

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020028.D
 Acq On : 23 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2472-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 4/23/2019 4:13:54 PM

Quant Time: Apr 23 07:46:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	87257	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	306724m	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	157614m	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	324816m	20.00	ng	0.00
76) Chrysene-d12	21.16	240	295478m	20.00	ng	0.00
87) Perylene-d12	23.35	264	378051m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	676797	125.70	ng	-0.01
7) Phenol-d6	6.70	99	712061	87.88	ng	-0.01
23) Nitrobenzene-d5	8.67	82	639244	93.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	290241	114.40	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1224918	96.85	ng	-0.01
79) Terphenyl-d14	19.58	244	1808401	107.95	ng	-0.01

Target Compounds Qvalue

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

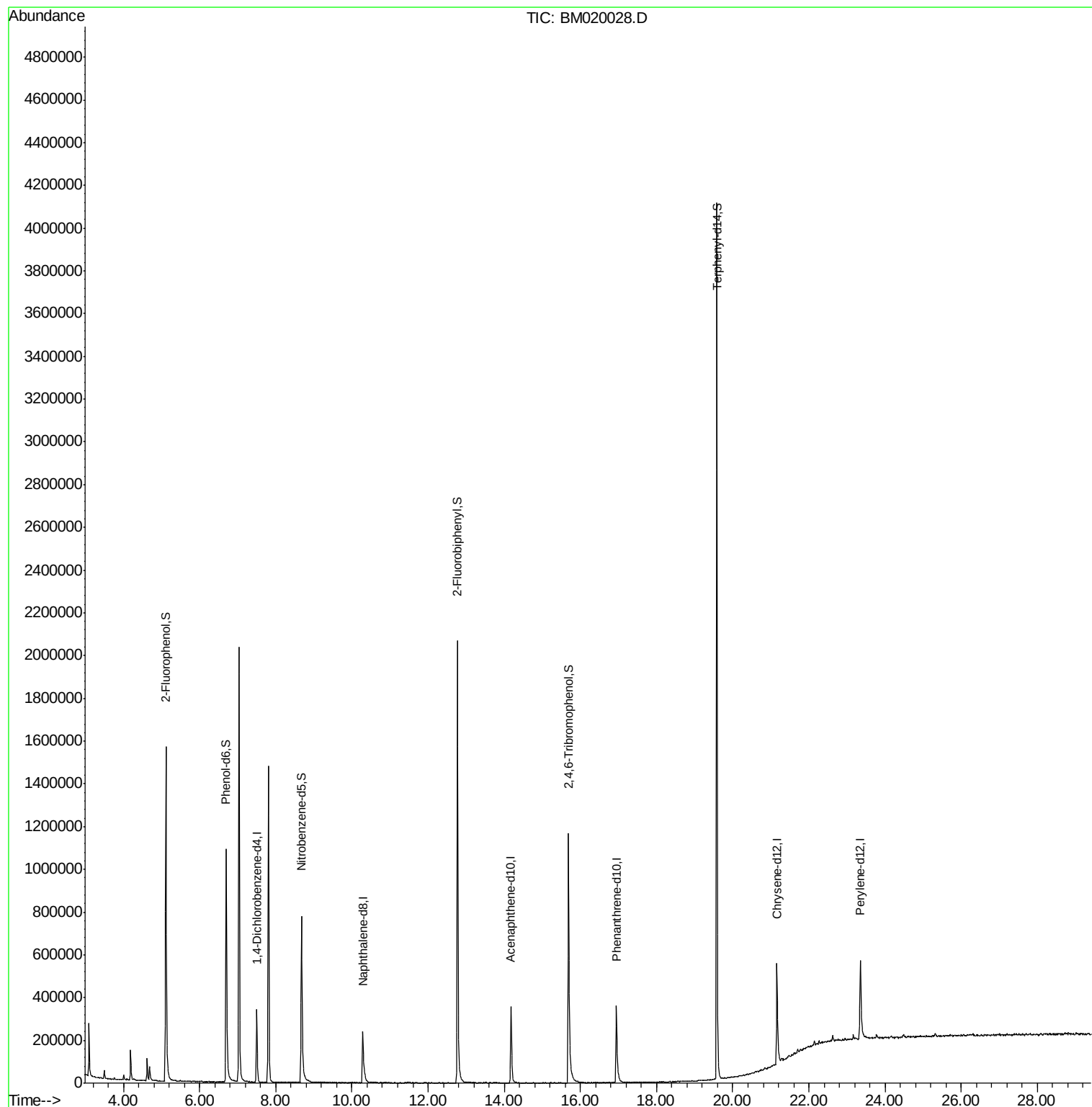
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020028.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

