

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115825.D
 Acq On : 27 Jul 2019 12:42
 Operator : HP/JU
 Sample : K4011-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIPE

Manual Integrations
 APPROVED

mohammad
 7/29/2019 5:29:47 PM

Quant Time: Jul 29 01:54:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141281	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	538960	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296371	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	520256	20.00	ng	0.00
76) Chrysene-d12	14.03	240	389770	20.00	ng	0.00
87) Perylene-d12	15.50	264	376430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	930532	107.73	ng	0.00
7) Phenol-d6	6.50	99	1273030	116.16	ng	0.00
23) Nitrobenzene-d5	7.43	82	834824	90.07	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	282300	81.60	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1518162	89.66	ng	0.00
79) Terphenyl-d14	12.97	244	1726254	81.72	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.86	142	68008	3.931	ng	Qvalue 100
38) 1-Methylnaphthalene	8.96	142	46409m	2.824	ng	
50) Dimethylphthalate	9.62	163	185155	8.304	ng	# 98

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

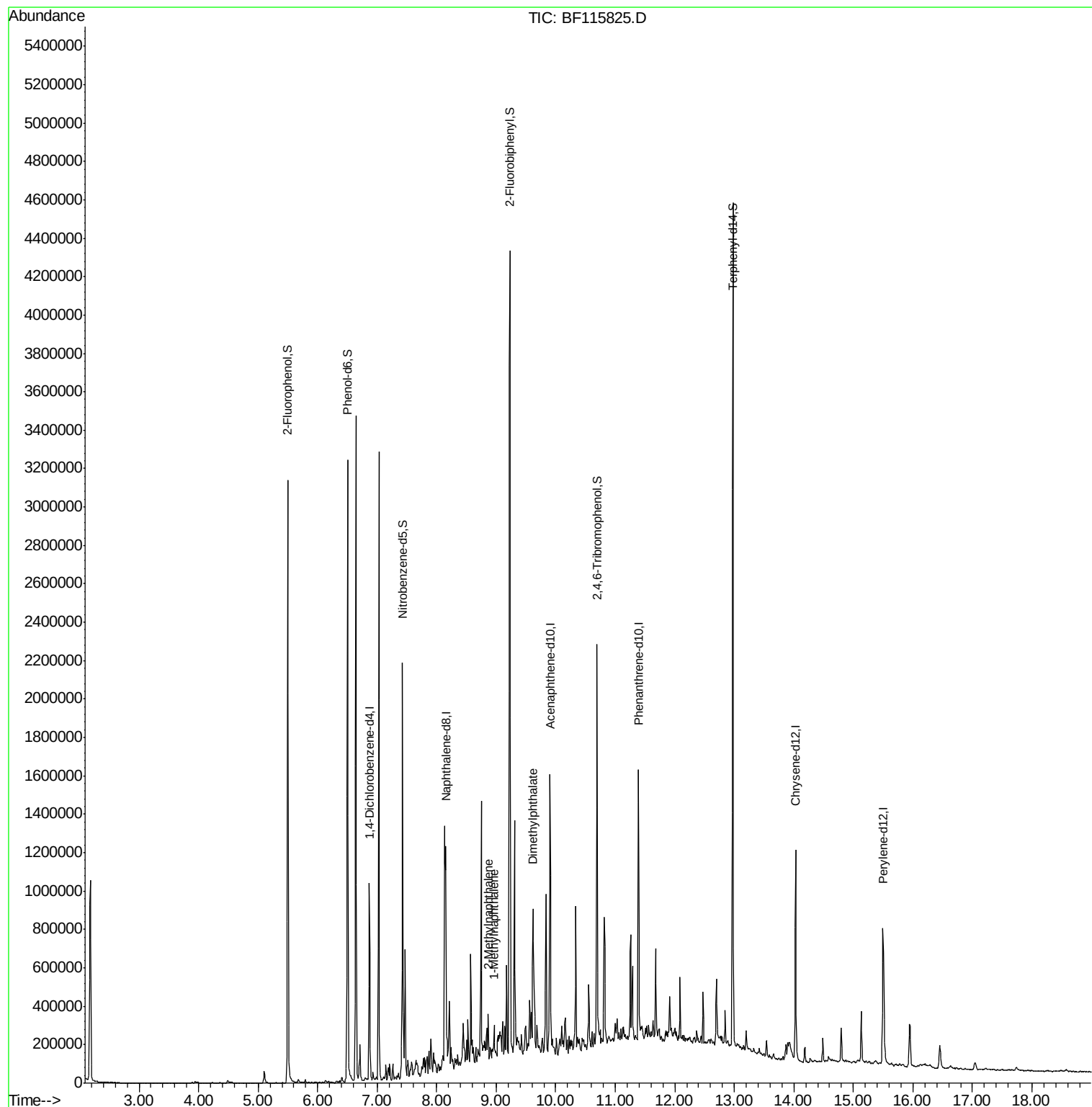
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
Data File : BF115825.D
Acq On : 27 Jul 2019 12:42
Operator : HP/JU
Sample : K4011-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

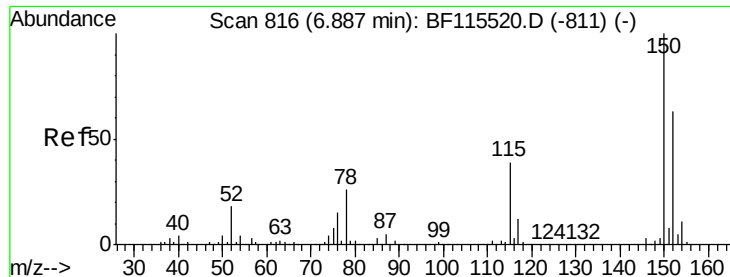
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIPE

