

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113872.D
 Acq On : 19 Apr 2019 21:14
 Operator : JU/SJ
 Sample : K2472-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations
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 4/22/2019 7:27:17 PM

Quant Time: Apr 20 05:15:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	186018	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	685056	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	332152	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	633613	20.00	ng	0.02
76) Chrysene-d12	14.41	240	463423m	20.00	ng	0.36
87) Perylene-d12	16.27	264	403419m	20.00	ng	0.76
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	211409	18.90	ng	0.00
7) Phenol-d6	6.52	99	276115	19.79	ng	0.00
23) Nitrobenzene-d5	7.45	82	137137	12.19	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	73864	20.13	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	330593	15.18	ng	0.00
79) Terphenyl-d14	13.12	244	373404	16.90	ng	0.12
Target Compounds						
71) Phenanthrene	11.45	178	69635	2.158	ng	98
75) Fluoranthene	12.70	202	125968	3.683	ng	97
78) Pyrene	12.96	202	117594	3.601	ng	98

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

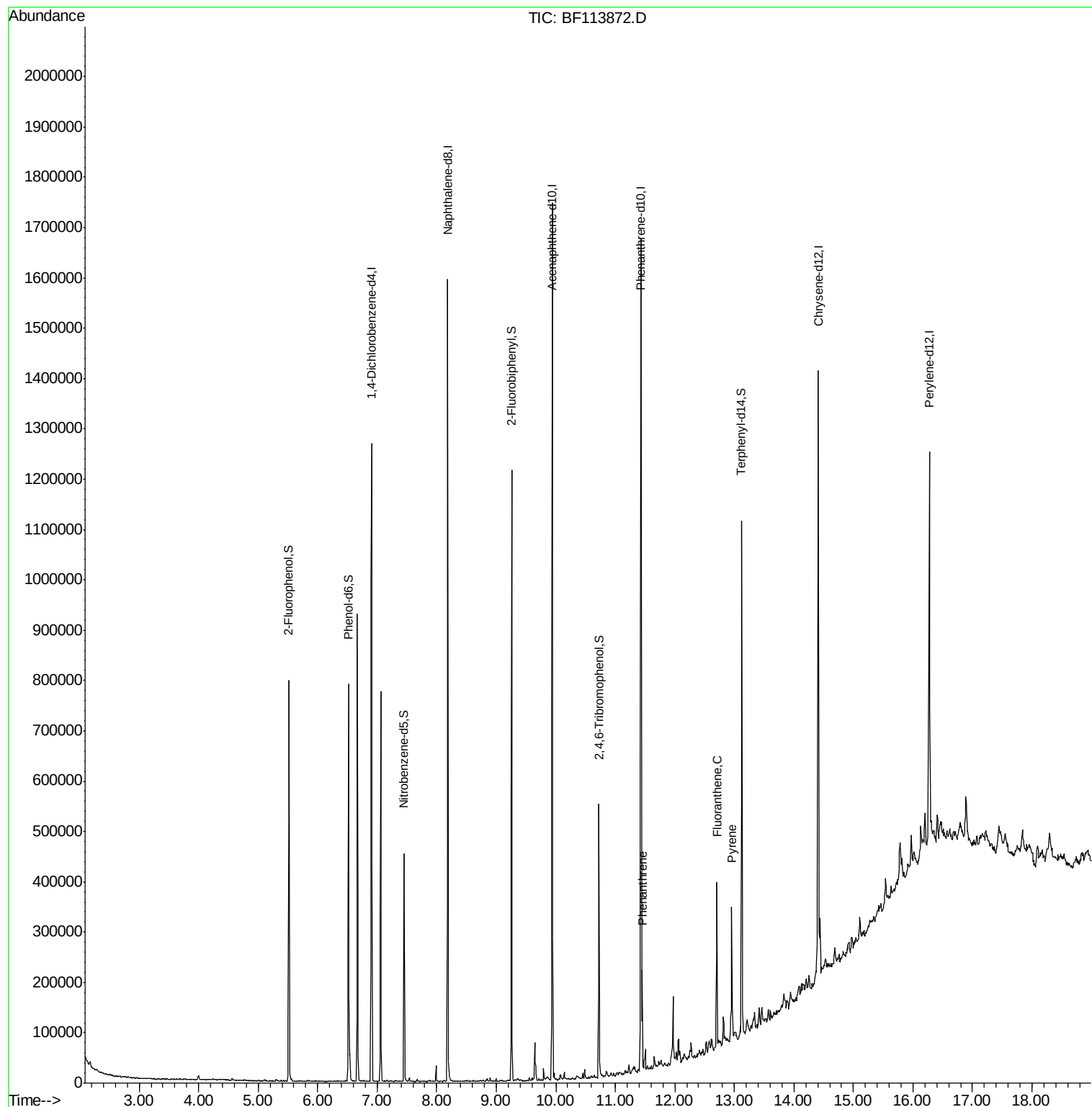
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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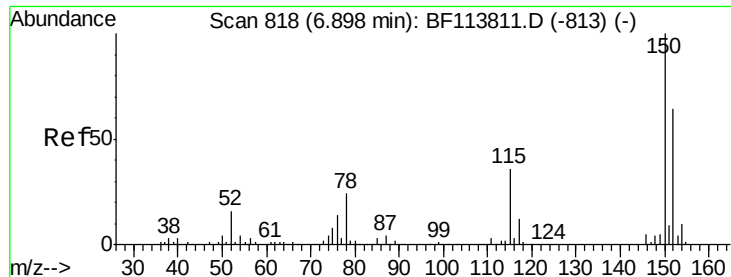
Instrument :
BNA_F
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

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Quant Time: Apr 20 05:15:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration





