

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110868.D
 Acq On : 19 Nov 2018 22:57
 Operator : JU/SJ
 Sample : J5515-01DL2 20X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-1ADL2

Manual Integrations
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Sohil
 11/20/2018 2:00:47 PM

Quant Time: Nov 20 11:05:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58136	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	225415	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	94444	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	147033	20.00	ng	0.00
76) Chrysene-d12	14.13	240	138914	20.00	ng	0.00
87) Perylene-d12	15.67	264	88298	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	12495	3.49	ng	0.02
7) Phenol-d6	6.58	99	17973	3.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	6533	1.67	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	2817	2.96	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	22074	3.34	ng	0.00
79) Terphenyl-d14	13.06	244	19977	2.69	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.95	142	345832m	49.853	ng	Qvalue # 68 97
38) 1-Methylnaphthalene	9.05	142	293520m	43.997	ng	
58) Fluorene	10.55	166	54182	8.346	ng	
71) Phenanthrene	11.51	178	149206	18.941	ng	

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

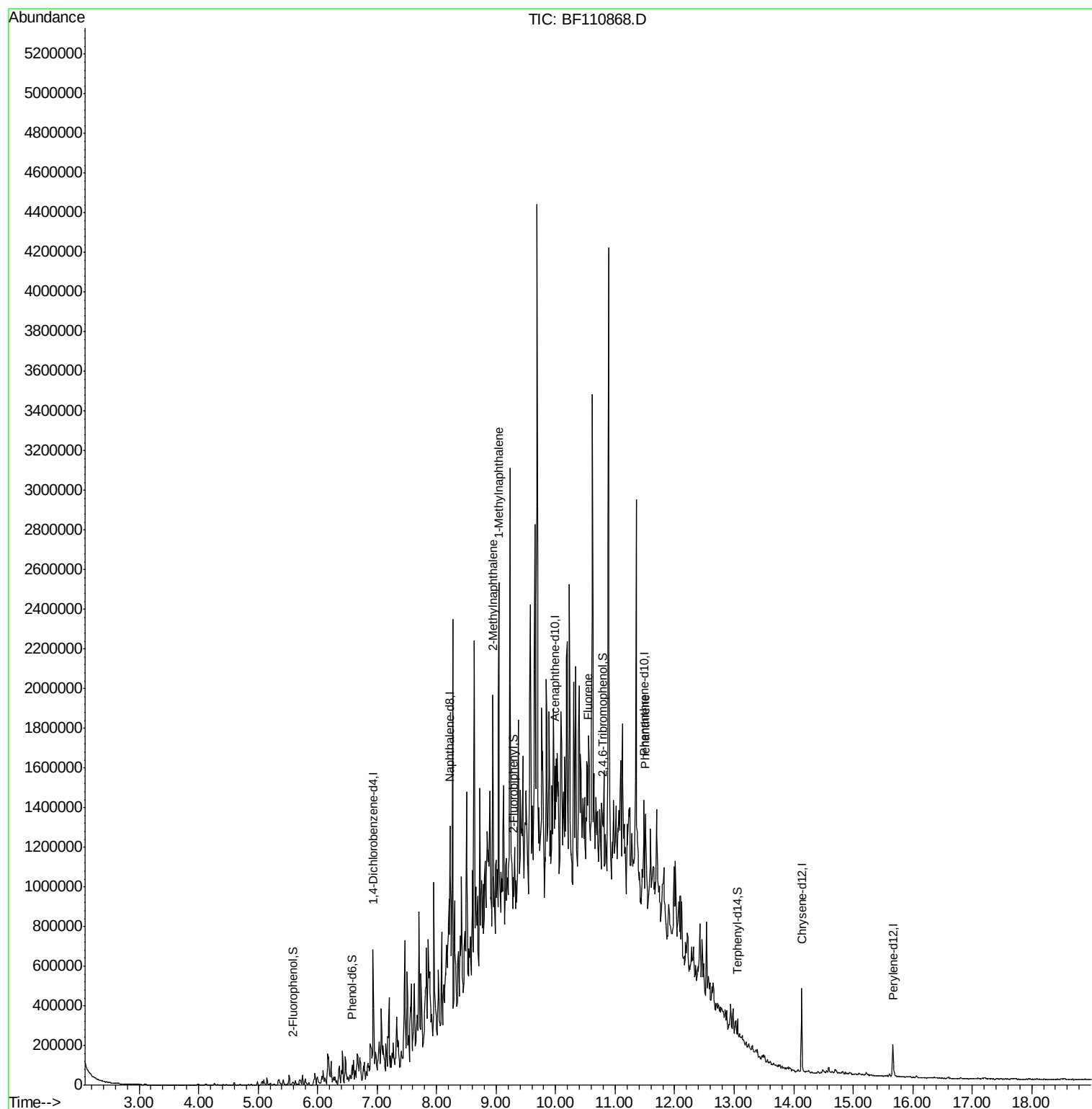
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110868.D
Acq On : 19 Nov 2018 22:57
Operator : JU/SJ
Sample : J5515-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

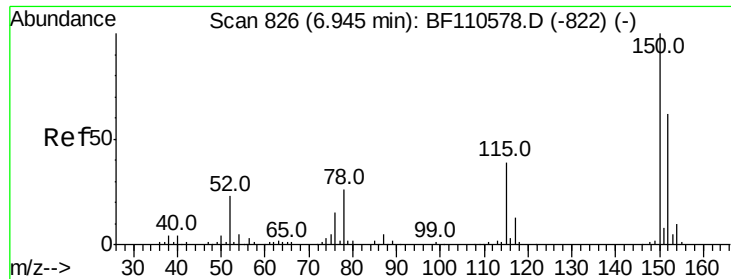
Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