Manual Integrations
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Quant Time: Jul 29 01:54:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
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#1

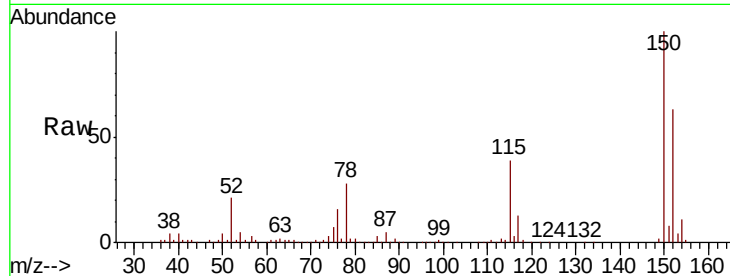
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115825.D
Acq: 27 Jul 2019 12:42

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIPE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	61.7	47.8	71.6

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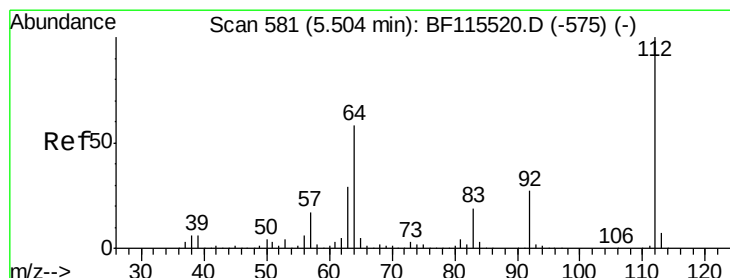
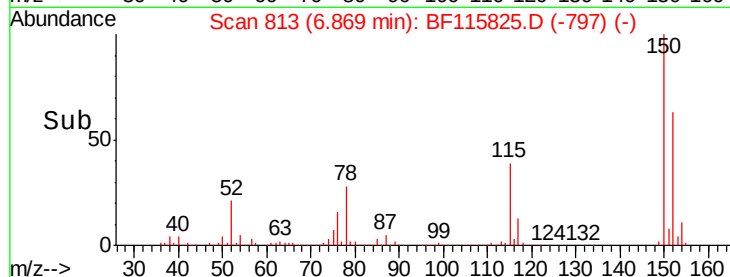
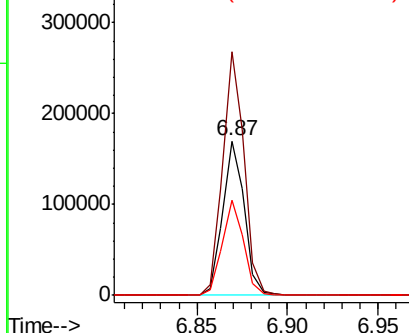


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

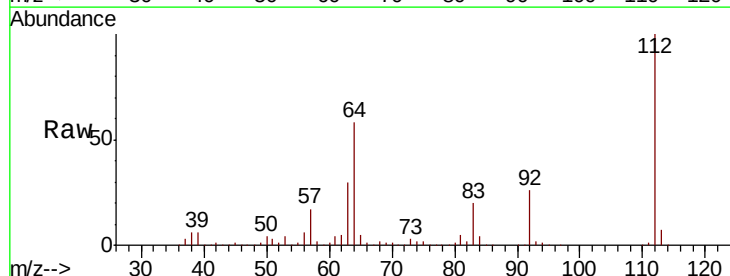
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.734 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF115825.D
Acq: 27 Jul 2019 12:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.8	68.8
63	30.1	23.6	35.4

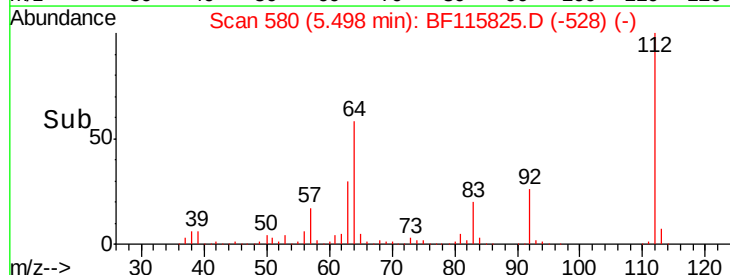
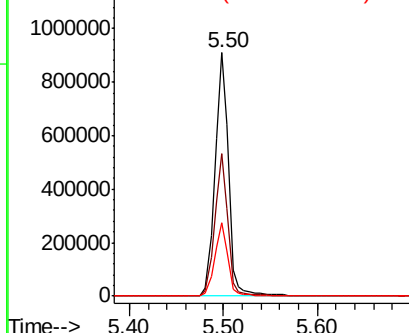


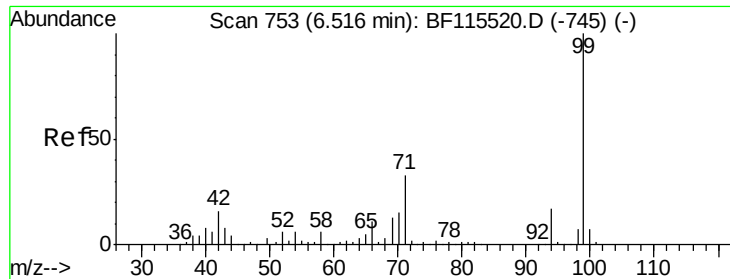
Abundance

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: 116.155 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PIPE