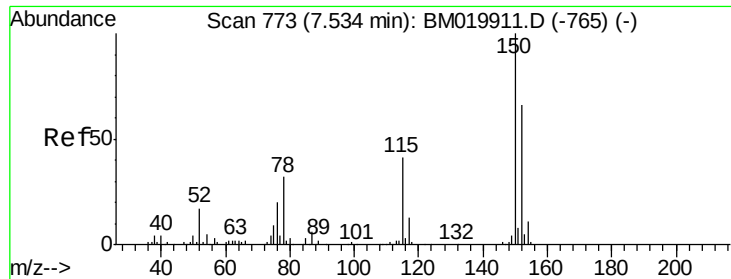
Instrument :
BNA_M
ClientSampleId :
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#1

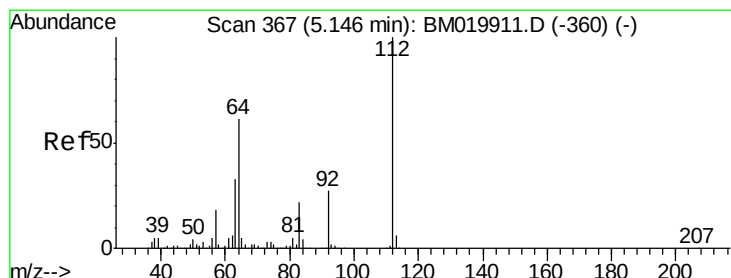
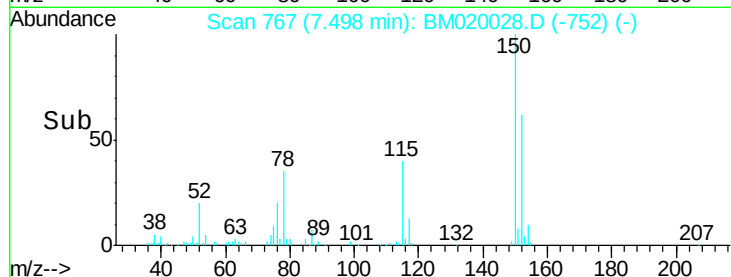
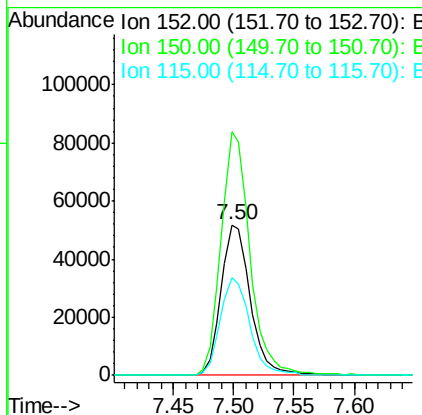
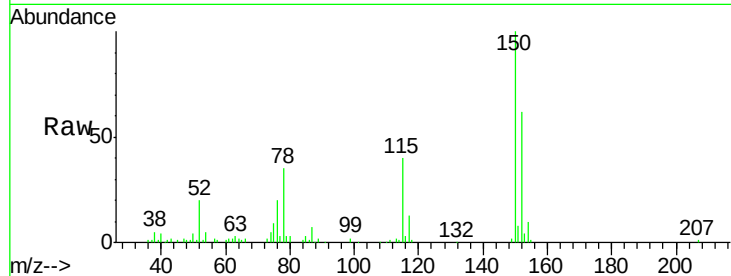
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM020028.D
Acq: 23 Apr 2019 05:42

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.5	122.1	183.1
115	65.2	50.0	75.0