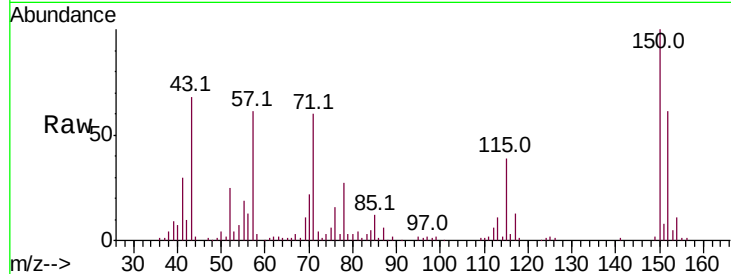
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.6	122.7	184.1
115	64.5	49.1	73.7

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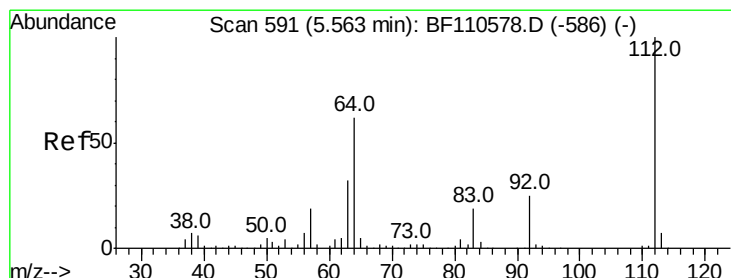
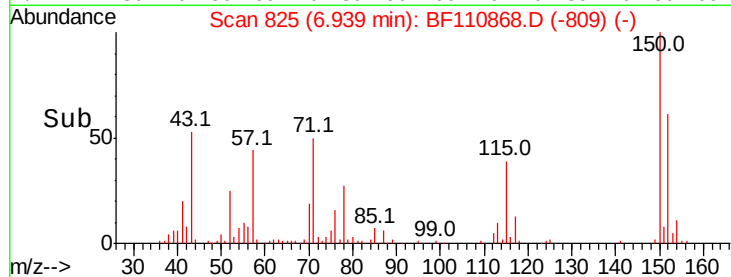
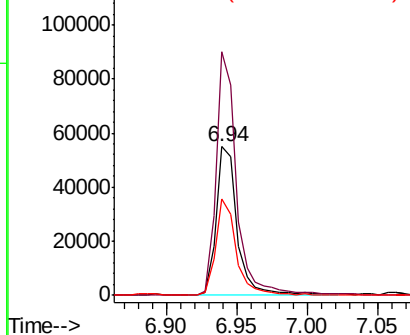


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

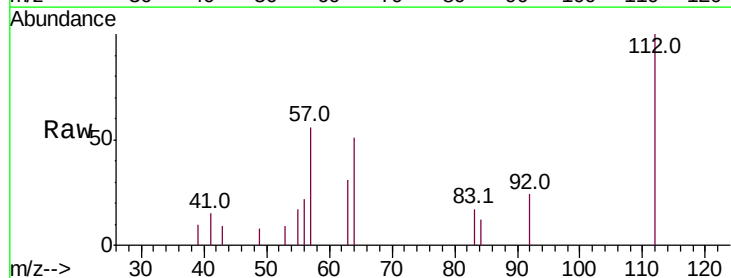
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 3.491 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.02 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	44.1	66.1
63	31.1	23.7	35.5

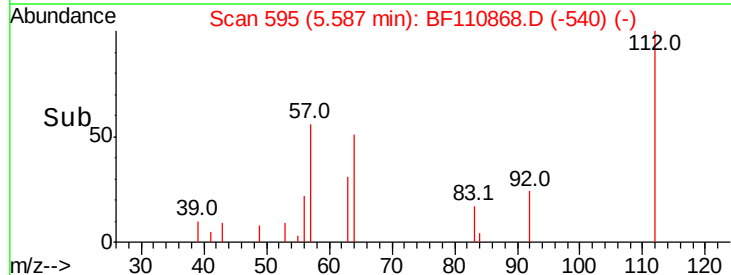
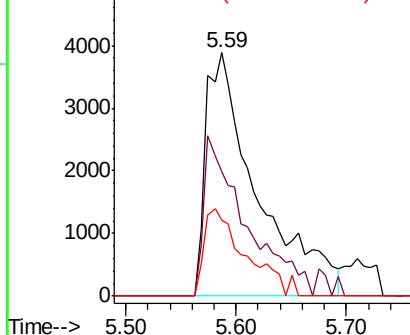


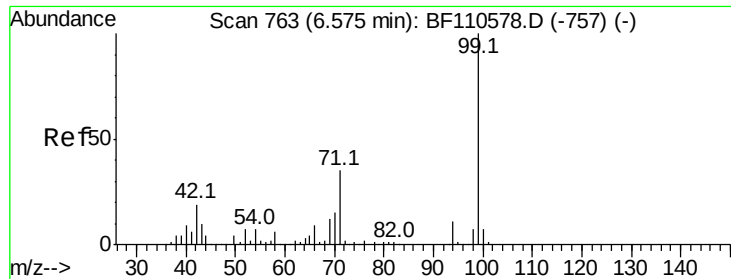
Abundance

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: 3.927 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Instrument :