Tot Ion: 99 Resp: 1273030

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.2

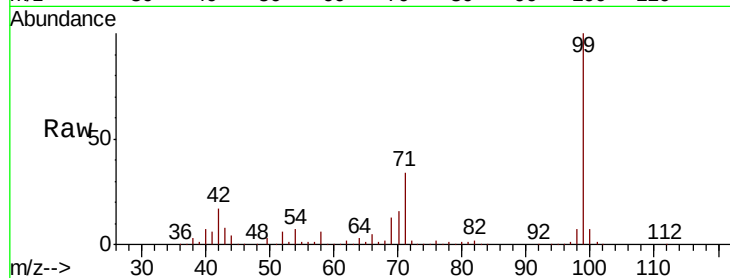
71 34.2 26.7 40.1

Manual Integrations

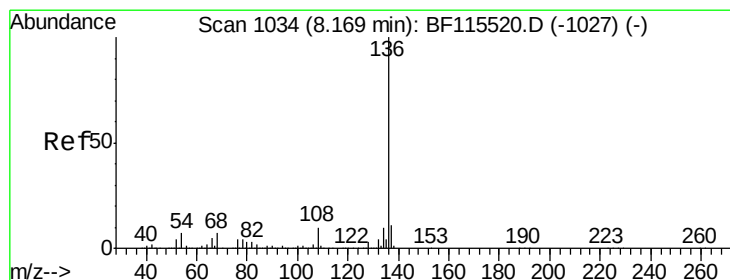
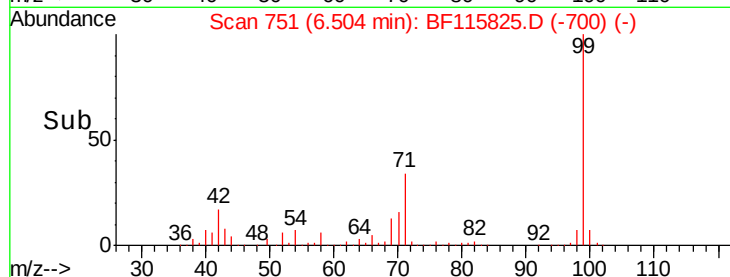
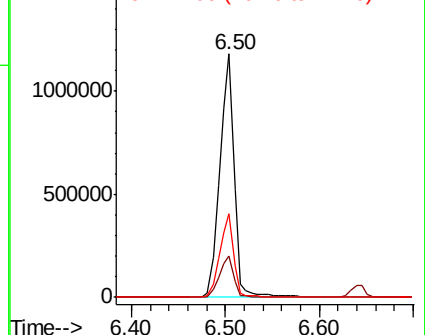
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Tgt Ion: 136 Resp: 538960

Ion Ratio Lower Upper

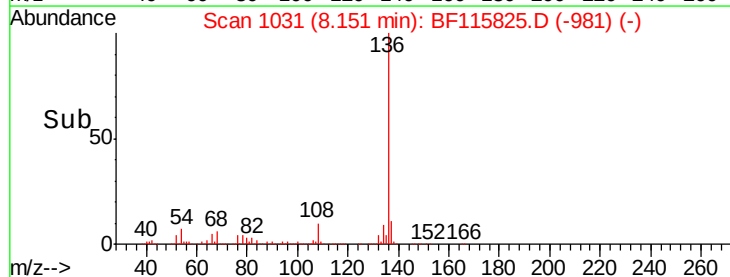
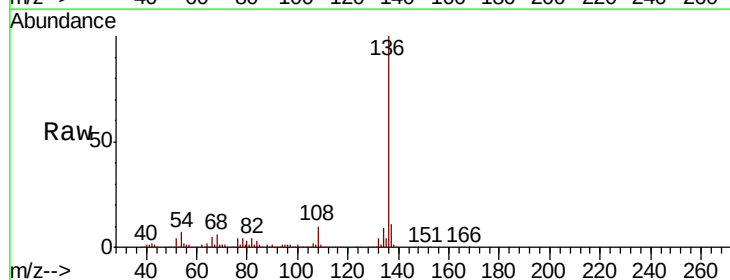
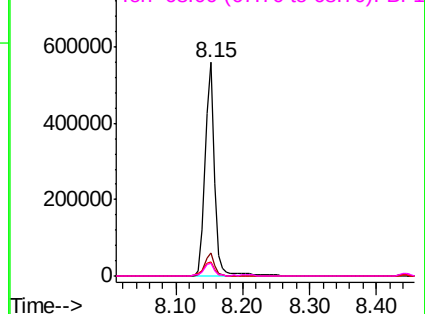
136 100

