

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112401.D
 Acq On : 5 Feb 2019 17:43
 Operator : JU/SJ
 Sample : K1341-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-C

Manual Integrations
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mohammad
 2/6/2019 9:15:55 AM

Quant Time: Feb 06 00:26:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	174382	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	605914	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	279837	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	446076	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	353409	20.00	ng	-0.01
87) Perylene-d12	15.47	264	273779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	222187	27.06	ng	-0.02
7) Phenol-d6	6.47	99	292756	25.66	ng	-0.02
23) Nitrobenzene-d5	7.39	82	171024	16.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	64585	19.83	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	352859	17.83	ng	-0.02
79) Terphenyl-d14	12.93	244	277594	14.79	ng	-0.02
Target Compounds						
31) Naphthalene	8.14	128	153564	5.420	ng	Qvalue # 94
37) 2-Methylnaphthalene	8.83	142	268159	13.824	ng	98
38) 1-Methylnaphthalene	8.93	142	182683m	9.826	ng	
46) 1,1'-Biphenyl	9.29	154	107844	4.408	ng	95

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

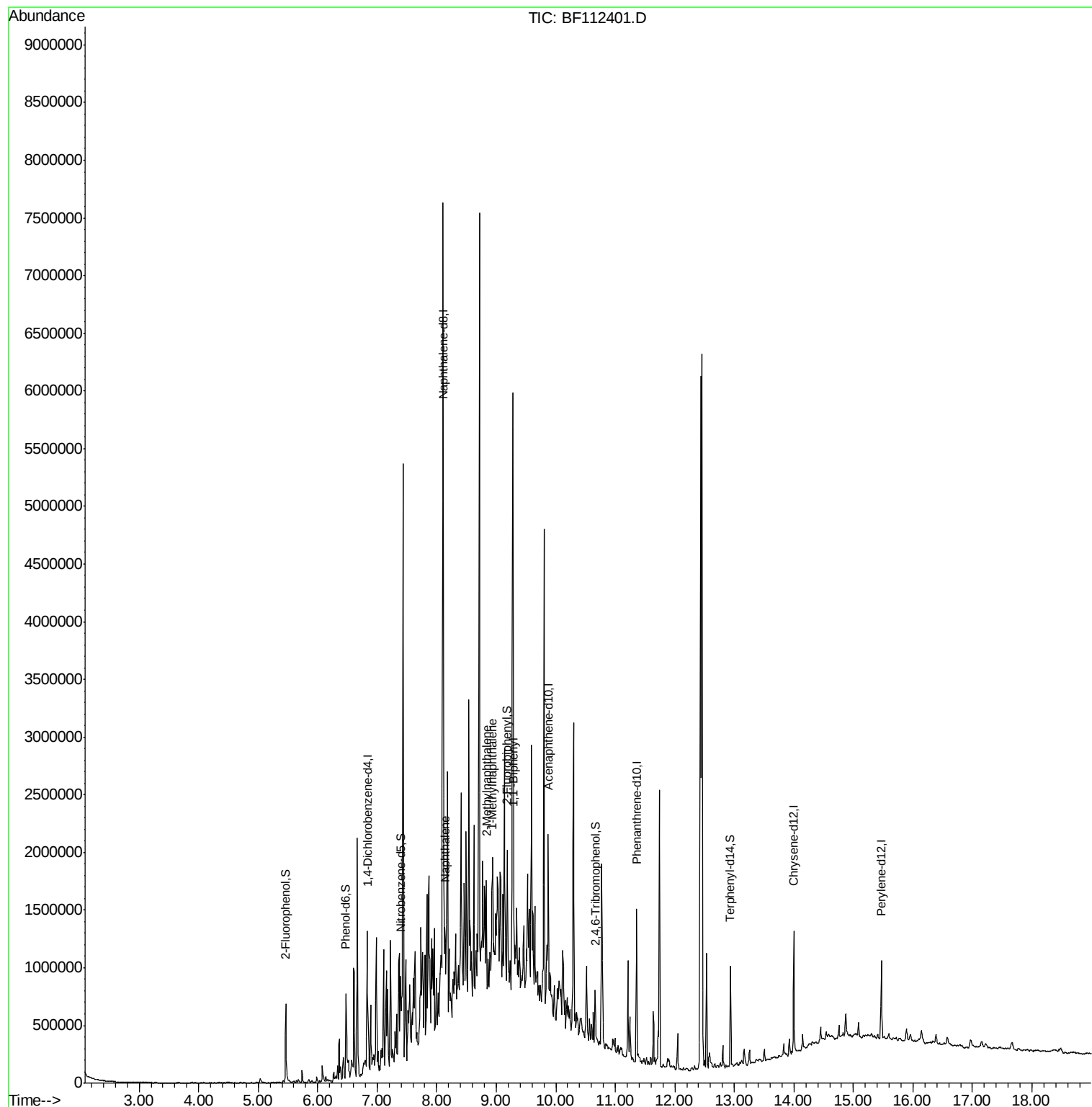
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112401.D
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ALS Vial : 10 Sample Multiplier: 1

