

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110984.D
 Acq On : 27 Nov 2018 00:41
 Operator : JU/SJ
 Sample : J6003-03DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-ADL

Manual Integrations
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mohammad
 11/27/2018 11:48:19 AM

Quant Time: Nov 27 11:15:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 03:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56541	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	199145	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	84067	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	143191	20.00	ng	0.00
76) Chrysene-d12	14.14	240	90120	20.00	ng	0.00
87) Perylene-d12	15.67	264	69516	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	99492	29.18	ng	0.00
7) Phenol-d6	6.57	99	124645	28.05	ng	-0.02
23) Nitrobenzene-d5	7.50	82	57991	16.67	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	20265	24.27	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	122927	21.18	ng	0.00
79) Terphenyl-d14	13.06	244	104364	22.54	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.94	142	457824	74.251	ng	99
38) 1-Methylnaphthalene	9.04	142	300696m	50.137	ng	
58) Fluorene	10.54	166	40718	7.003	ng	# 70
71) Phenanthrene	11.51	178	112915	14.889	ng	97

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

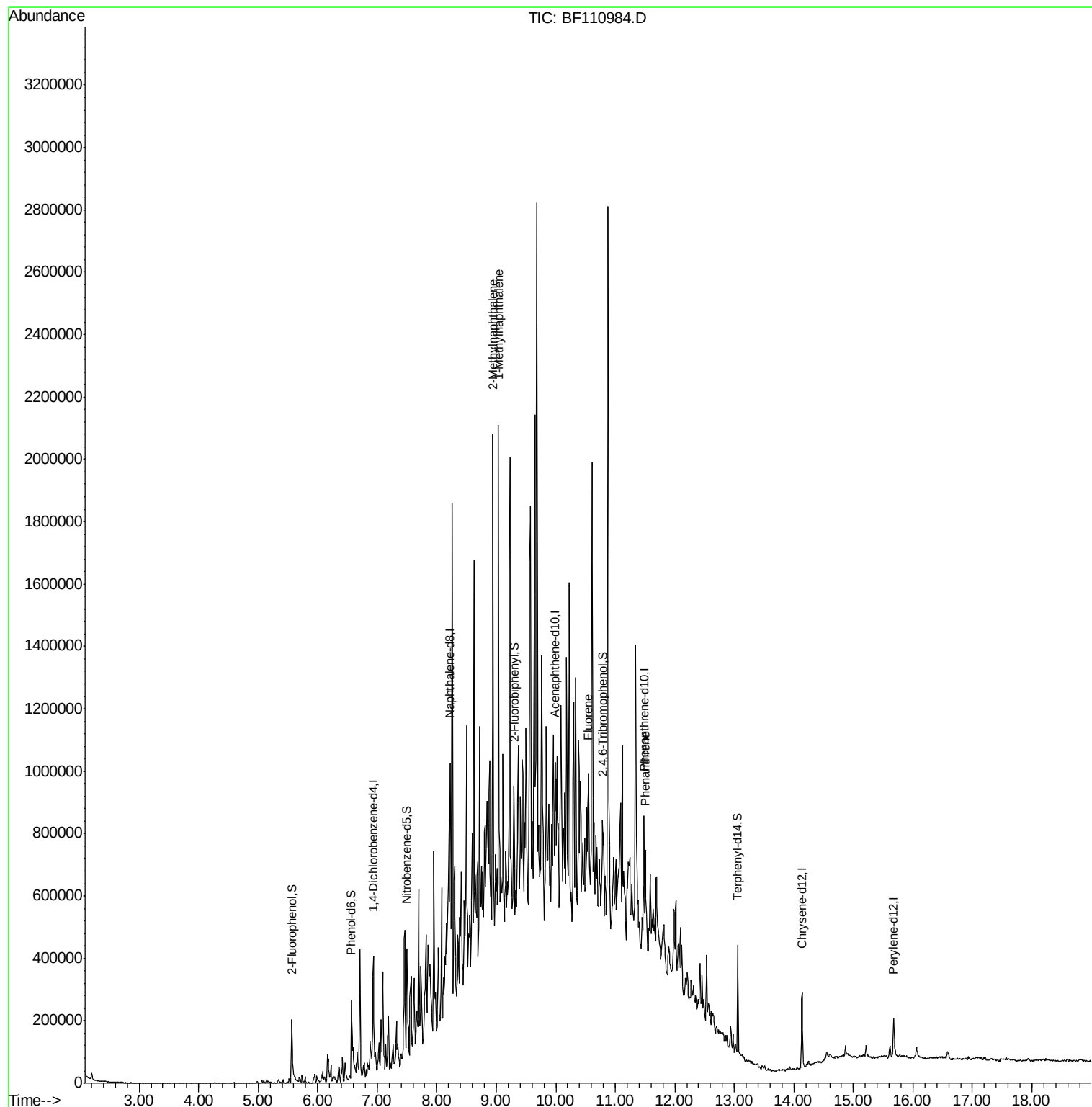
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110984.D
Acq On : 27 Nov 2018 00:41
Operator : JU/SJ
Sample : J6003-03DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

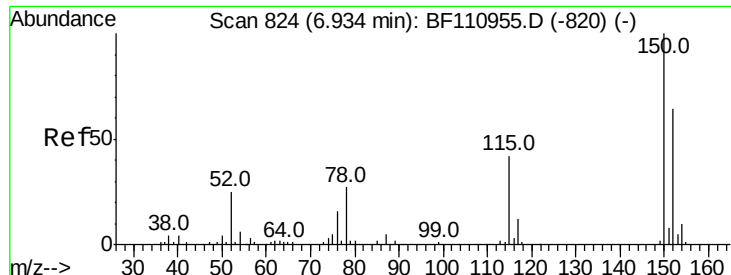
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