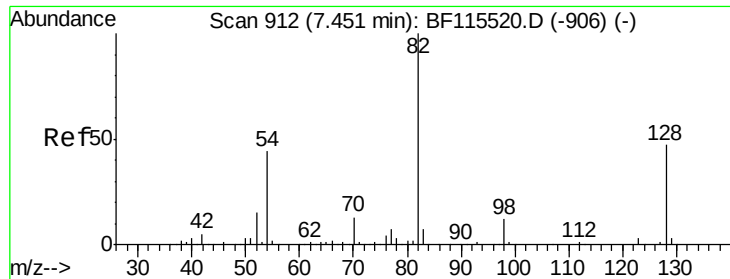
137 11.1 8.7 13.1

54 6.8 5.0 7.6

68 6.1 4.7 7.1

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





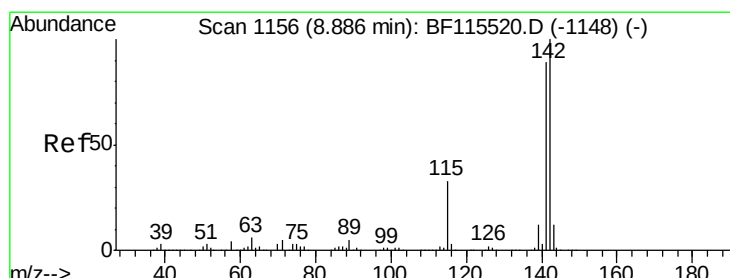
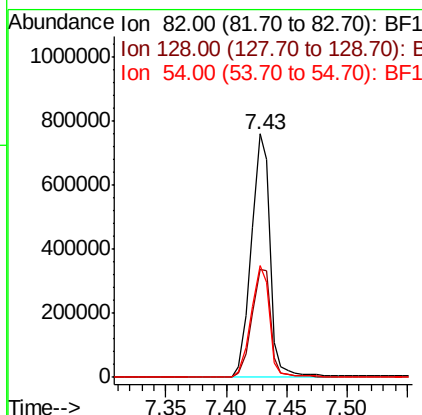
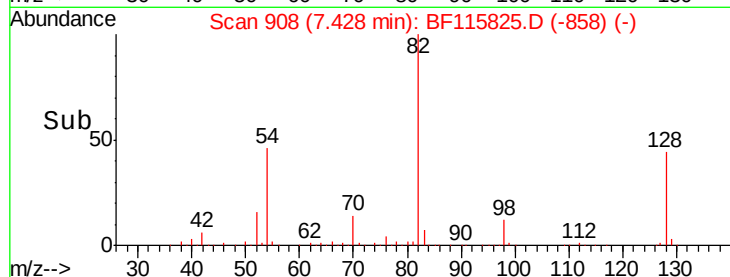
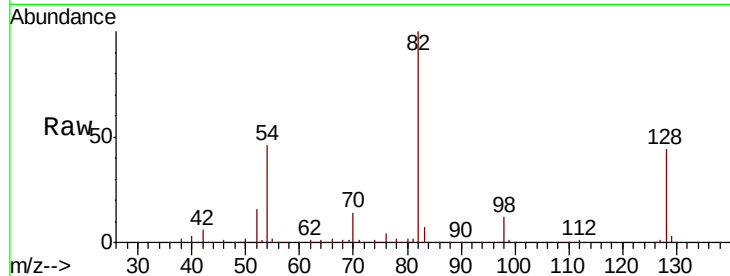
#23
 Nitrobenzene-d5
 Concen: 90.066 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIPE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.6	55.0
54	45.9	36.6	54.8

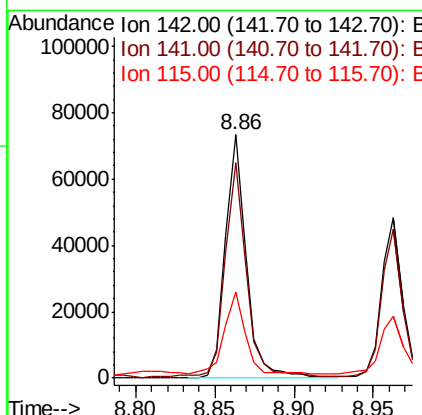
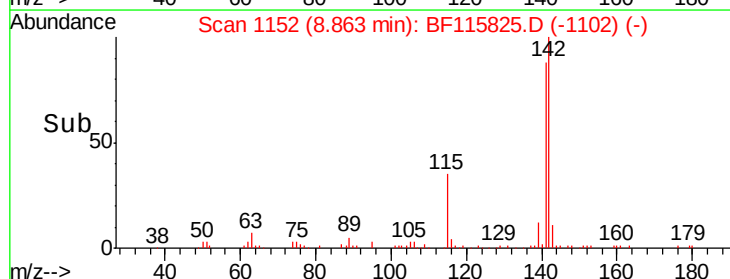
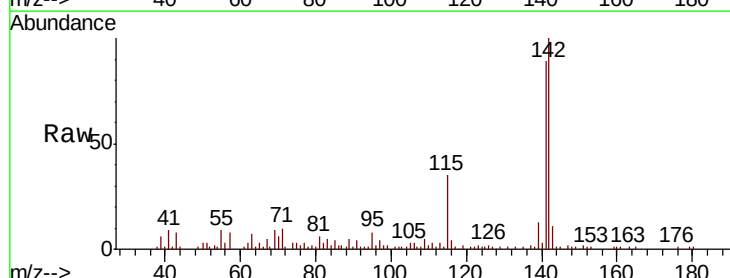
Manual Integrations
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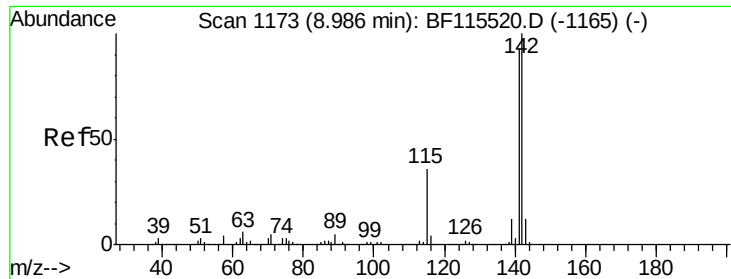
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#37
 2-Methylnaphthalene
 Concen: 3.931 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.4
115	35.1	27.7	41.5





