

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100394.D
 Acq On : 10 Nov 2017 16:41
 Operator : SJ/JU
 Sample : I6368-04 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Manual Integrations
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 11/13/2017 4:43:15 PM

Quant Time: Nov 10 22:08:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	169259	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	685025	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	313404	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	555459	20.00	ng	0.00
75) Chrysene-d12	14.06	240	367539	20.00	ng	0.00
86) Perylene-d12	15.54	264	370871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	66104	6.26	ng	-0.01
7) Phenol-d6	6.51	99	243782	18.72	ng	-0.02
23) Nitrobenzene-d5	7.46	82	162228	15.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	8384	2.63	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	310441	15.08	ng	-0.01
78) Terphenyl-d14	13.00	244	238053	14.88	ng	0.00
Target Compounds						
70) Phenanthrene	11.45	178	98520	3.369	ng	99
74) Fluoranthene	12.63	202	87795	2.833	ng	98
77) Pyrene	12.86	202	79224	3.024	ng	97

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

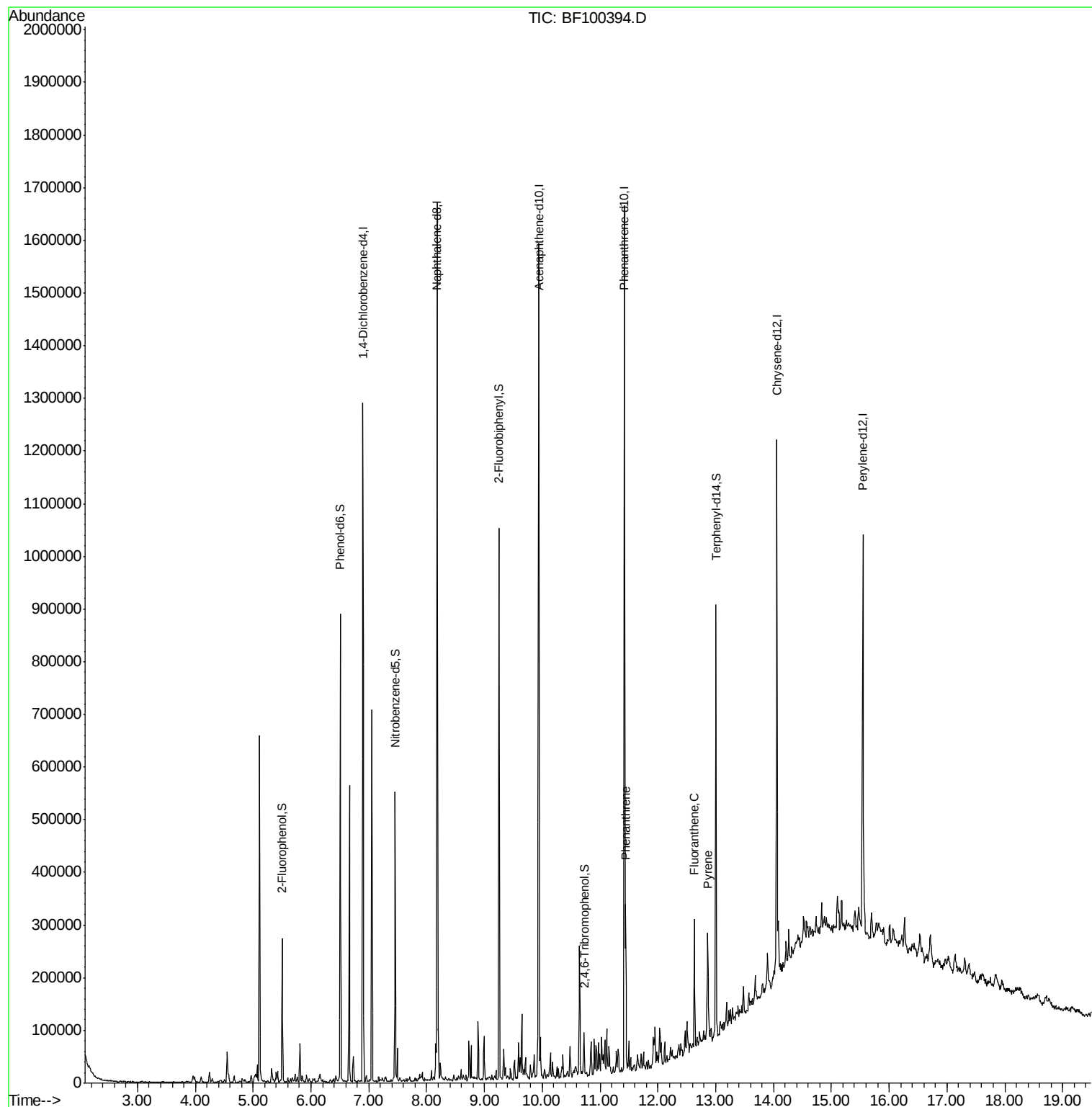
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Data File : BF100394.D
Acq On : 10 Nov 2017 16:41
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ALS Vial : 14 Sample Multiplier: 1

