

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085981.D
 Acq On : 2 Apr 2016 00:39
 Operator : UM/SJ
 Sample : H1824-03
 Misc : LOD 5PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations
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 4/4/2016 7:39:26 PM

Quant Time: Apr 02 01:40:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102098	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	409635	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	190751	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	378102	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	346569	20.00	ng	0.00
86) Perylene-d12	15.33	264	289867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	766843	128.38	ng	0.00
7) Phenol-d6	6.42	99	1019626	134.39	ng	0.00
23) Nitrobenzene-d5	7.34	82	617713	88.93	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	279215	155.95	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1105745	96.38	ng	0.00
78) Terphenyl-d14	12.88	244	1063393	72.13	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.29	79	17751m	2.80	ng	
4) n-Nitrosodimethylamine	3.13	42	7879m	2.83	ng	
32) Benzoic acid	7.82	122	7689	1.60	ng	96
40) Hexachlorocyclopentadiene	8.92	237	1765	6.54	ng	90
53) 2,4-Dinitrophenol	9.92	184	1168	3.04	ng	# 70

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

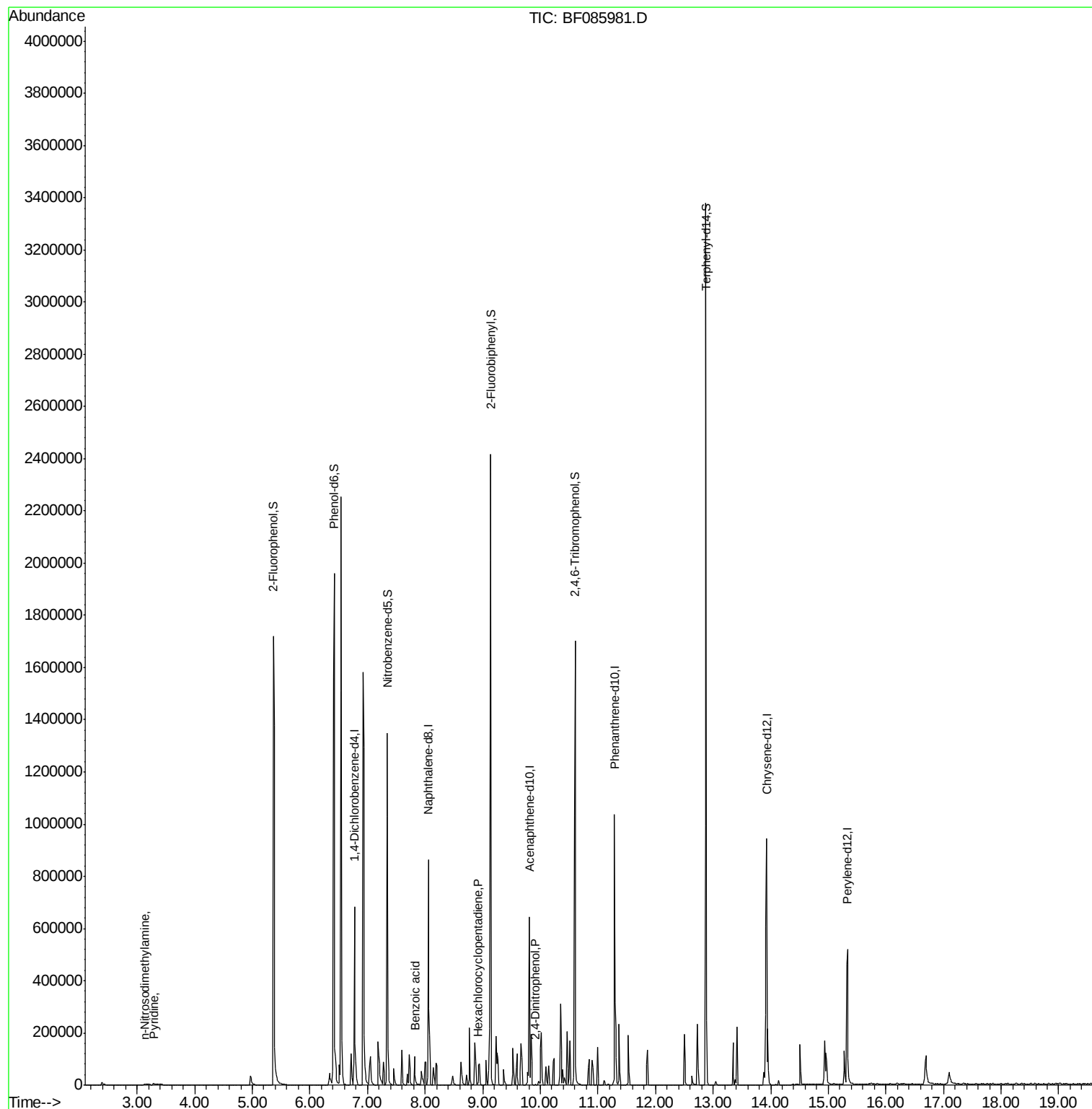
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
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Acq On : 2 Apr 2016 00:39
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085981.D

Acq: 2 Apr 2016 00:39

Instrument :