#1

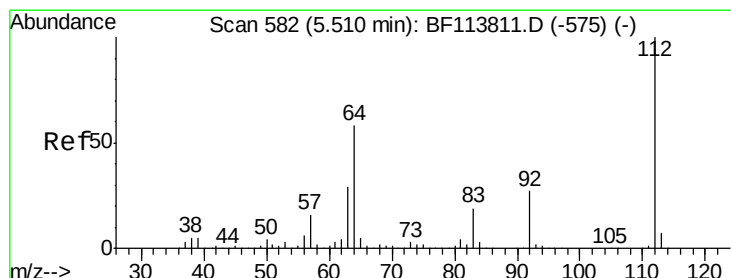
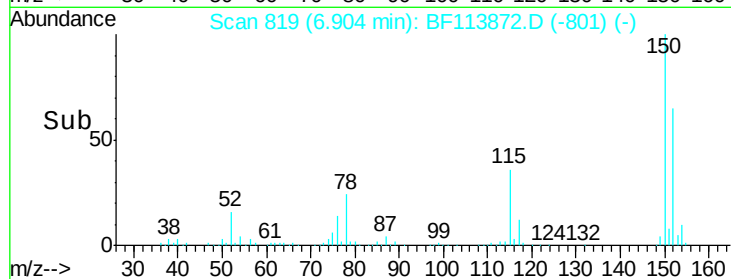
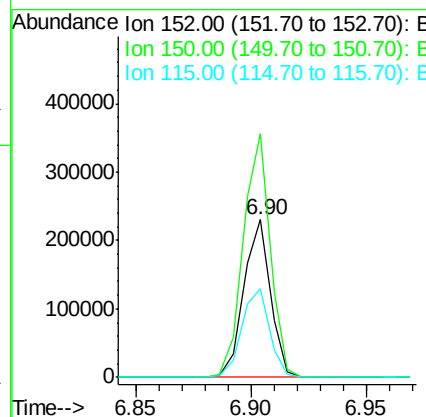
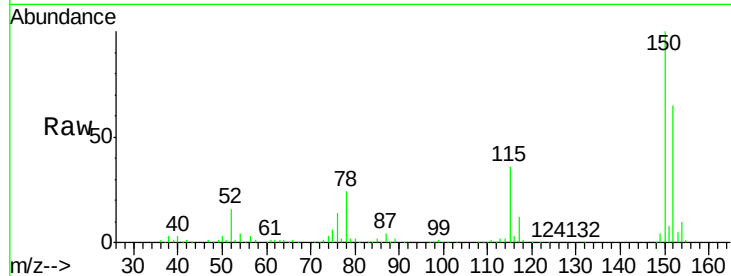
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113872.D
Acq: 19 Apr 2019 21:14

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	186018		
150	154.4	125.9	188.9	
115	56.0	45.9	68.9	

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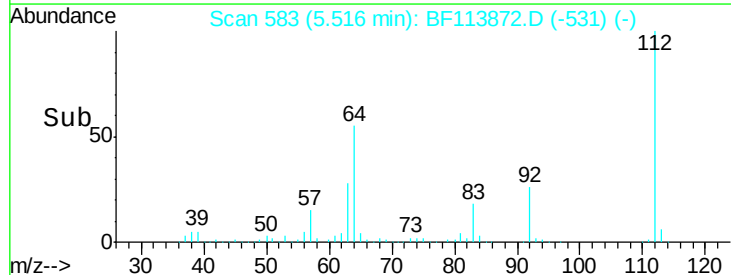
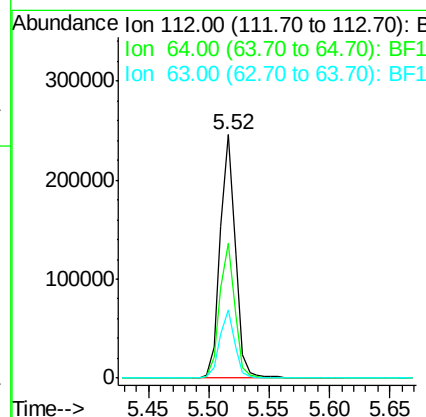
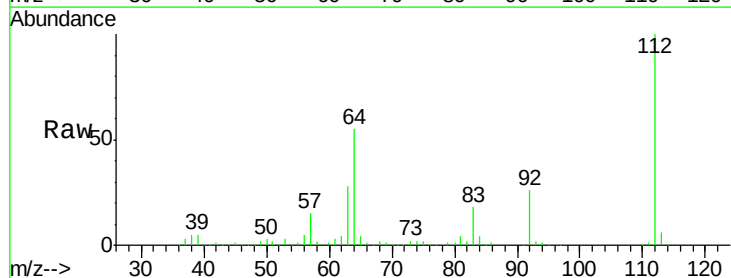
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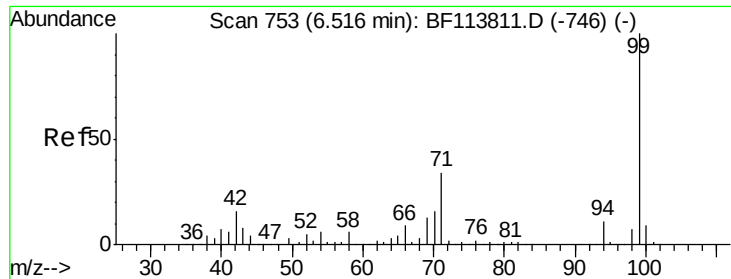


#5

2-Fluorophenol
Concen: 18.897 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF113872.D
Acq: 19 Apr 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	211409		
64	55.3	46.6	69.8	
63	27.8	23.1	34.7	





#7

Phenol-d6

Concen: 19.791 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF113872.D

Acq: 19 Apr 2019 21:14

Instrument :