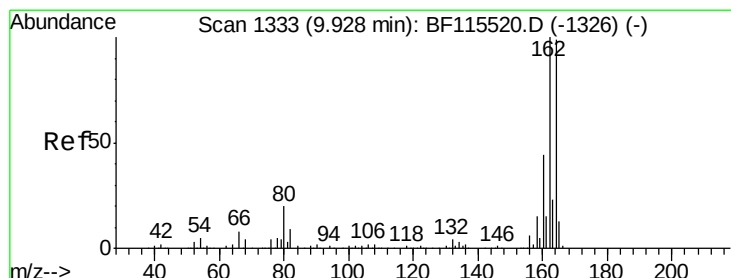
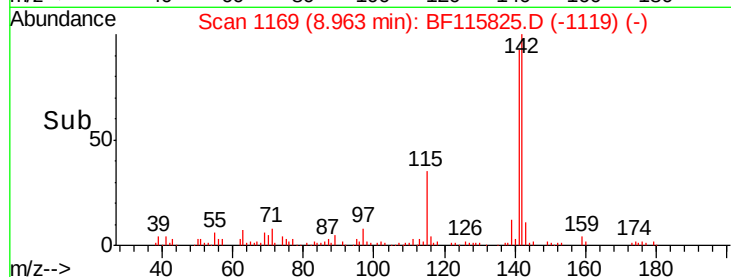
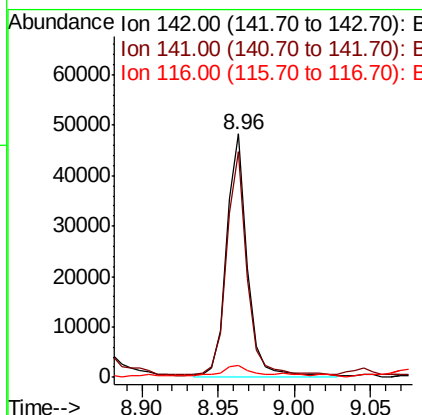
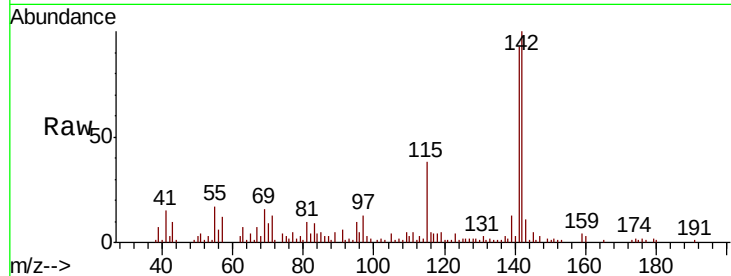
#38
 1-Methylnaphthalene
 Concen: 2.824 ng m
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIPE

Tot Ion:	142	Resp:	46409
Ion Ratio	Lower	Upper	
142	100		
141	92.7	73.9	110.9
116	4.8	3.0	4.6#

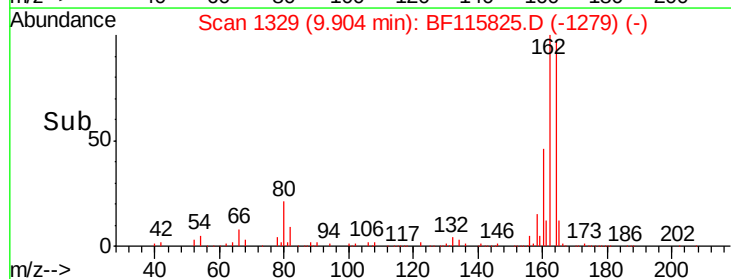
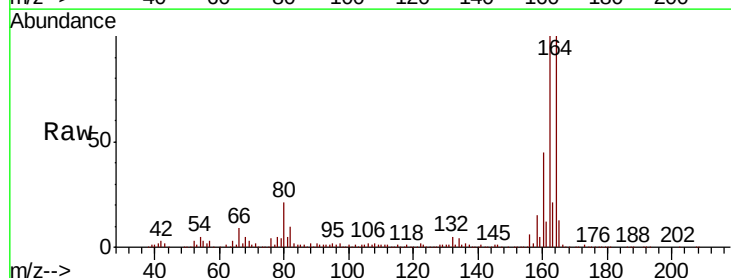
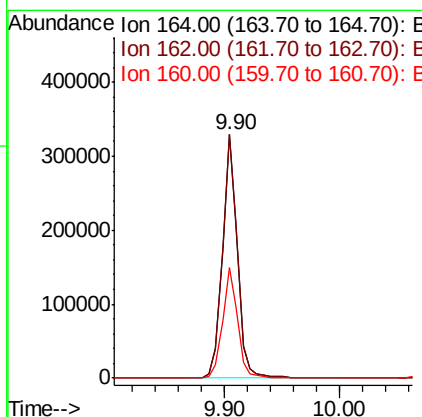
Manual Integrations
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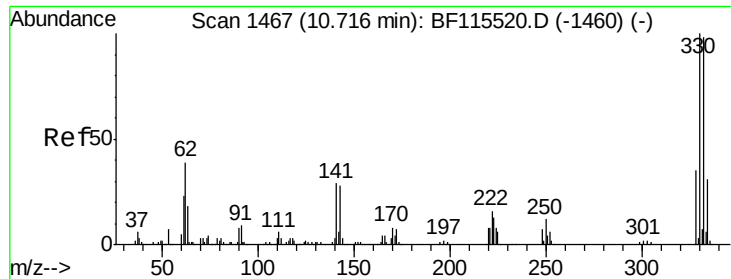
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Tgt Ion:	164	Resp:	296371
Ion Ratio	Lower	Upper	
164	100		
162	99.8	81.8	122.6
160	45.4	37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 81.605 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Instrument :