BNA_F

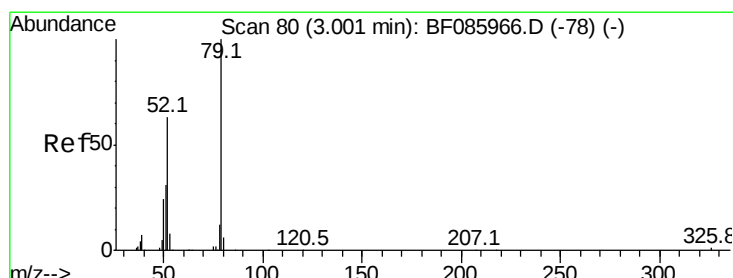
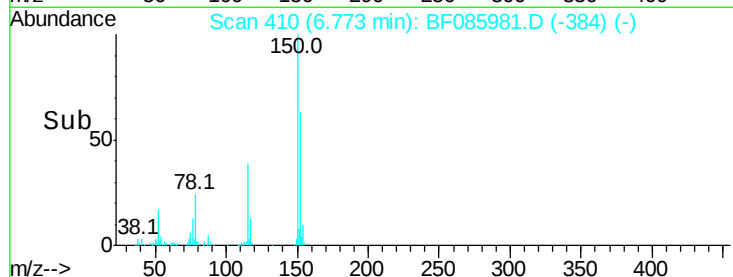
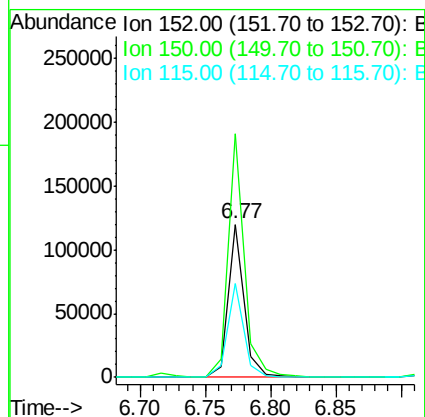
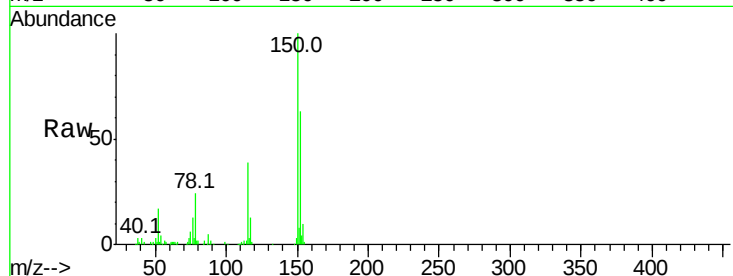
ClientSampleId :

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Tot Ion:	152	Resp:	102098
Ion Ratio	Lower	Upper	
152	100		
150	159.2	124.2	186.2
115	61.5	47.0	70.6



#3

Pyridine

Concen: 2.80 ng m

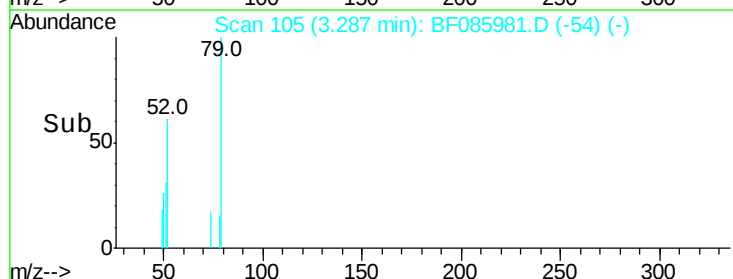
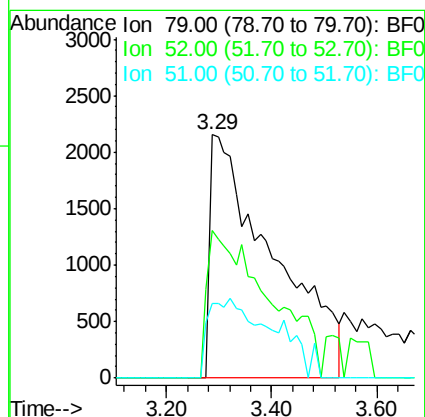
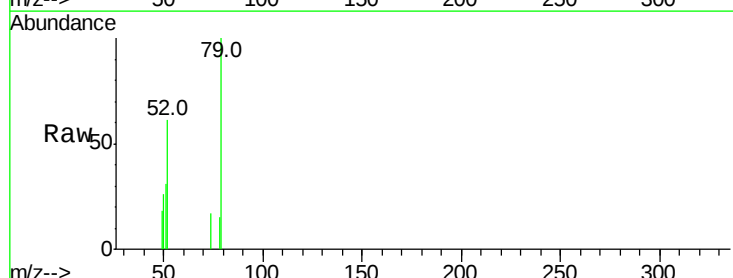
RT: 3.29 min Scan# 105

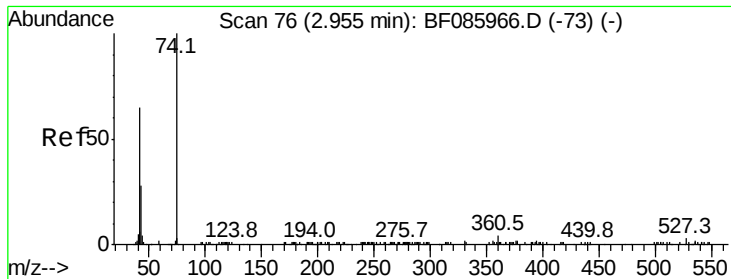
Delta R.T. 0.29 min

Lab File: BF085981.D

Acq: 2 Apr 2016 00:39

Tgt Ion:	79	Resp:	17751
Ion Ratio	Lower	Upper	
79	100		
52	60.9	49.8	74.6
51	30.5	24.7	37.1





#4

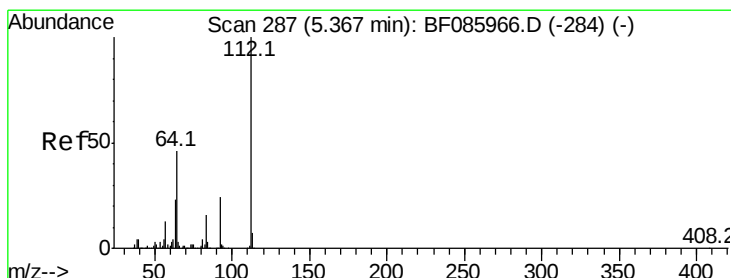
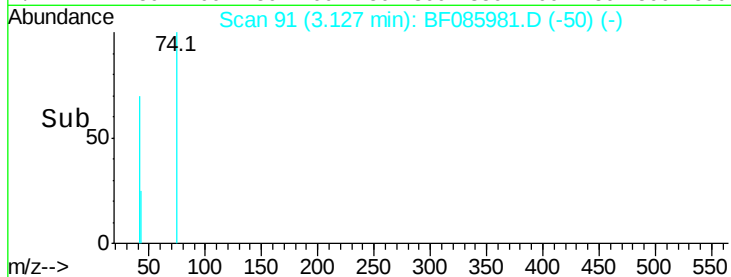
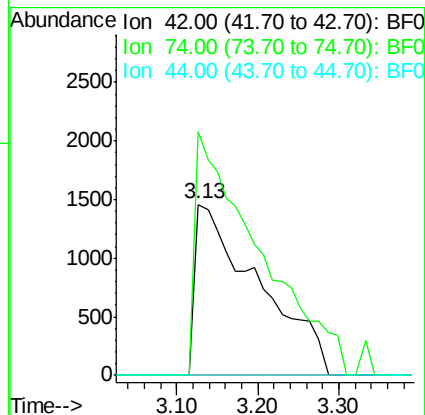
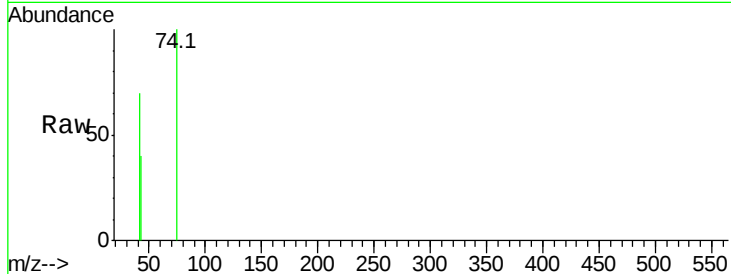
n-Nitrosodimethylamine
 Concen: 2.83 ng/ml
 RT: 3.13 min Scan# 91
 Delta R.T. 0.17 min
 Lab File: BF085981.D
 Acq: 2 Apr 2016 00:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
42	100		
74	142.3	121.4	182.2
44	0.0	5.6	8.4

