

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114309.D
 Acq On : 16 May 2019 15:21
 Operator : JU/SJ
 Sample : K2837-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Manual Integrations
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Quant Time: May 17 08:27:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	233425	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	916418	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	438480	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	856877	20.00	ng	0.00
76) Chrysene-d12	14.02	240	541944	20.00	ng	0.00
87) Perylene-d12	15.52	264	601383	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1473751	101.60	ng	0.02
7) Phenol-d6	6.50	99	1787407	104.19	ng	0.00
23) Nitrobenzene-d5	7.41	82	1309413	80.19	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	521371	115.01	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2143961	73.96	ng	0.00
79) Terphenyl-d14	12.96	244	2101942	79.95	ng	0.00
Target Compounds						
32) Benzoic acid	7.89	122	6216m	7.608	ng	Qvalue

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

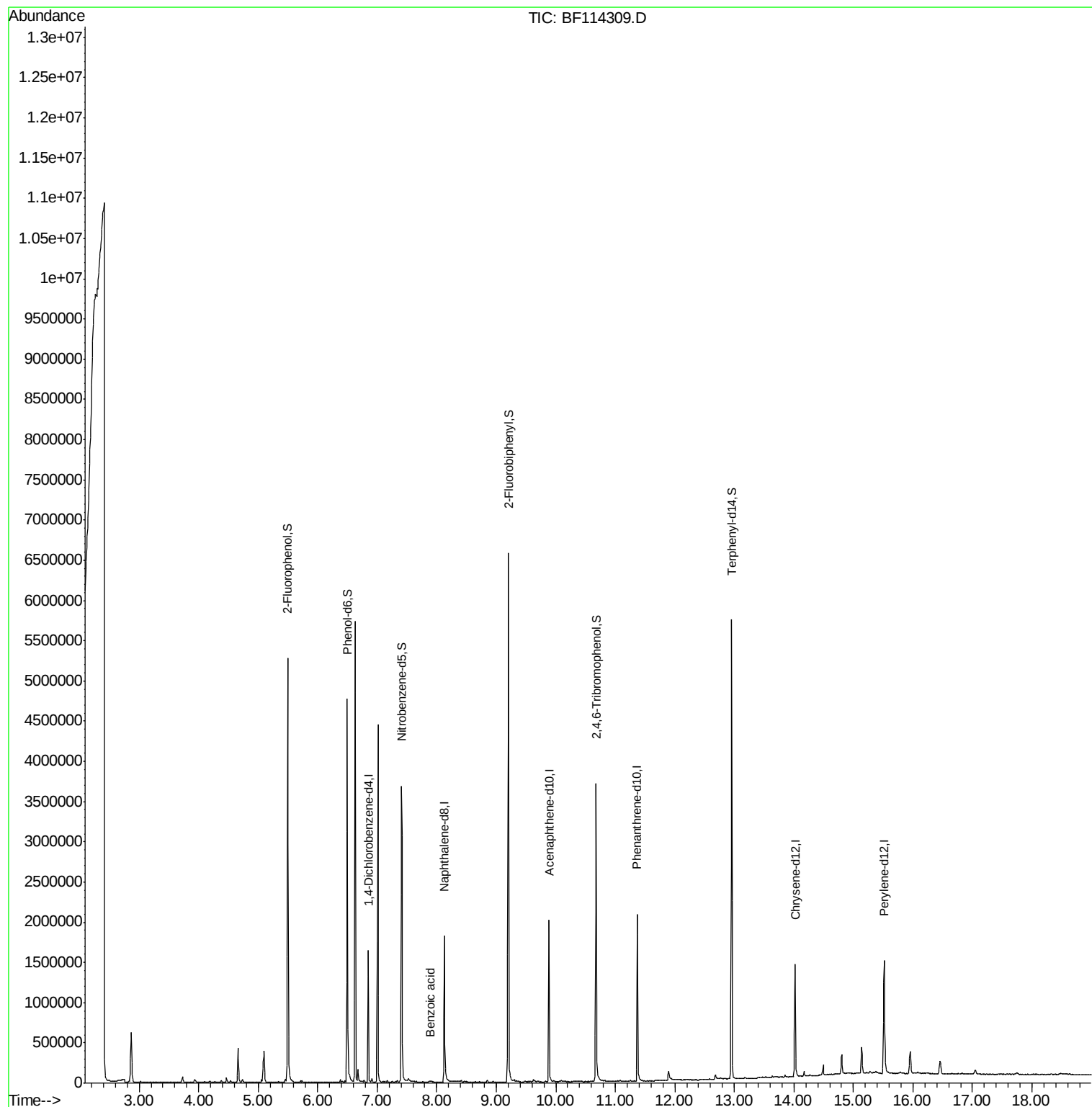
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114309.D
Acq On : 16 May 2019 15:21
Operator : JU/SJ
Sample : K2837-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