BNA_F

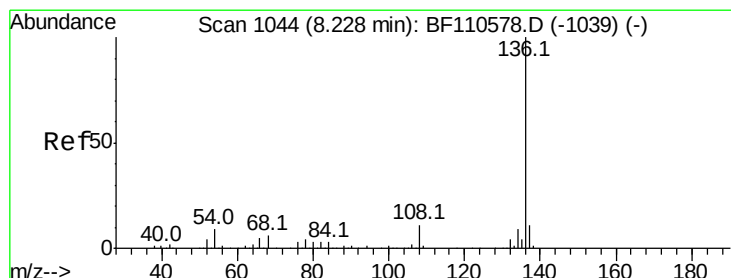
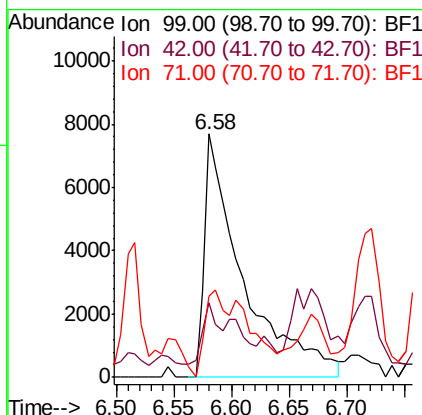
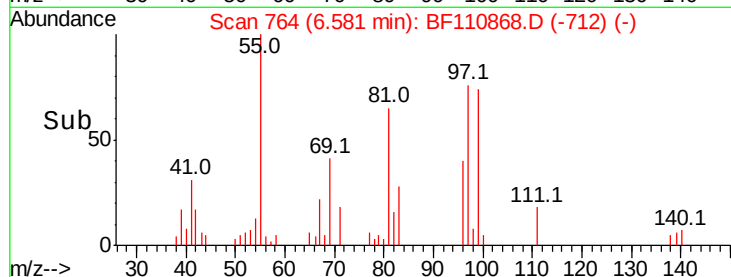
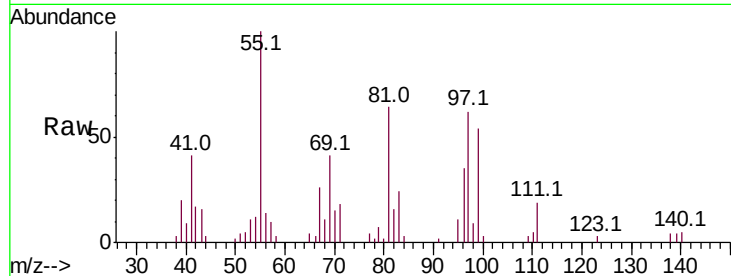
ClientSampleId :

NON-UST-1ADL2

Tot Ion:	99	Resp:	17973
Ion Ratio	Lower	Upper	
99	100		
42	30.8	15.8	23.6#
71	33.1	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

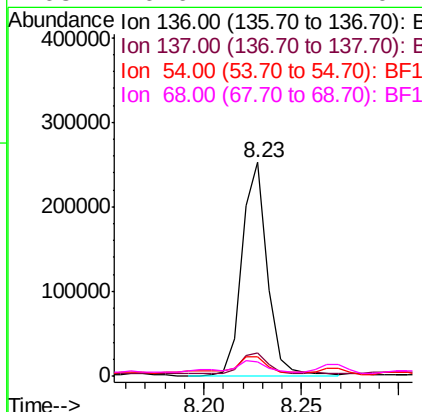
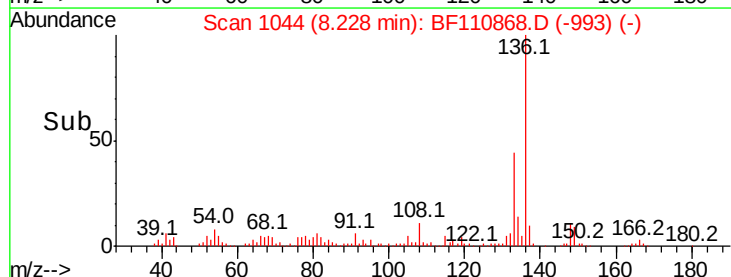
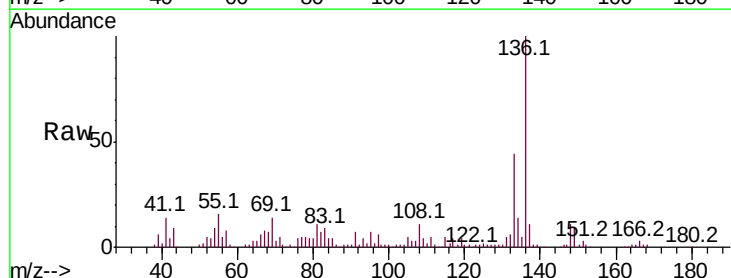
RT: 8.23 min Scan# 1044

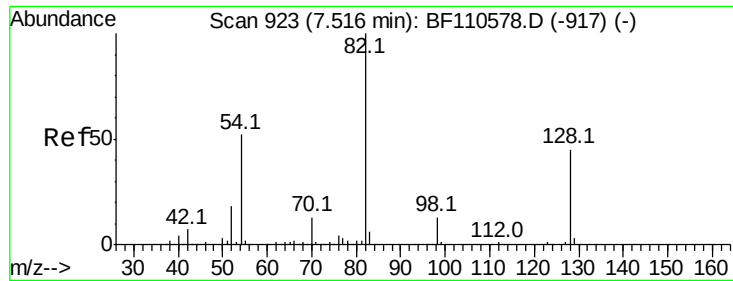
Delta R.T. 0.00 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Tgt Ion:	136	Resp:	225415
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.1	5.4	8.2#
68	6.6	4.2	6.2#