BNA_F

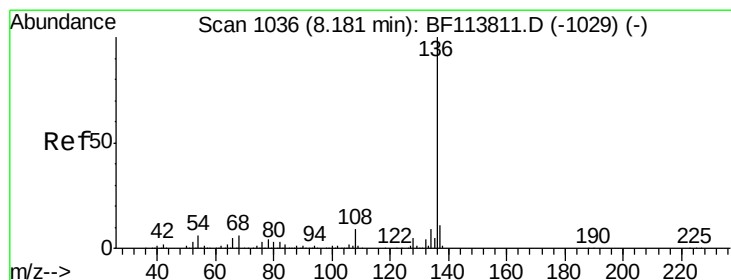
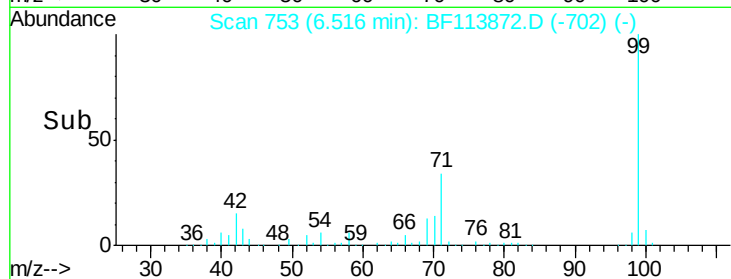
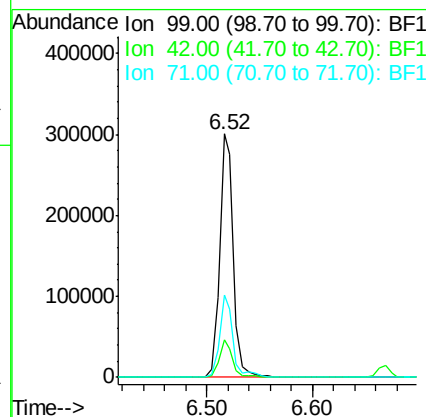
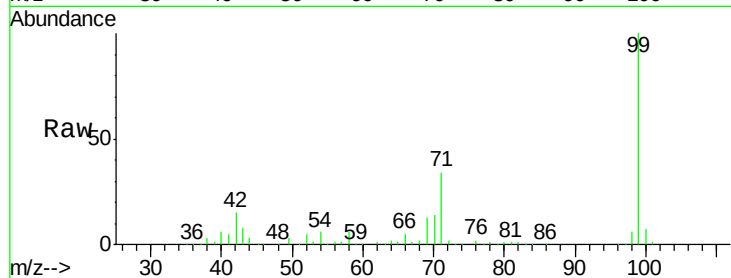
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		276115		
42	15.2	12.5	18.7		
71	33.8	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

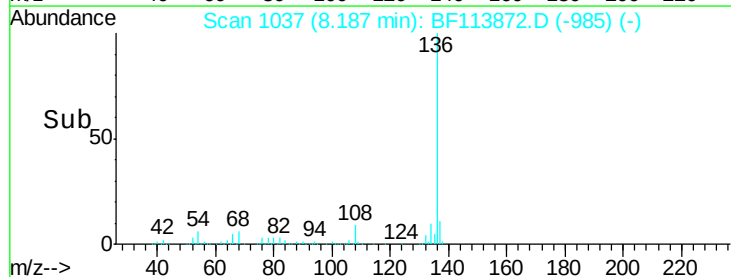
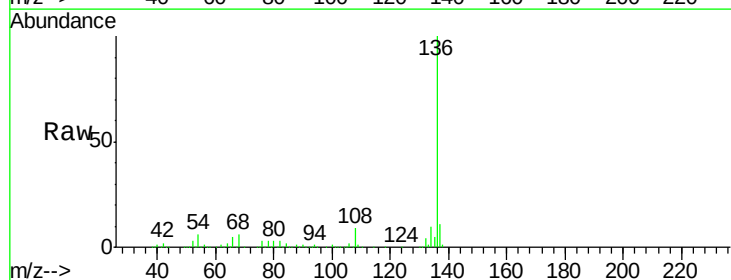
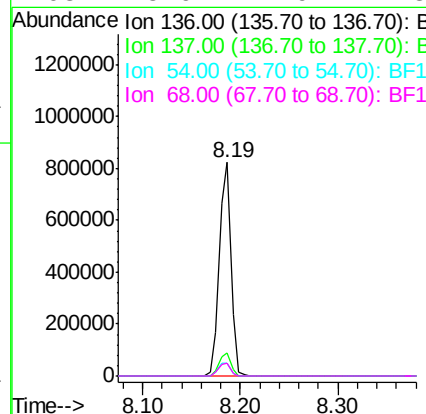
RT: 8.19 min Scan# 1037

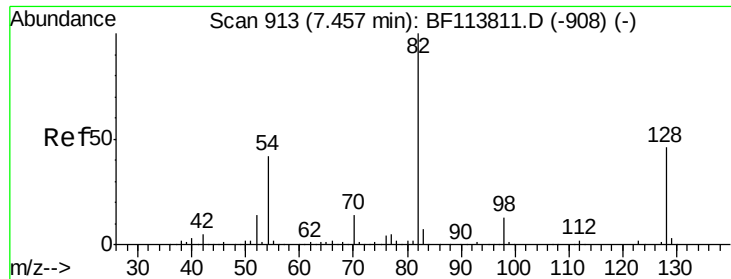
Delta R.T. 0.01 min

Lab File: BF113872.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		685056		
137	10.9	8.6	12.8		
54	6.0	5.0	7.6		
68	5.9	4.9	7.3		