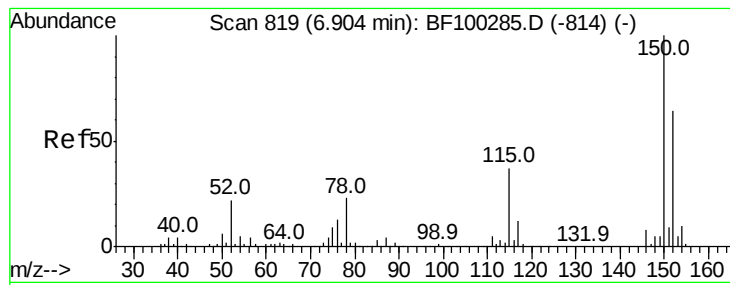
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Manual Integrations
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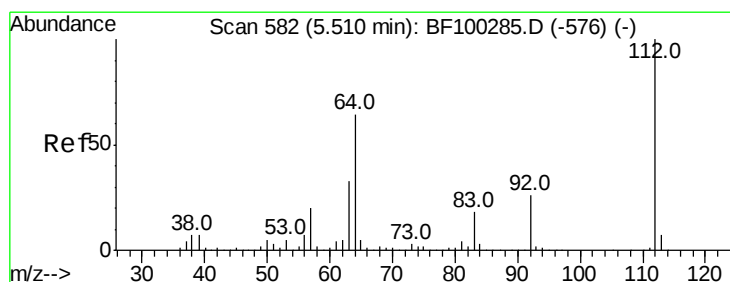
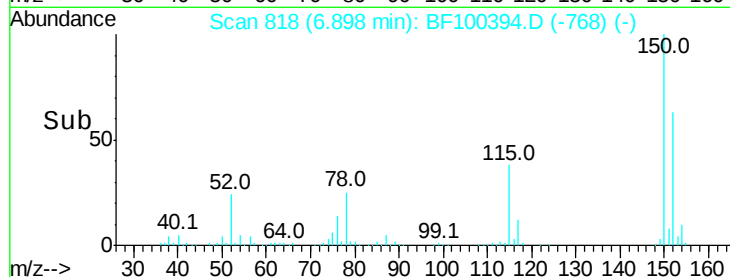
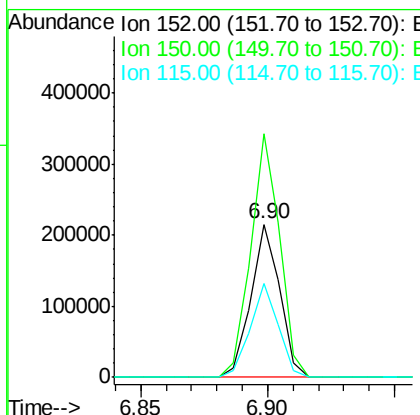
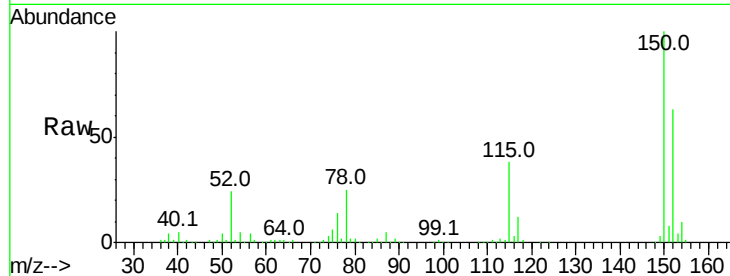
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.2	50.1	75.1

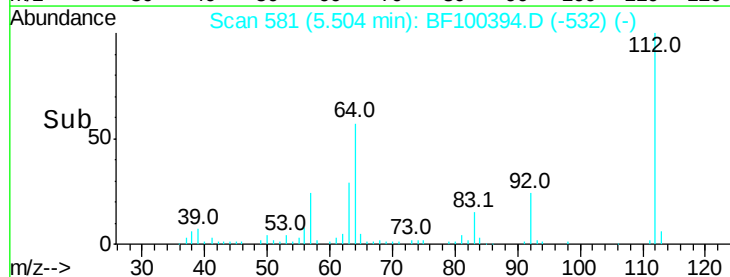
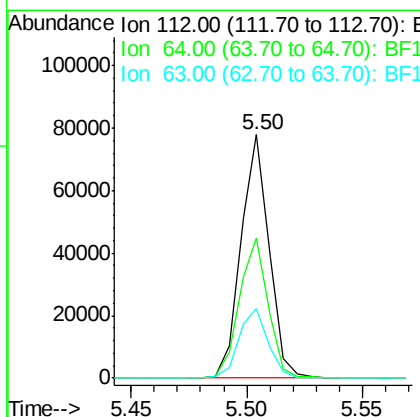
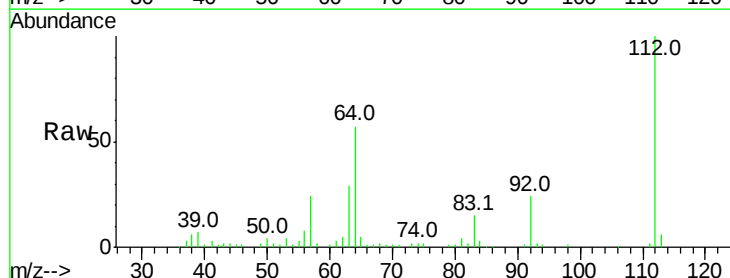
Manual Integrations
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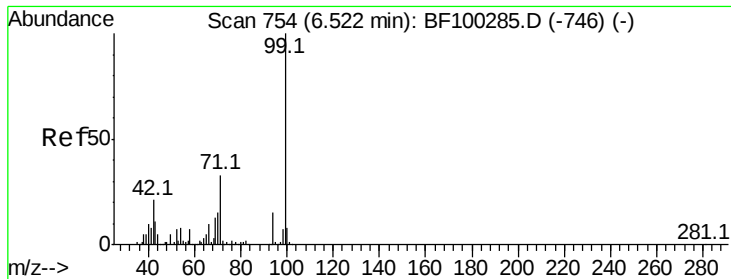
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#5
 2-Fluorophenol
 Concen: 6.260 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 18.723 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Instrument :

