

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082976.D
 Acq On : 17 Nov 2015 20:05
 Operator : UM/IZ
 Sample : G4439-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-007

Manual Integrations
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 11/19/2015 8:25:12 AM

Quant Time: Nov 18 09:47:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	169317m	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	682982	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	356730	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	688946	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	643290	20.00	ng	-0.11
86) Perylene-d12	15.30	264	450165	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1406576	129.26	ng	-0.07
7) Phenol-d6	6.41	99	1495741	103.39	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1388863	88.48	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	483665	118.25	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	2039169	81.93	ng	-0.10
78) Terphenyl-d14	12.87	244	2009596	74.09	ng	-0.10

Target Compounds Qvalue

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

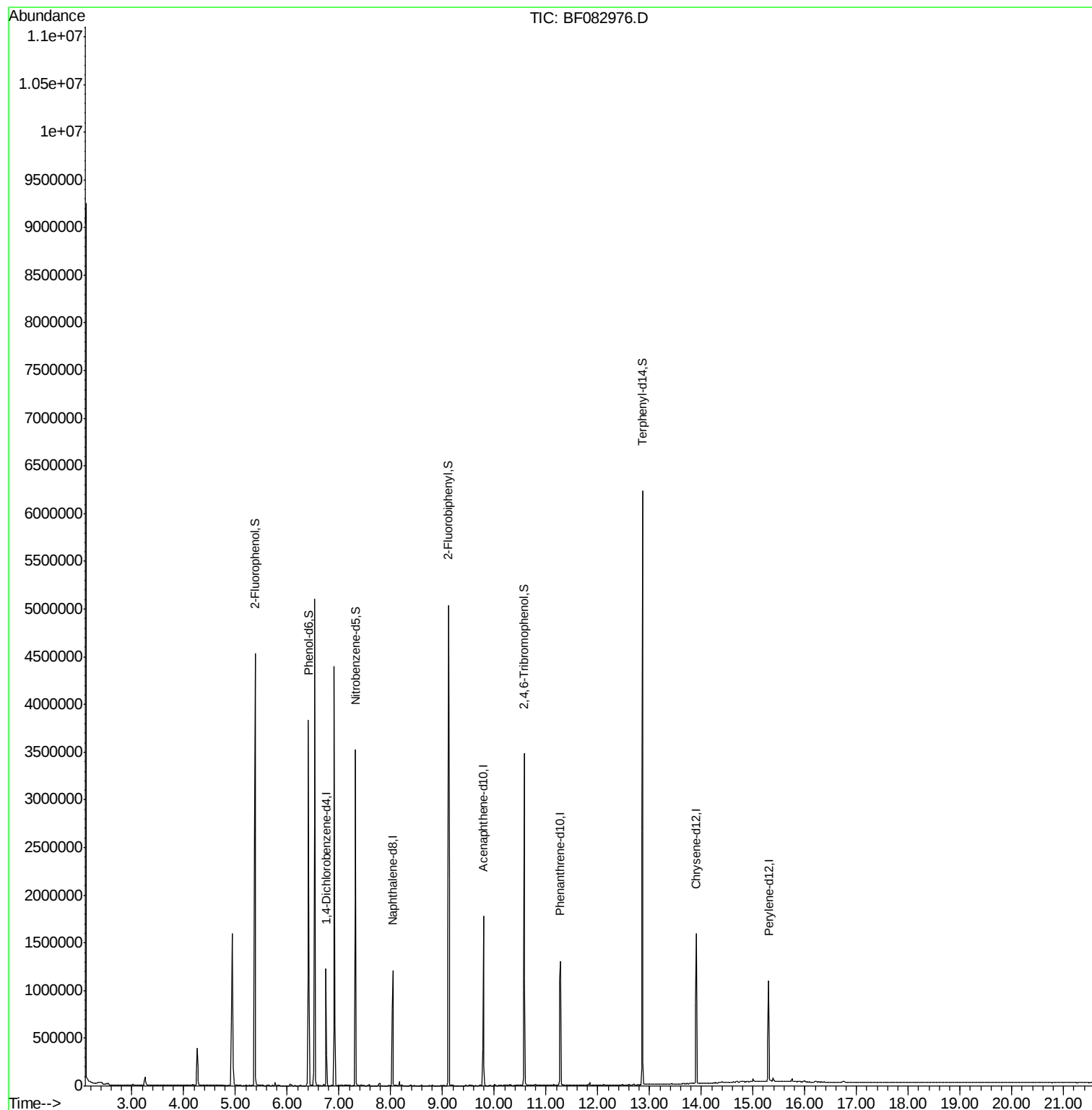
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082976.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