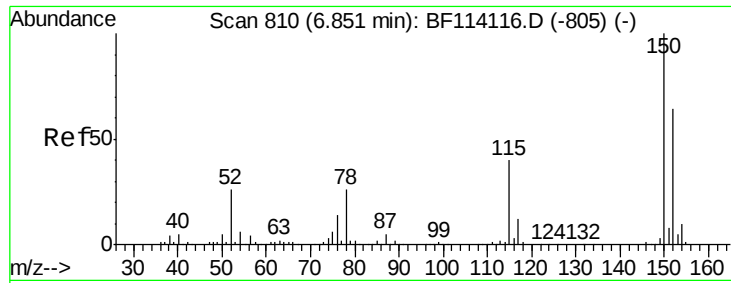
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

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Quant Time: May 17 08:27:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

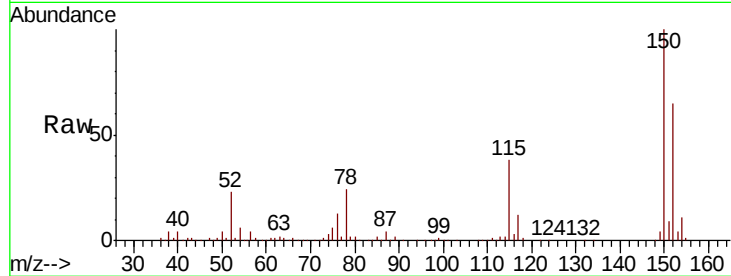
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114309.D
Acq: 16 May 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	58.1	49.1	73.7

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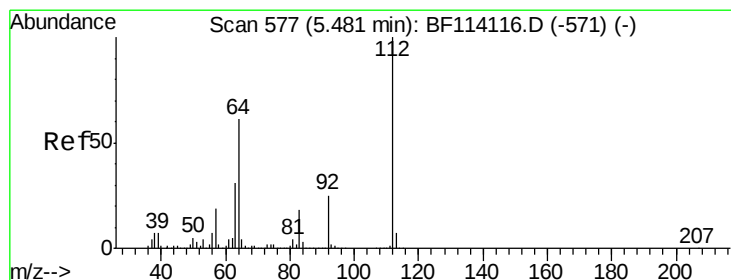
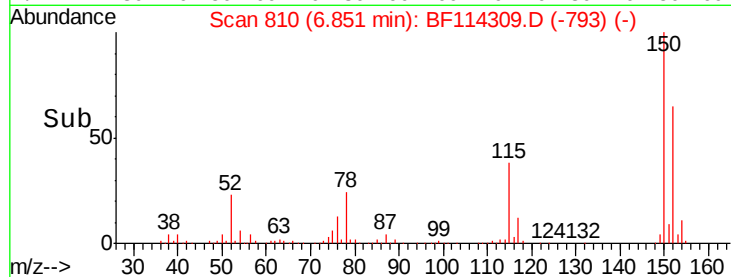
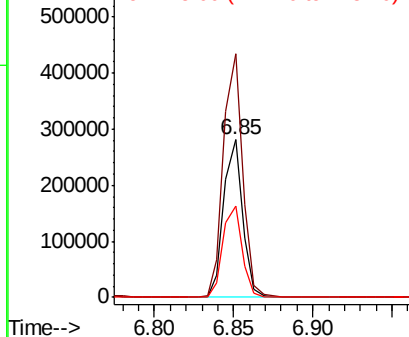


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

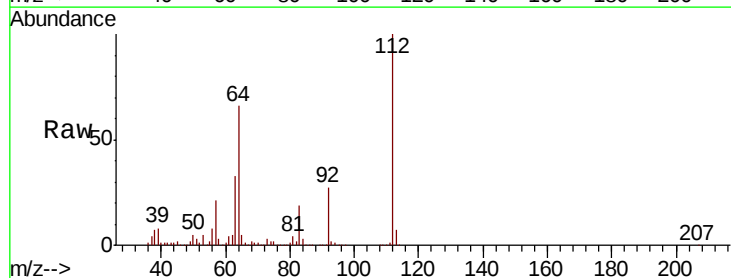
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.602 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114309.D
Acq: 16 May 2019 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	49.0	73.6
63	33.2	24.6	37.0

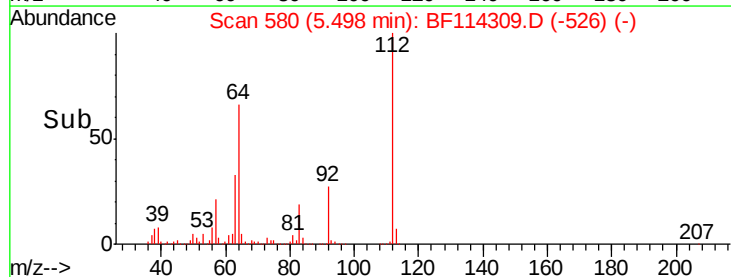
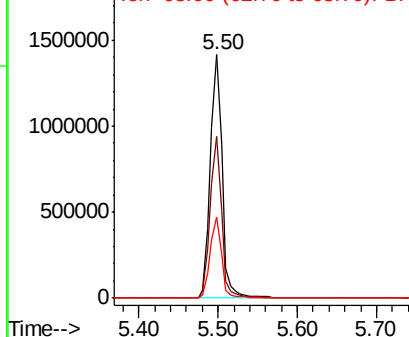