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#1

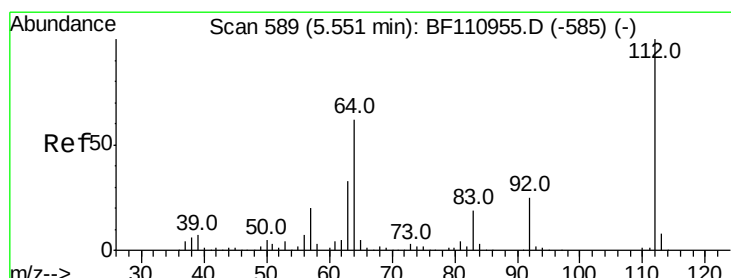
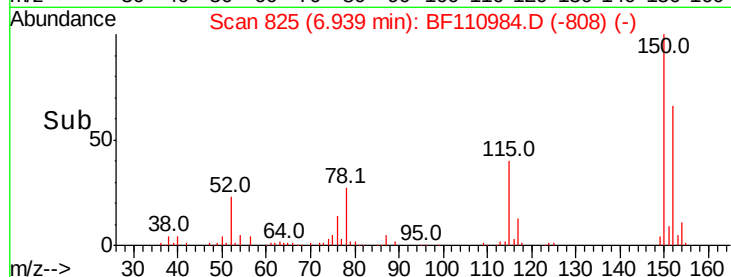
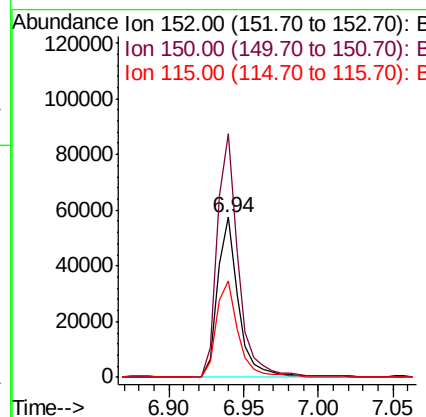
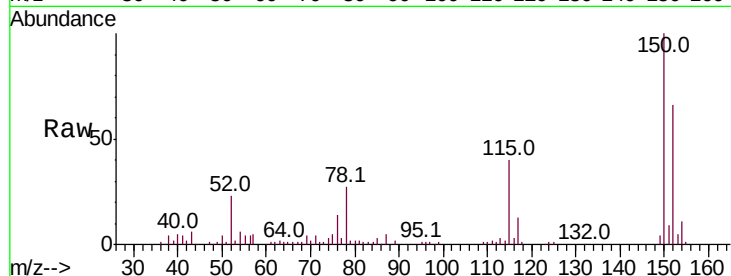
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF110984.D
Acq: 27 Nov 2018 00:41

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	122.7	184.1
115	60.3	49.1	73.7

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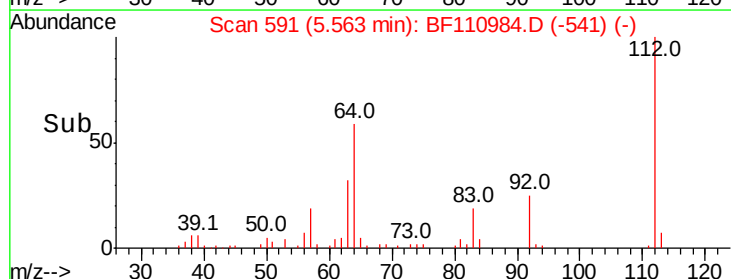
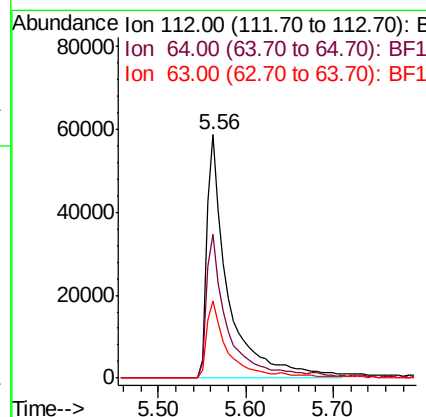
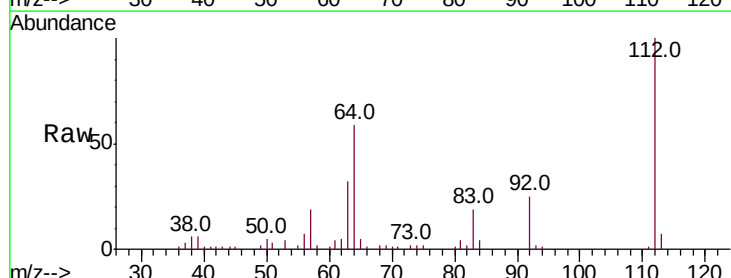
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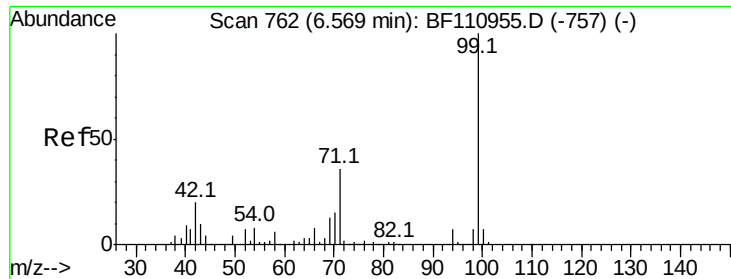


#5

2-Fluorophenol
Concen: 29.180 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF110984.D
Acq: 27 Nov 2018 00:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.8	23.7	35.5





#7

Phenol-d6

Concen: 28.053 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF110984.D

Acq: 27 Nov 2018 00:41

Instrument :