BNA_F

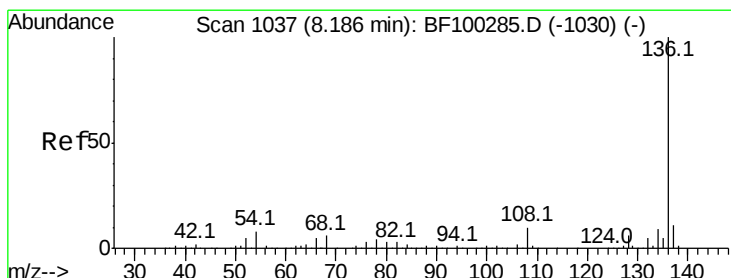
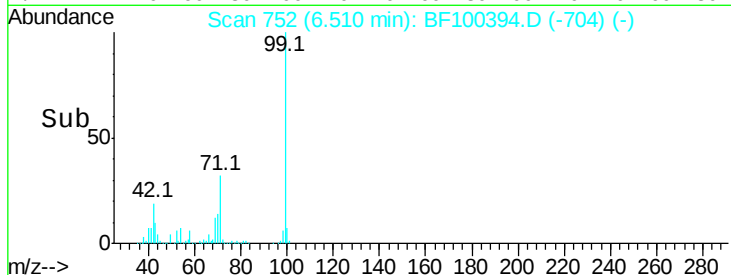
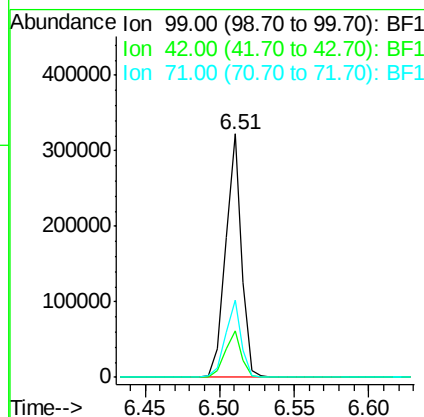
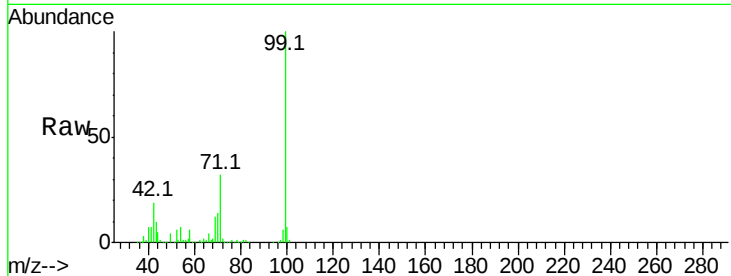
ClientSampleId :

TEC-RCA-SOIL

Tot Ion:	99	Resp:	243782
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	31.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

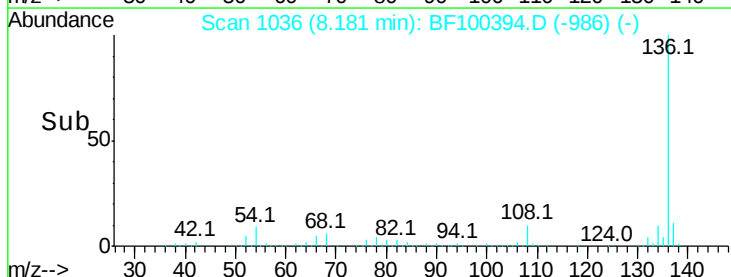
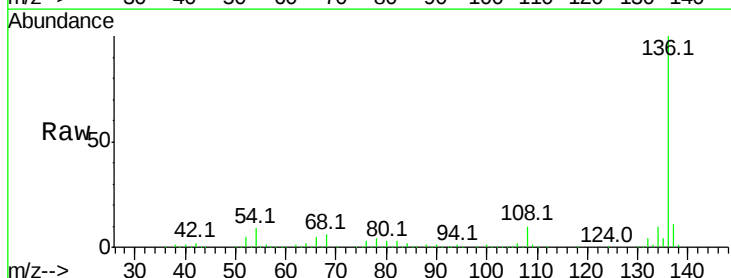
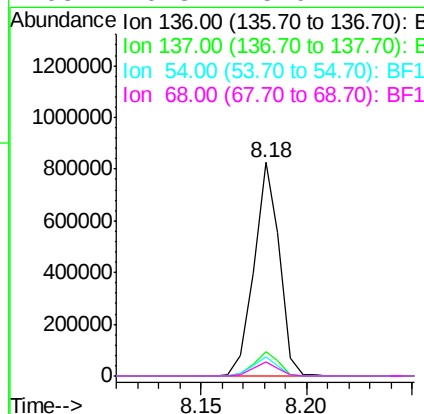
RT: 8.18 min Scan# 1036

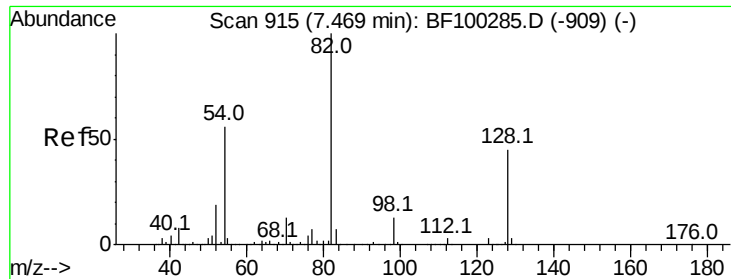
Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Tgt Ion:	136	Resp:	685025
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4