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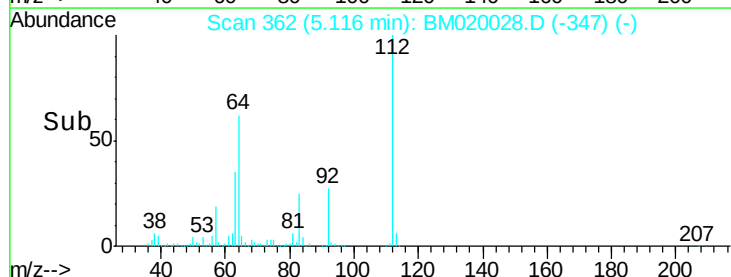
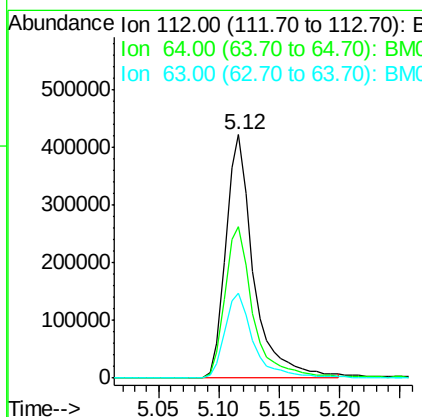
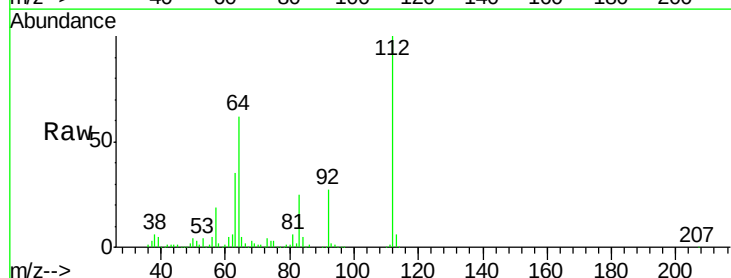
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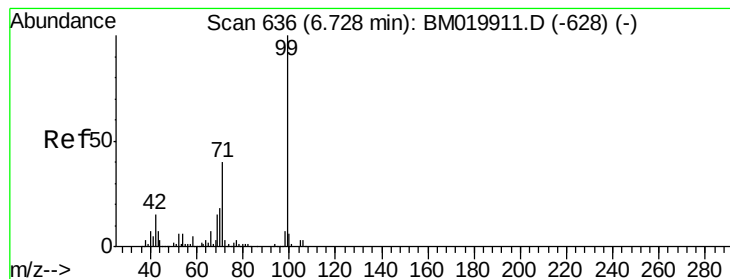


#5

2-Fluorophenol
Concen: 125.703 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020028.D
Acq: 23 Apr 2019 05:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.1	73.7
63	35.1	26.5	39.7





#7

Phenol-d6

Concen: 87.877 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020028.D

Acq: 23 Apr 2019 05:42

Instrument :

BNA_M

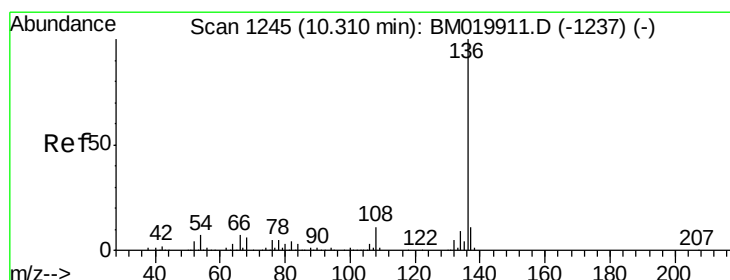
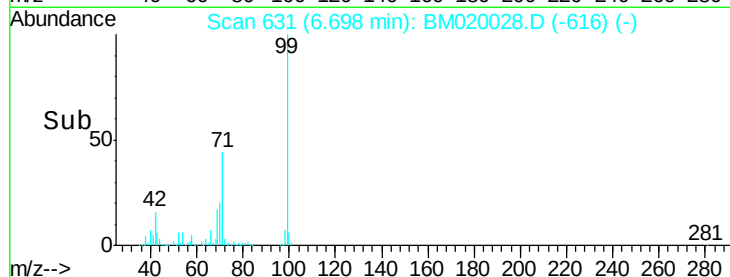
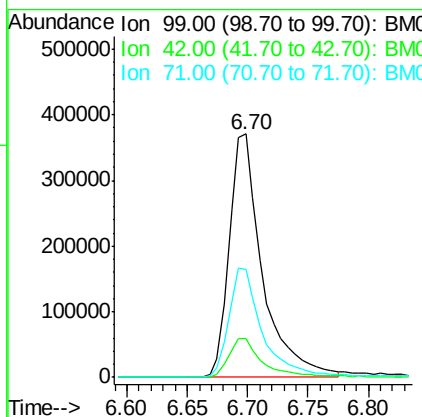
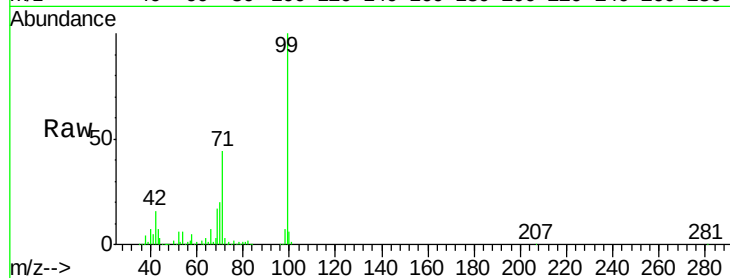
ClientSampleId :

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Tgt Ion:	99	Resp:	712061
Ion Ratio	Lower	Upper	
99	100		
42	16.1	11.8	17.8
71	44.2	32.0	48.0