BNA_F

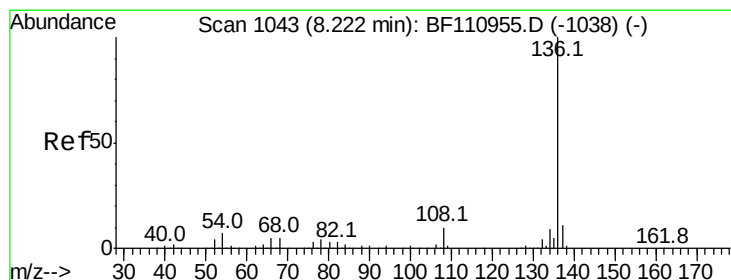
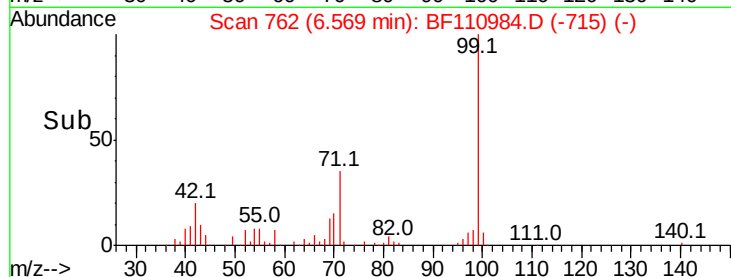
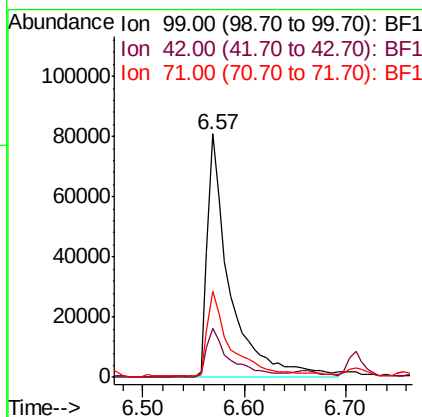
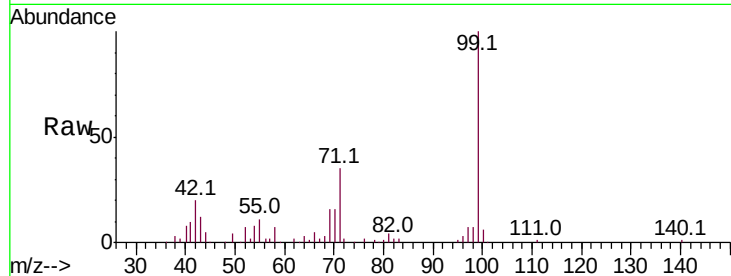
ClientSampleId :

NON-UST-03R-ADL

Tot Ion:	99	Resp:	124645
Ion Ratio	Lower	Upper	
99	100		
42	20.2	15.8	23.6
71	35.4	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

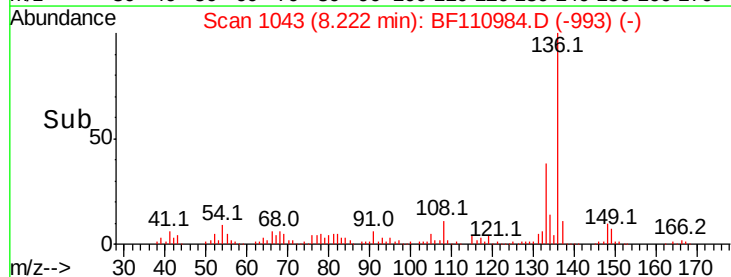
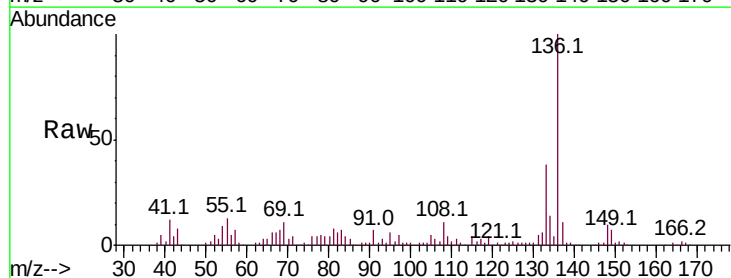
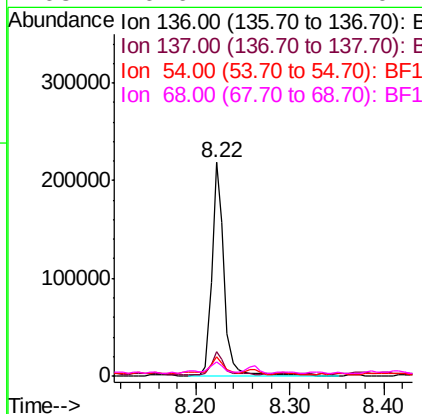
RT: 8.22 min Scan# 1043

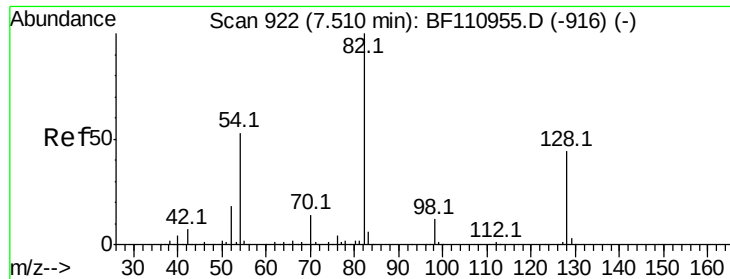
Delta R.T. -0.01 min

Lab File: BF110984.D

Acq: 27 Nov 2018 00:41

Tgt Ion:	136	Resp:	199145
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	9.3	5.4	8.2#
68	6.6	4.2	6.2#