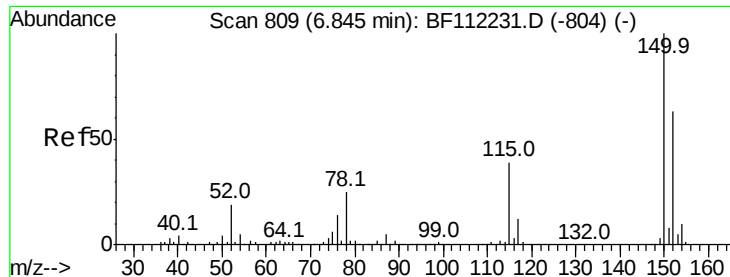
Instrument :
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HR-05-020419-C

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

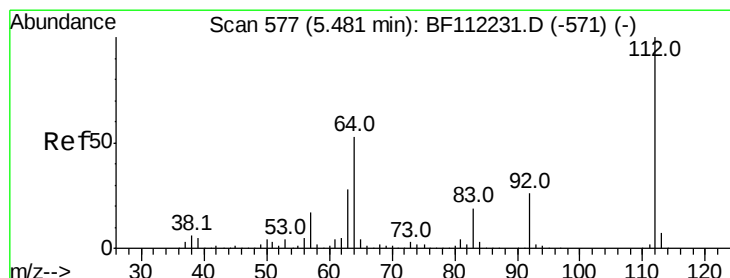
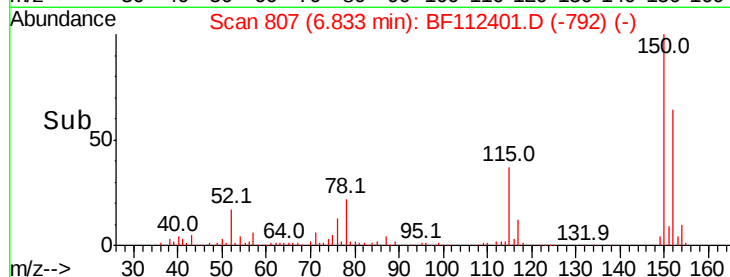
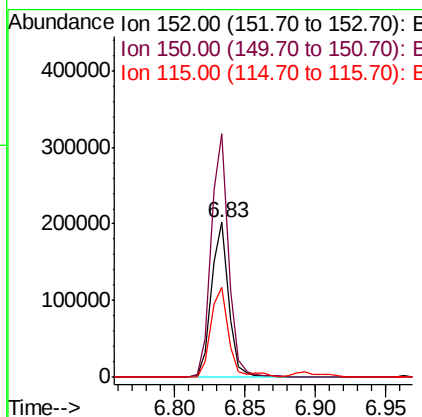
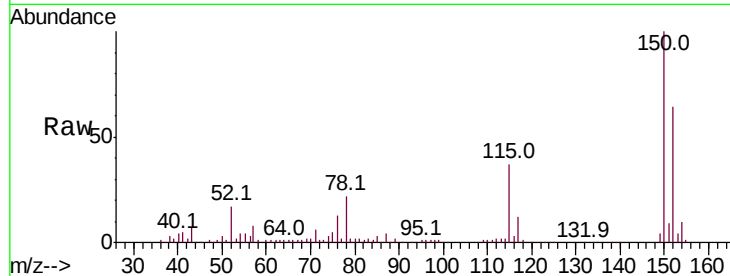
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.4	191.0
115	57.7	45.5	68.3