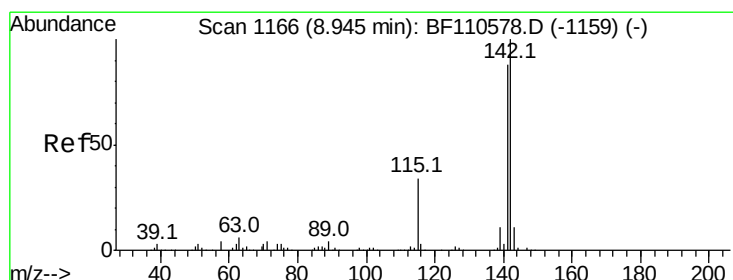
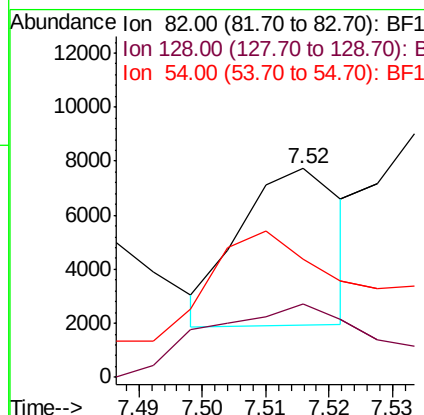
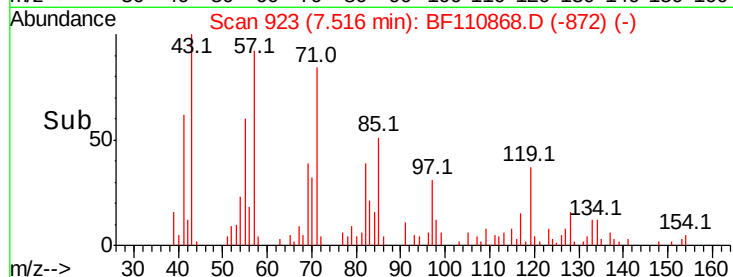
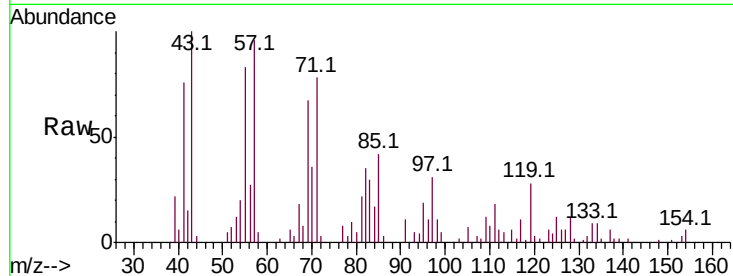
#23
Nitrobenzene-d5
Concen: 1.669 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	34.2	51.2
54	56.3	38.6	58.0

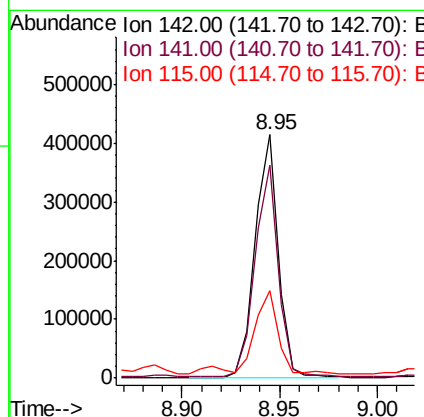
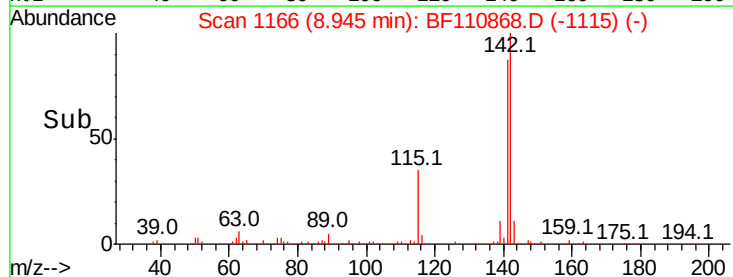
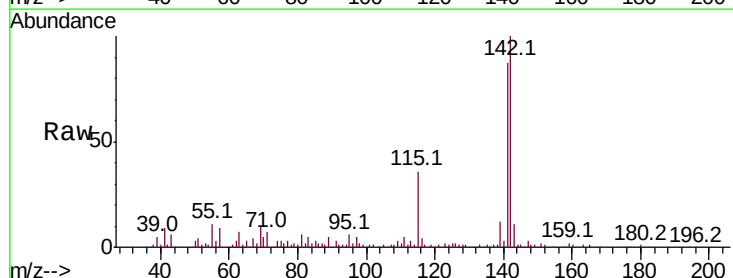
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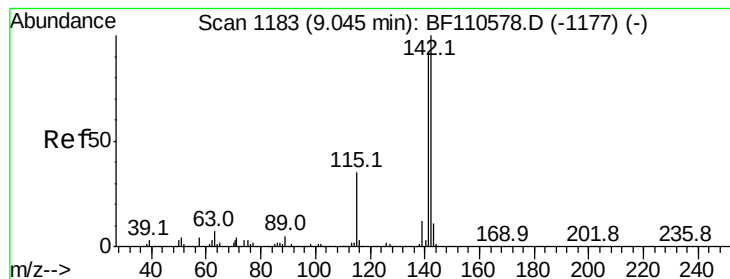
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#37
2-Methylnaphthalene
Concen: 49.853 ng m
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.4	107.2
115	35.7	28.7	43.1





#38

1-Methylnaphthalene

Concen: 43.997 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Instrument :

BNA_F

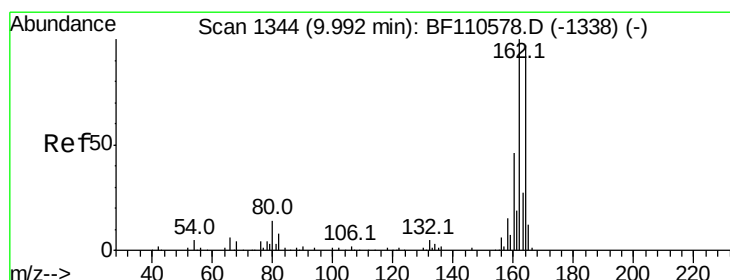
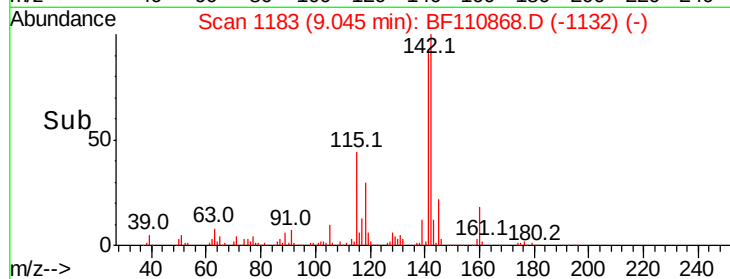
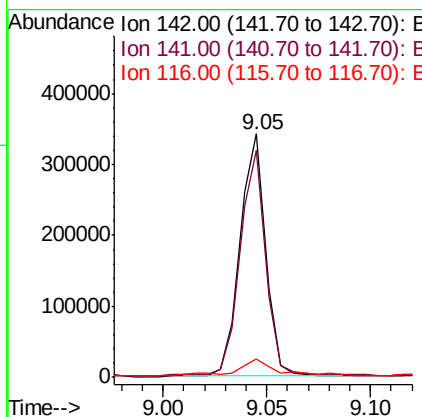
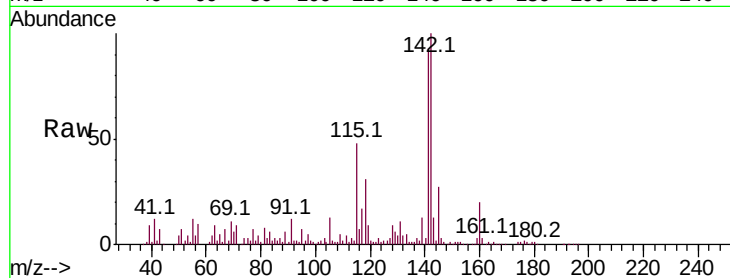
ClientSampleId :