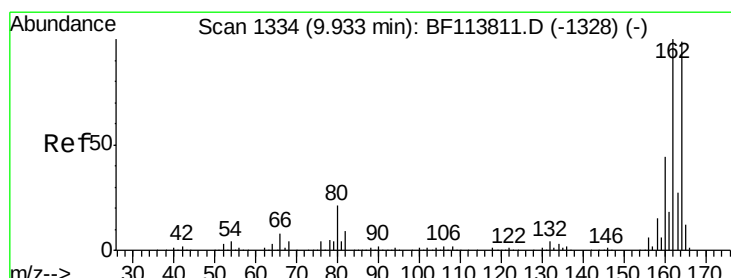
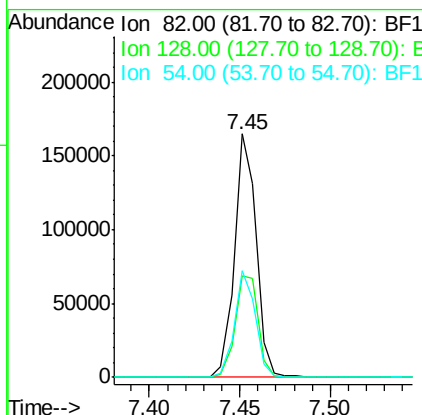
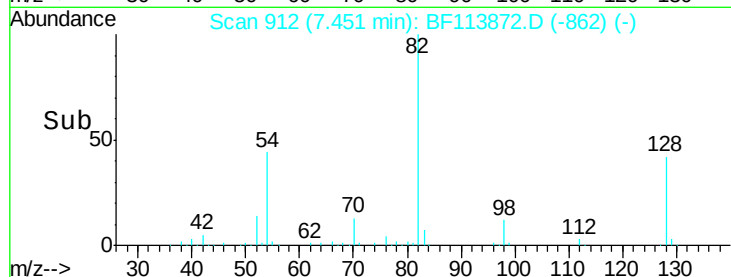
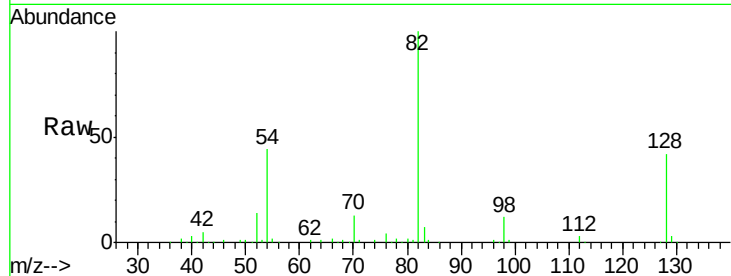
#23
 Nitrobenzene-d5
 Concen: 12.190 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113872.D
 Acq: 19 Apr 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	137137		
128	41.8	36.8	55.2	
54	44.1	33.8	50.6	

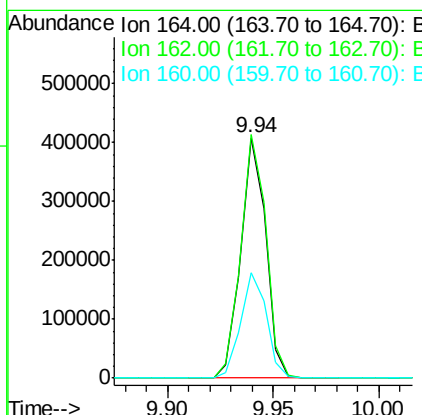
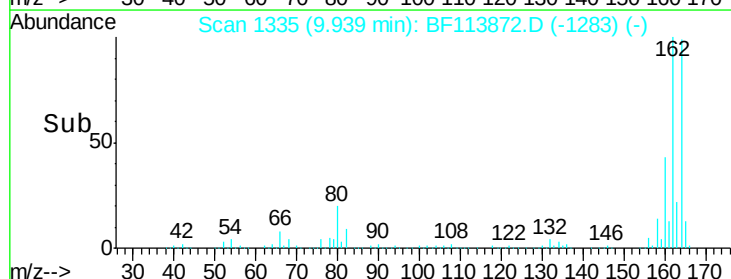
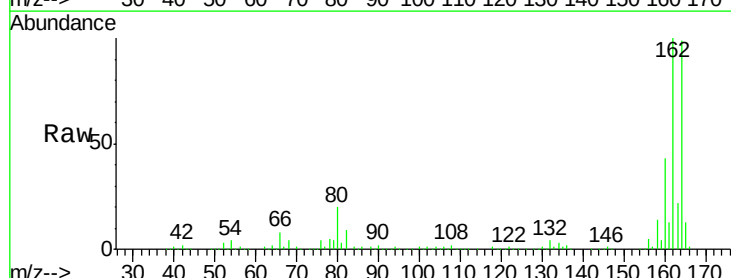
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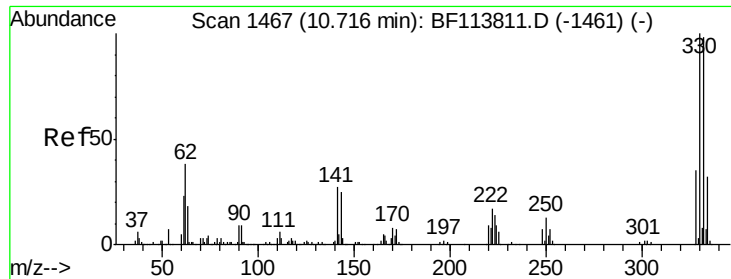
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF113872.D
 Acq: 19 Apr 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	332152		
162	101.4	81.1	121.7	
160	44.1	35.8	53.6	