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#21

Naphthalene-d8

Concen: 20.000 ng m

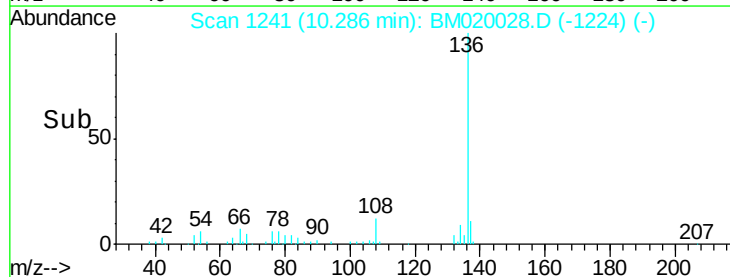
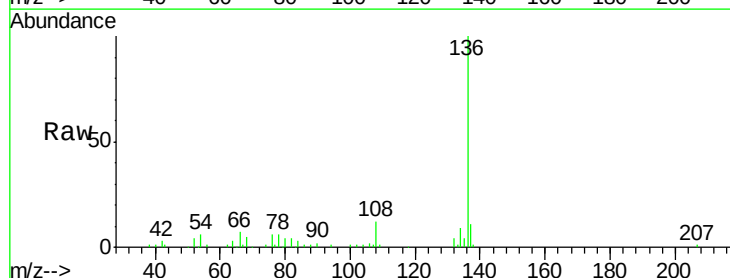
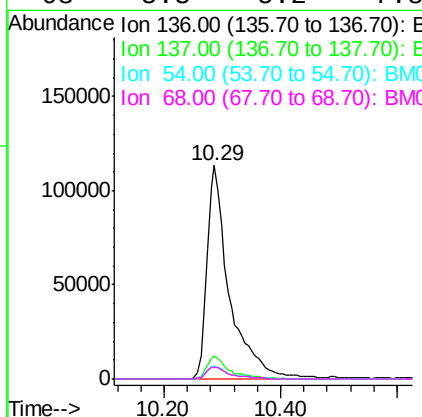
RT: 10.29 min Scan# 1241

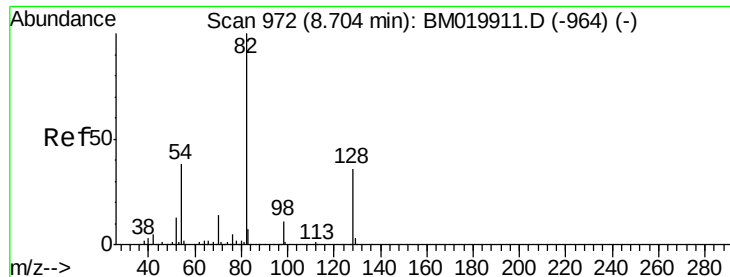
Delta R.T. -0.00 min

Lab File: BM020028.D

Acq: 23 Apr 2019 05:42

Tgt Ion:	136	Resp:	306724
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	6.1	5.3	7.9
68	5.3	5.2	7.8





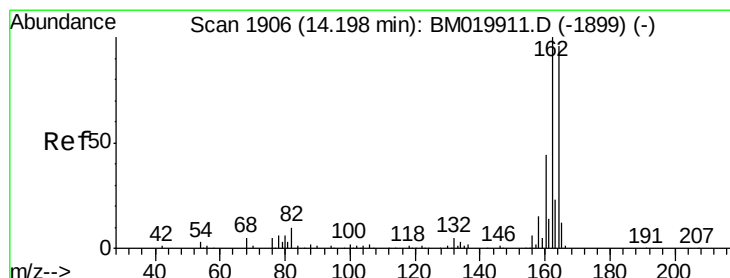
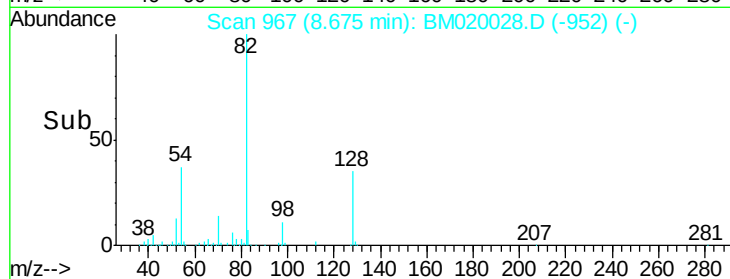
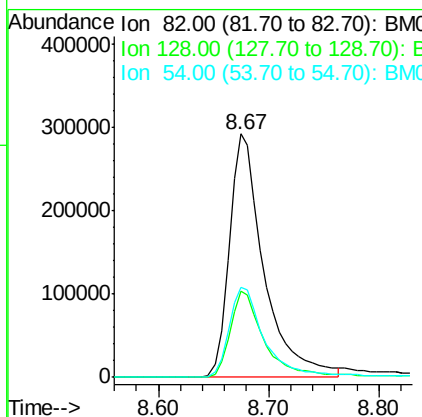
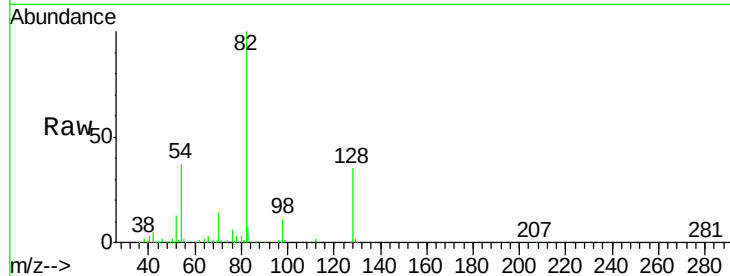
#23
Nitrobenzene-d5
Concen: 93.203 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020028.D
Acq: 23 Apr 2019 05:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	639244		
128	35.4	29.0	43.4	
54	37.1	30.2	45.4	