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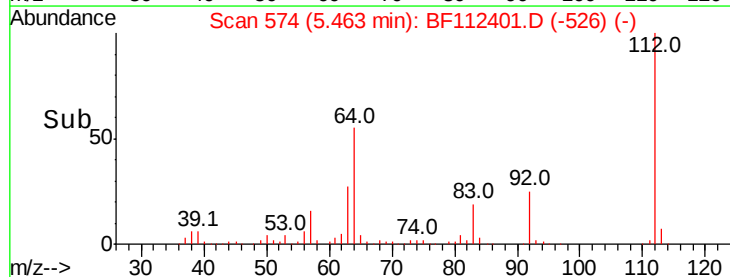
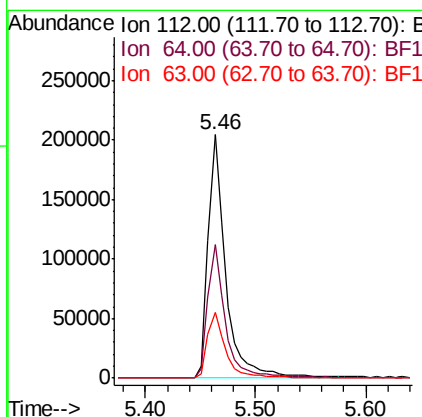
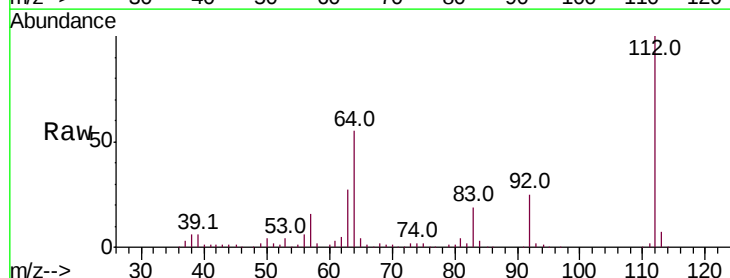
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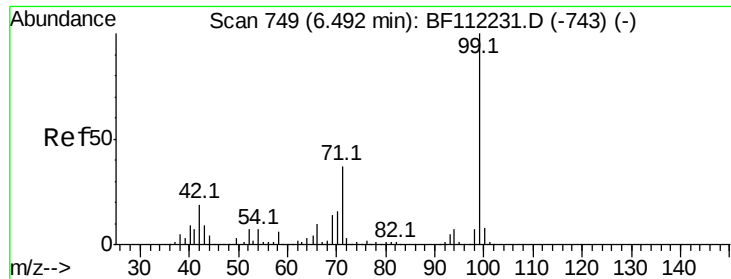


#5

2-Fluorophenol
Concen: 27.064 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.7	68.5
63	27.0	23.6	35.4





#7

Phenol-d6

Concen: 25.662 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112401.D

Acq: 5 Feb 2019 17:43

Instrument :

BNA_F

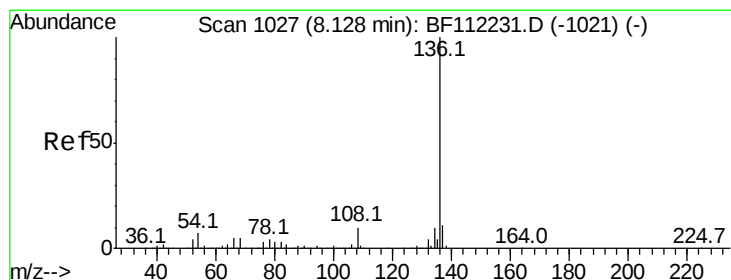
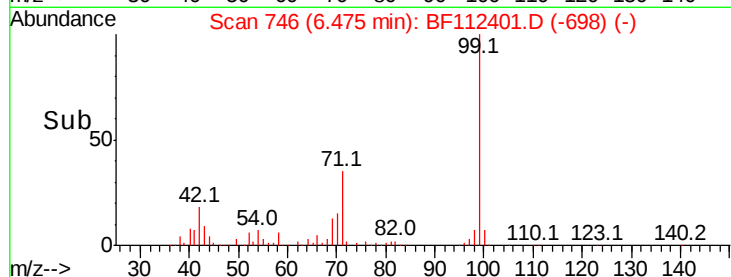
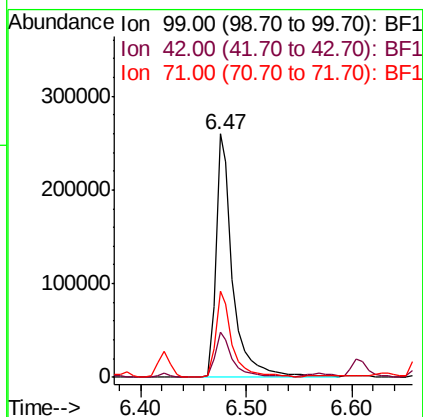
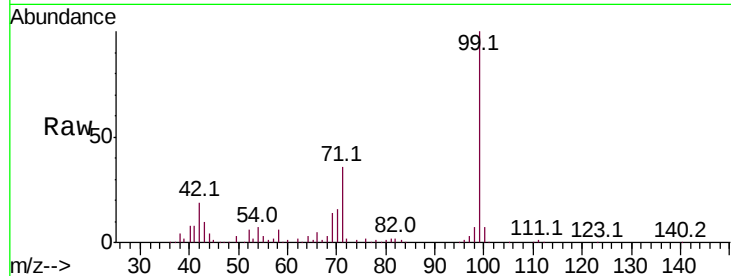
ClientSampleId :