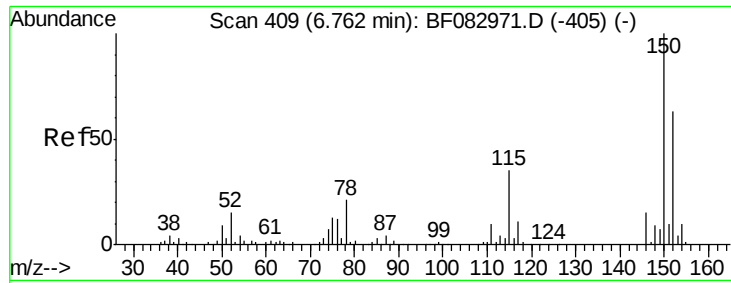
Instrument :
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#1

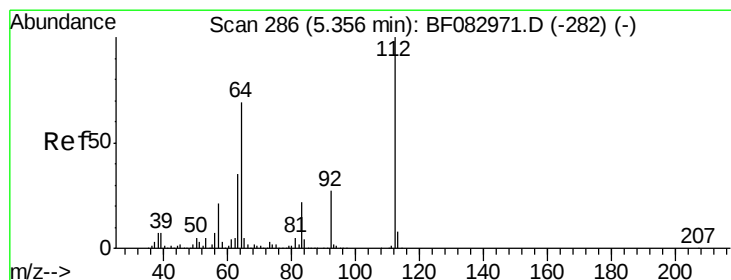
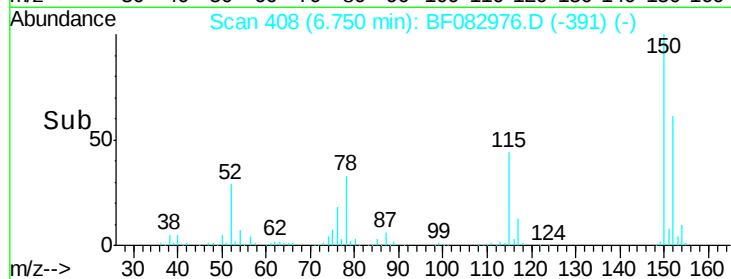
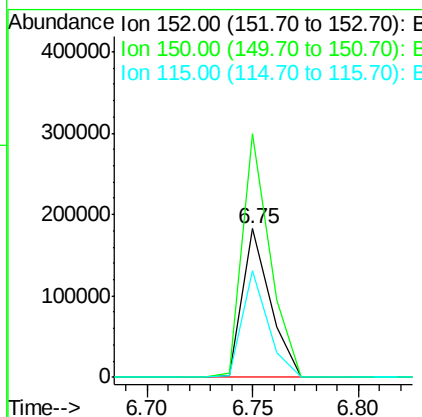
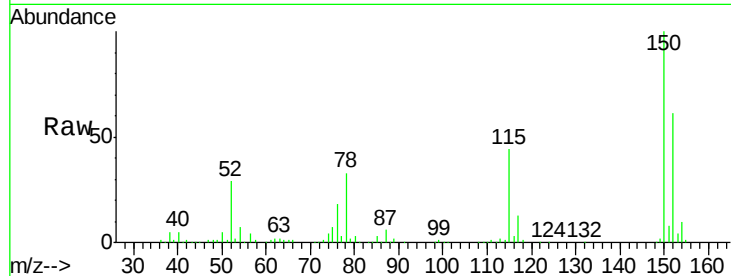
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-007

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	169317		
150	164.0	127.0	190.4	
115	72.2	47.0	70.6#	