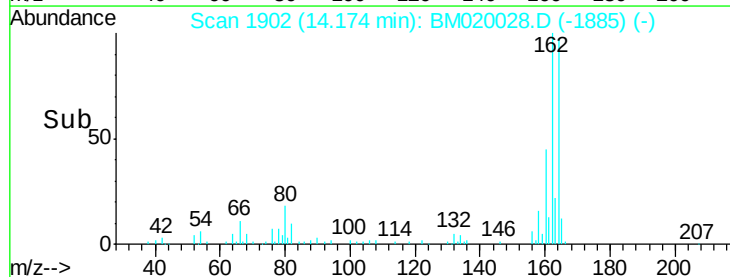
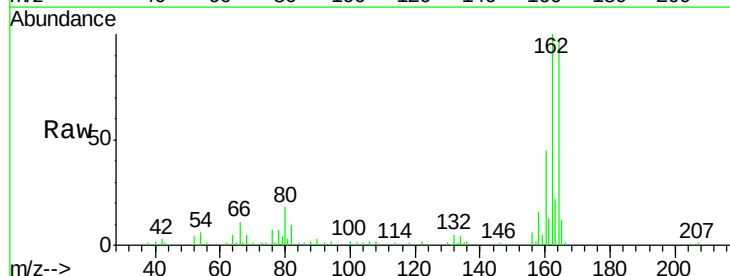
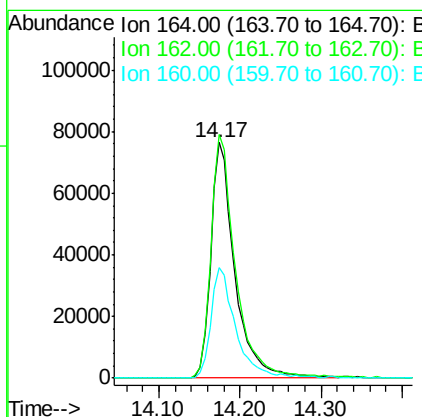
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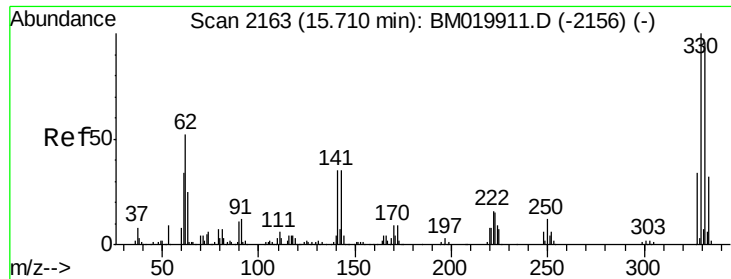
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#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM020028.D
Acq: 23 Apr 2019 05:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	157614		
162	103.4	83.0	124.4	
160	46.9	36.6	55.0	





#42

2,4,6-Tribromophenol

Concen: 114.396 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020028.D

Acq: 23 Apr 2019 05:42

Instrument :

BNA_M

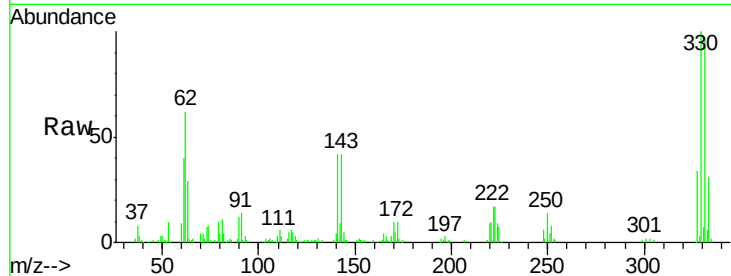
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