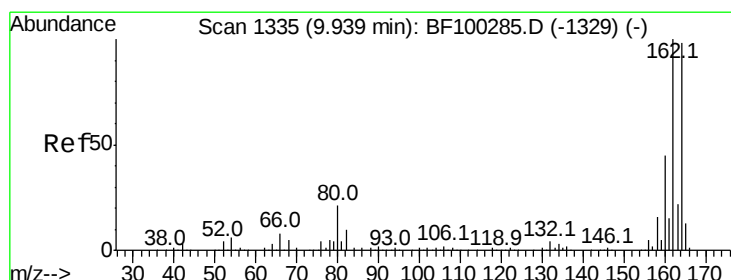
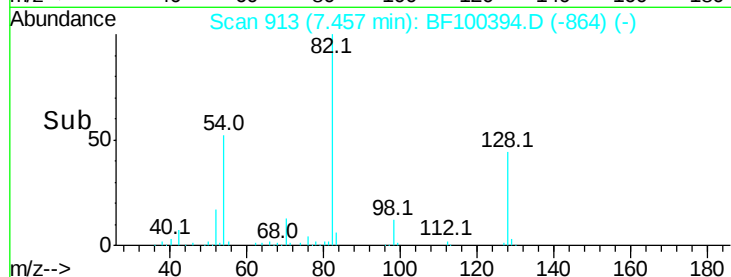
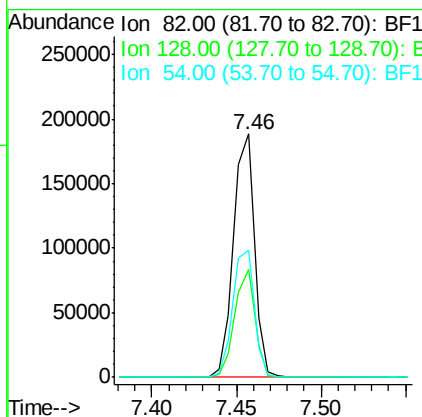
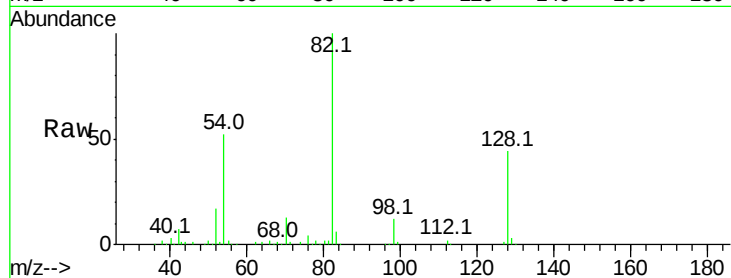
#23
Nitrobenzene-d5
Concen: 15.657 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	52.0	41.4	62.2

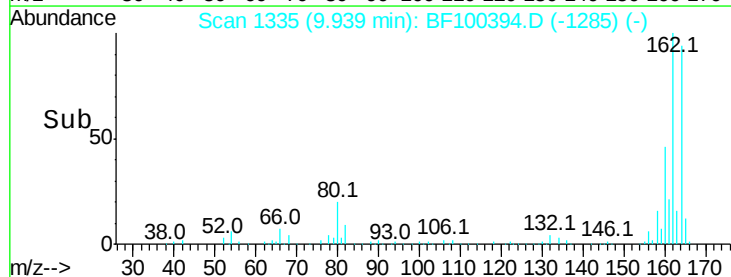
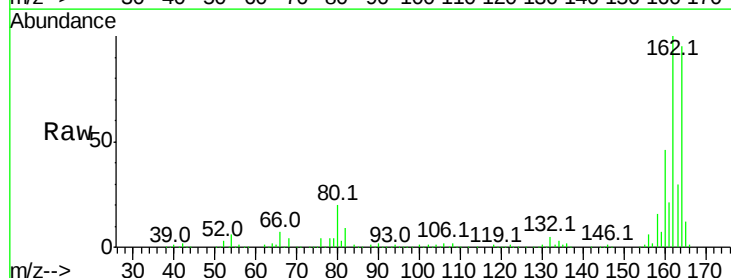
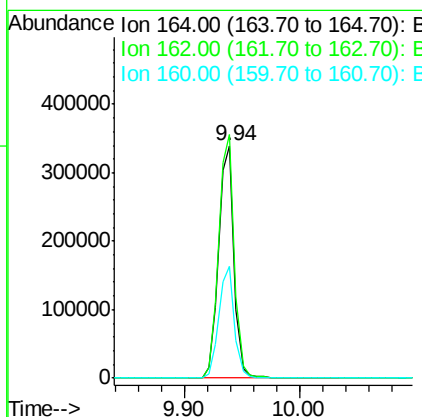
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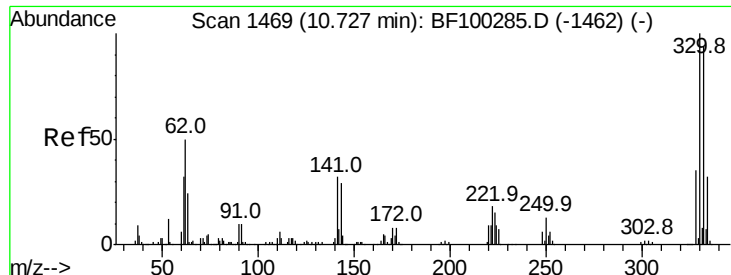
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	48.3	38.3	57.5