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.188 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114309.D

Acq: 16 May 2019 15:21

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

Tot Ion: 99 Resp: 1787407

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

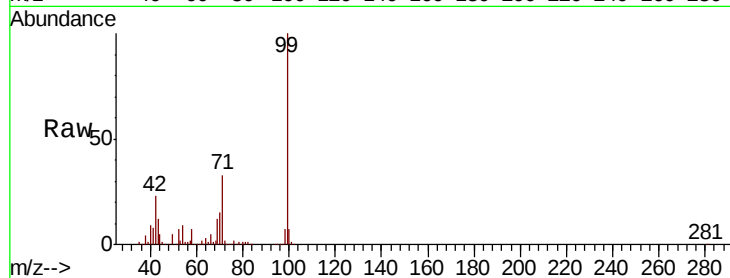
71 32.6 26.2 39.2

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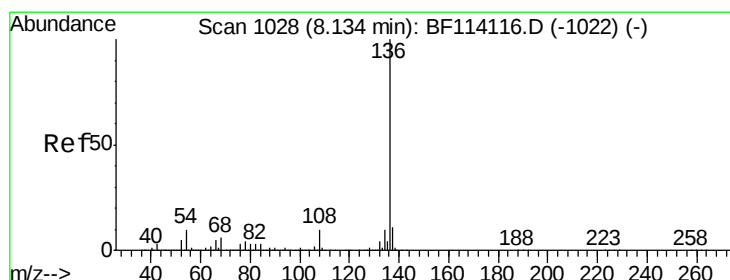
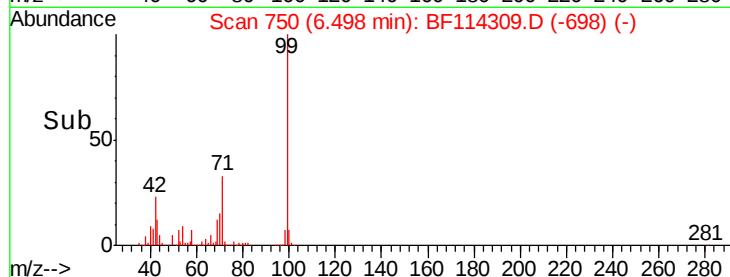
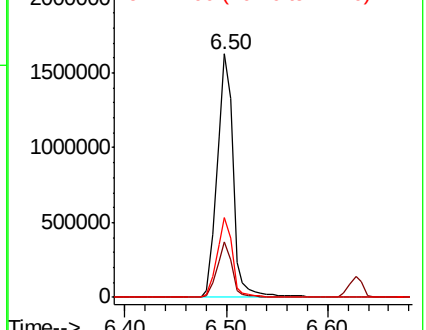


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114309.D

Acq: 16 May 2019 15:21

Tgt Ion: 136 Resp: 916418

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.7 7.8 11.8

68 6.9 5.1 7.7

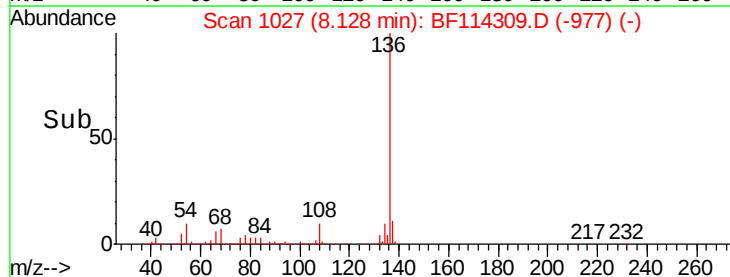
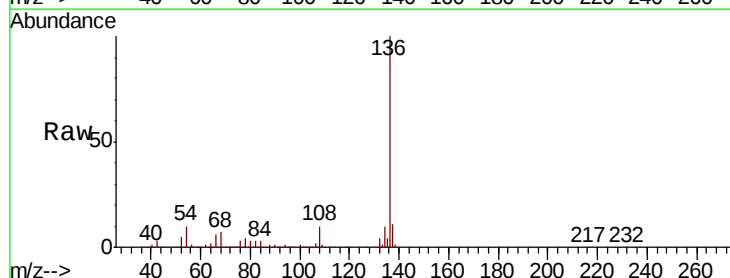
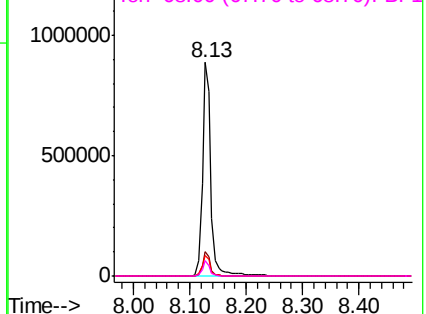
Abundance