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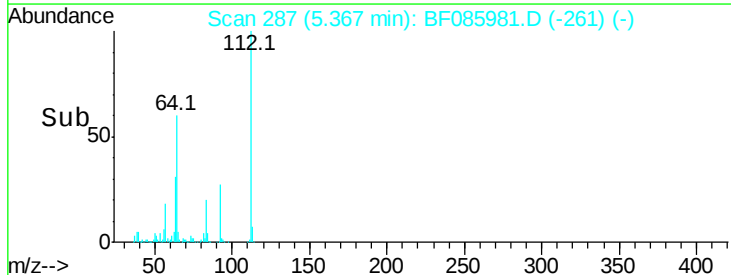
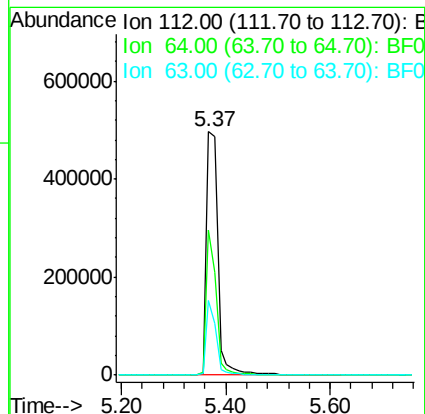
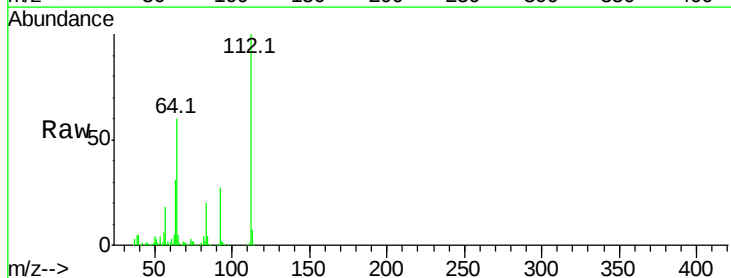
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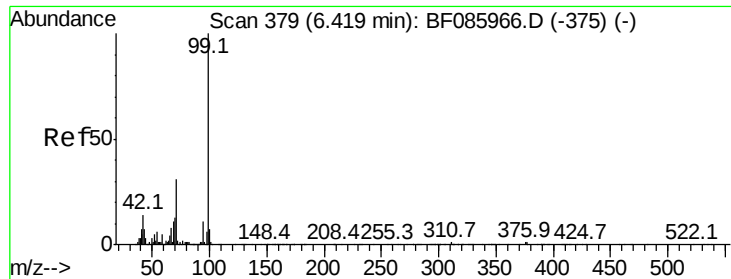


#5

2-Fluorophenol
 Concen: 128.38 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF085981.D
 Acq: 2 Apr 2016 00:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	39.9	59.9
63	30.6	20.2	30.2





#7

Phenol-d6

Concen: 134.39 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085981.D

Acq: 2 Apr 2016 00:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01

Tot Ion: 99 Resp: 1019626

Ion Ratio Lower Upper

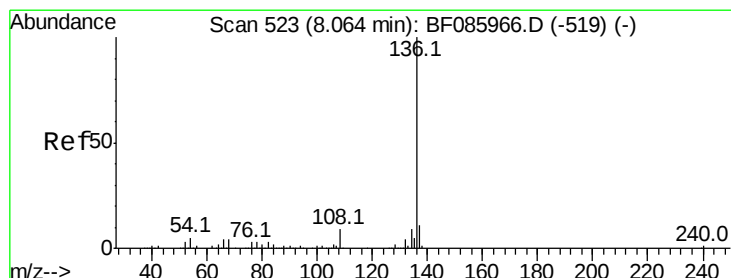
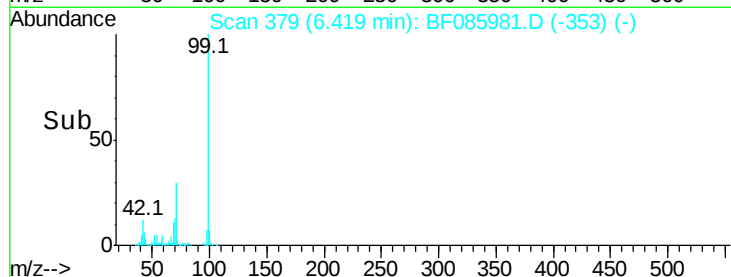
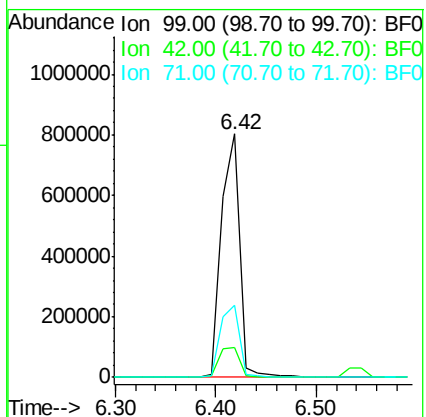
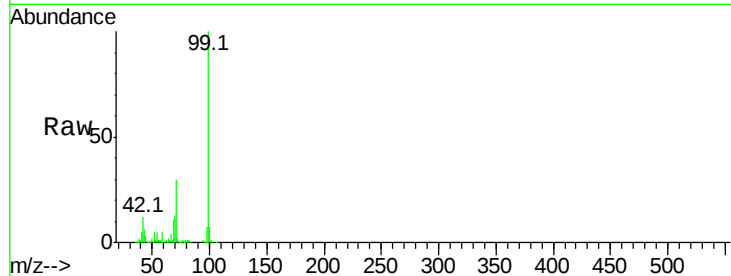
99 100