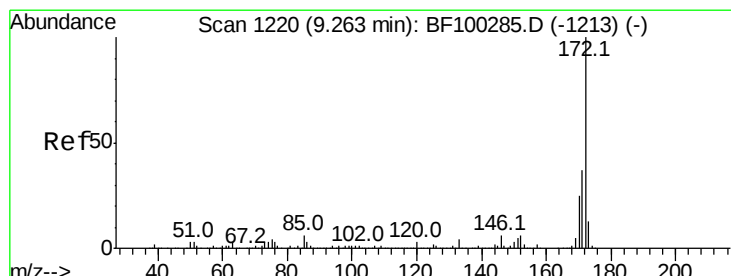
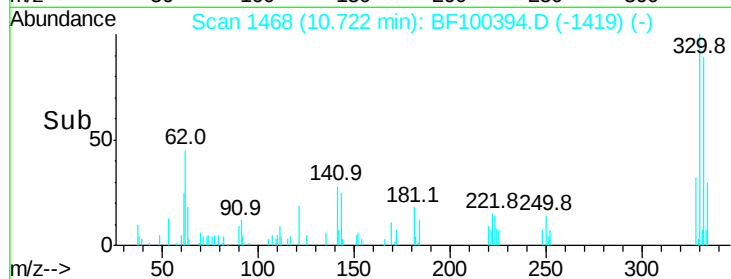
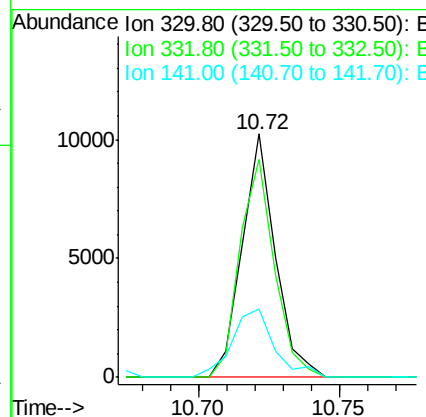
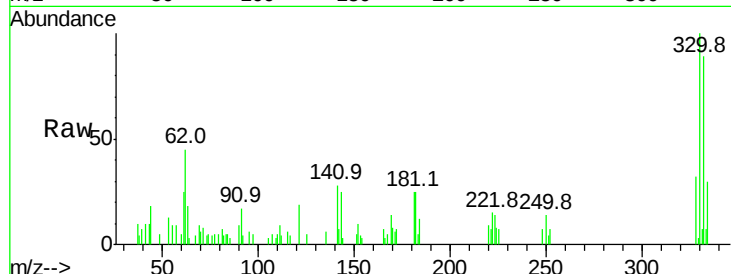
#41
 2,4,6-Tribromophenol
 Concen: 2.625 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Instrument :
 BNA_F
 ClientSampled :
 TEC-RCA-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.7	77.0	115.6
141	35.5	29.9	44.9

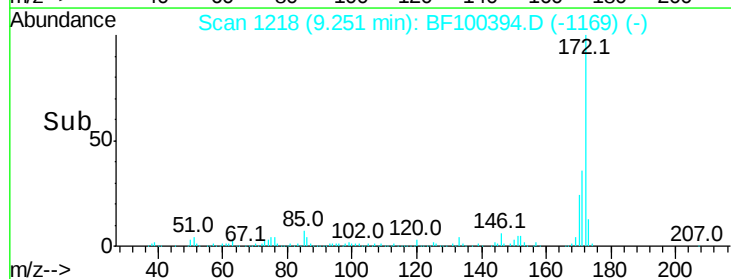
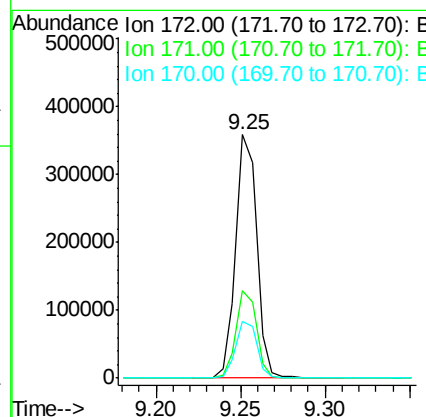
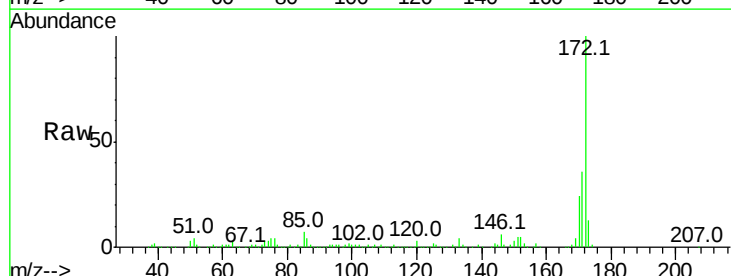
Manual Integrations
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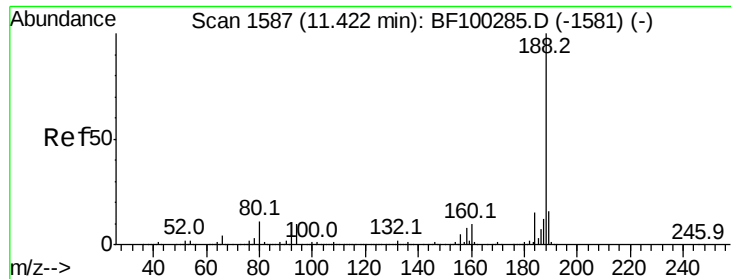
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#44
 2-Fluorobiphenyl
 Concen: 15.083 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Instrument :