HR-05-020419-C

Tot Ion:	99	Resp:	292756
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.1	22.7
71	35.6	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

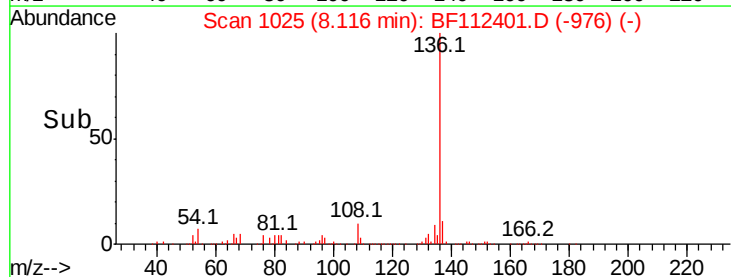
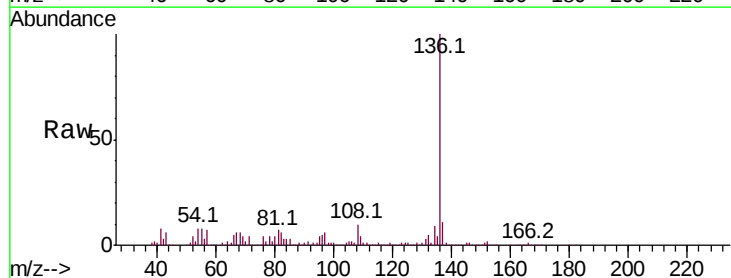
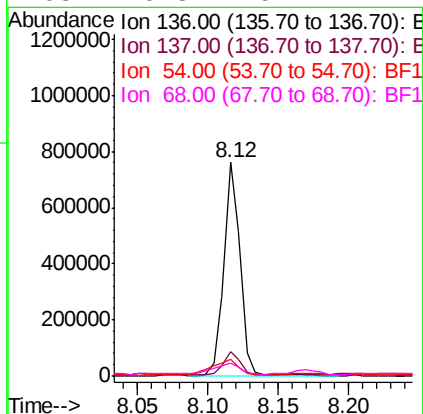
RT: 8.12 min Scan# 1025

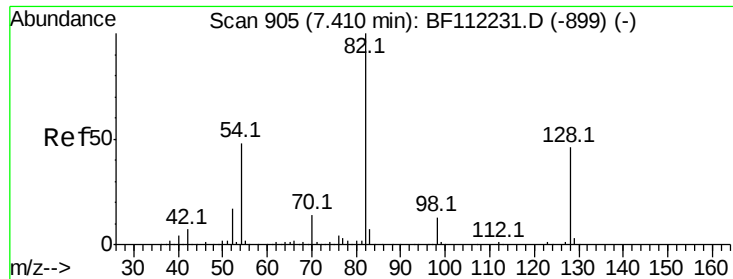
Delta R.T. -0.01 min

Lab File: BF112401.D

Acq: 5 Feb 2019 17:43

Tgt Ion:	136	Resp:	605914
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.6	5.9	8.9
68	6.3	5.1	7.7