NON-UST-1ADL2

Tot Ion:	142	Resp:	293520
Ion Ratio	Lower	Upper	
142	100		
141	93.3	74.2	111.4
116	7.3	2.6	4.0#

Manual Integrations
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#39

Acenaphthene-d10

Concen: 20.000 ng

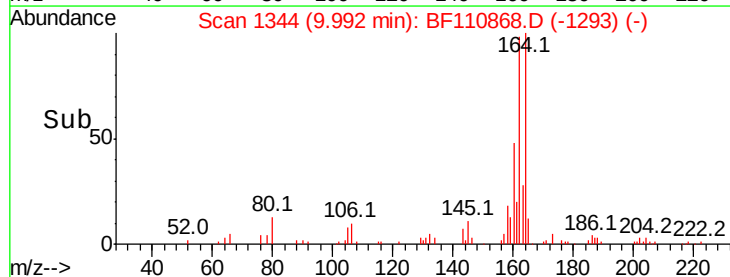
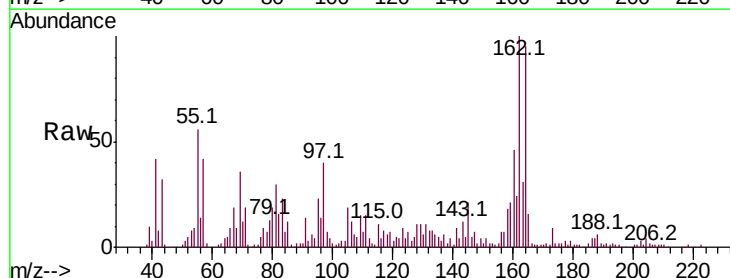
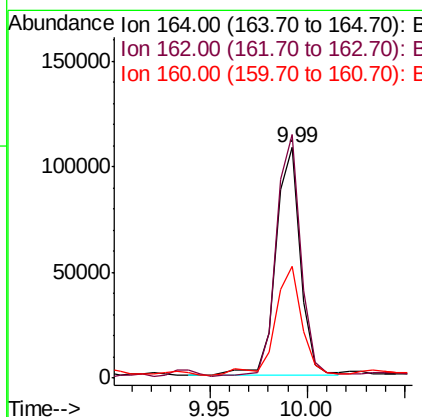
RT: 9.99 min Scan# 1344

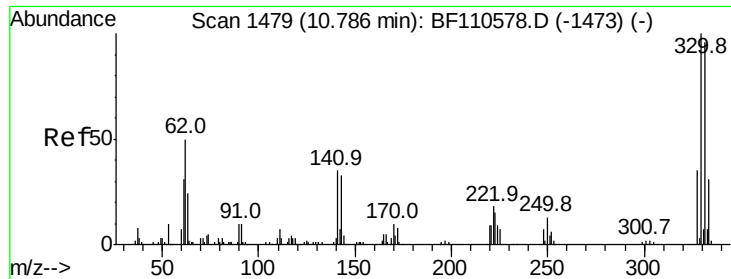
Delta R.T. 0.00 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Tgt Ion:	164	Resp:	94444
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.0	124.6
160	48.4	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 2.960 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Instrument :

BNA_F

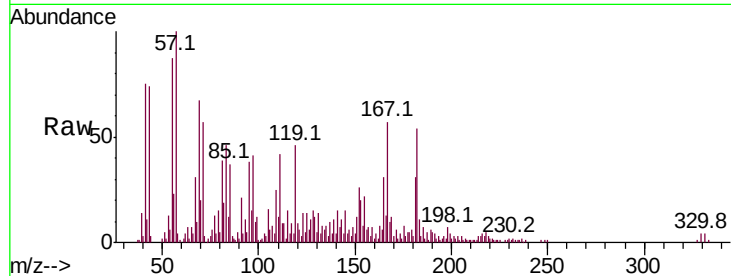
ClientSampleId :

