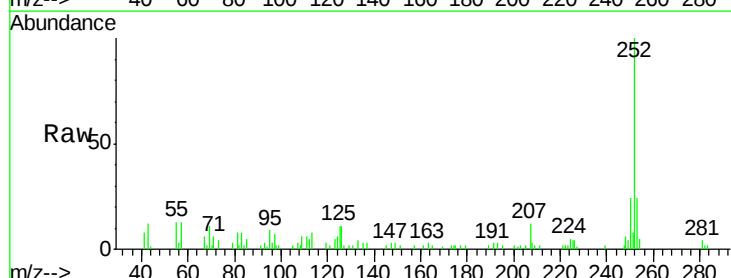
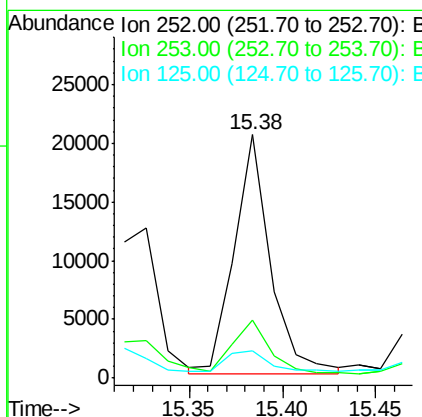
RT: 15.38 min Scan# 1159

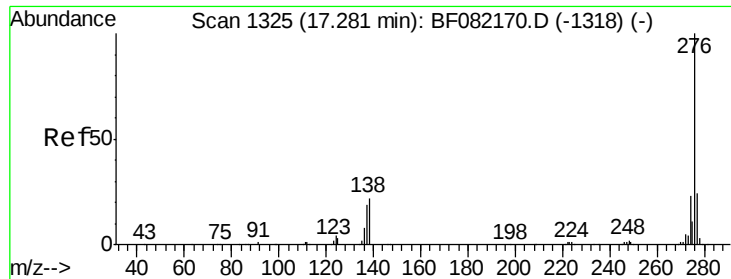
Delta R.T. 0.00 min

Lab File: BF082214.D

Acq: 11 Oct 2015 10:08

Tgt Ion:	252	Resp:	27755
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.2
125	11.3	8.9	13.3





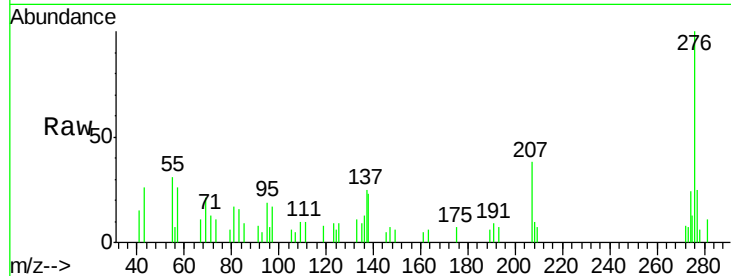
#91
 Benzo(g,h,i)perylene
 Concen: 2.19 ng
 RT: 17.27 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF082214.D
 Acq: 11 Oct 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(46-48)A

Tgt Ion:	276	Resp:	15745
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.8	28.2
138	23.0	17.4	26.2

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