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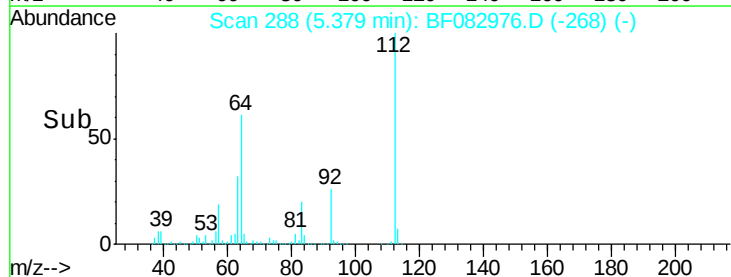
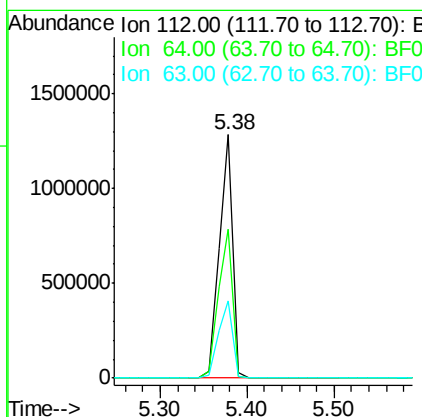
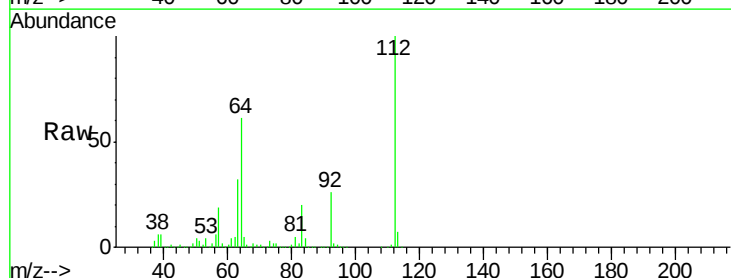
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#5

2-Fluorophenol
Concen: 129.26 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1406576		
64	61.3	48.9	73.3	
63	31.6	28.1	42.1	





#7

Phenol-d6

Concen: 103.39 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082976.D

Acq: 17 Nov 2015 20:05

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-007

Tgt Ion: 99 Resp: 1495741

Ion Ratio Lower Upper

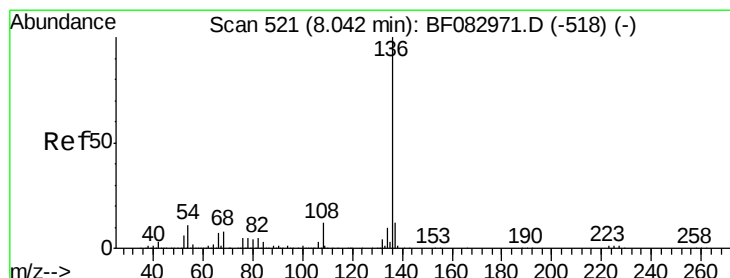
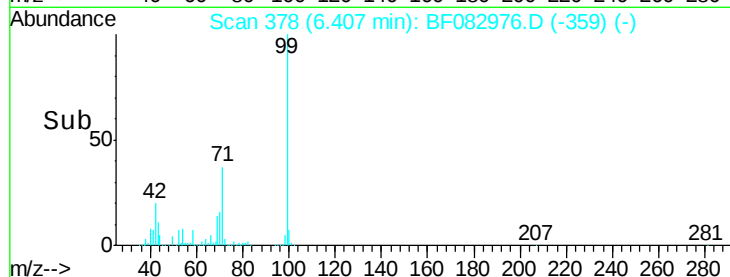
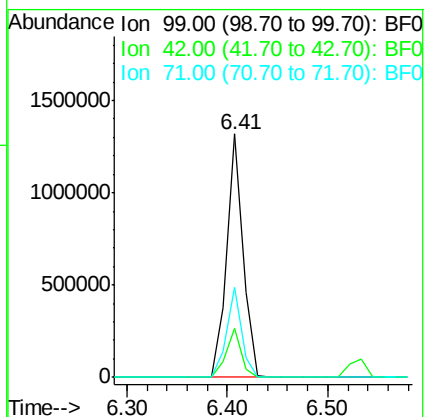
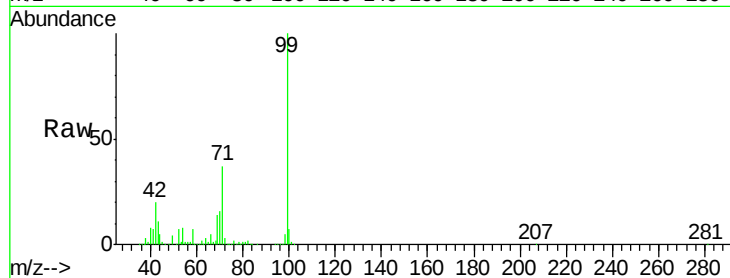
99 100