NON-UST-1ADL2

Tot Ion	Ratio	Lower	Upper
330	100		
332	85.9	77.1	115.7
141	269.8	27.0	40.4#

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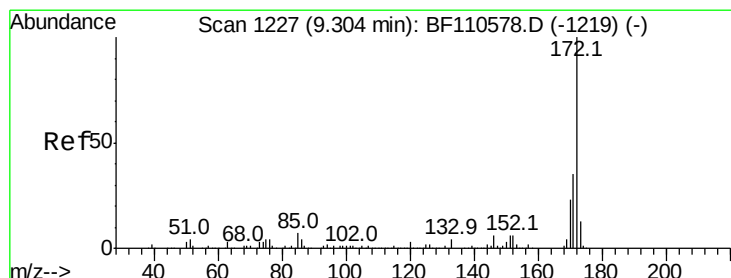
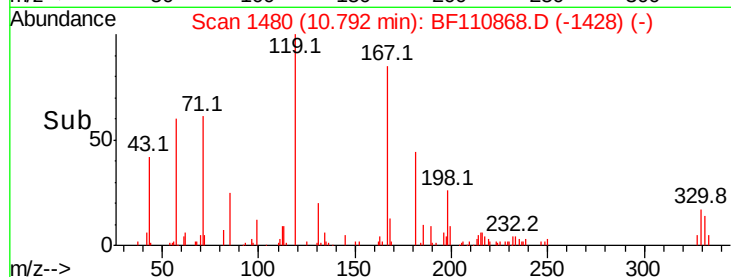
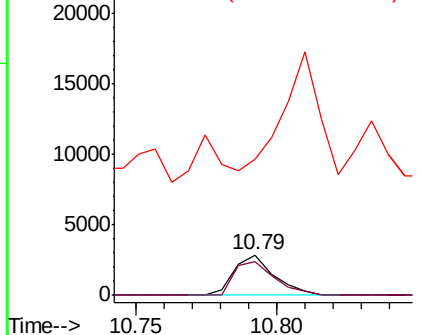


Abundance

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: 3.338 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

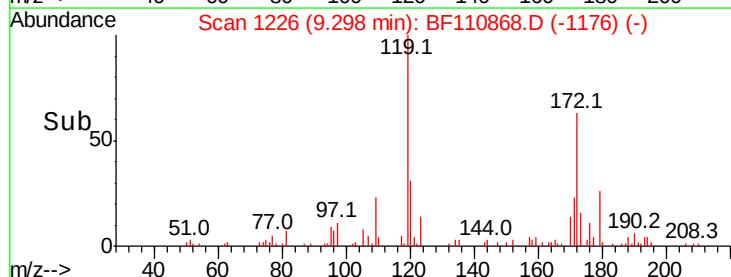
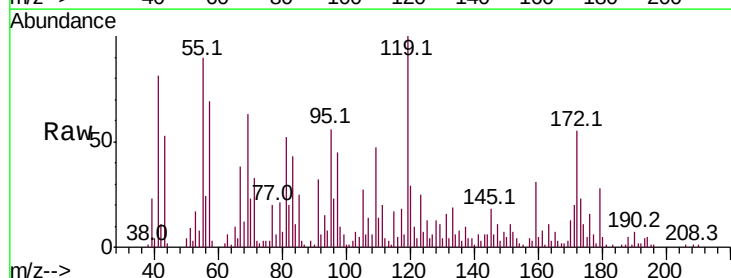
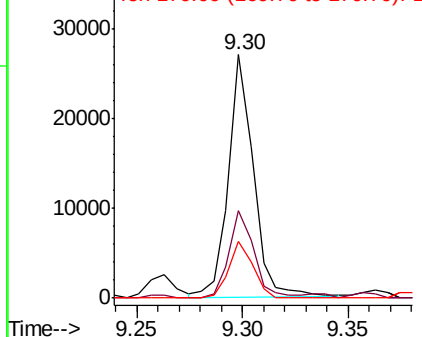
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	19.7	29.5

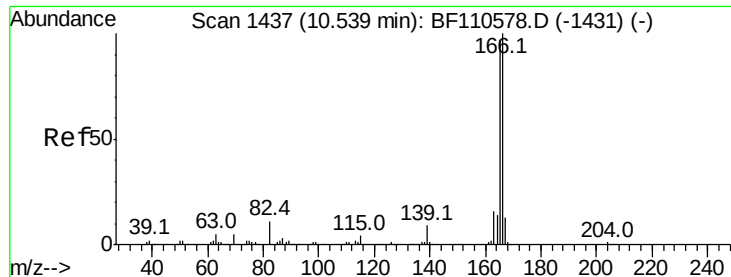
Abundance

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





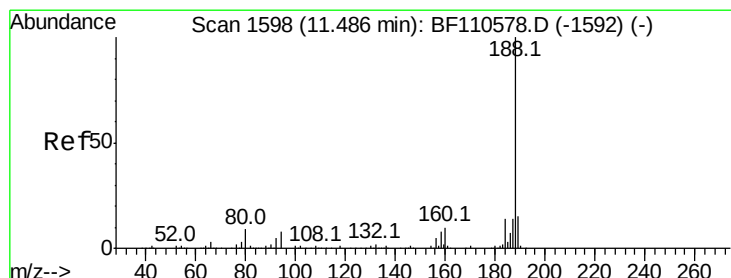
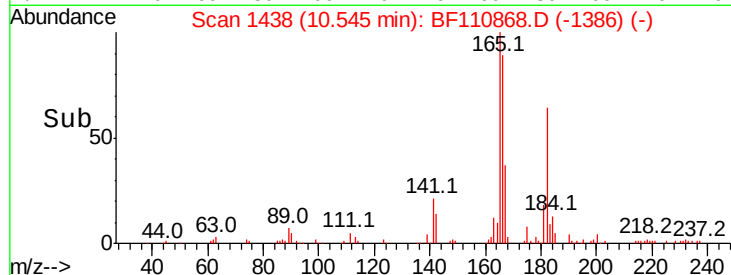
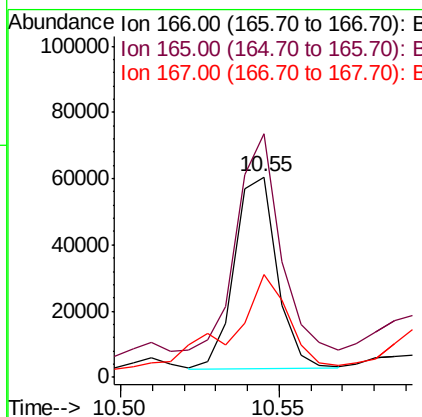
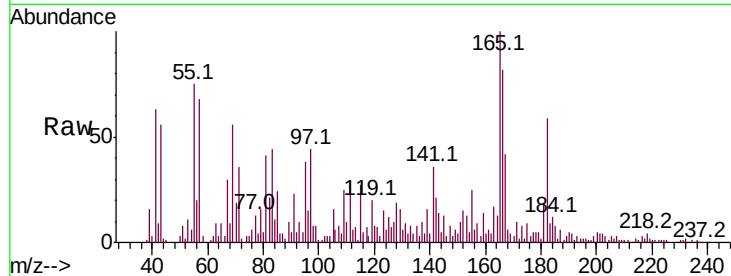
#58
 Fluorene
 Concen: 8.346 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF110868.D
 Acq: 19 Nov 2018 22:57