42 12.0 11.1 16.7

71 29.7 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085981.D

Acq: 2 Apr 2016 00:39

Tgt Ion: 136 Resp: 409635

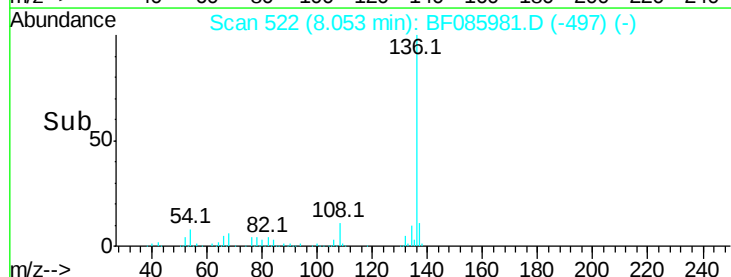
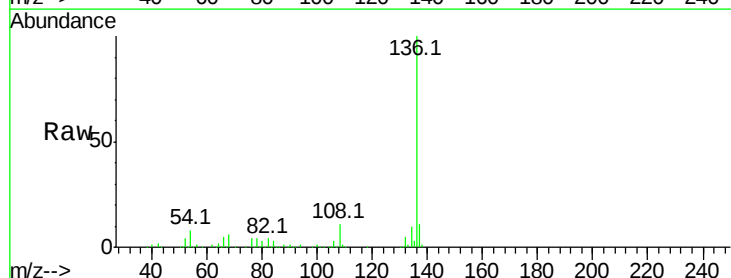
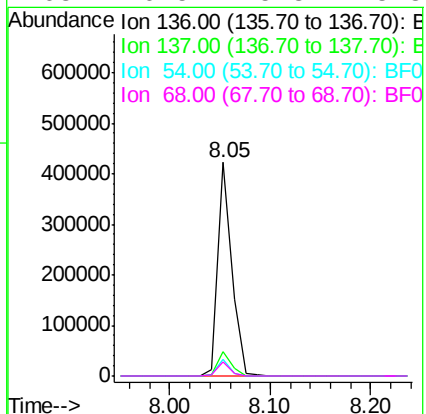
Ion Ratio Lower Upper

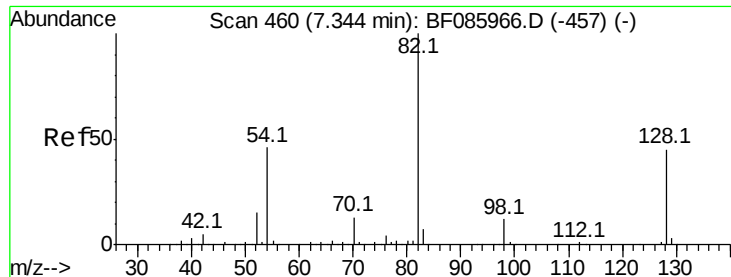
136 100

137 11.3 9.1 13.7

54 7.8 7.4 11.0

68 6.5 5.8 8.8





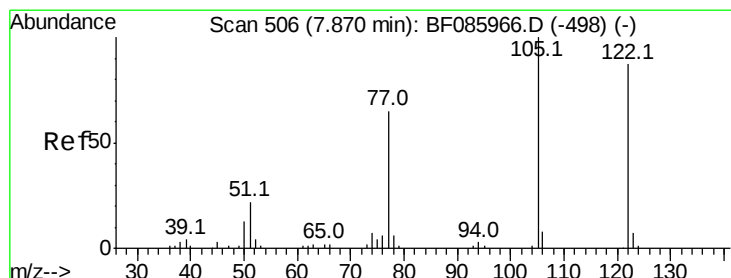
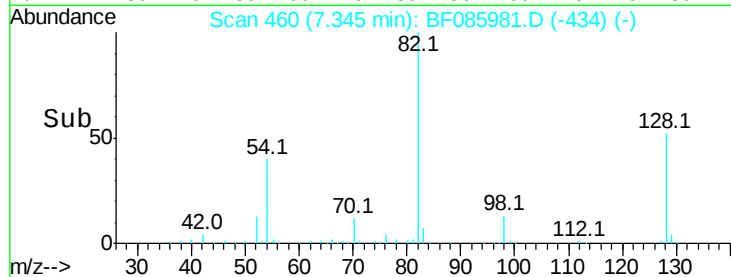
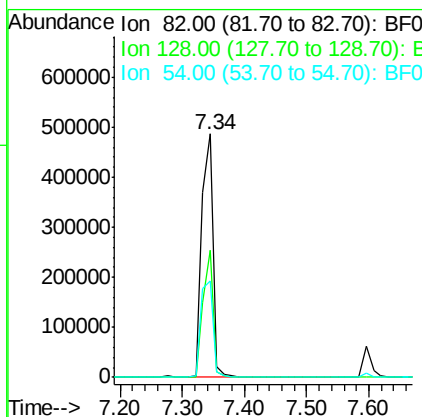
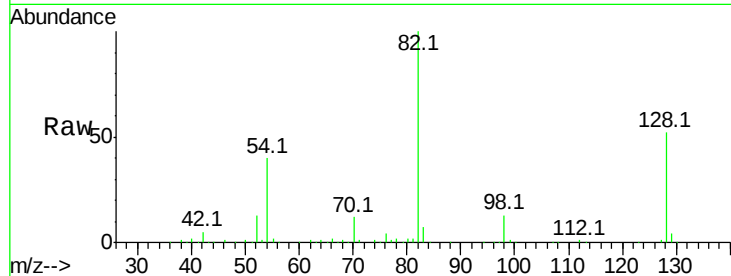
#23
 Nitrobenzene-d5
 Concen: 88.93 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085981.D
 Acq: 2 Apr 2016 00:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.3	41.8	62.8
54	39.6	33.4	50.0