BNA_F

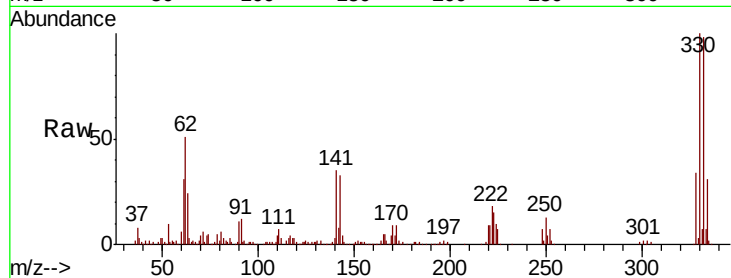
ClientSampleId :

CONCRETE-PIPE

Tot Ion:	330	Resp:	282300
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.1	114.1
141	33.4	25.9	38.9

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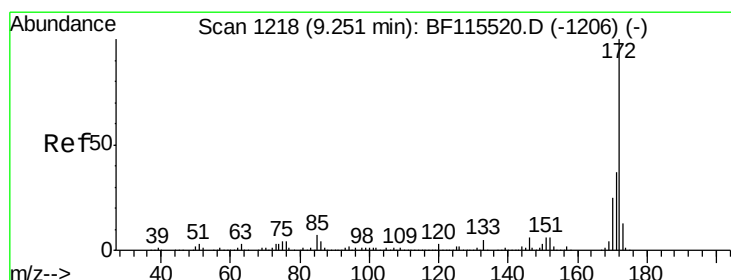
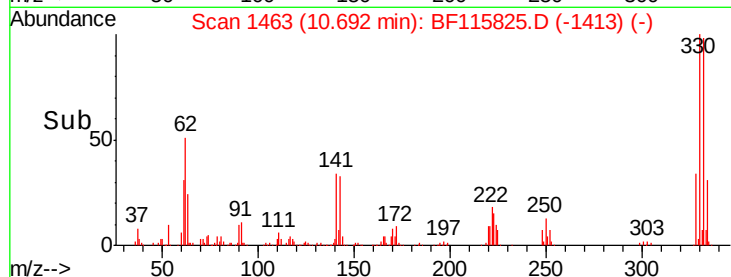
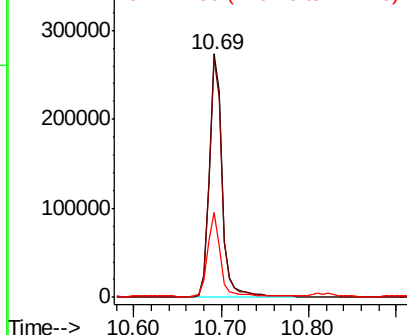


Abundance

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: 89.658 ng

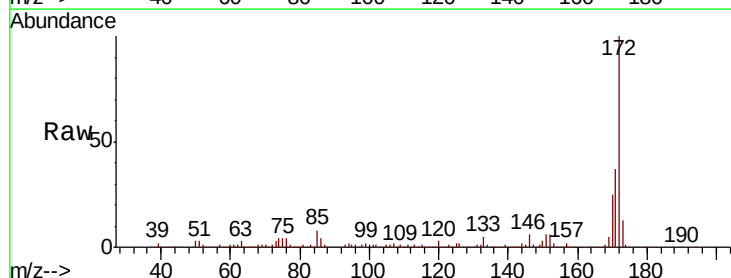
RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Tgt Ion:	172	Resp:	1518162
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.0	43.4
170	25.0	20.1	30.1

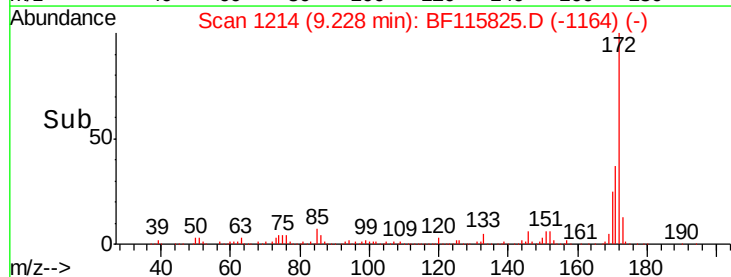
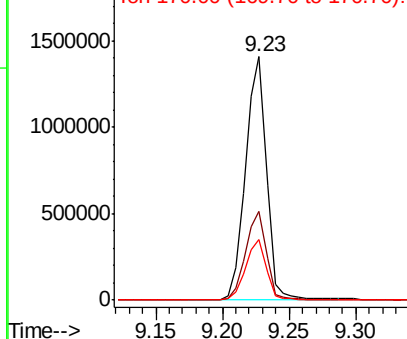


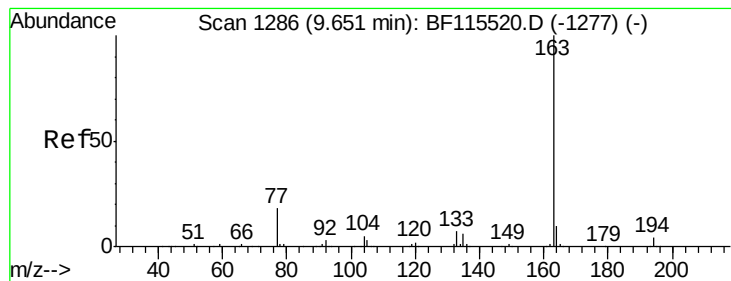
Abundance

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





#50

Dimethylphthalate

Concen: 8.304 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Instrument :