Instrument :
 BNA_F
 ClientSampleID :
 NON-UST-1ADL2

Tot Ion	Ratio	Lower	Upper
166	100		
165	121.6	78.6	117.8#
167	51.0	10.8	16.2#

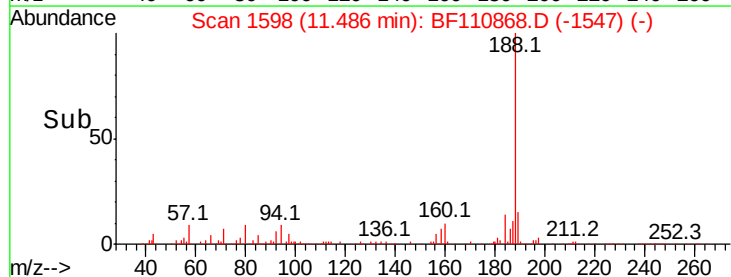
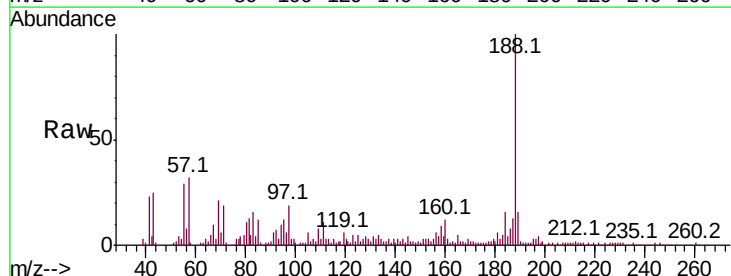
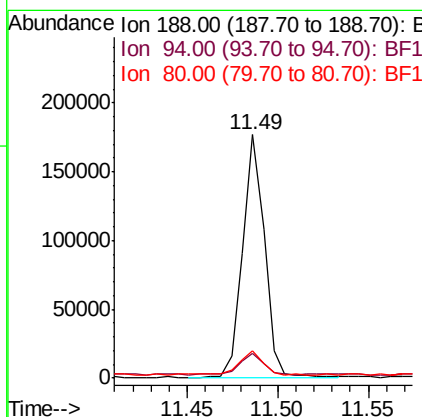
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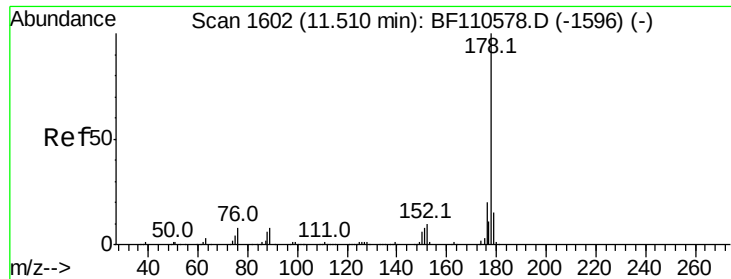
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF110868.D
 Acq: 19 Nov 2018 22:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	11.1	7.9	11.9





#71

Phenanthrene

Concen: 18.941 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Instrument :

BNA_F

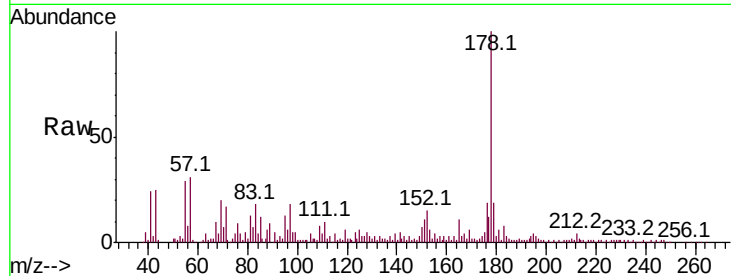
ClientSampleId :

NON-UST-1ADL2

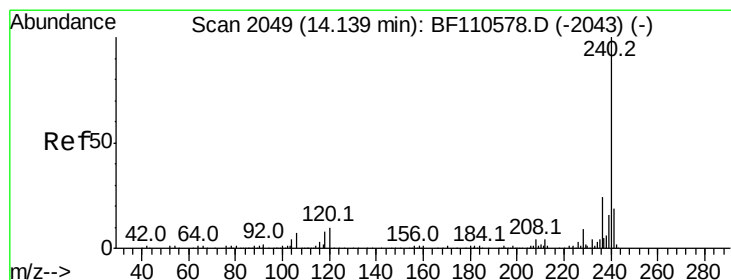
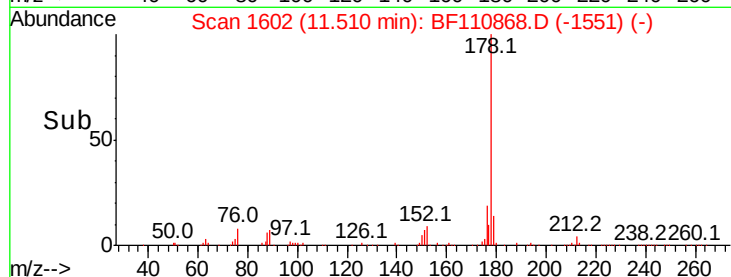
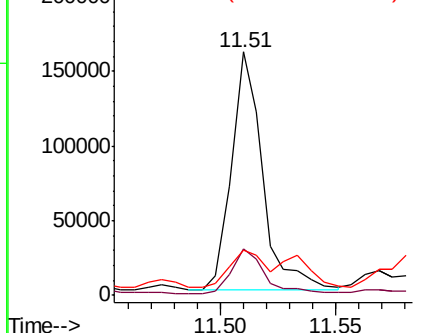
Tot Ion:178	Resp:	149206
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.5 23.3
179	18.6	12.5 18.7