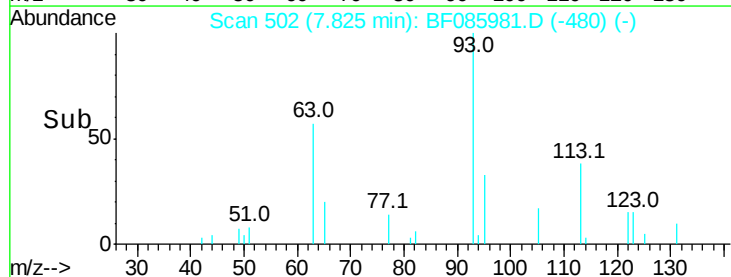
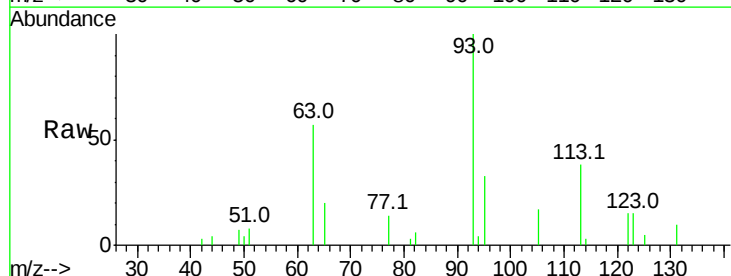
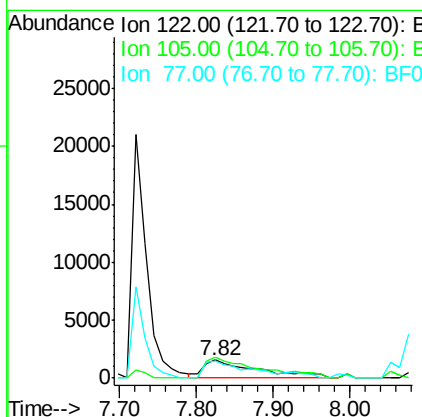
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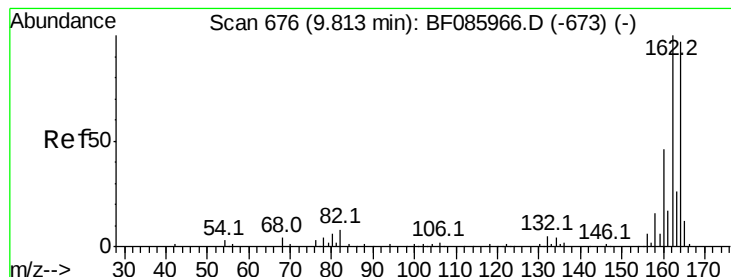
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#32
 Benzoic acid
 Concen: 1.60 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.05 min
 Lab File: BF085981.D
 Acq: 2 Apr 2016 00:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	102.9	142.9
77	93.5	71.8	111.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085981.D

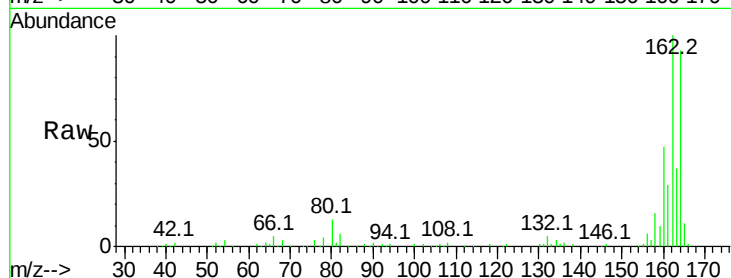
Acq: 2 Apr 2016 00:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01



Tot Ion:164 Resp: 190751

Ion Ratio Lower Upper

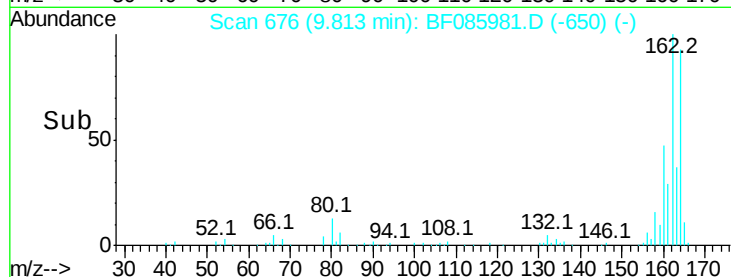
164 100

162 107.4 82.1 123.1

160 50.6 37.4 56.2

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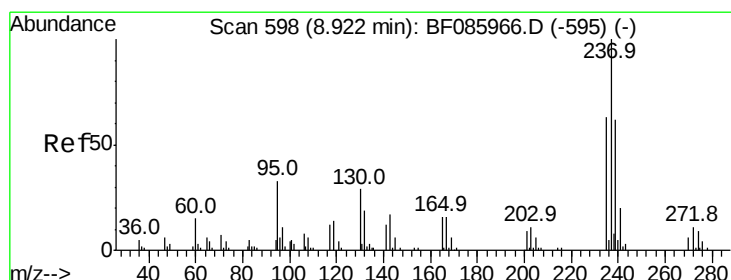
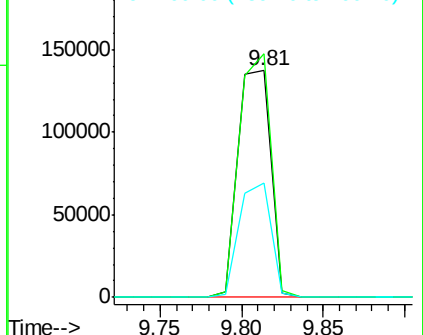
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.54 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF085981.D