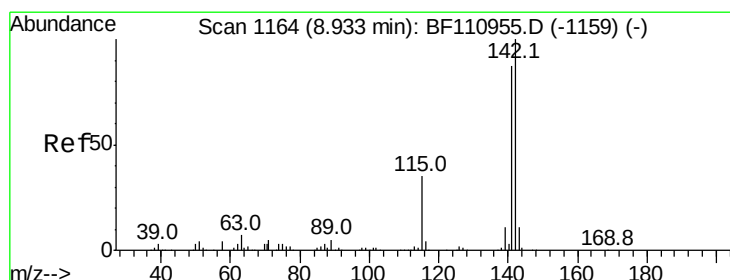
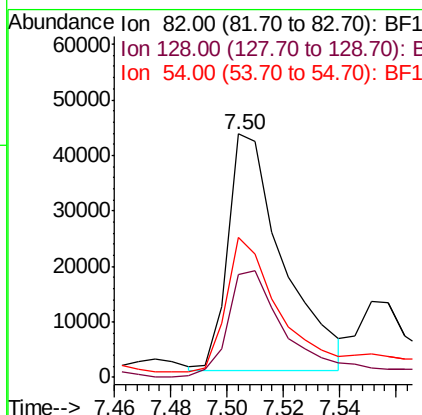
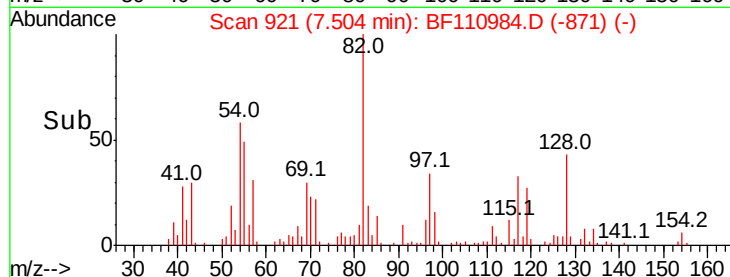
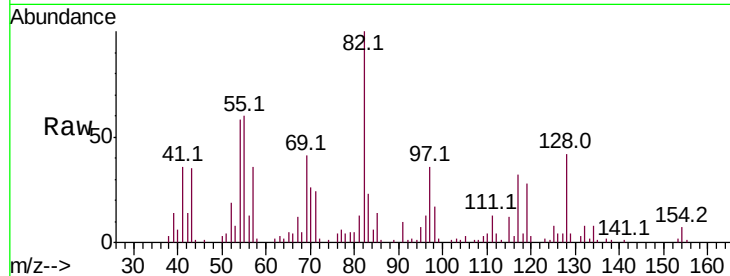
#23
Nitrobenzene-d5
Concen: 16.666 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110984.D
Acq: 27 Nov 2018 00:41

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.2	51.2
54	57.7	38.6	58.0

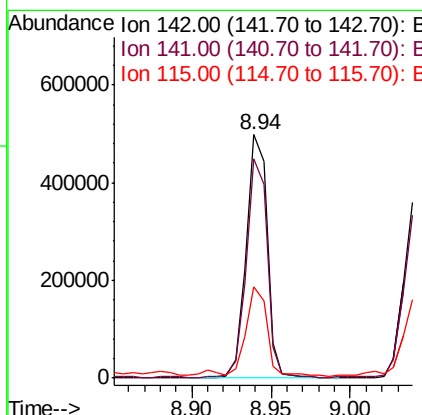
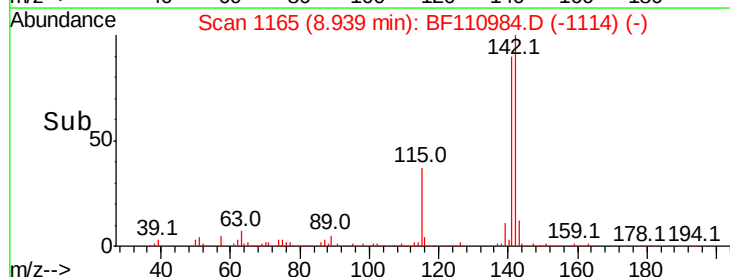
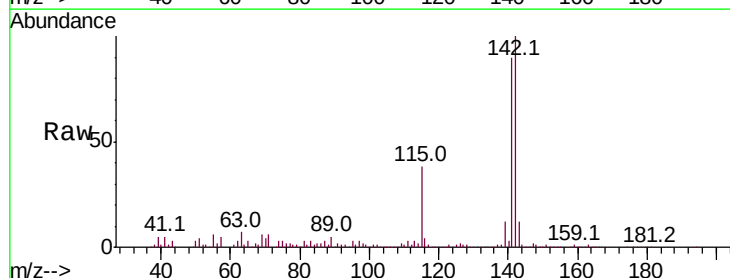
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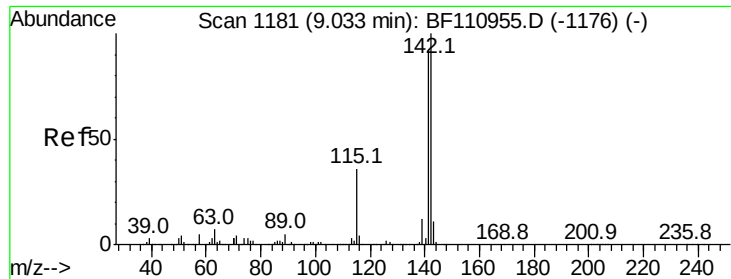
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#37
2-Methylnaphthalene
Concen: 74.251 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF110984.D
Acq: 27 Nov 2018 00:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.2
115	37.6	28.7	43.1