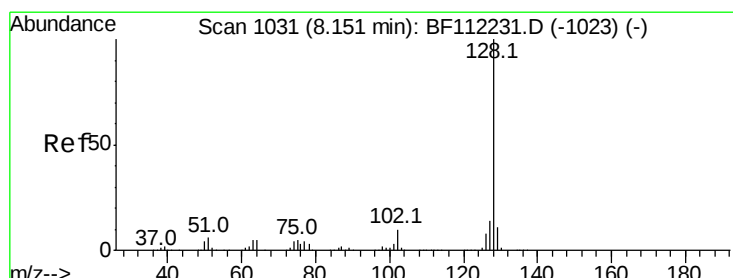
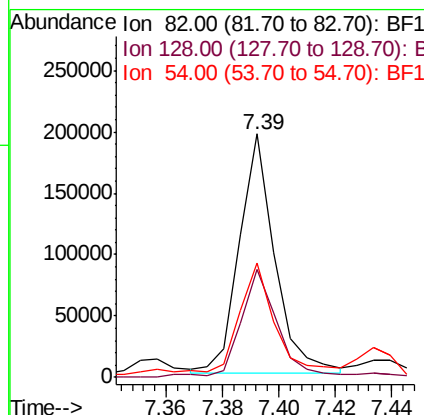
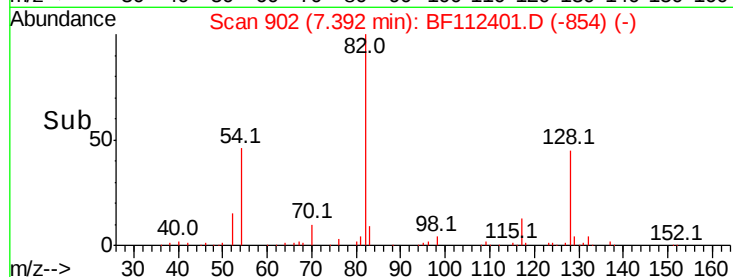
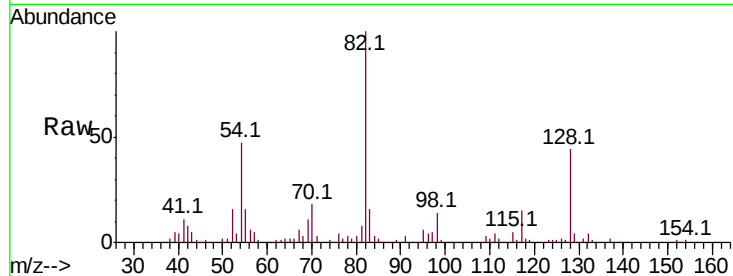
#23
 Nitrobenzene-d5
 Concen: 16.264 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112401.D
 Acq: 5 Feb 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-C

Tot Ion:	82	Resp:	171024
Ion Ratio	Lower	Upper	
82	100		
128	44.4	37.8	56.8
54	46.8	39.7	59.5

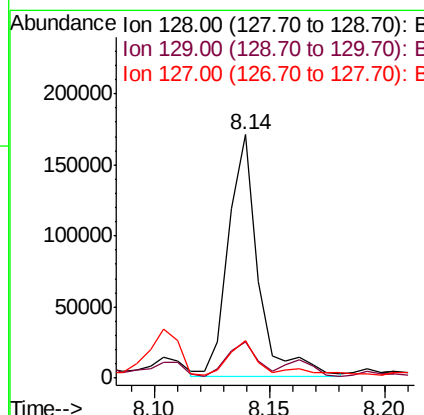
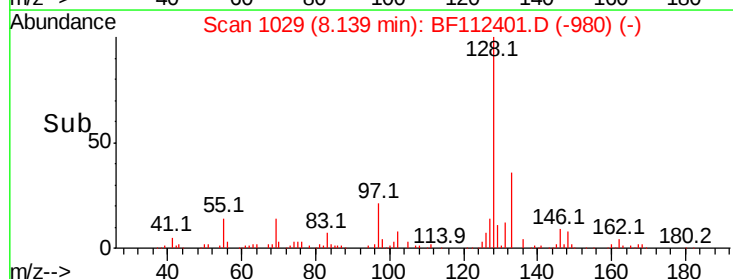
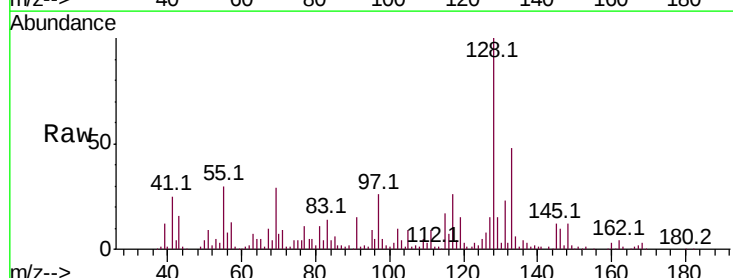
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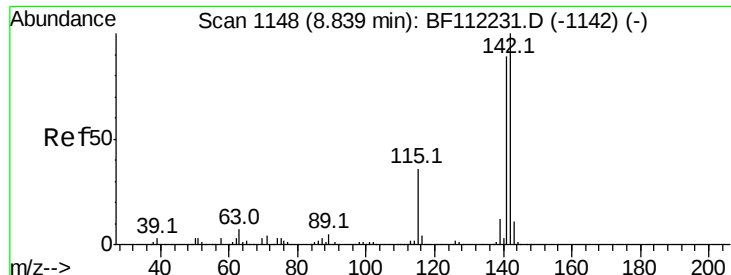
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#31
 Naphthalene
 Concen: 5.420 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF112401.D
 Acq: 5 Feb 2019 17:43