42 20.0 19.2 28.8

71 36.8 35.0 52.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082976.D

Acq: 17 Nov 2015 20:05

Tgt Ion: 136 Resp: 682982

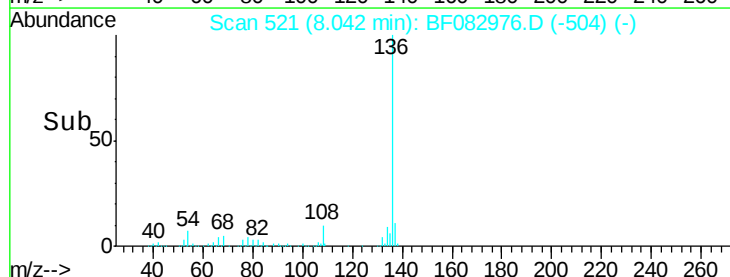
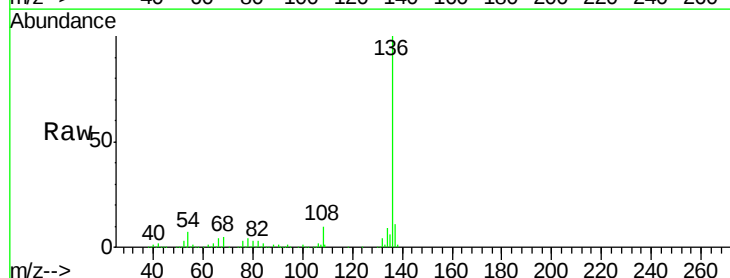
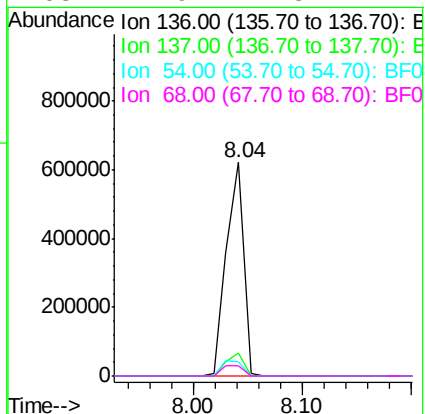
Ion Ratio Lower Upper

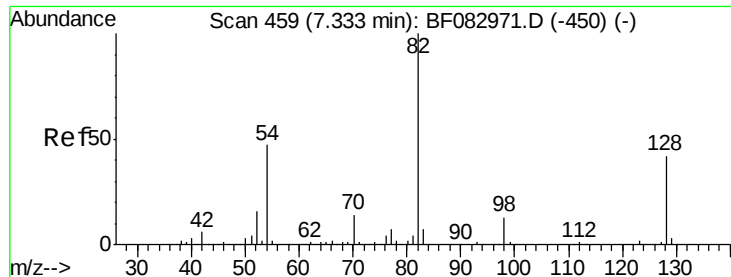
136 100

137 10.9 9.1 13.7

54 6.7 9.1 13.7#

68 4.9 4.8 7.2





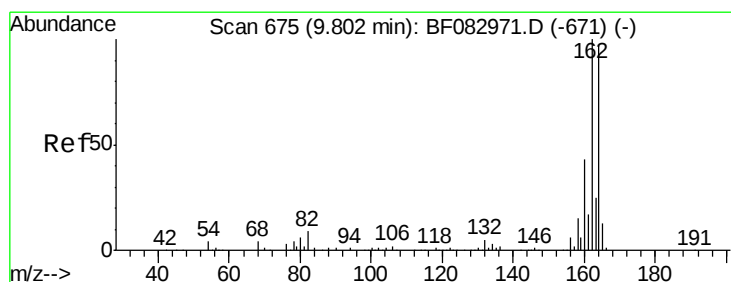
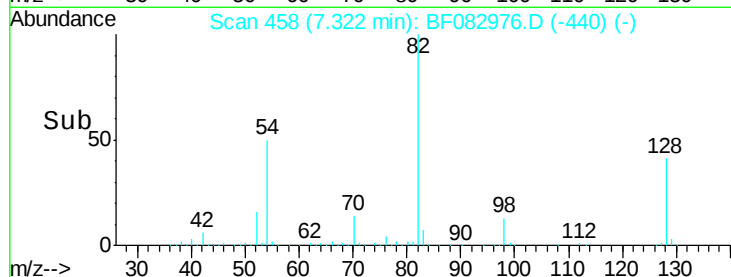
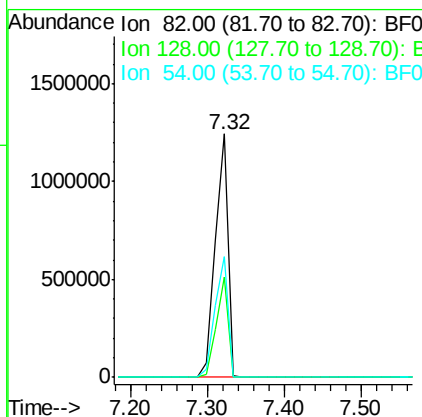
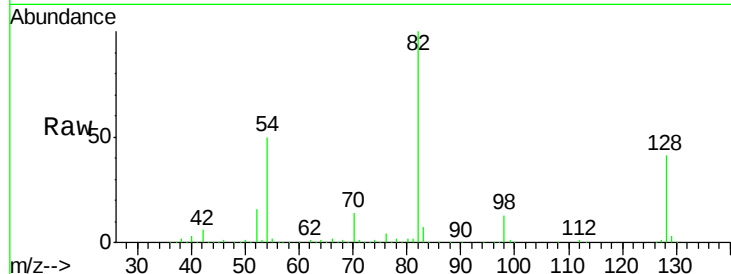
#23
 Nitrobenzene-d5
 Concen: 88.48 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082976.D
 Acq: 17 Nov 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-007