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

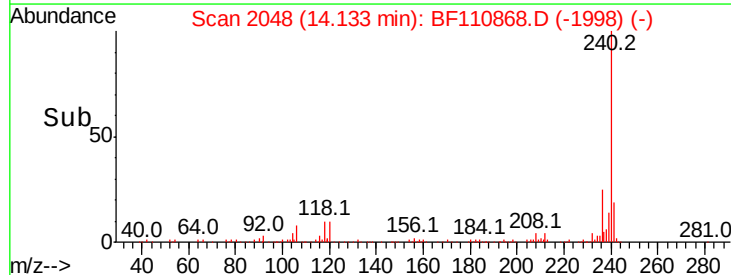
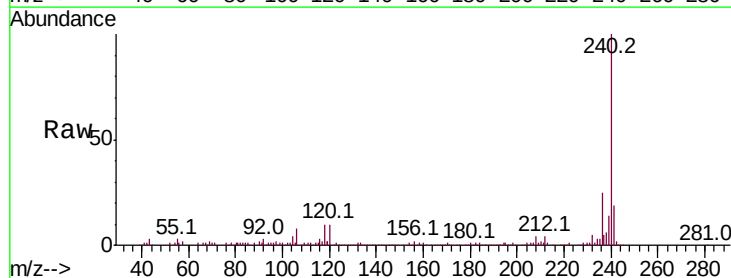
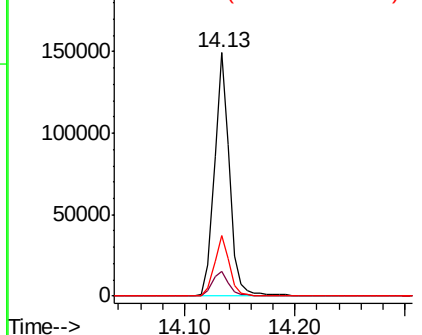
Delta R.T. -0.01 min

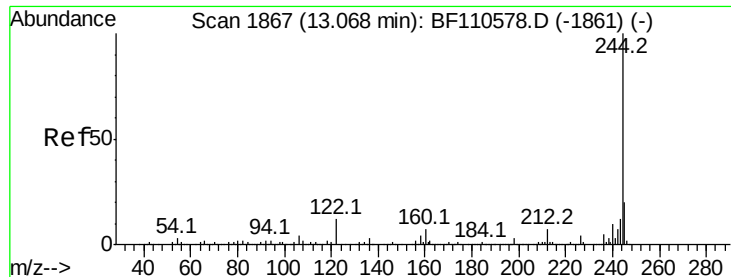
Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Tgt Ion:240	Resp:	138914
Ion Ratio	Lower	Upper
240	100	
120	10.2	8.3 12.5
236	24.7	21.2 31.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 2.693 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Instrument :

BNA_F

ClientSampleId :

NON-UST-1ADL2

Tot Ion:244 Resp: 19977

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

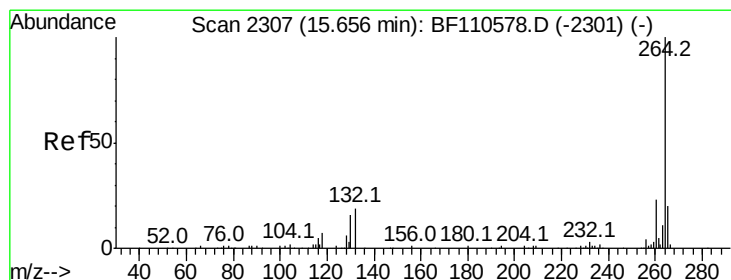
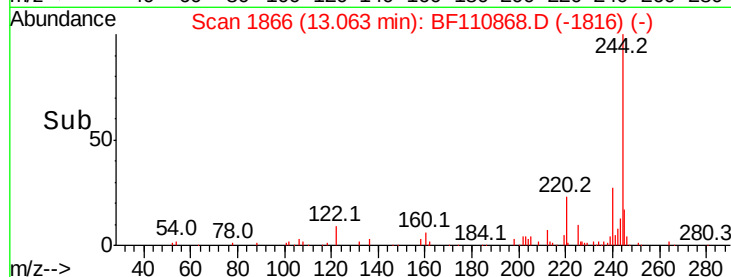
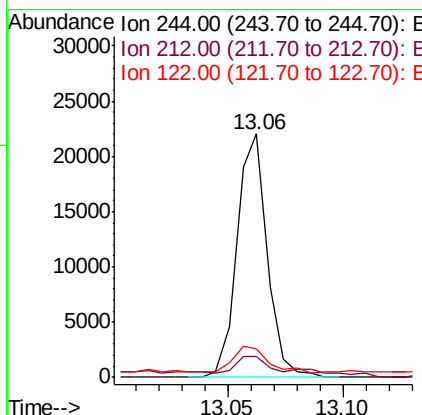
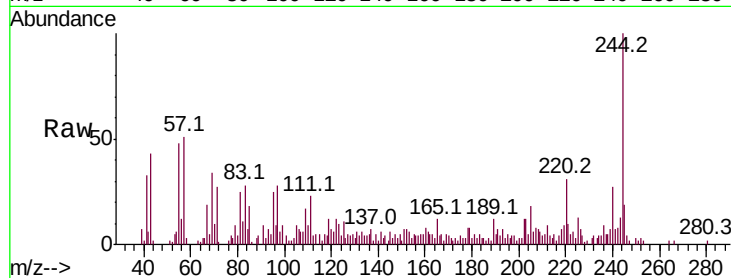
122 11.8 8.7 13.1

Manual Integrations

APPROVED

Sohil

11/20/2018 2:00:47 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110868.D

Acq: 19 Nov 2018 22:57

Tgt Ion:264 Resp: 88298

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 20.8 16.7 25.1