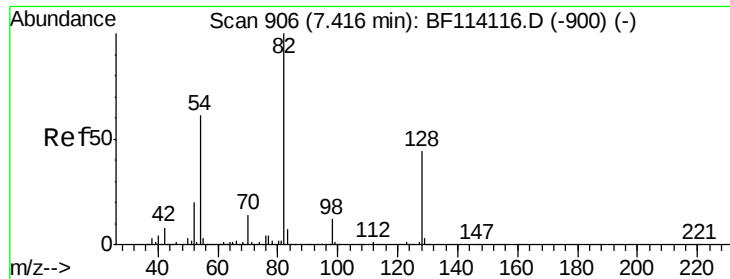
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





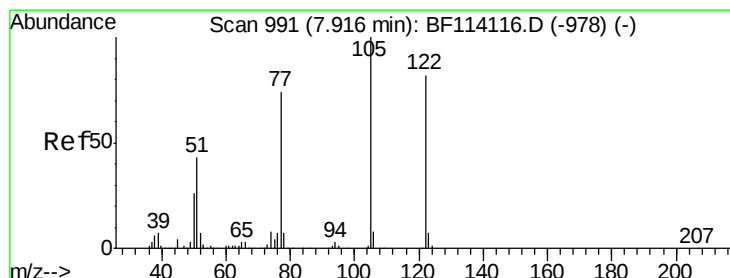
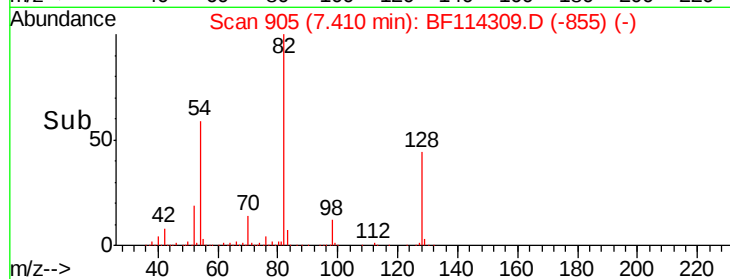
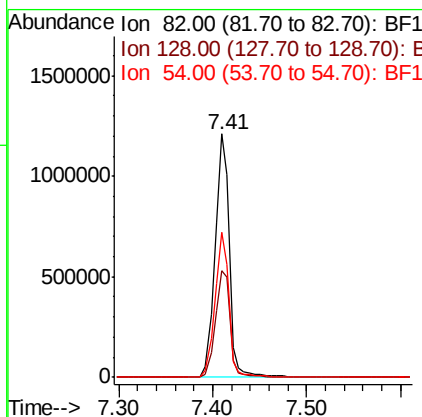
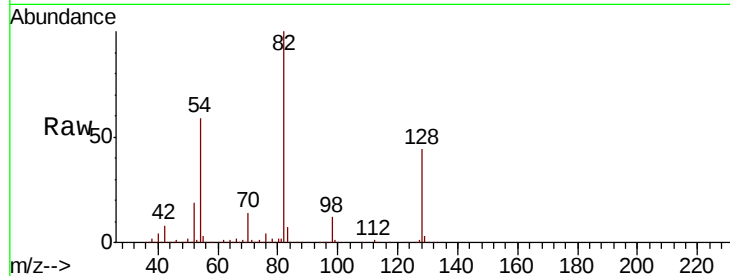
#23
 Nitrobenzene-d5
 Concen: 80.186 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114309.D
 Acq: 16 May 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	59.4	48.5	72.7