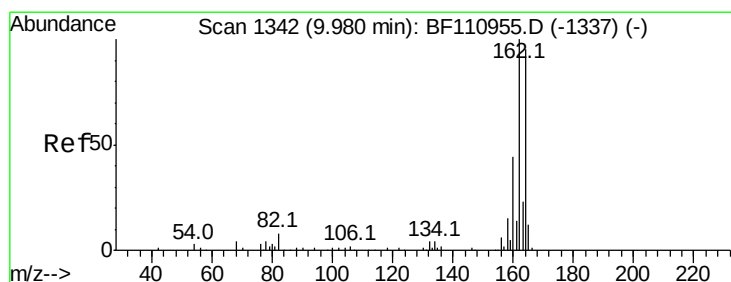
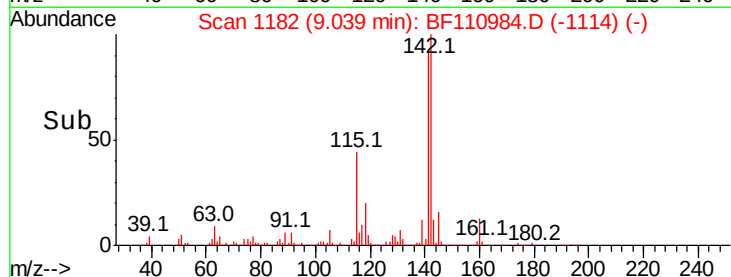
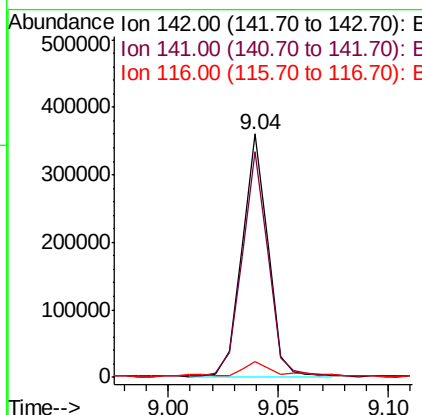
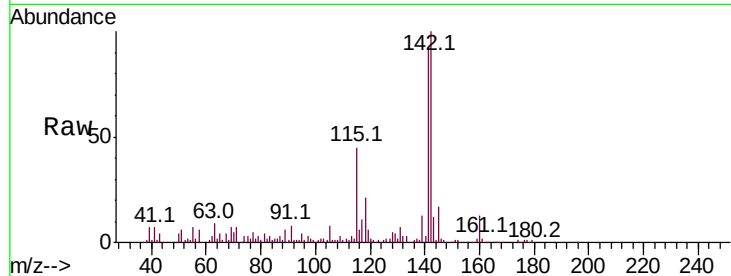
#38
1-Methylnaphthalene
Concen: 50.137 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.10 min
Lab File: BF110984.D
Acq: 27 Nov 2018 00:41

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	6.3	2.6	4.0

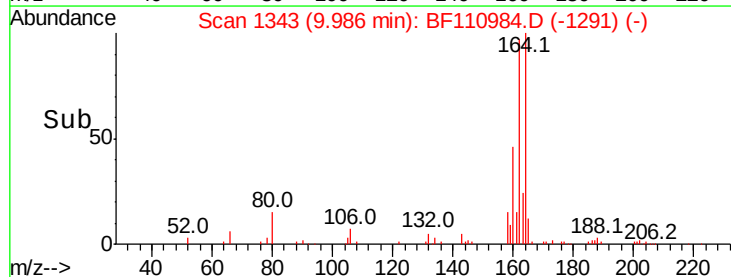
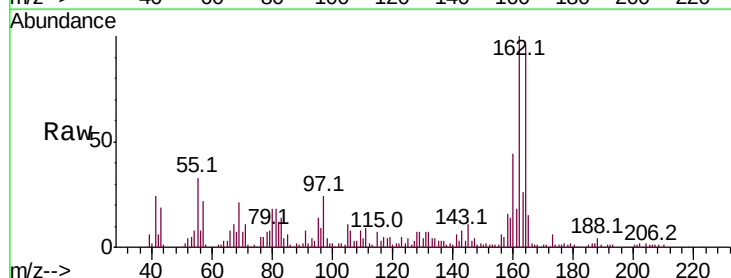
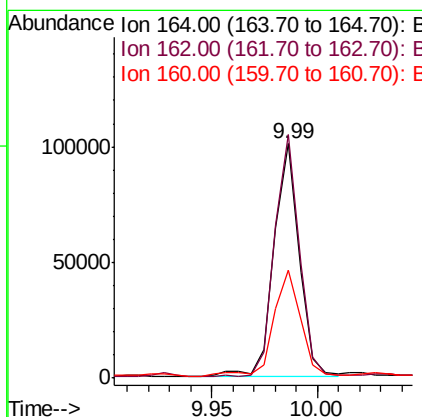
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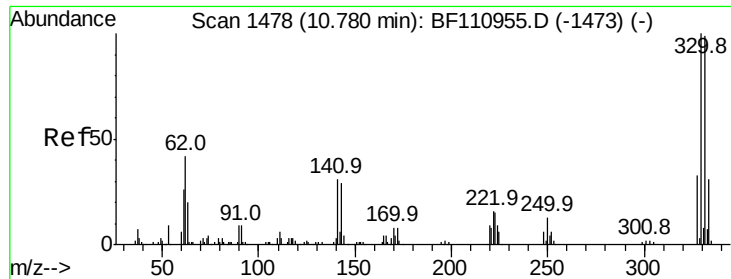
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF110984.D
Acq: 27 Nov 2018 00:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.1	37.0	55.6





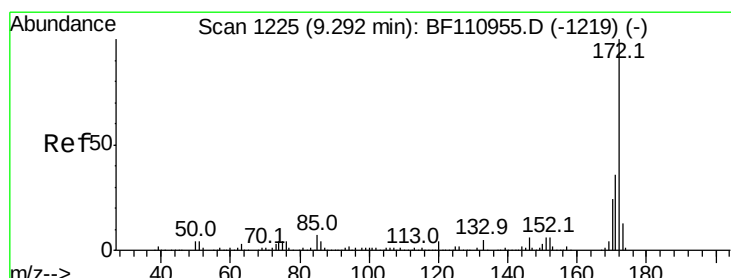
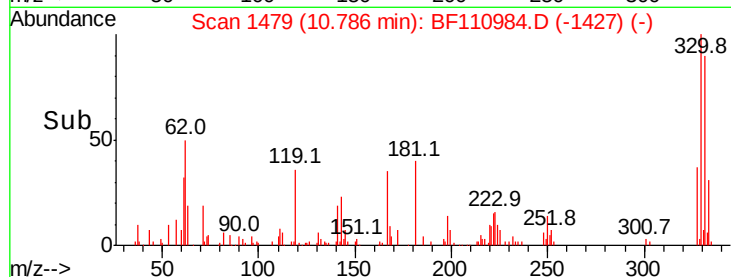
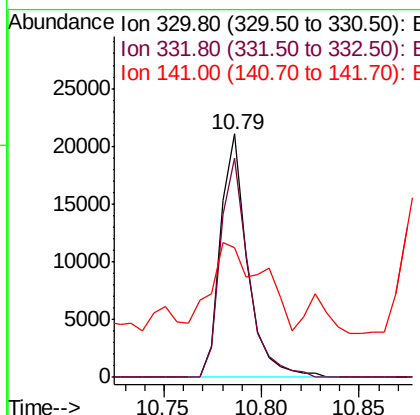
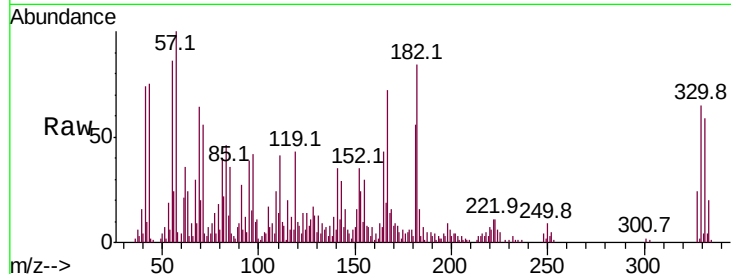
#42
 2,4,6-Tribromophenol
 Concen: 24.272 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF110984.D
 Acq: 27 Nov 2018 00:41