BNA_F

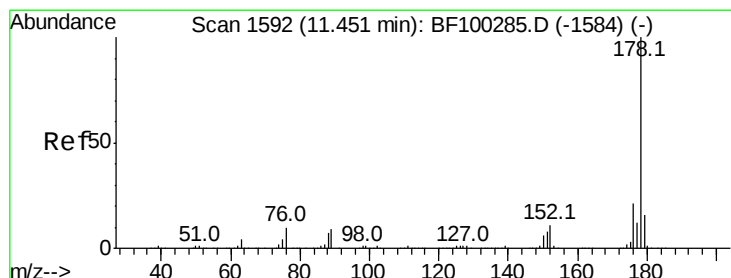
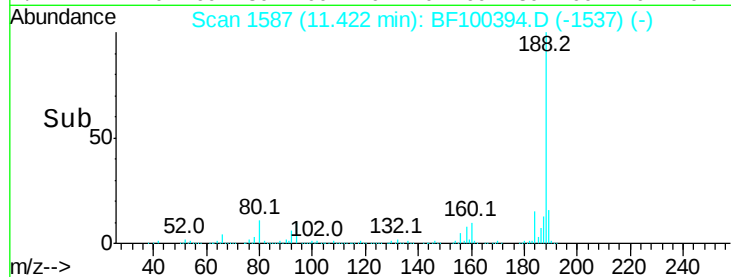
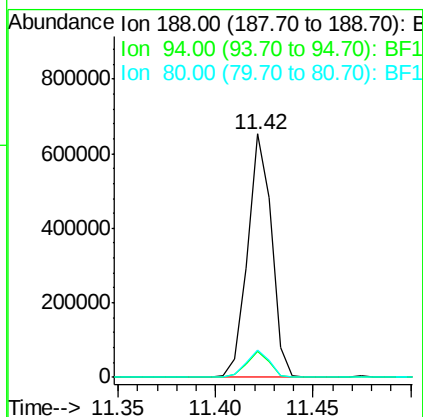
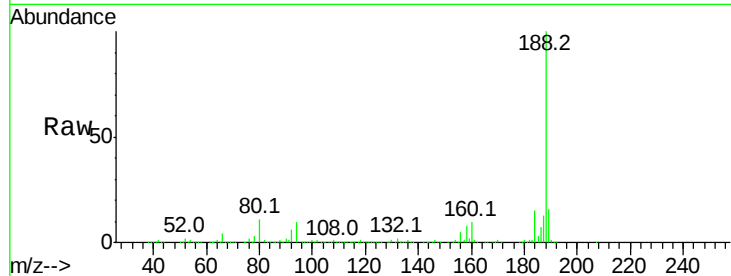
ClientSampleId :

TEC-RCA-SOIL

Tot Ion:	188	Resp:	555459
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.5	9.2	13.8

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#70

Phenanthrene

Concen: 3.369 ng

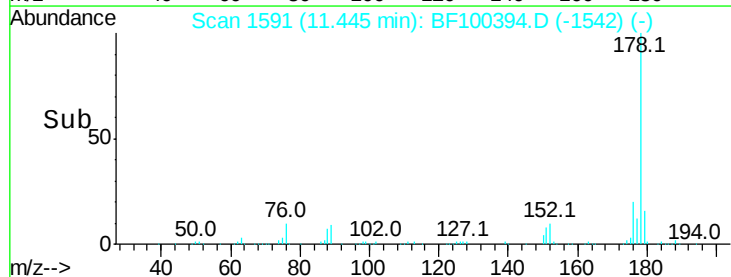
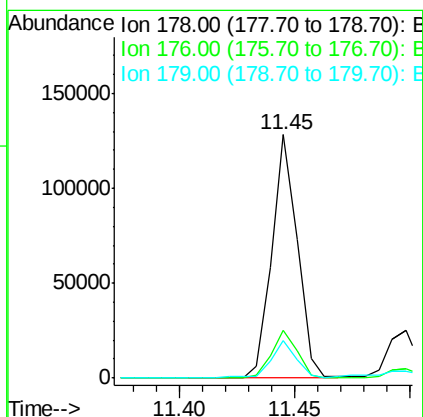
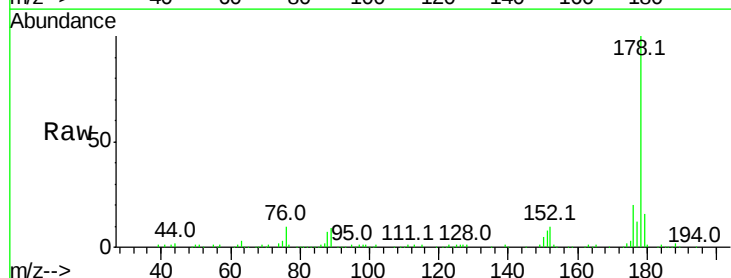
RT: 11.45 min Scan# 1591

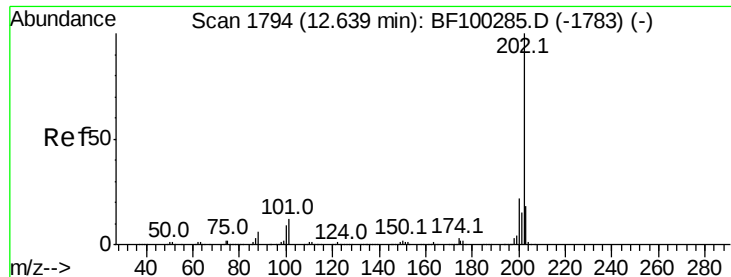
Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Tgt Ion:	178	Resp:	98520
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6