Acq: 2 Apr 2016 00:39

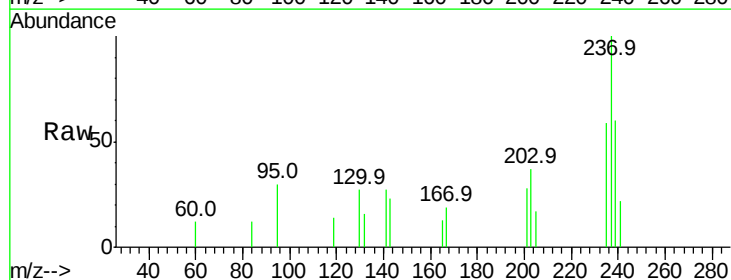
Tgt Ion:237 Resp: 1765

Ion Ratio Lower Upper

237 100

235 59.1 43.7 83.7

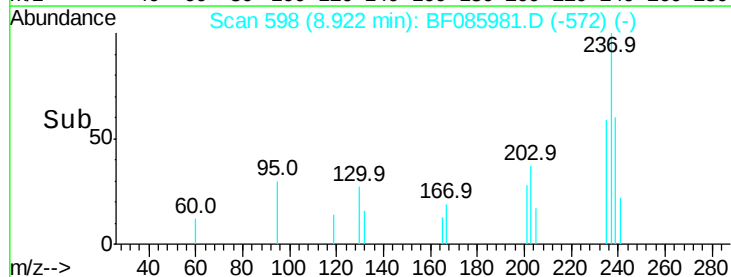
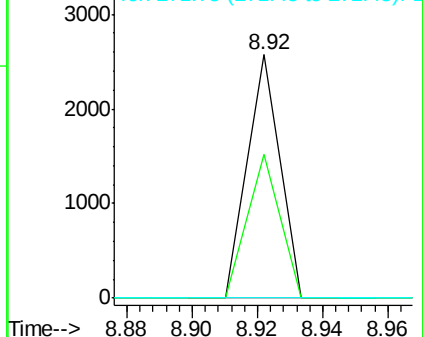
272 0.0 0.0 31.9

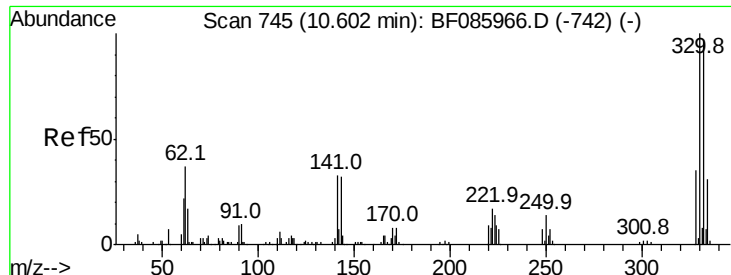


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





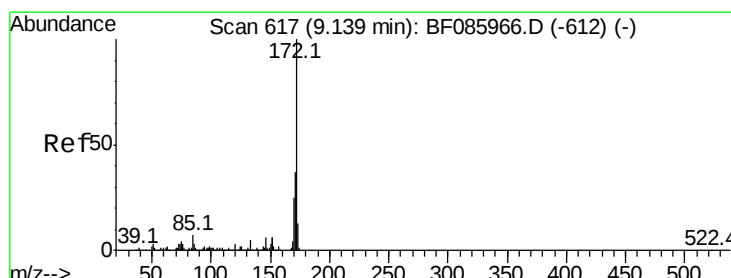
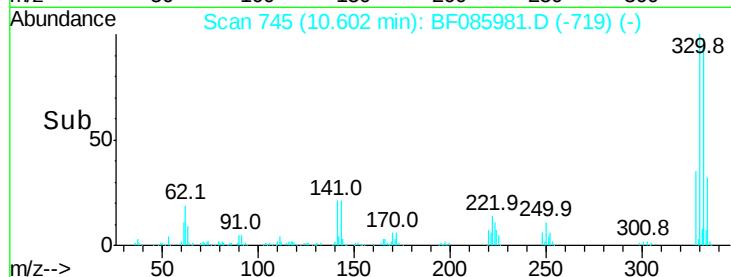
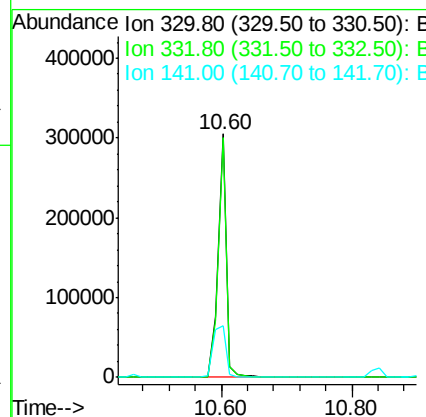
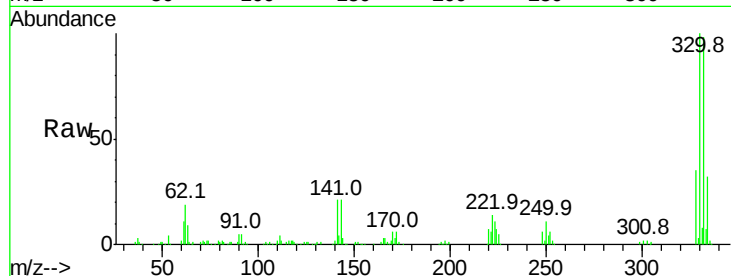
#41
 2,4,6-Tribromophenol
 Concen: 155.95 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085981.D
 Acq: 2 Apr 2016 00:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279215		
332	97.4	78.2	117.2	
141	33.0	31.5	47.3	

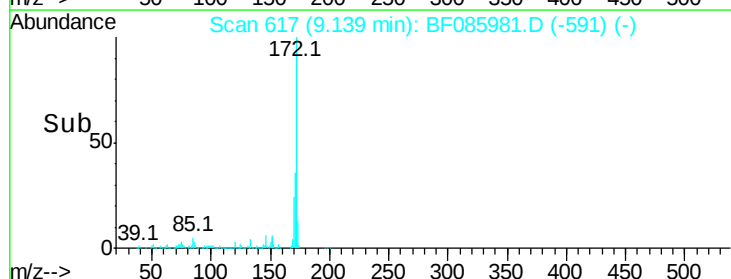
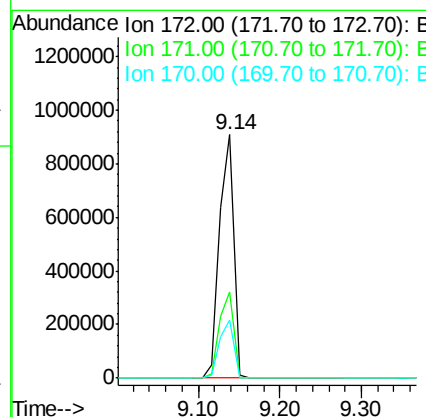
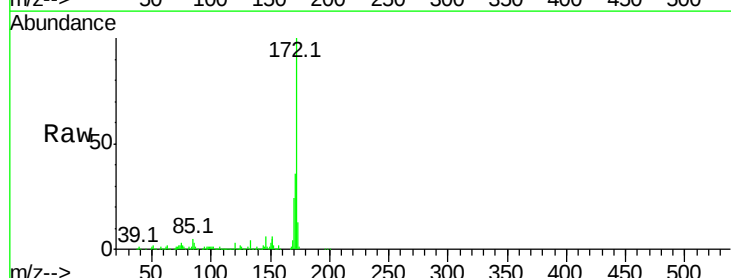
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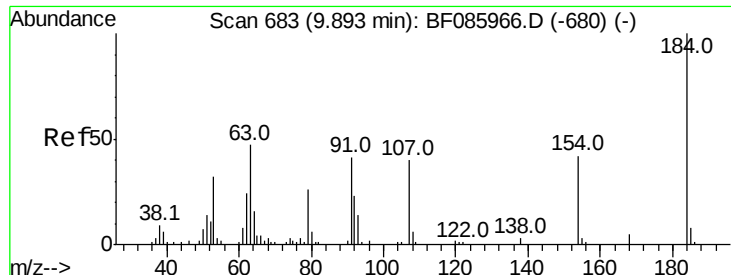
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#44
 2-Fluorobiphenyl
 Concen: 96.38 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085981.D
 Acq: 2 Apr 2016 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1105745		
171	35.5	29.4	44.2	
170	23.9	19.8	29.6	