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-ADL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	66.9	27.0	40.4

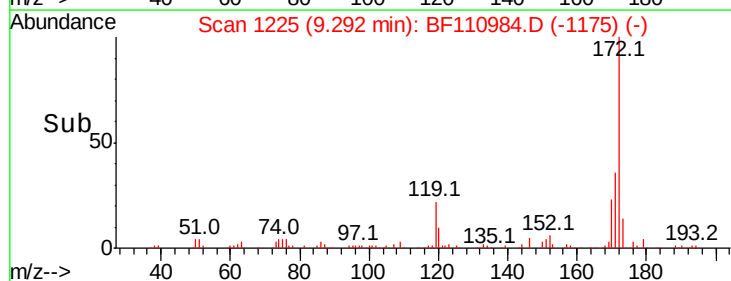
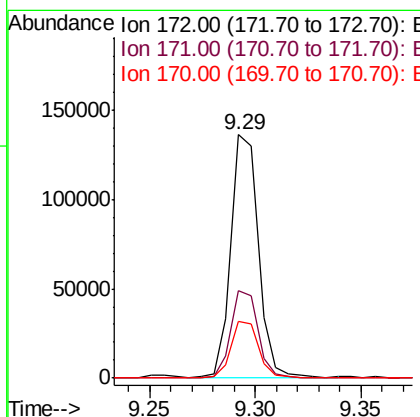
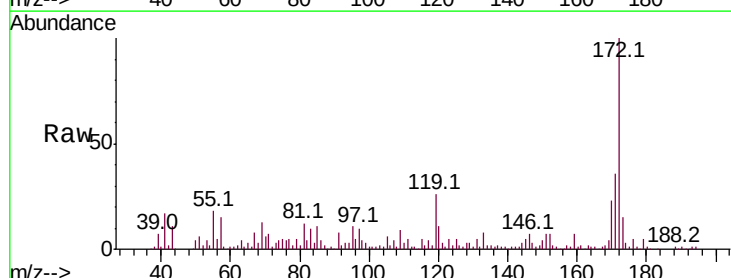
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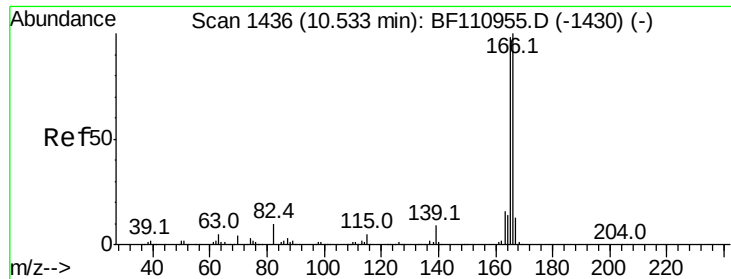
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#45
 2-Fluorobiphenyl
 Concen: 21.185 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110984.D
 Acq: 27 Nov 2018 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.0	19.7	29.5





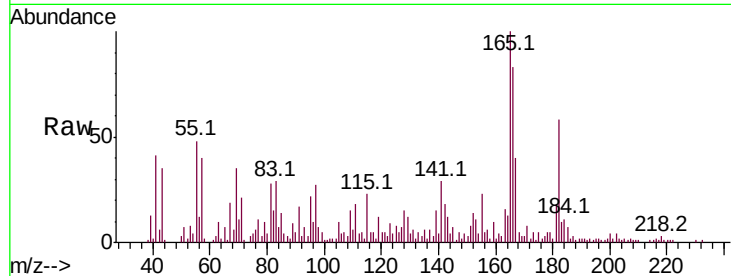
#58
 Fluorene
 Concen: 7.003 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF110984.D
 Acq: 27 Nov 2018 00:41

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-ADL

Tot Ion	Ratio	Lower	Upper
166	100		
165	120.2	78.6	117.8#
167	48.4	10.8	16.2#

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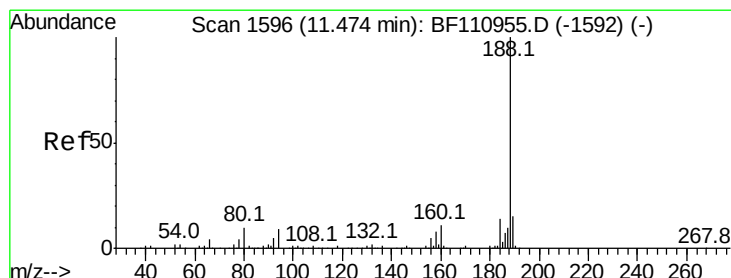
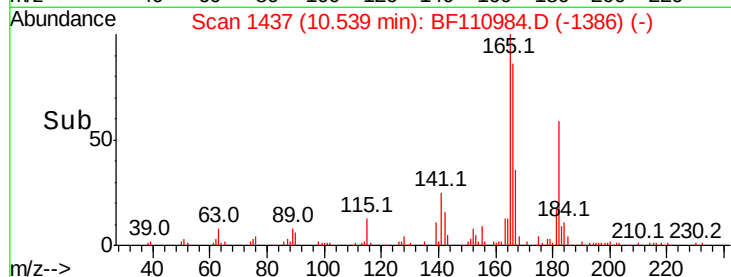
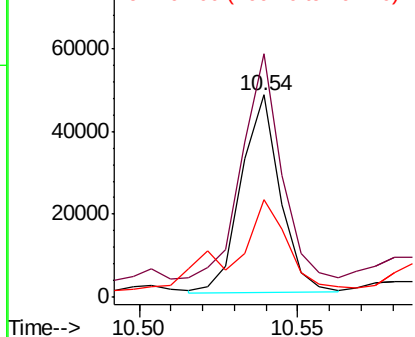