BNA_F

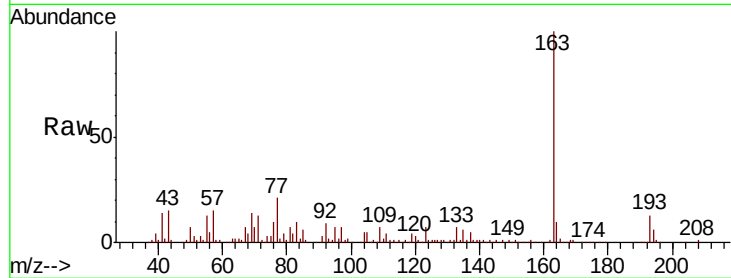
ClientSampleId :

CONCRETE-PIPE

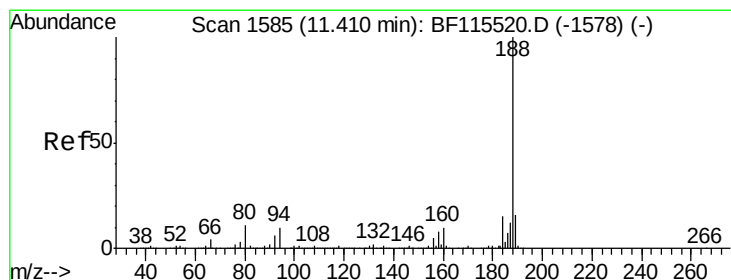
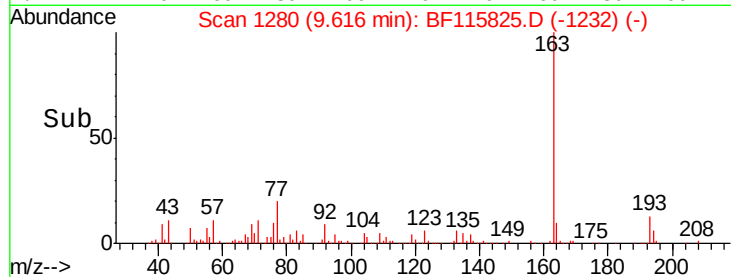
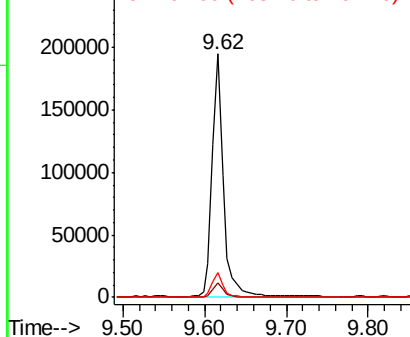
Tot Ion	Ratio	Resp	Lower	Upper
163	100	185155		
194	5.9	3.2	4.8#	
164	10.1	8.3	12.5	

Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

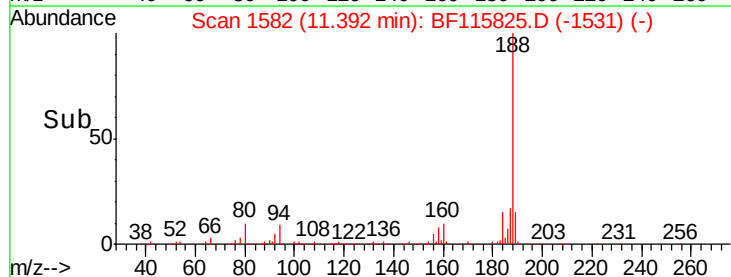
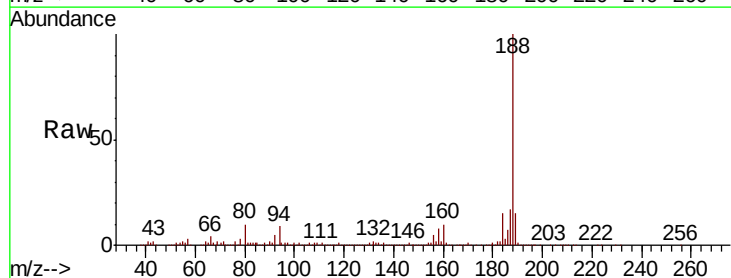
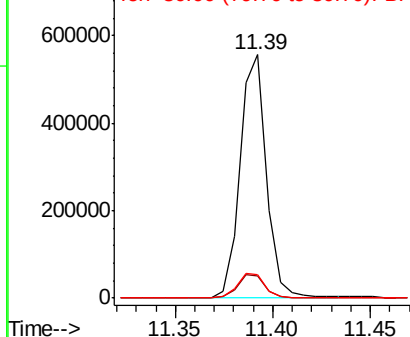
Delta R.T. 0.00 min

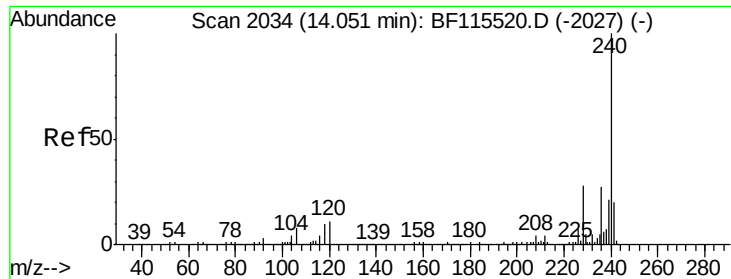
Lab File: BF115825.D

Acq: 27 Jul 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	520256		
94	9.2	8.2	12.2	
80	9.8	9.0	13.6	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