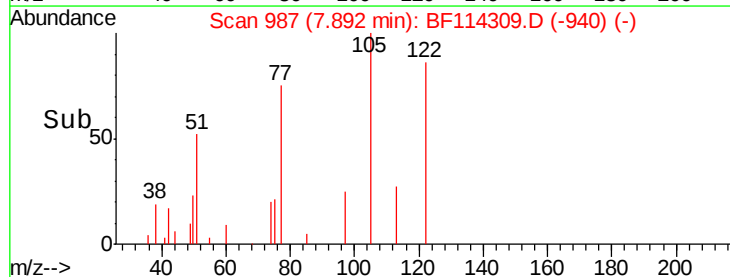
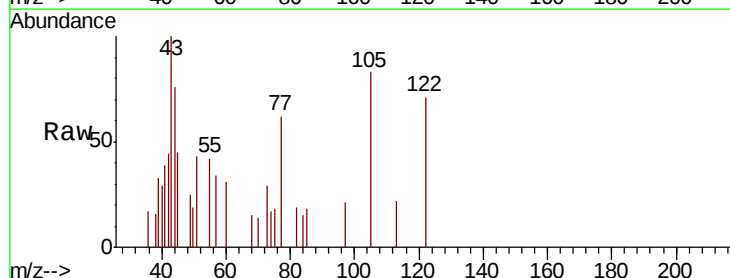
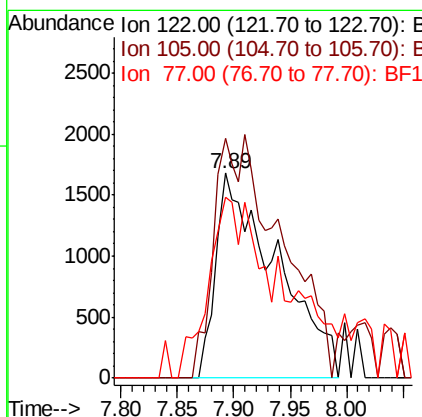
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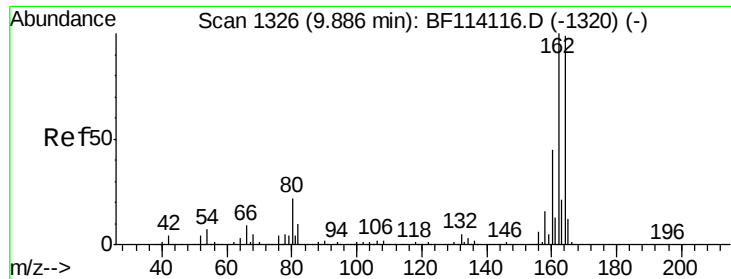
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#32
 Benzoic acid
 Concen: 7.608 ng m
 RT: 7.89 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF114309.D
 Acq: 16 May 2019 15:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	99.9	139.9
77	88.2	69.4	109.4





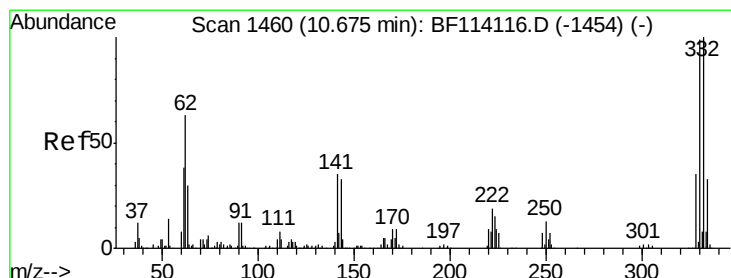
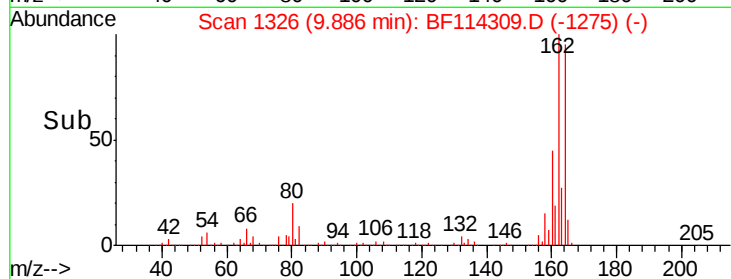
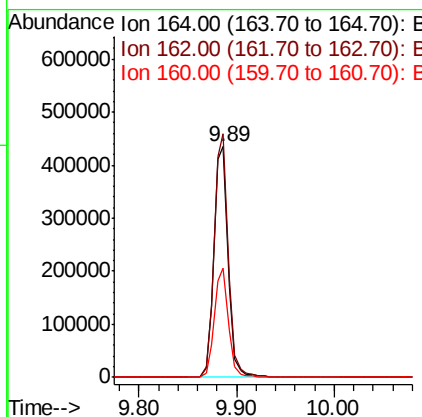
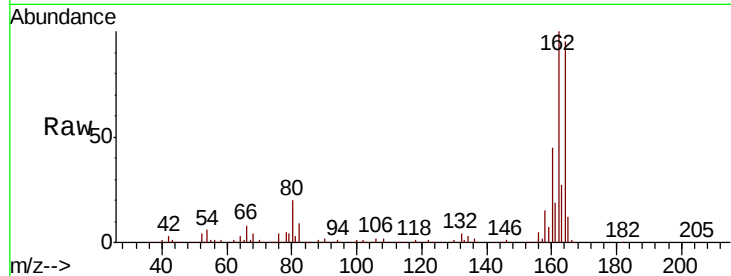
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114309.D
Acq: 16 May 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.6	80.6	120.8	
160	47.3	36.5	54.7	