Abundance

Ion 166.00 (165.70 to 166.70): E

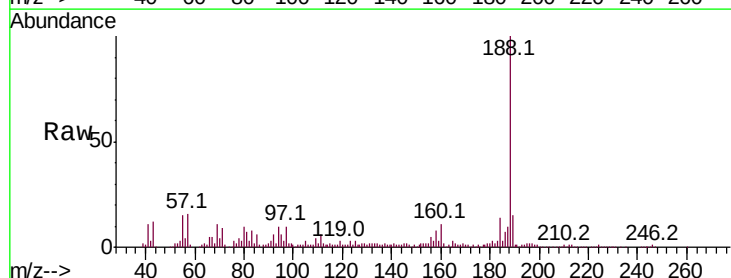
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF110984.D
 Acq: 27 Nov 2018 00:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.0	7.9	11.9

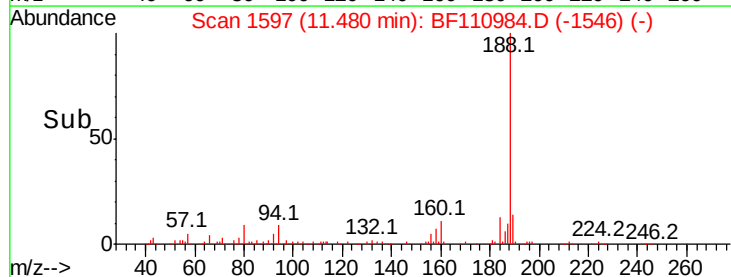
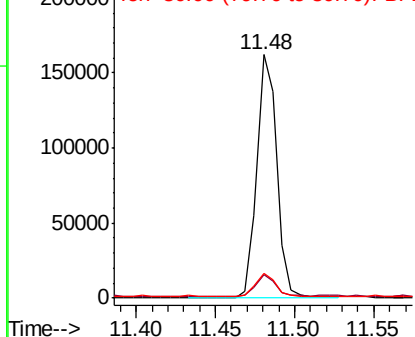


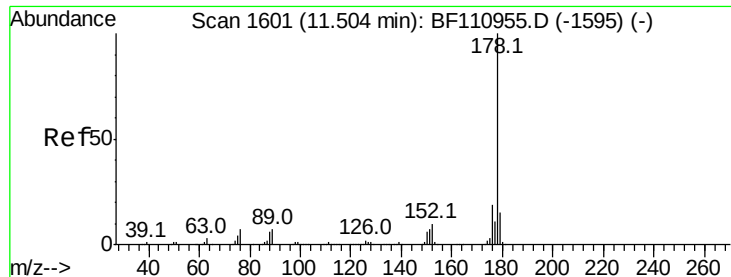
Abundance

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





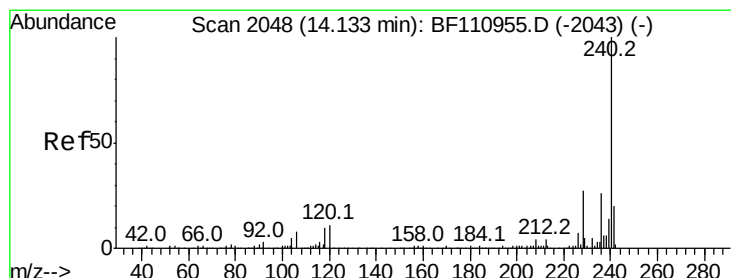
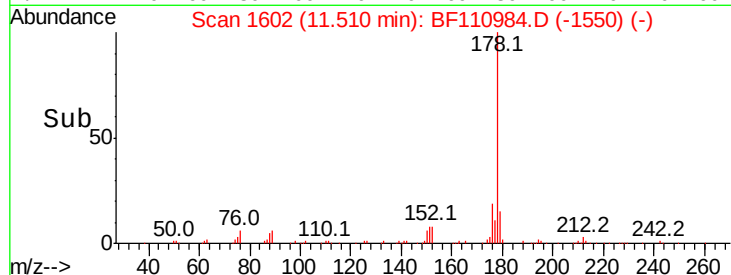
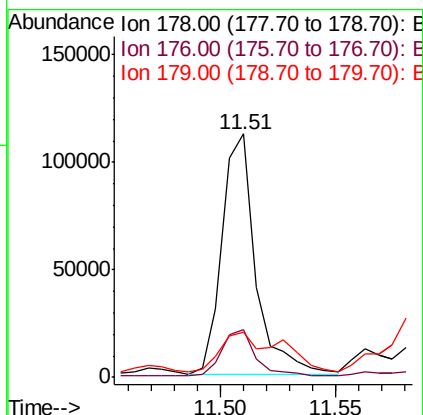
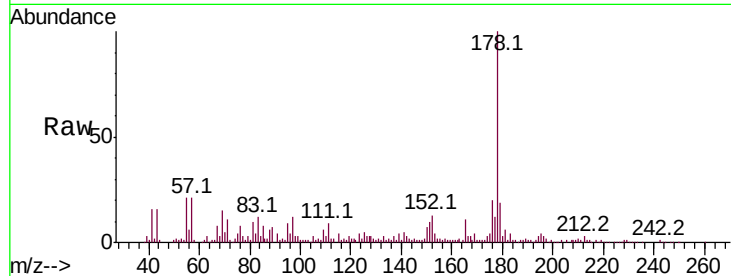
#71
Phenanthrene
Concen: 14.889 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF110984.D
Acq: 27 Nov 2018 00:41