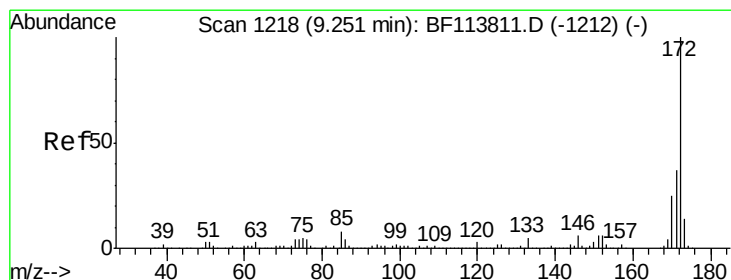
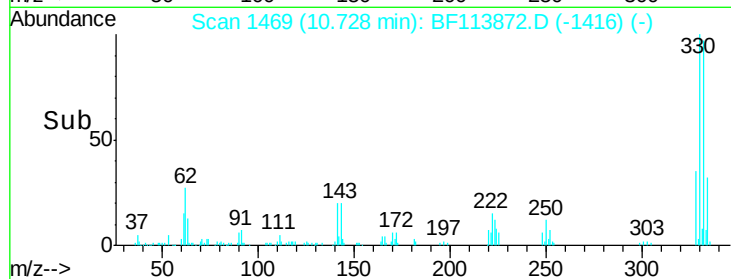
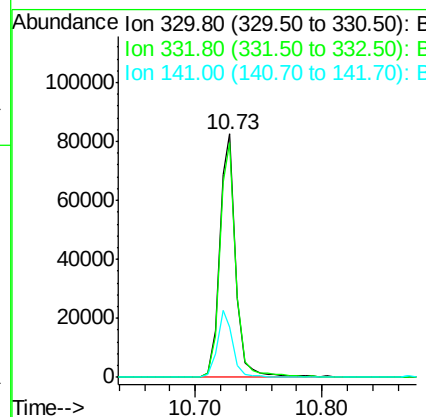
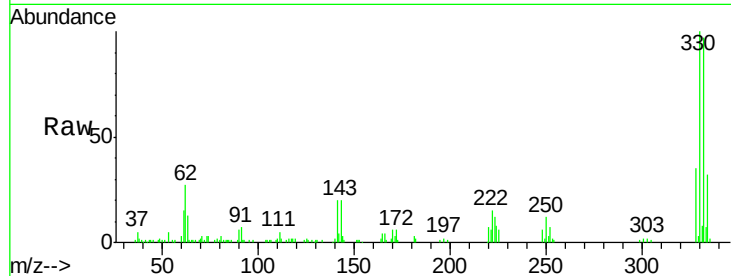
#42
 2,4,6-Tribromophenol
 Concen: 20.128 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF113872.D
 Acq: 19 Apr 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	73864		
332	96.5	77.5	116.3	
141	26.7	22.2	33.2	

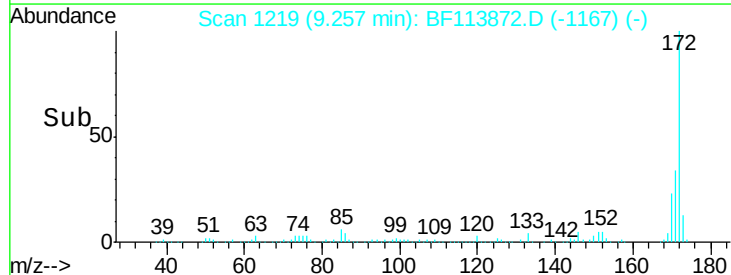
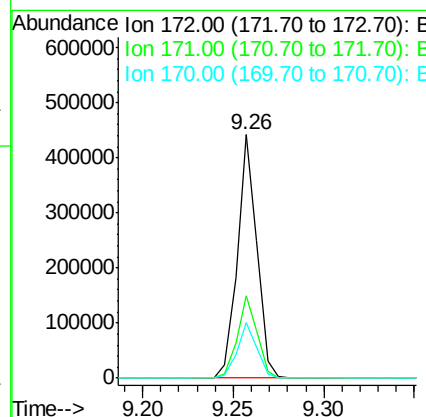
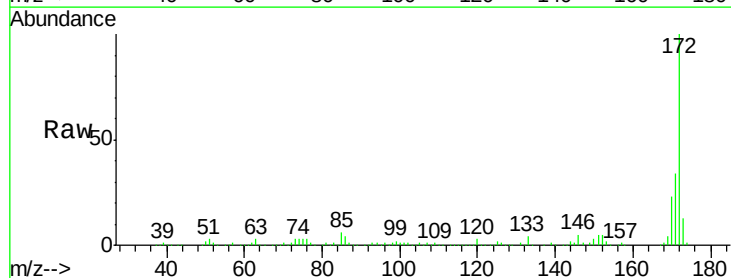
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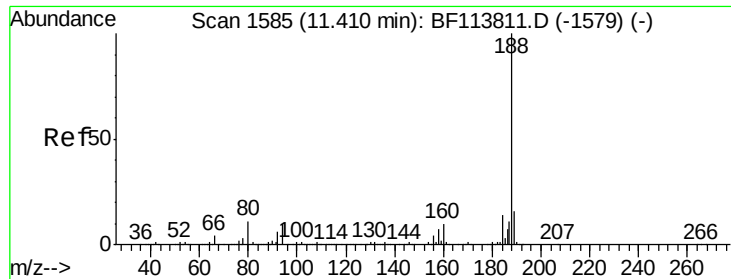
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#45
 2-Fluorobiphenyl
 Concen: 15.179 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF113872.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	330593		
171	34.0	29.4	44.0	
170	22.7	19.9	29.9	