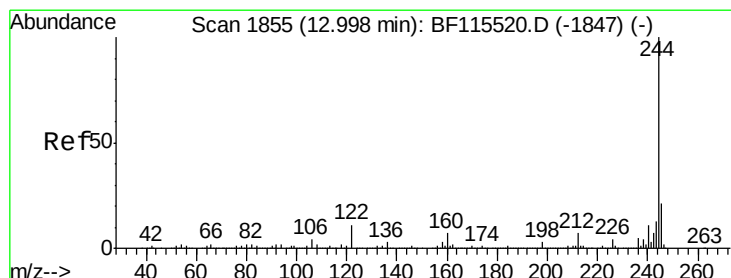
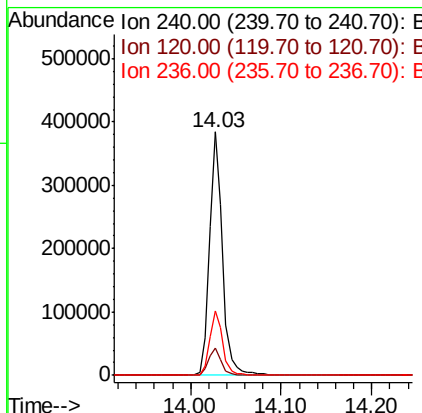
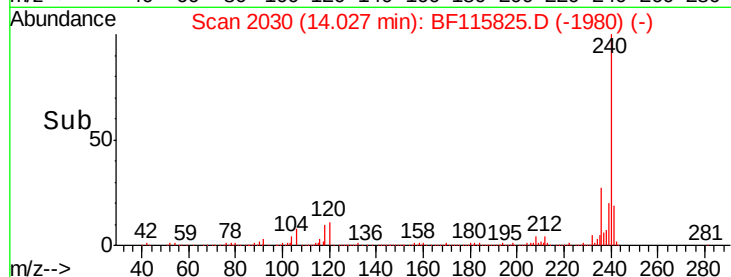
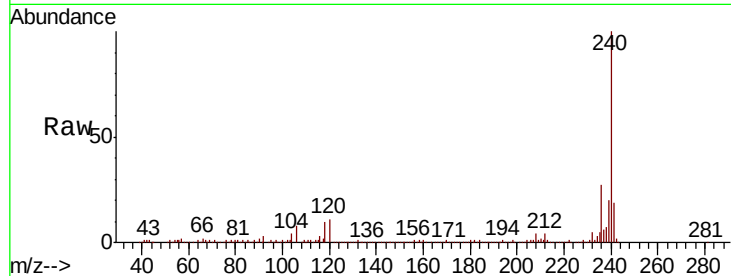
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIPE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.0	15.0
236	26.6	21.8	32.6

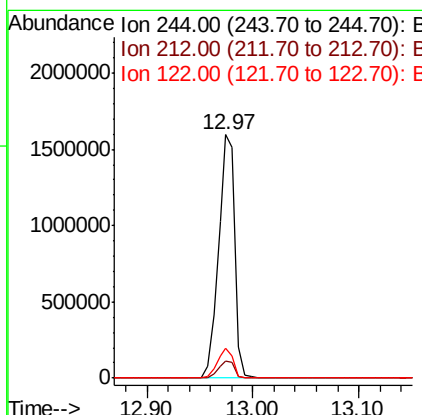
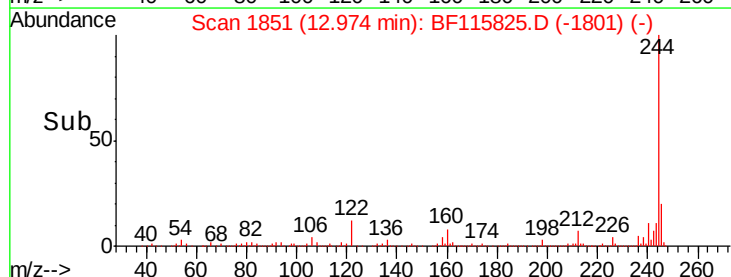
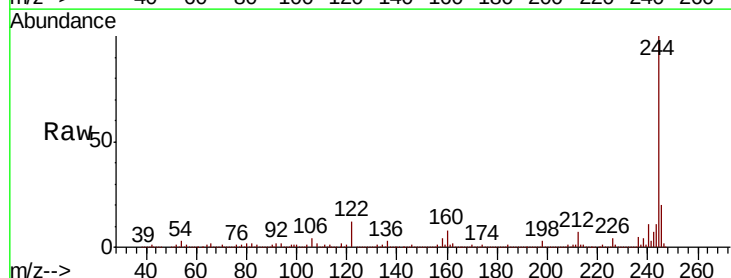
Manual Integrations
 APPROVED

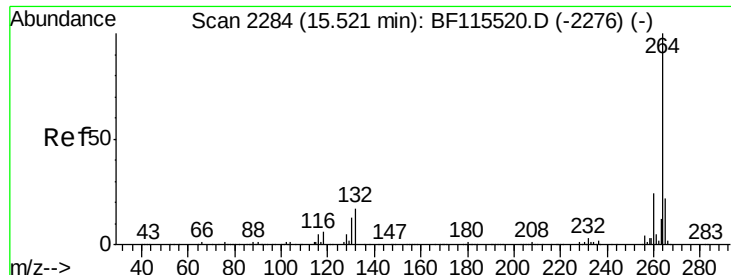
mohammad
 7/29/2019 5:29:47 PM



#79
 Terphenyl-d14
 Concen: 81.721 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115825.D
 Acq: 27 Jul 2019 12:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	12.2	8.2	12.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF115825.D
Acq: 27 Jul 2019 12:42

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIPE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.3	17.5	26.3

Manual Integrations
APPROVED

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