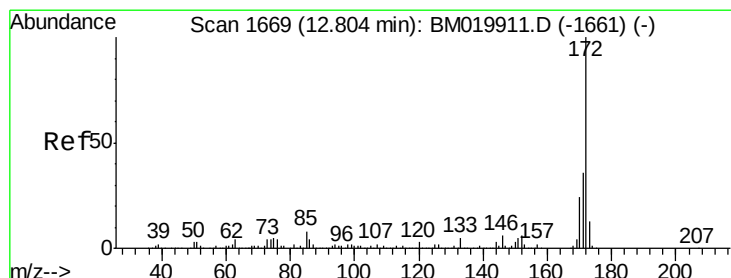
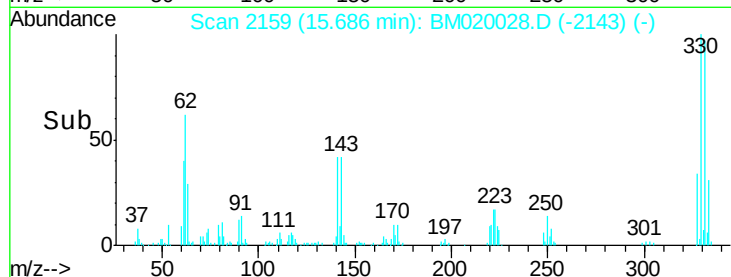
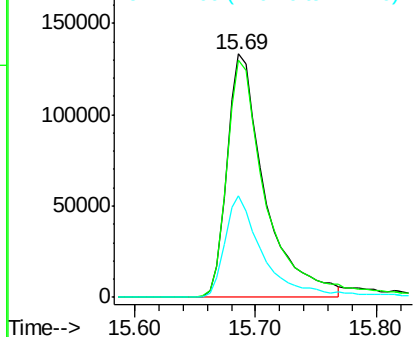
Tgt Ion:	330	Resp:	290241
Ion Ratio		Lower	Upper
330	100		
332	98.3	77.4	116.2
141	40.8	29.0	43.4

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 96.853 ng

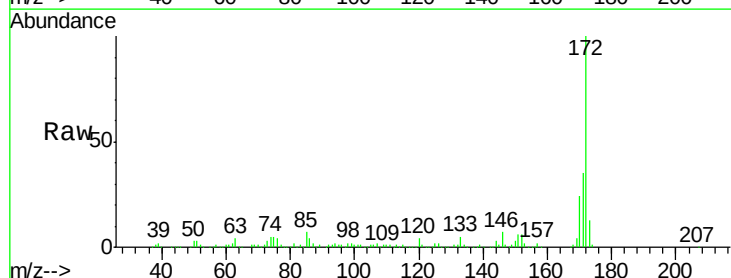
RT: 12.77 min Scan# 1664

Delta R.T. -0.01 min

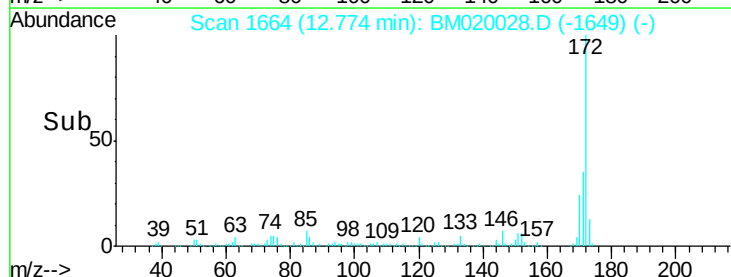
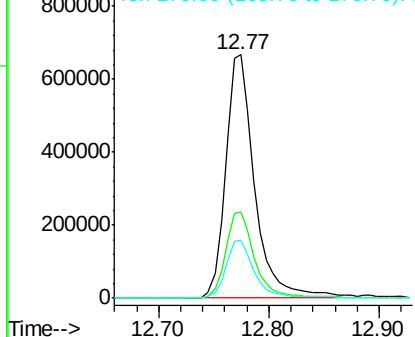
Lab File: BM020028.D

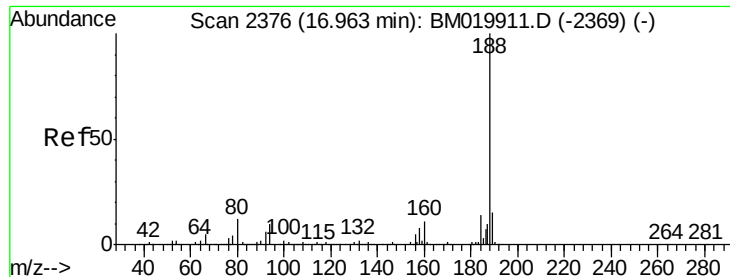
Acq: 23 Apr 2019 05:42

Tgt Ion:	172	Resp:	1224918
Ion Ratio		Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.7	19.0	28.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