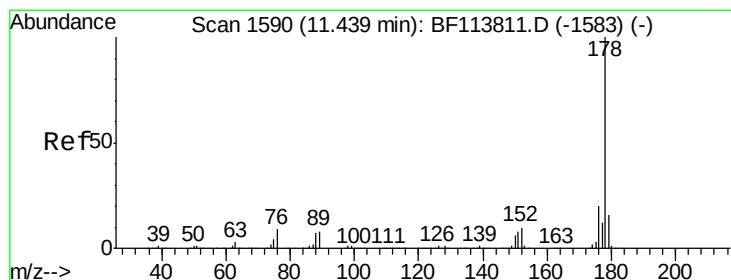
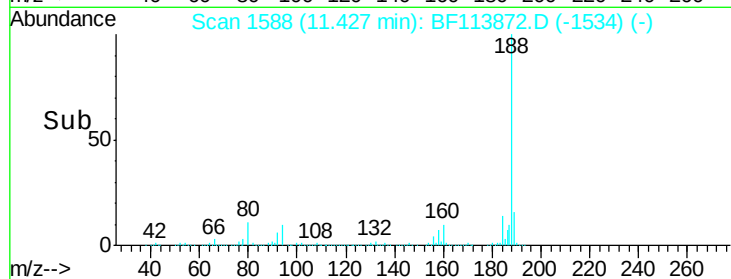
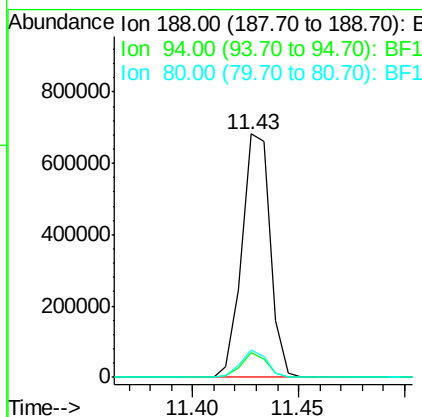
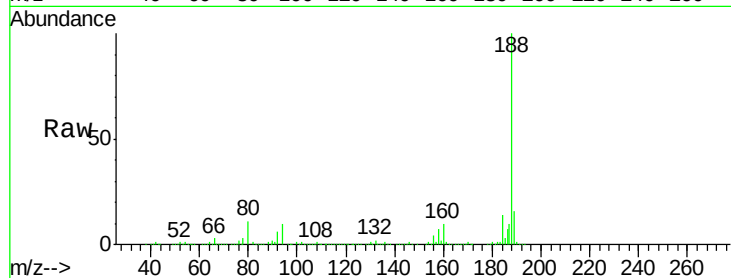
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.02 min
Lab File: BF113872.D
Acq: 19 Apr 2019 21:14

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	188	Resp:	633613
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.2	12.4
80	11.2	9.0	13.6

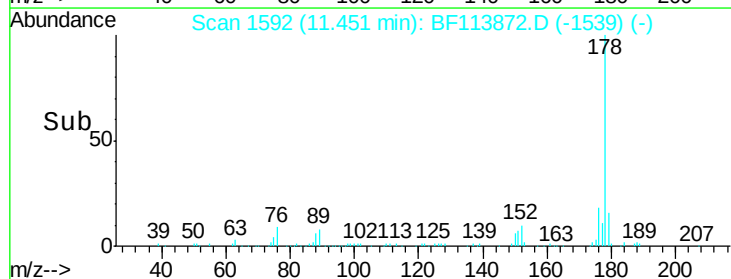
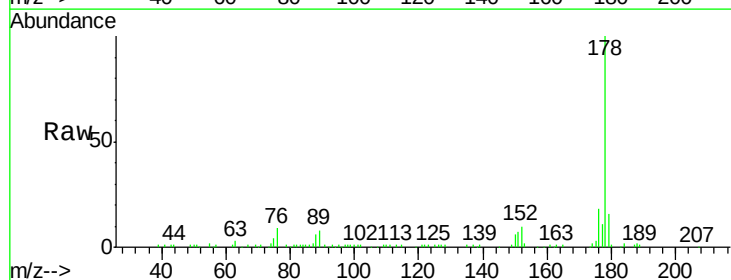
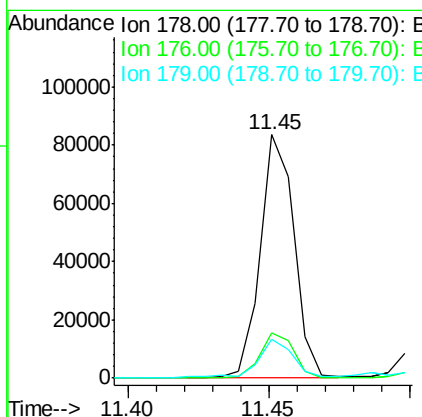
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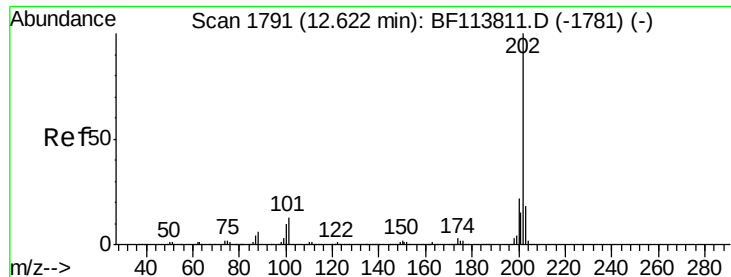
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#71
Phenanthrene
Concen: 2.158 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF113872.D
Acq: 19 Apr 2019 21:14

Tgt Ion:	178	Resp:	69635
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.1	24.1
179	16.0	12.8	19.2





#75

Fluoranthene

Concen: 3.683 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.08 min

Lab File: BF113872.D

Acq: 19 Apr 2019 21:14

Instrument :