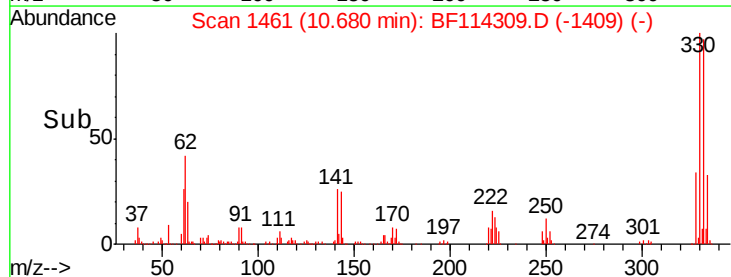
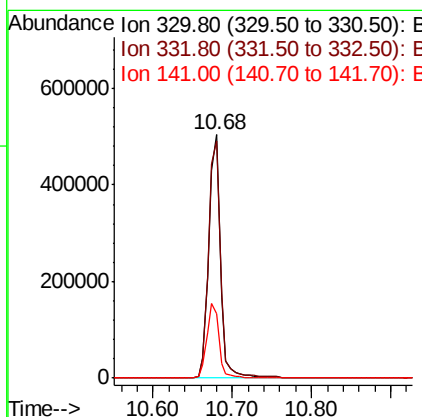
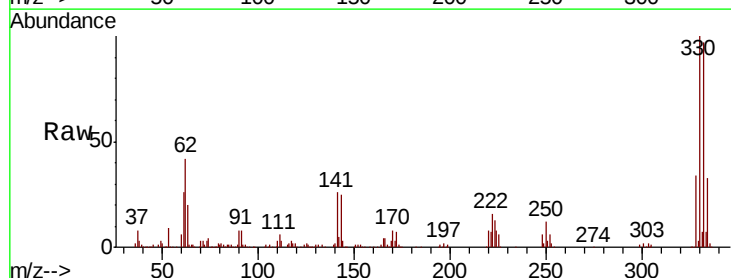
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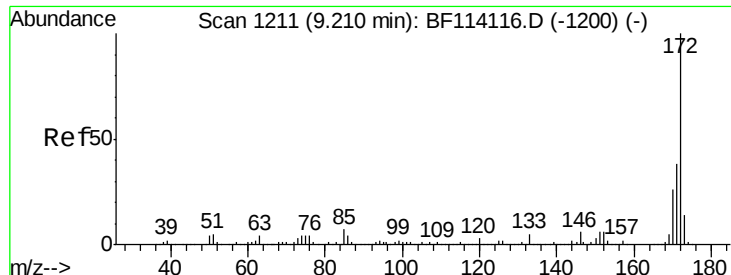
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#42
2,4,6-Tribromophenol
Concen: 115.013 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114309.D
Acq: 16 May 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.9	81.4	122.2	
141	32.4	26.6	40.0	





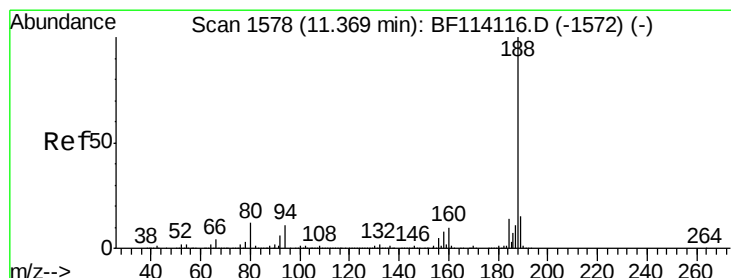
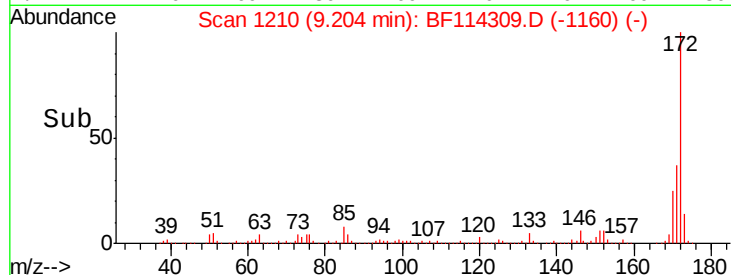
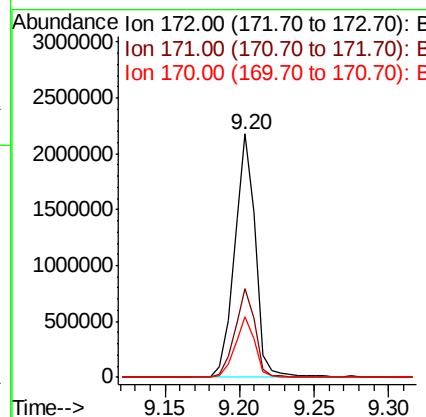
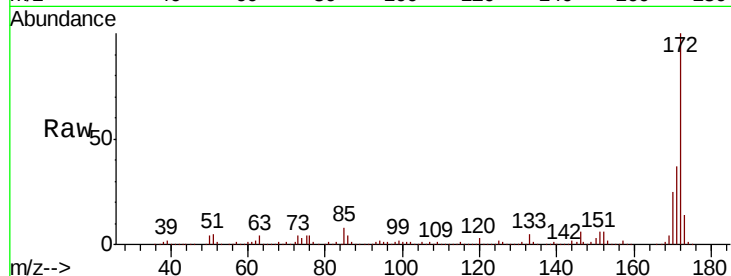
#45
 2-Fluorobiphenyl
 Concen: 73.962 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114309.D
 Acq: 16 May 2019 15:21