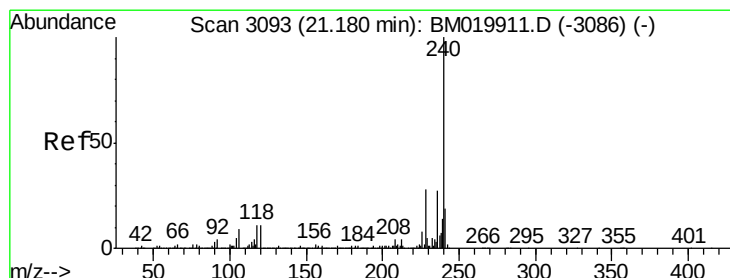
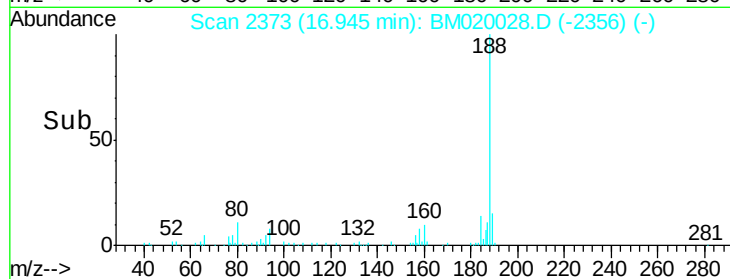
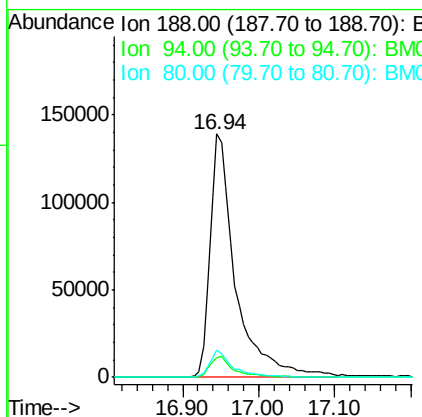
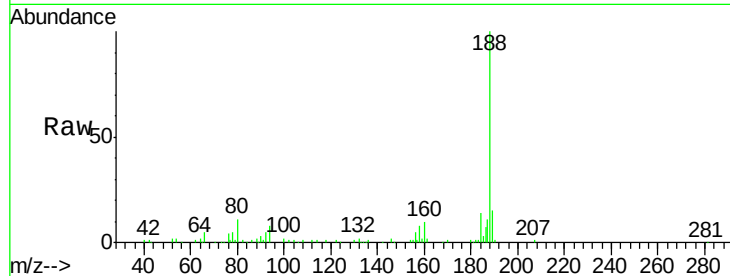
#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM020028.D
Acq: 23 Apr 2019 05:42

Instrument :
BNA_M
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EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	324816		
94	7.9		7.6	11.4
80	11.4		9.4	14.0

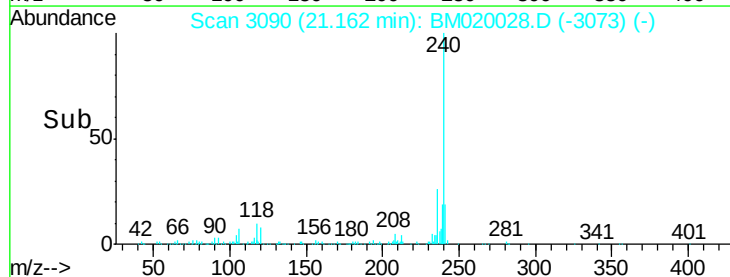
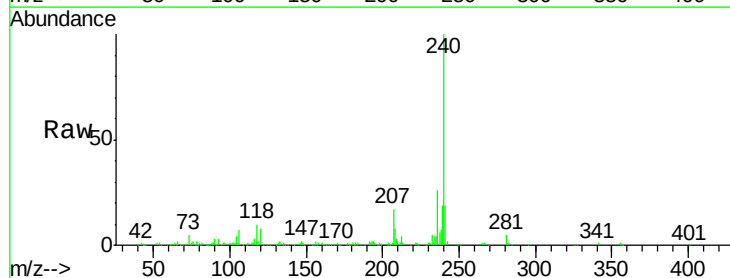
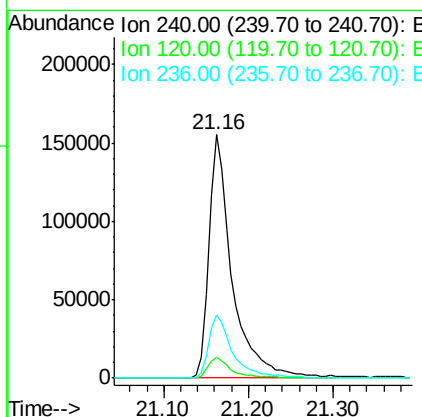
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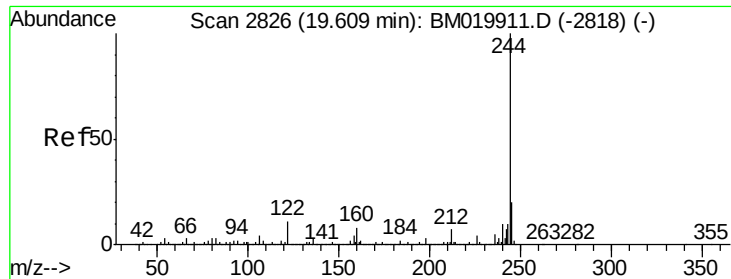
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#76
Chrysene-d12
Concen: 20.000 ng m
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM020028.D
Acq: 23 Apr 2019 05:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	295478		
120	8.4		8.6	13.0#
236	26.2		21.4	32.2