BNA_F

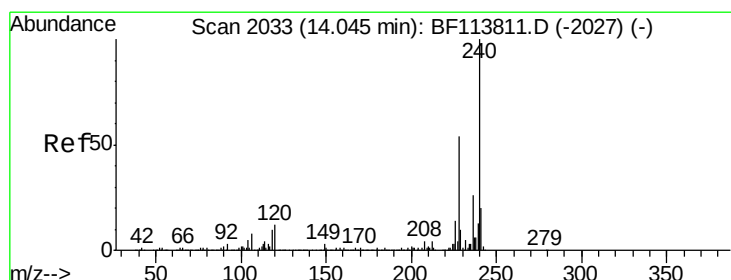
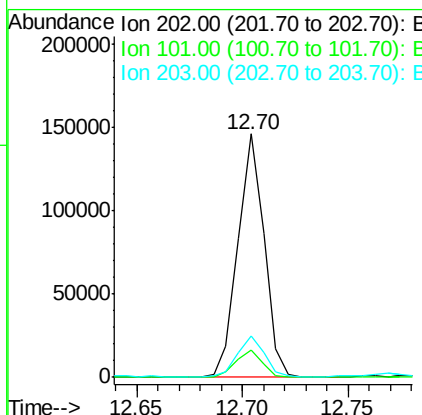
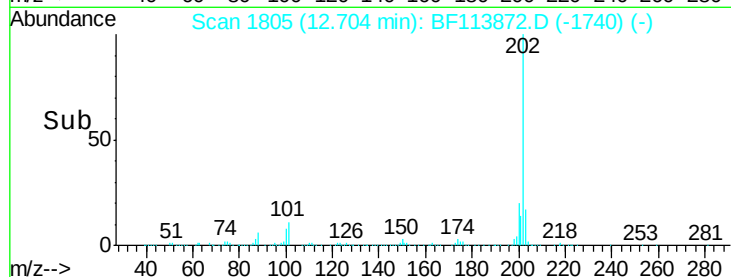
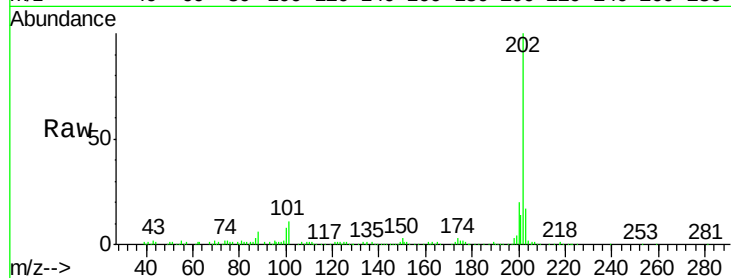
ClientSampleId :

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Tgt	Ion:202	Resp:	125968
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.9
203	17.2	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng m

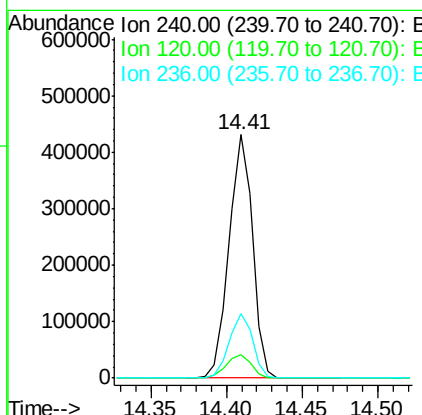
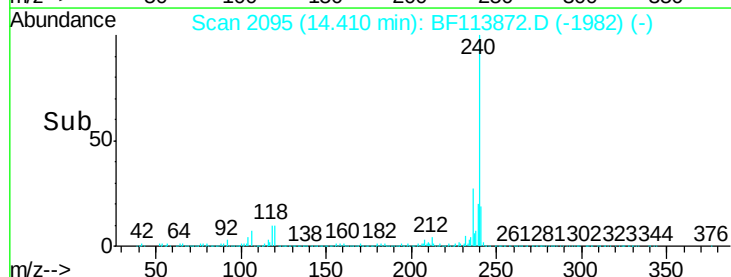
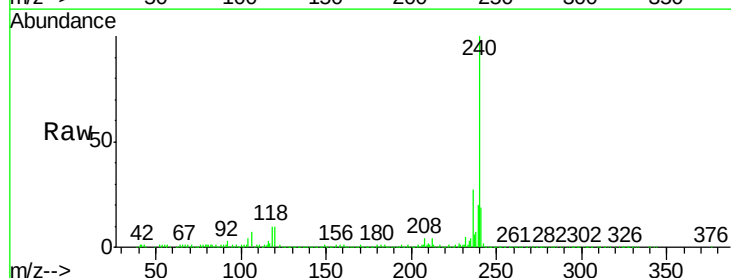
RT: 14.41 min Scan# 2095

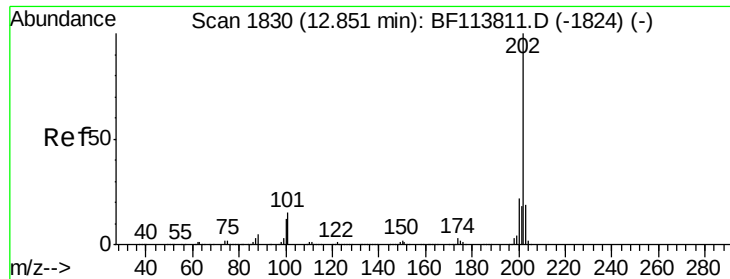
Delta R.T. 0.36 min

Lab File: BF113872.D

Acq: 19 Apr 2019 21:14

Tgt	Ion:240	Resp:	463423
Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.3	13.9
236	26.7	21.2	31.8