Tgt Ion: 82 Resp: 1388863
 Ion Ratio Lower Upper
 82 100
 128 41.2 26.8 40.2#
 54 49.8 45.7 68.5

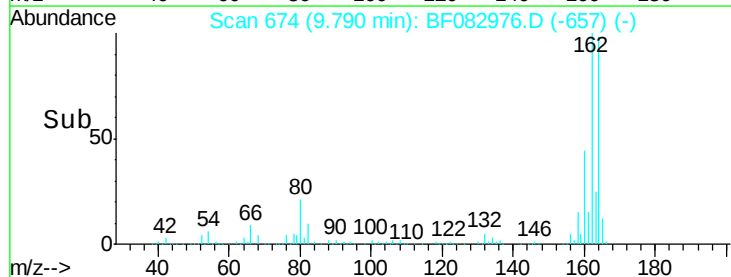
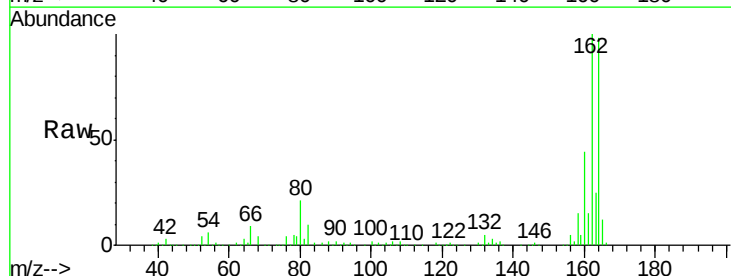
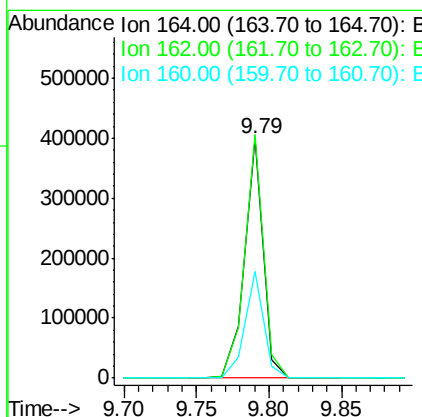
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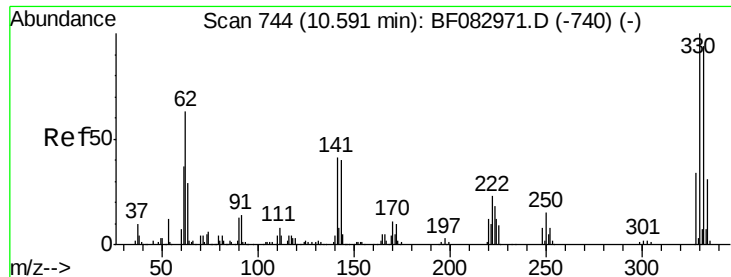
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082976.D
 Acq: 17 Nov 2015 20:05

Tgt Ion: 164 Resp: 356730
 Ion Ratio Lower Upper
 164 100
 162 101.6 84.9 127.3
 160 44.4 37.5 56.3