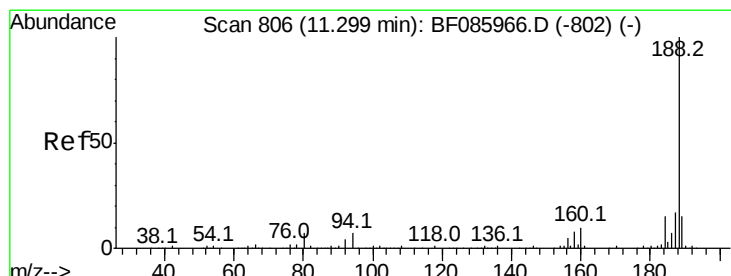
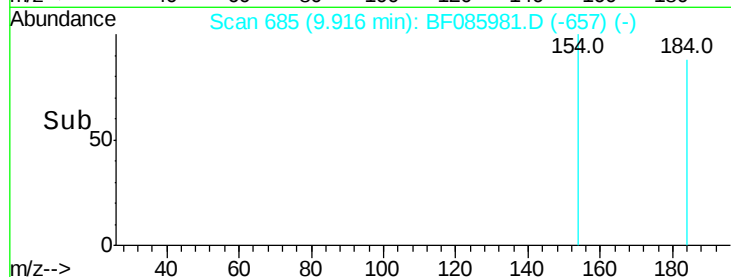
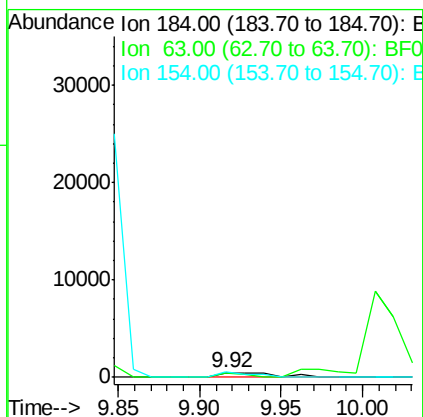
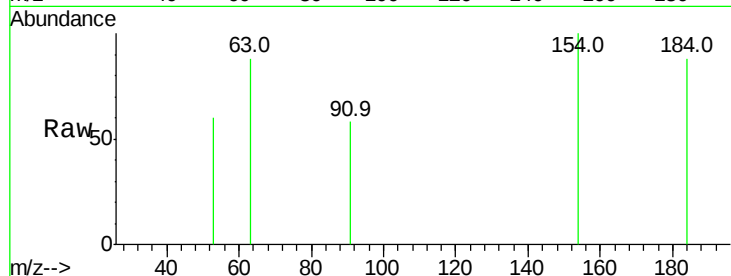
#53
 2,4-Dinitrophenol
 Concen: 3.04 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.02 min
 Lab File: BF085981.D
 Acq: 2 Apr 2016 00:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
184	100		
63	100.4	69.5	104.3
154	114.2	58.3	87.5#

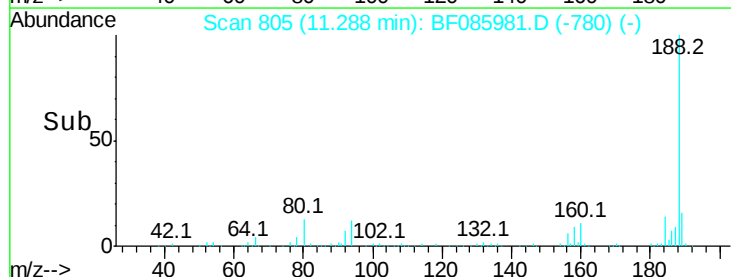
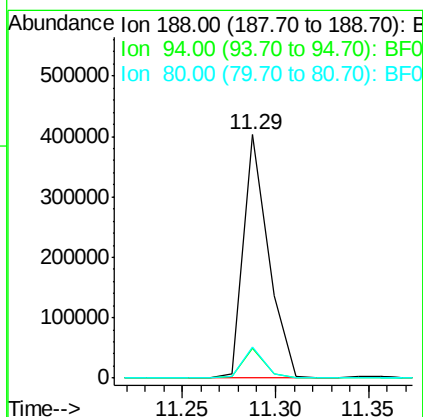
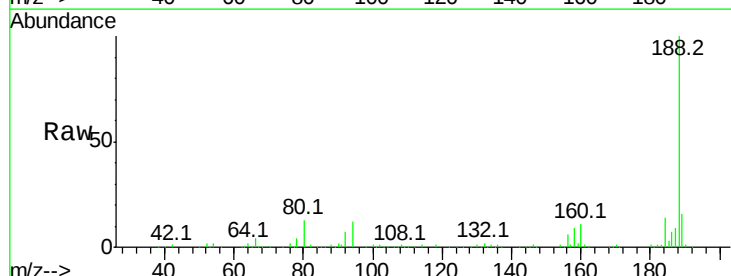
Manual Integrations
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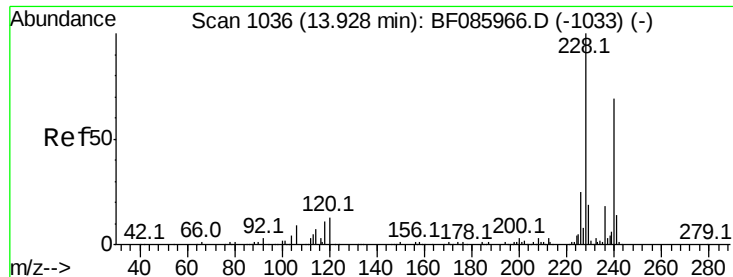
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085981.D
 Acq: 2 Apr 2016 00:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	5.4	8.0#
80	13.0	5.5	8.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085981.D