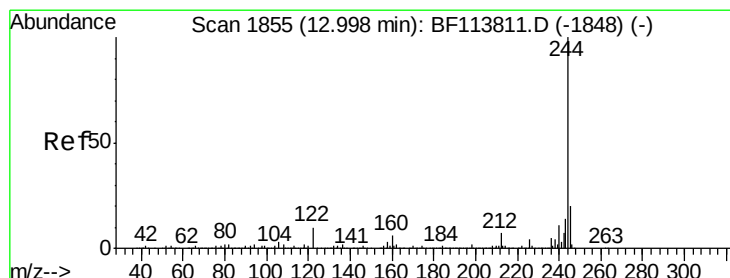
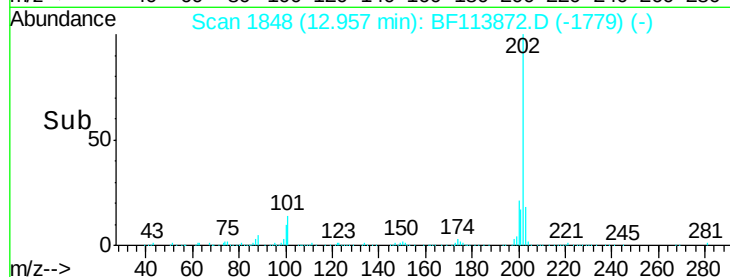
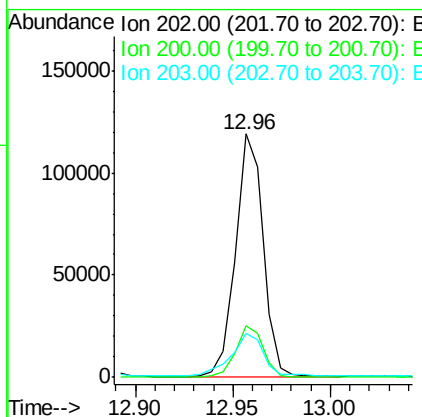
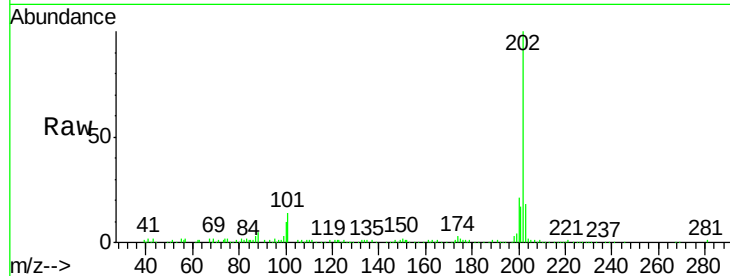
#78
 Pyrene
 Concen: 3.601 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.11 min
 Lab File: BF113872.D
 Acq: 19 Apr 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	117594		
200	21.3	17.7	26.5	
203	18.2	15.0	22.6	

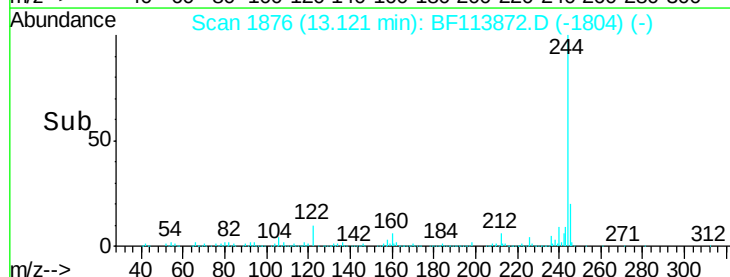
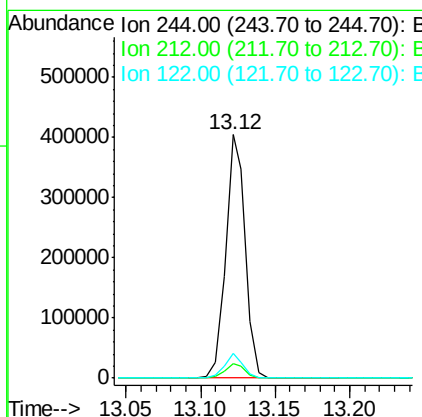
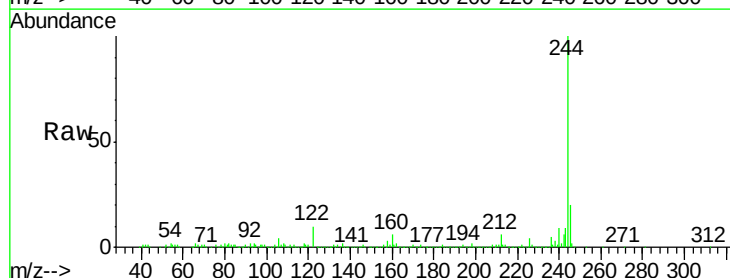
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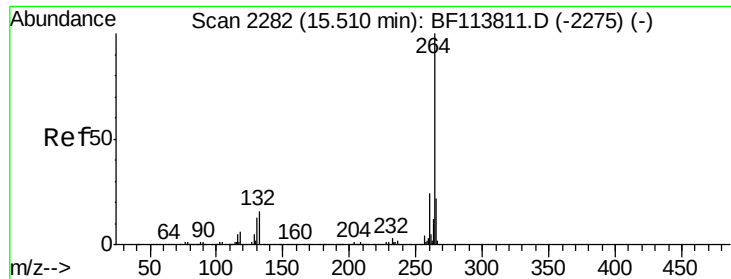
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#79
 Terphenyl-d14
 Concen: 16.896 ng
 RT: 13.12 min Scan# 1876
 Delta R.T. 0.12 min
 Lab File: BF113872.D
 Acq: 19 Apr 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	373404		
212	6.0	5.4	8.2	
122	10.2	7.6	11.4	





#87
Perylene-d12
Concen: 20.000 ng m
RT: 16.27 min Scan# 2412
Delta R.T. 0.76 min
Lab File: BF113872.D
Acq: 19 Apr 2019 21:14

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	264	Resp:	403419
Ion Ratio		Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.8	17.3	25.9

Manual Integrations
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