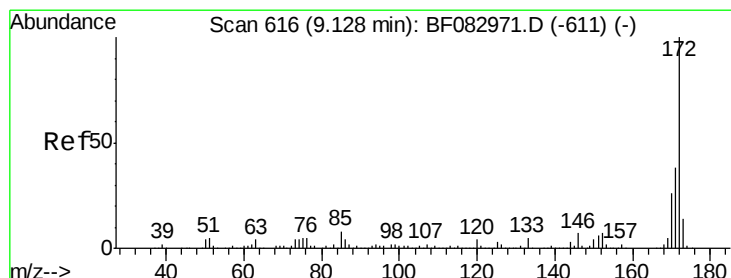
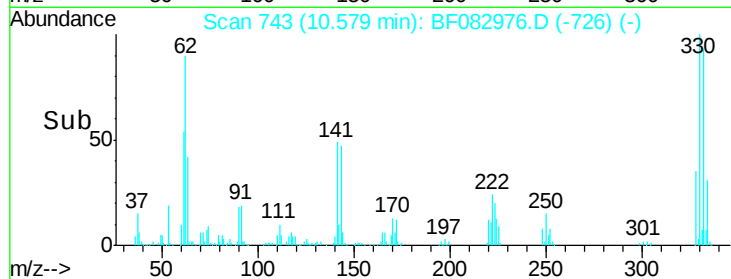
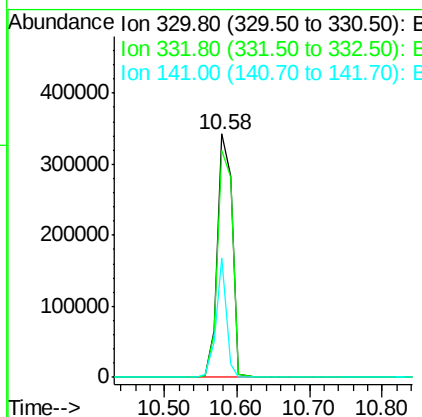
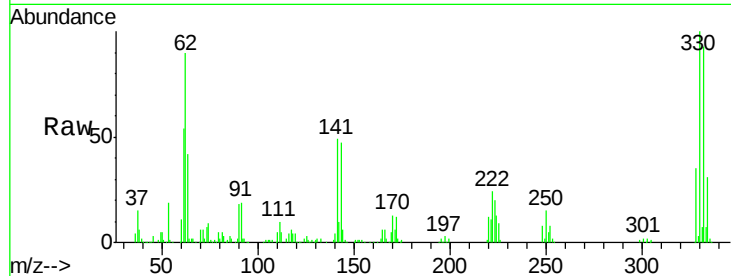
#41
 2,4,6-Tribromophenol
 Concen: 118.25 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082976.D
 Acq: 17 Nov 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-007

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	483665		
332	95.9	76.6	114.8	
141	34.4	41.2	61.8#	

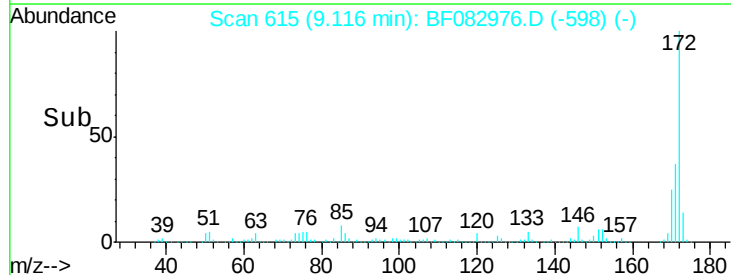
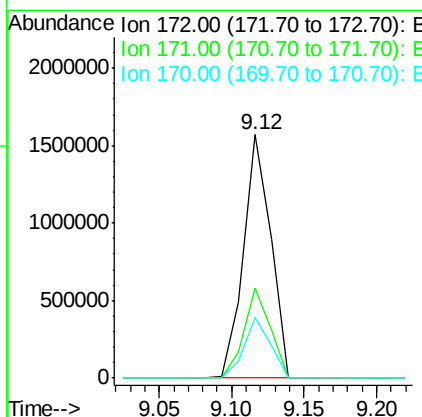
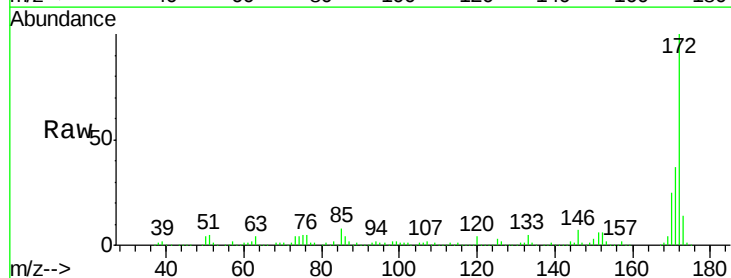
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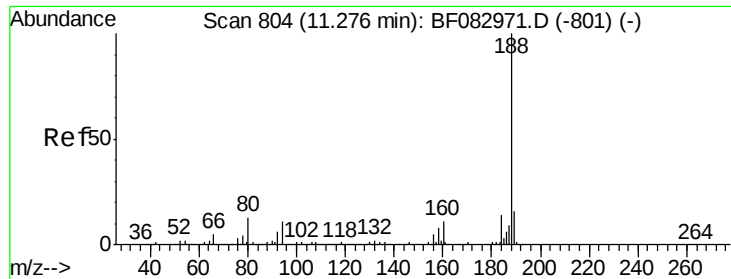
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#44
 2-Fluorobiphenyl
 Concen: 81.93 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082976.D
 Acq: 17 Nov 2015 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2039169		
171	37.1	30.8	46.2	
170	24.9	21.2	31.8	