#74

Fluoranthene

Concen: 2.833 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Instrument :

BNA_F

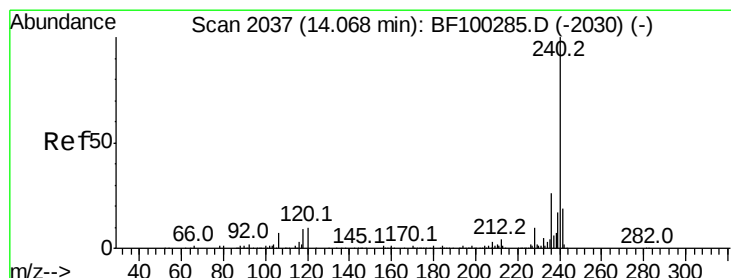
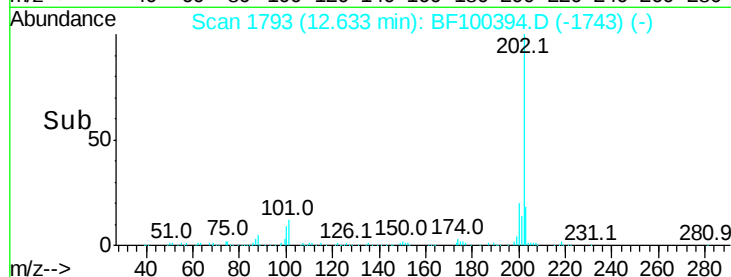
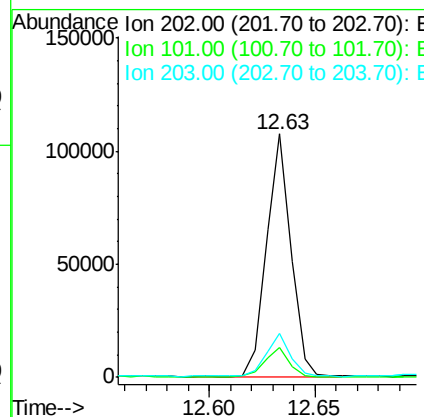
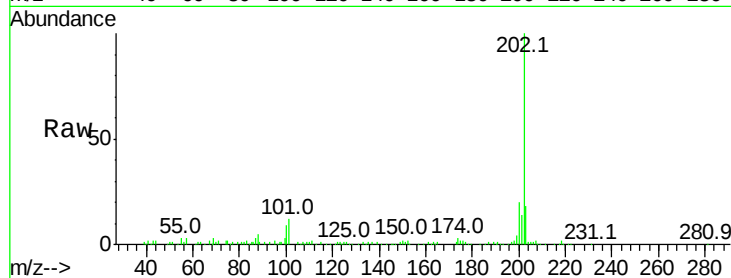
ClientSampleId :

TEC-RCA-SOIL

Tot Ion:	202	Resp:	87795
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

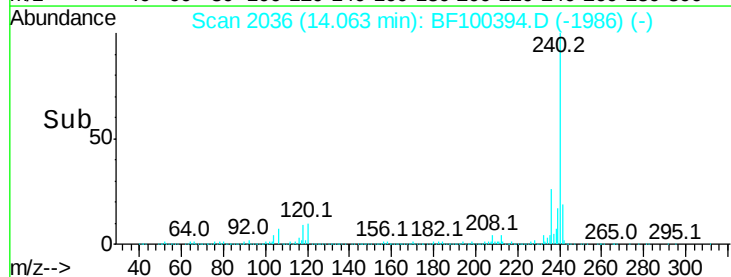
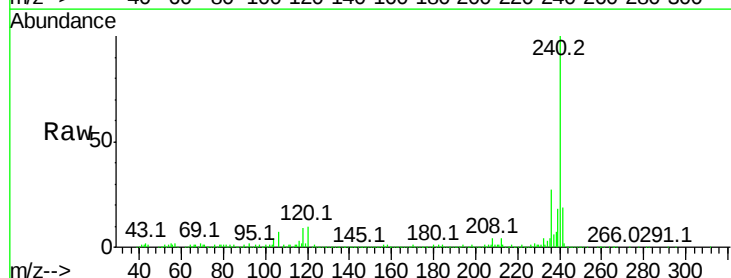
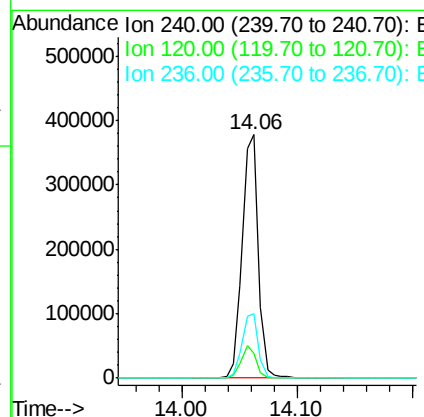
RT: 14.06 min Scan# 2036

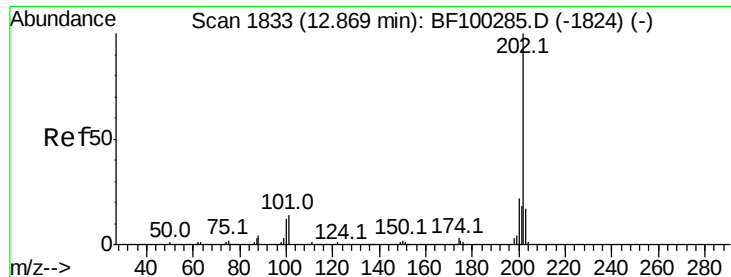
Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Tgt Ion:	240	Resp:	367539
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	26.6	20.7	31.1