Instrument :
 BNA_F
 ClientSampled :
 SOIL-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.7	46.1
170	24.7	20.5	30.7

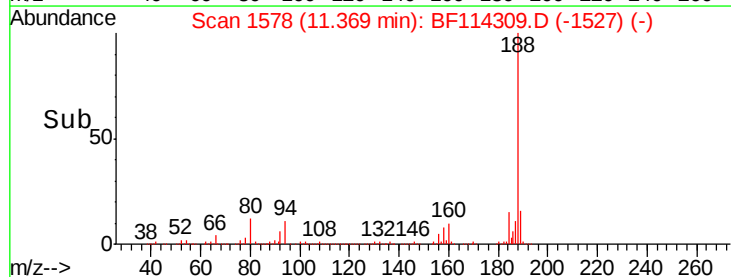
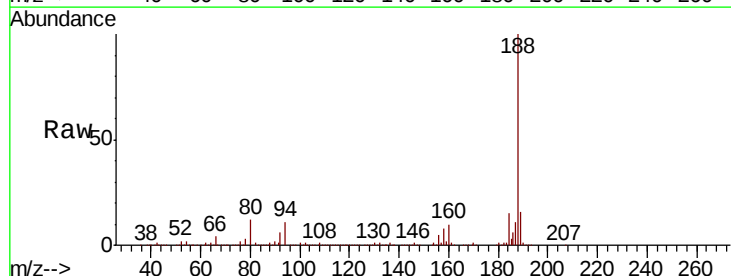
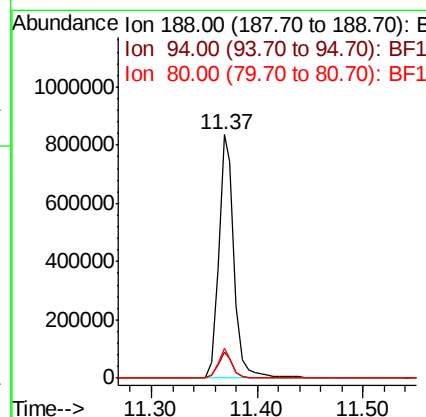
Manual Integrations
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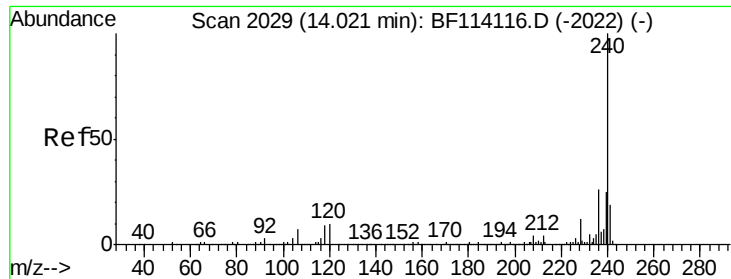
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114309.D
 Acq: 16 May 2019 15:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	12.0	9.2	13.8





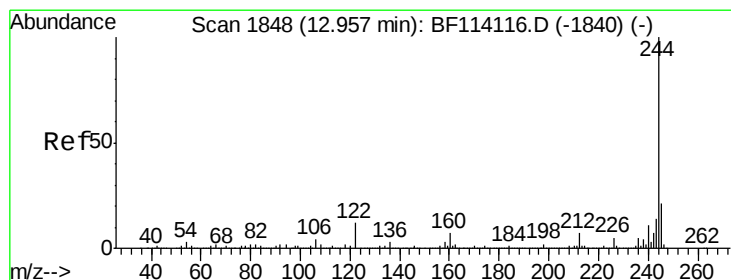
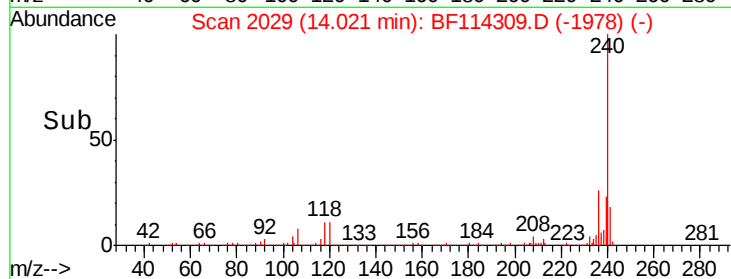
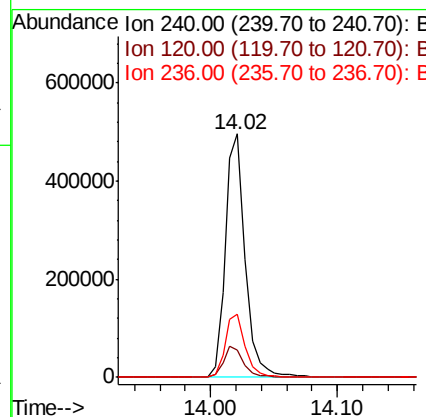
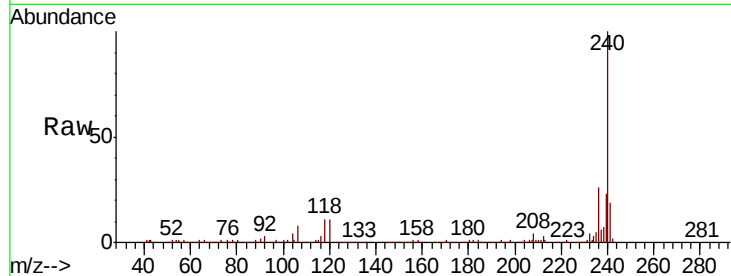
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114309.D
Acq: 16 May 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.9	20.8	31.2