Tgt Ion:	128	Resp:	153564
Ion Ratio	Lower	Upper	
128	100		
129	15.1	9.6	14.4#
127	15.5	11.1	16.7





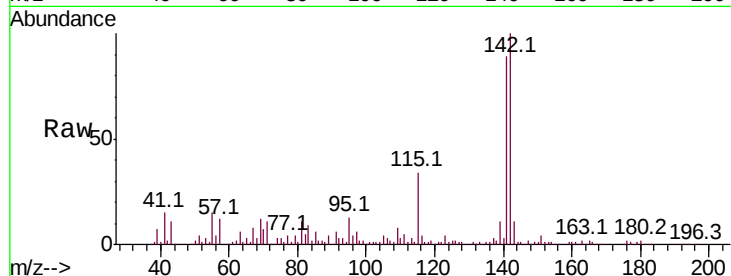
#37
2-Methylnaphthalene
Concen: 13.824 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Tot Ion	Ratio	Resp	Lower	Upper
142	100	268159		
141	89.5	70.9	106.3	
115	33.6	24.9	37.3	

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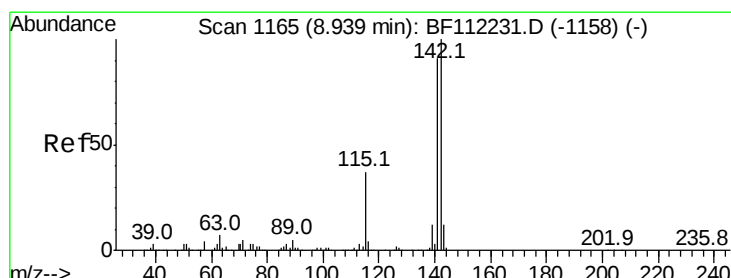
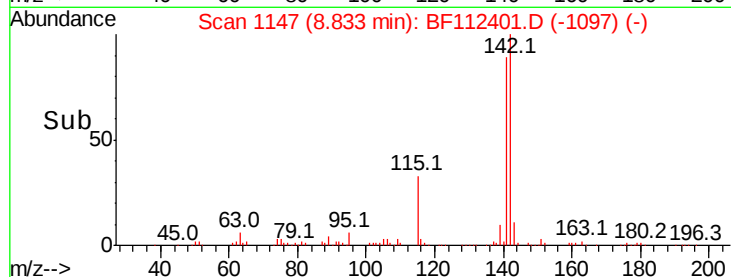
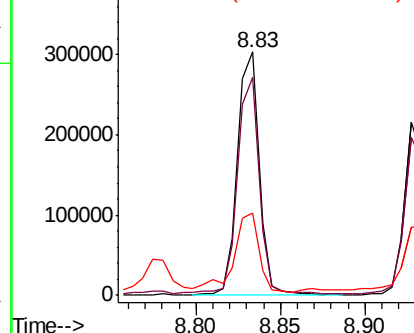


Abundance

Ion 142.00 (141.70 to 142.70): E

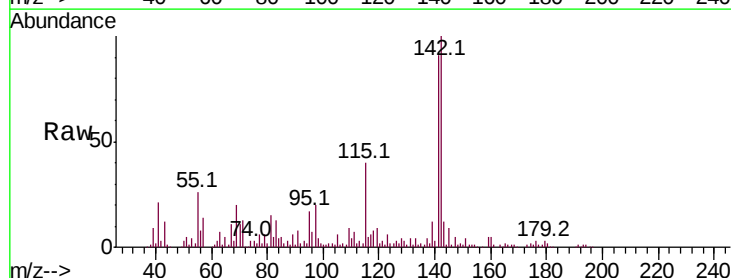
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 9.826 ng m
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	182683		
141	91.4	72.6	108.8	
116	5.4	2.8	4.2#	