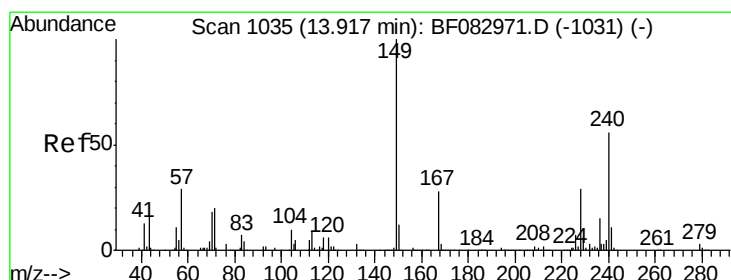
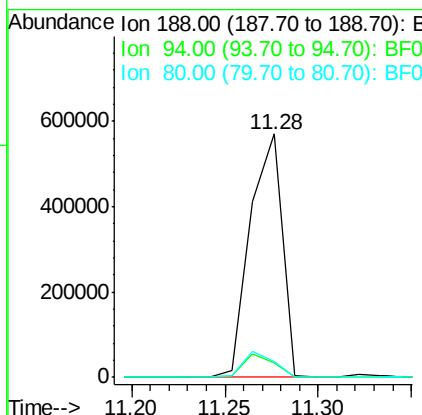
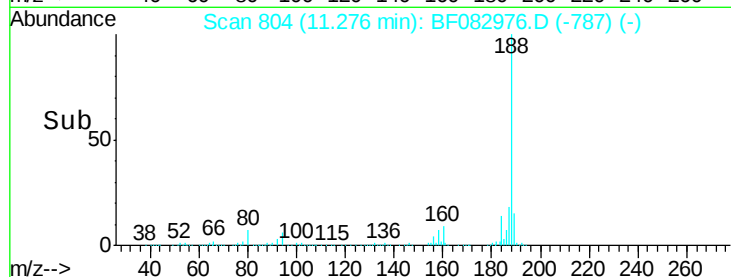
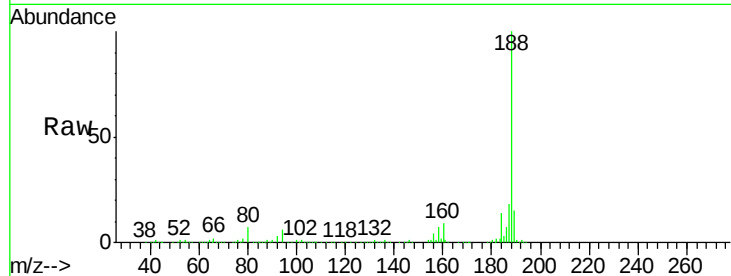
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.1	6.1	9.1#
80	6.5	7.0	10.6#