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	18.7	12.5	18.7

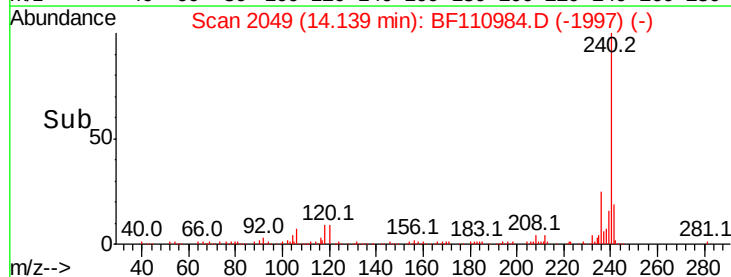
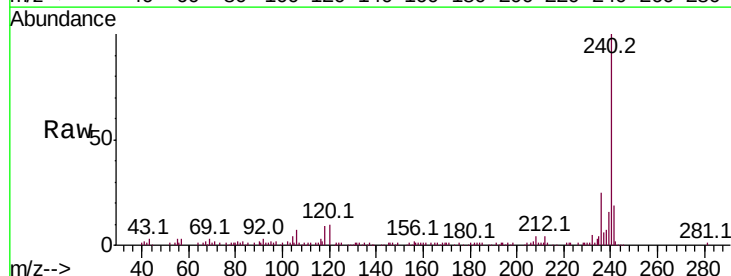
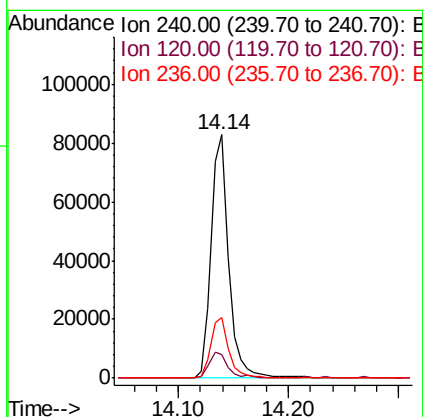
Manual Integrations
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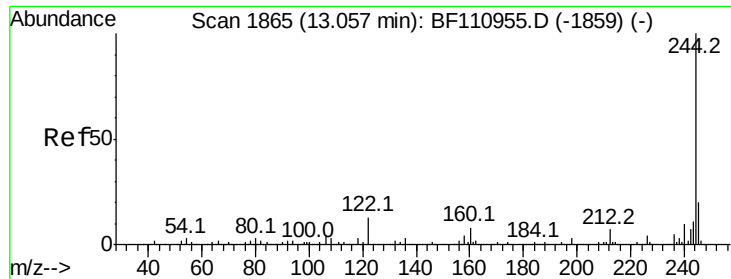
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF110984.D
Acq: 27 Nov 2018 00:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	24.9	21.2	31.8





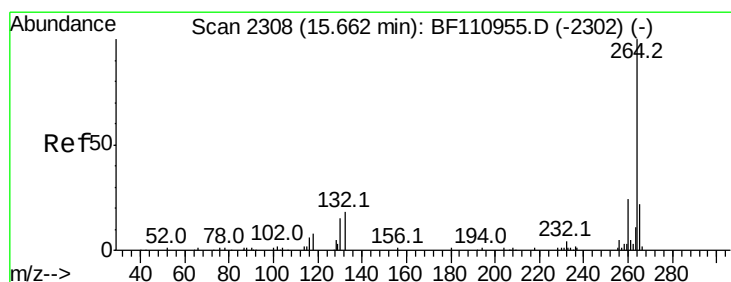
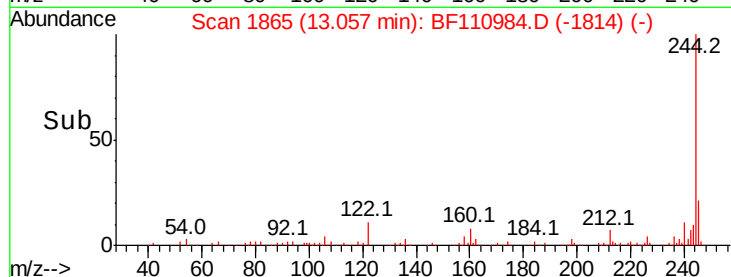
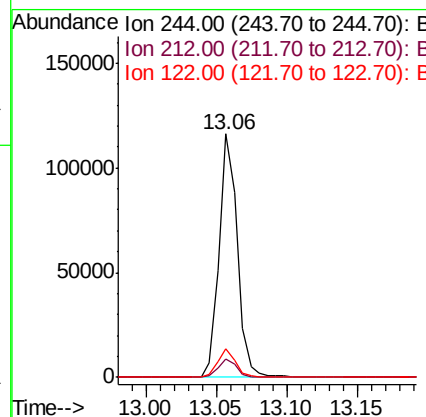
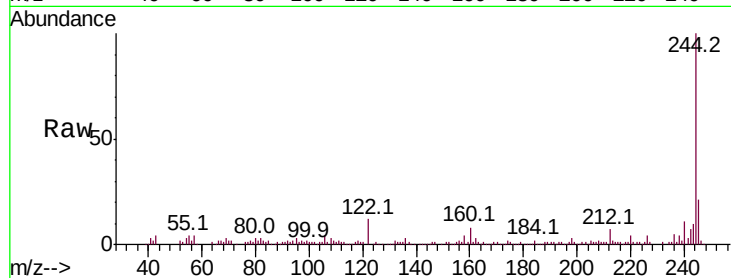
#79
 Terphenyl-d14
 Concen: 22.543 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF110984.D
 Acq: 27 Nov 2018 00:41

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-ADL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.7	8.7	13.1

Manual Integrations
 APPROVED

mohammad
 11/27/2018 11:48:19 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110984.D
 Acq: 27 Nov 2018 00:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.0	16.7	25.1