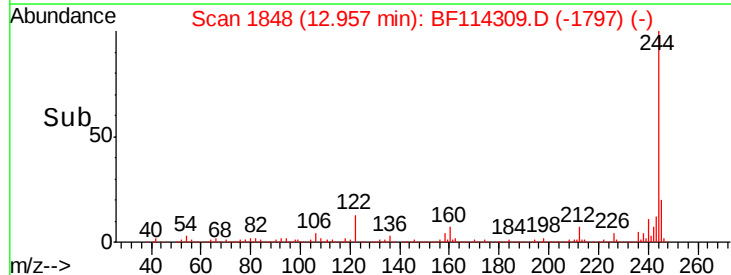
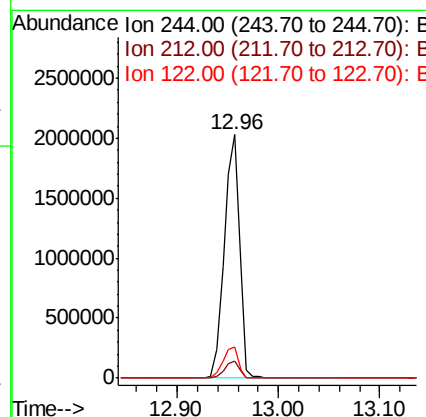
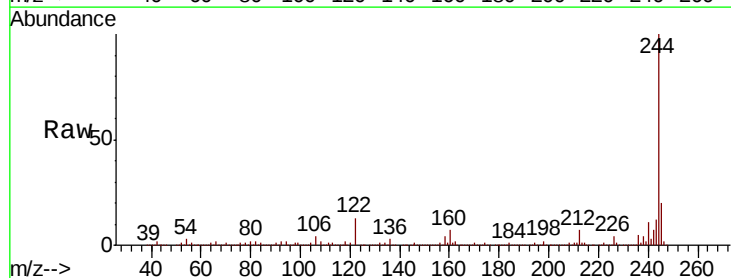
Manual Integrations
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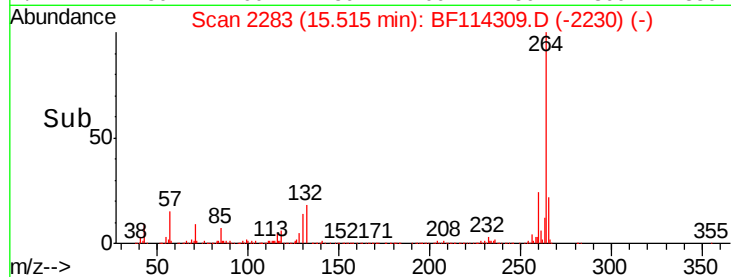
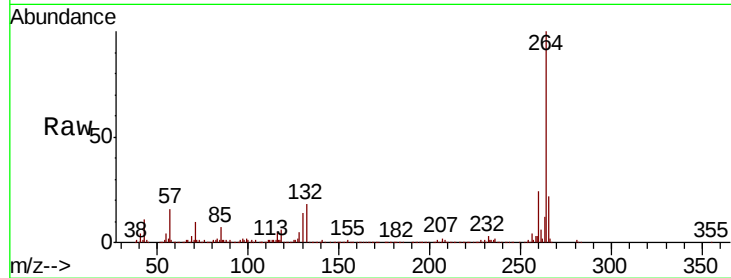
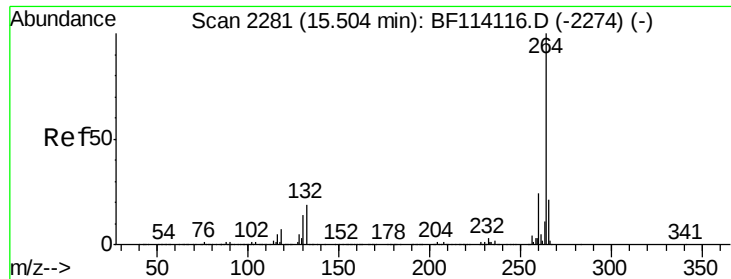
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#79
Terphenyl-d14
Concen: 79.953 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114309.D
Acq: 16 May 2019 15:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.9	9.4	14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF114309.D
Acq: 16 May 2019 15:21

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.5	16.9	25.3

Manual Integrations
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