Acq: 2 Apr 2016 00:39

Instrument :

BNA_F

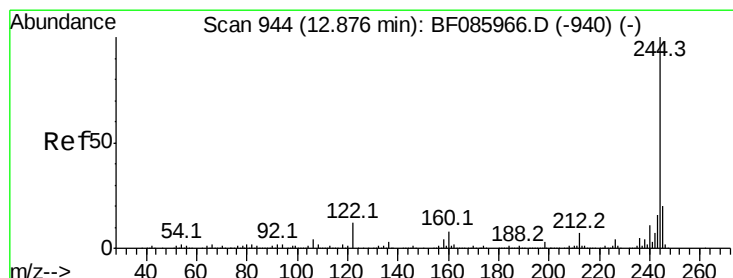
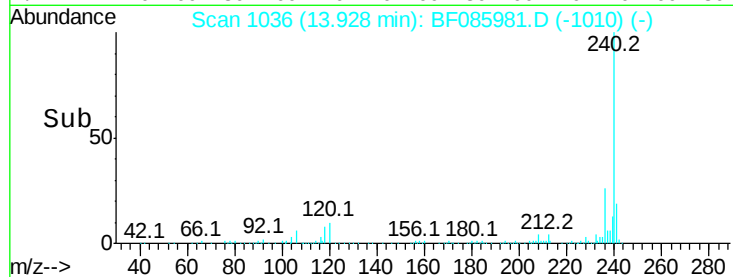
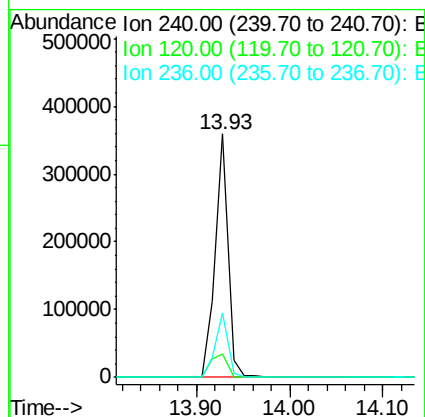
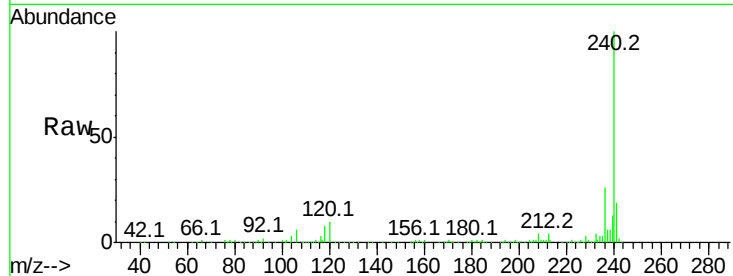
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	240	Resp:	346569
Ion Ratio	Lower	Upper	
240	100		
120	9.7	13.8	20.8#
236	26.4	20.6	30.8

Manual Integrations
APPROVED

Sohil
4/4/2016 7:39:26 PM



#78

Terphenyl-d14

Concen: 72.13 ng

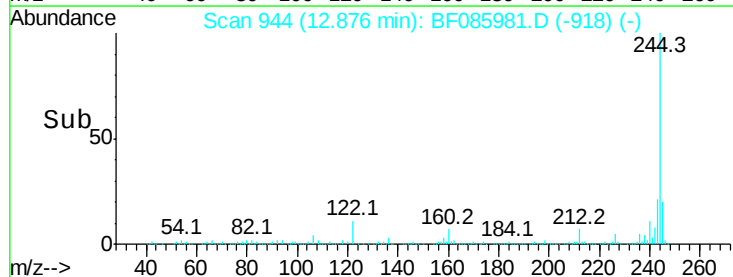
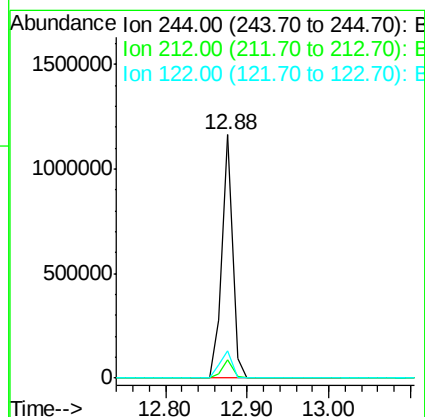
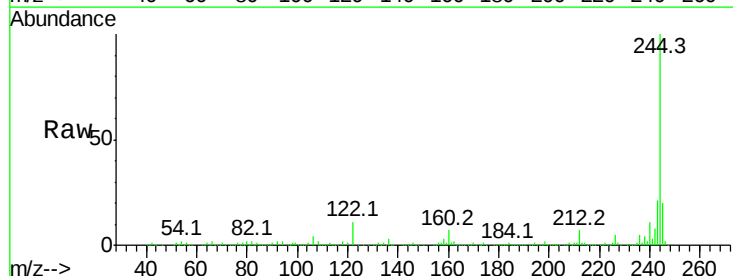
RT: 12.88 min Scan# 944

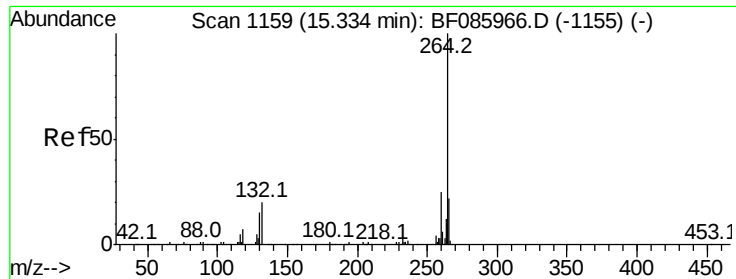
Delta R.T. 0.00 min

Lab File: BF085981.D

Acq: 2 Apr 2016 00:39

Tgt Ion:	244	Resp:	1063393
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	11.2	10.2	15.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085981.D
Acq: 2 Apr 2016 00:39

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.2	17.2	25.8

Manual Integrations
APPROVED

Sohil
4/4/2016 7:39:26 PM