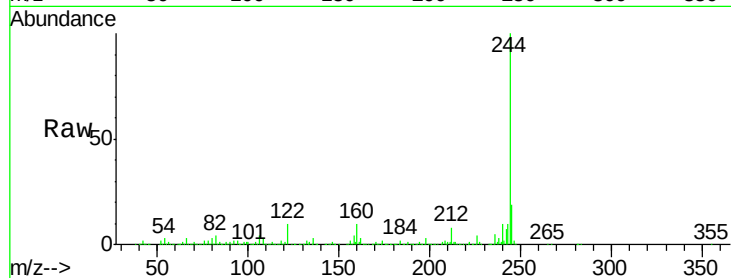
#79
 Terphenyl-d14
 Concen: 107.951 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM020028.D
 Acq: 23 Apr 2019 05:42

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

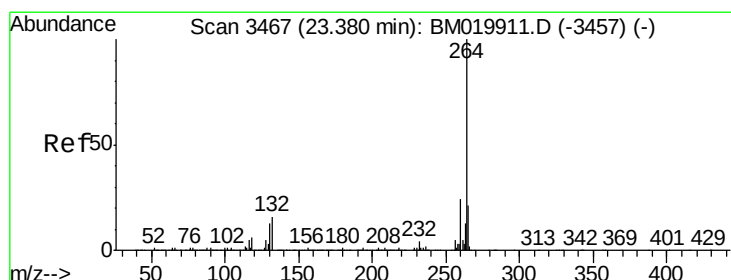
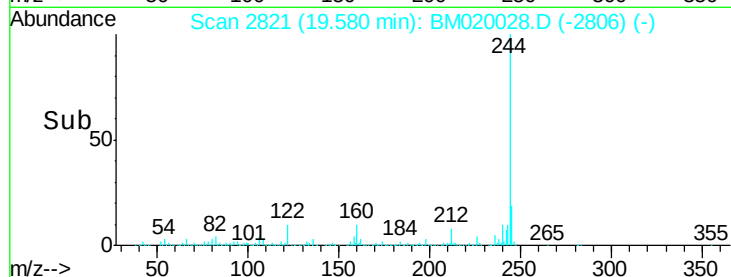
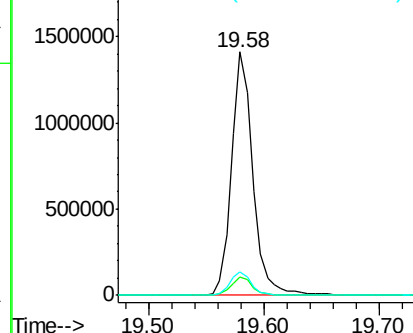
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.8	9.1	13.7

Manual Integrations
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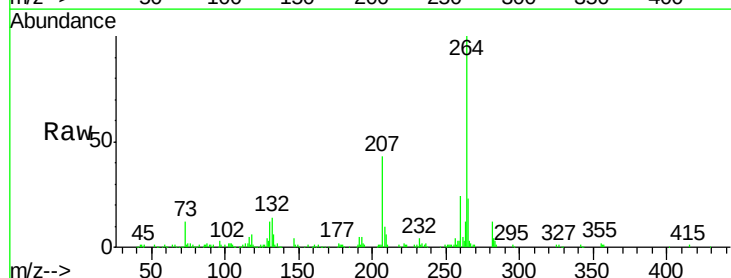


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng m
 RT: 23.35 min Scan# 3462
 Delta R.T. -0.00 min
 Lab File: BM020028.D
 Acq: 23 Apr 2019 05:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	23.1	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