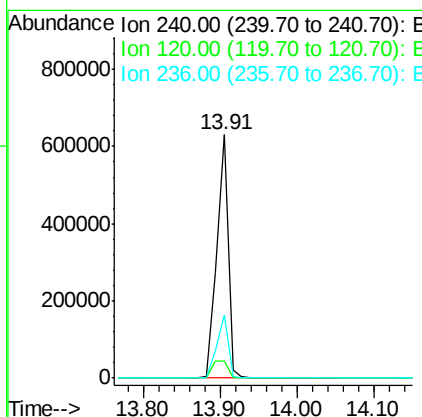
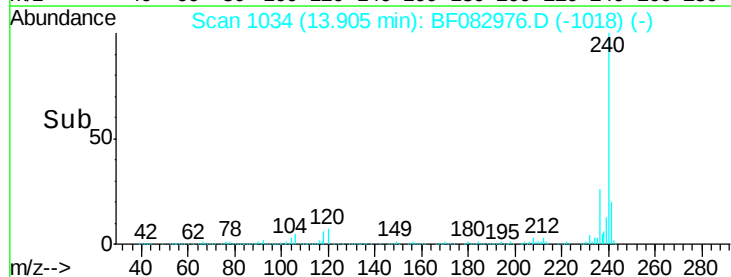
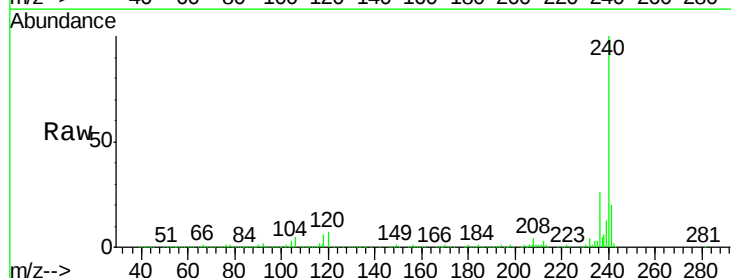
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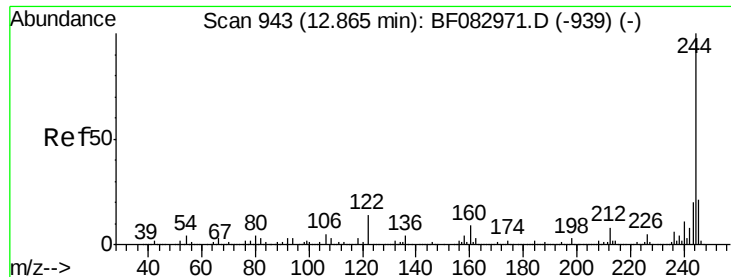
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.0	10.9	16.3#
236	26.2	21.6	32.4





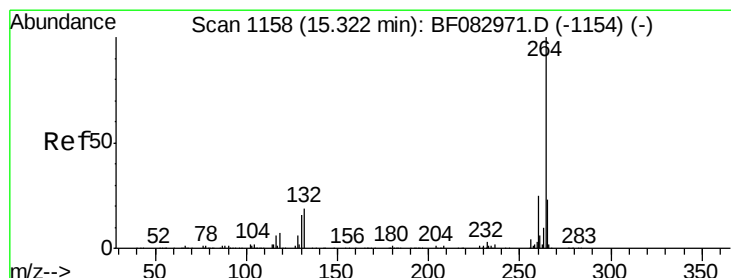
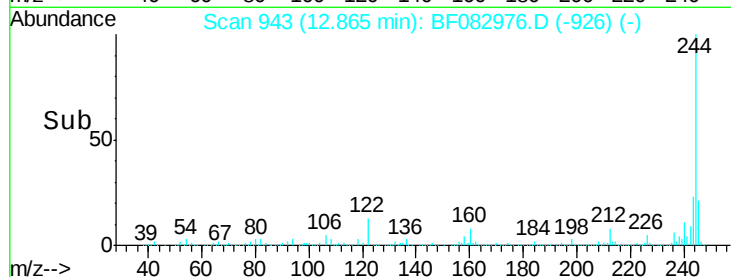
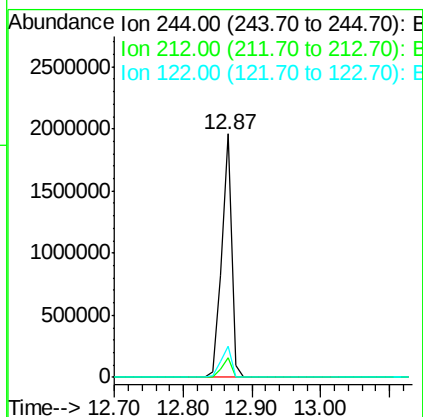
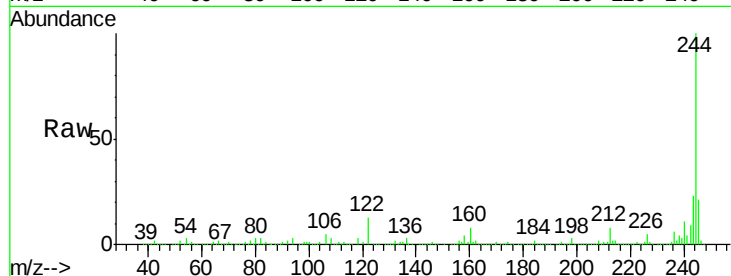
#78
 Terphenyl-d14
 Concen: 74.09 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082976.D
 Acq: 17 Nov 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-007

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	12.7	11.3	16.9

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082976.D
 Acq: 17 Nov 2015 20:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	20.8	17.4	26.0