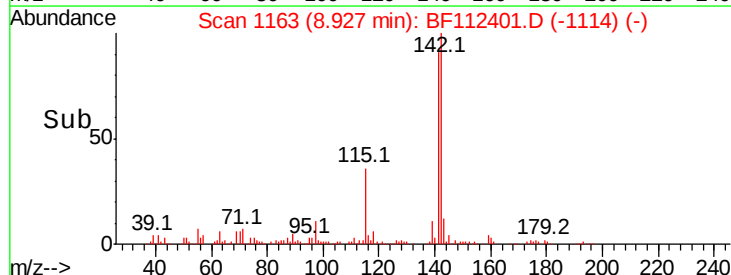
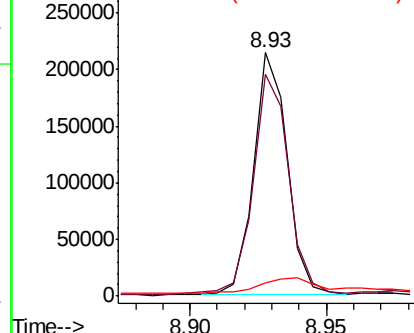


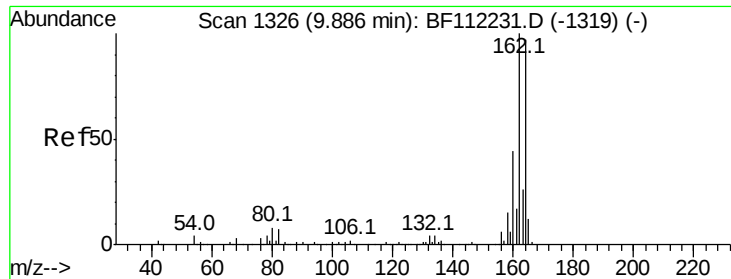
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





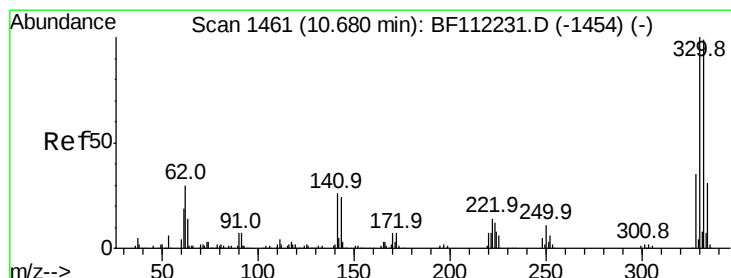
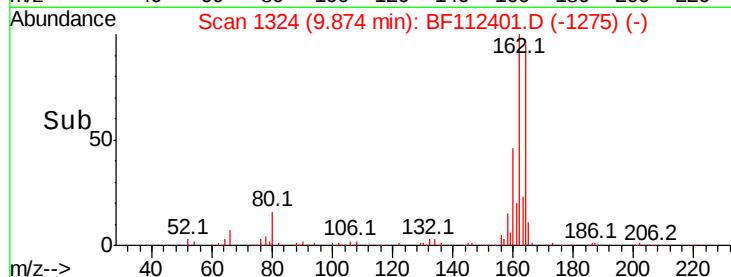
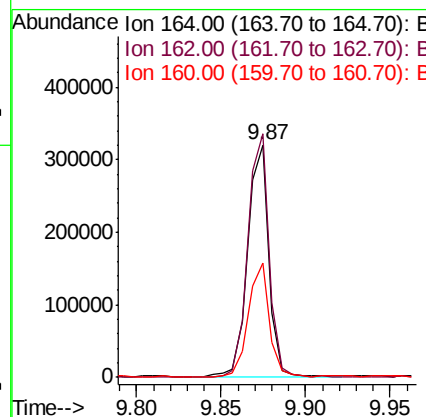
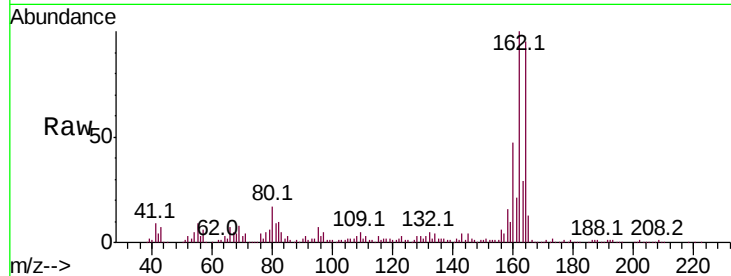
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112401.D
 Acq: 5 Feb 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-C

Tot Ion:	164	Resp:	279837
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.2	123.4
160	49.2	36.2	54.4