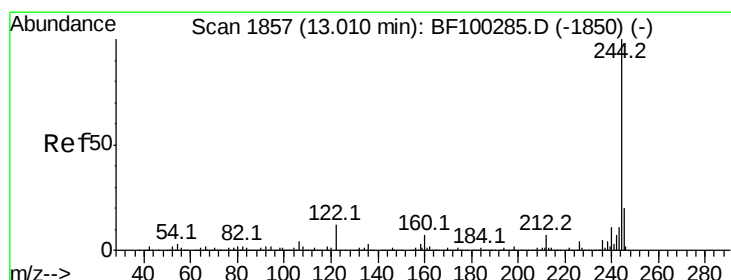
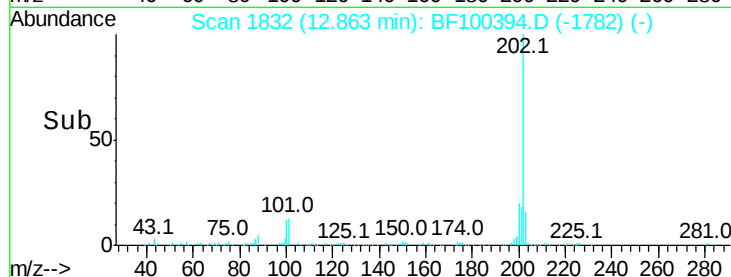
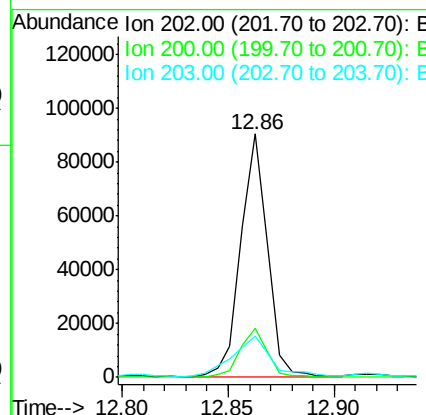
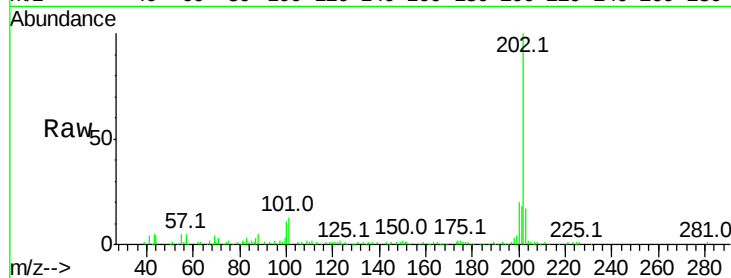
#77
Pvrene
Concen: 3.024 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	16.8	14.3	21.5

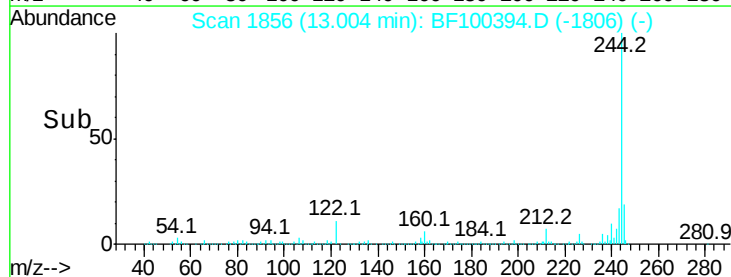
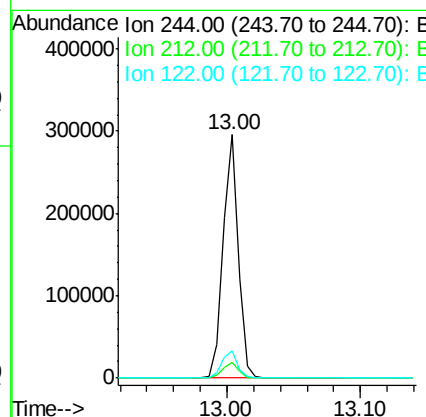
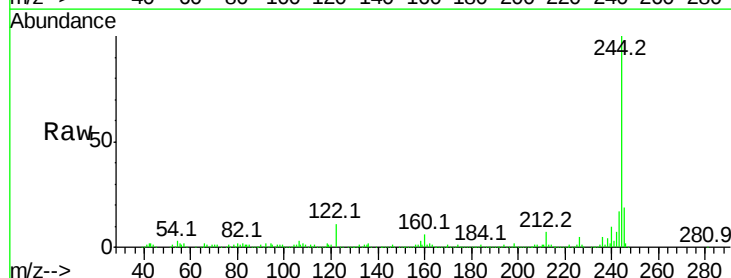
Manual Integrations
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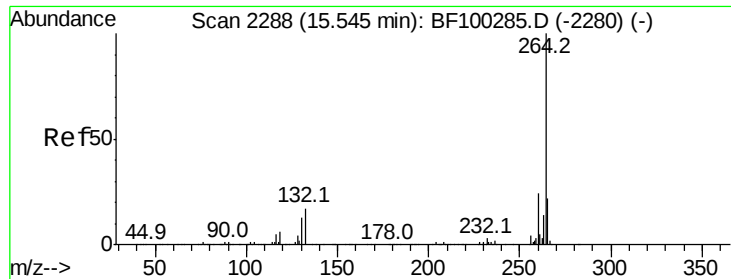
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#78
Terphenyl-d14
Concen: 14.882 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.1	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tot Ion:	264	Resp:	370871
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:43:15 PM