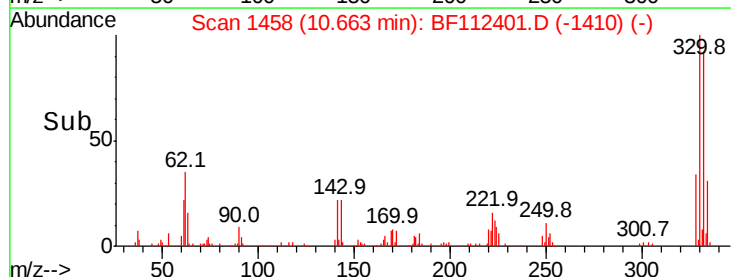
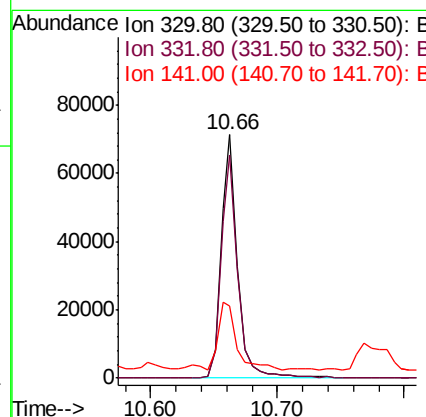
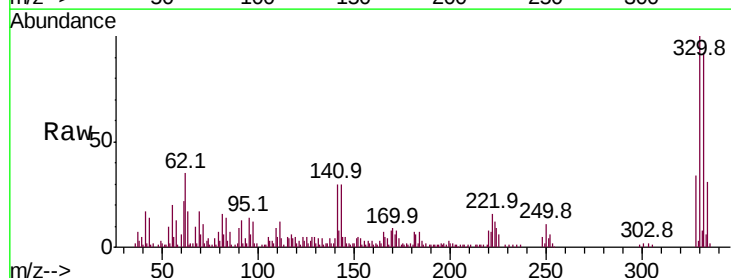
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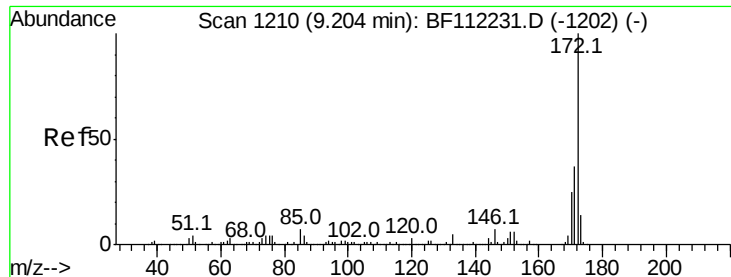
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#42
 2,4,6-Tribromophenol
 Concen: 19.828 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112401.D
 Acq: 5 Feb 2019 17:43

Tgt Ion:	330	Resp:	64585
Ion Ratio	Lower	Upper	
330	100		
332	93.5	76.6	114.8
141	32.1	24.3	36.5





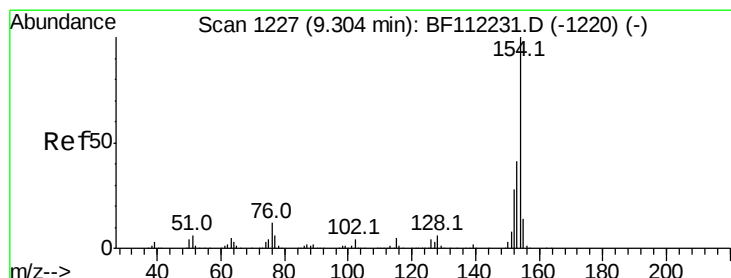
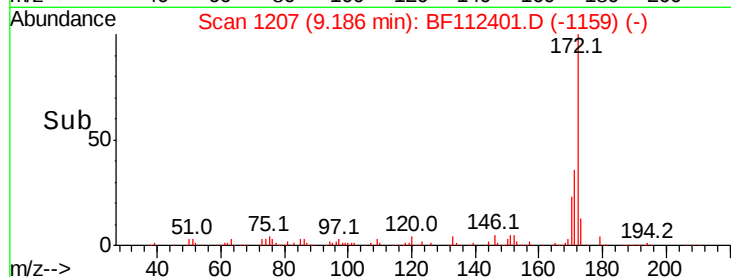
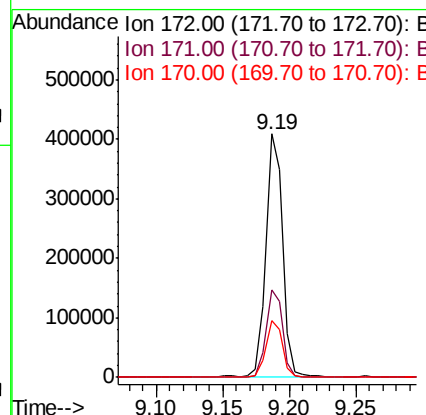
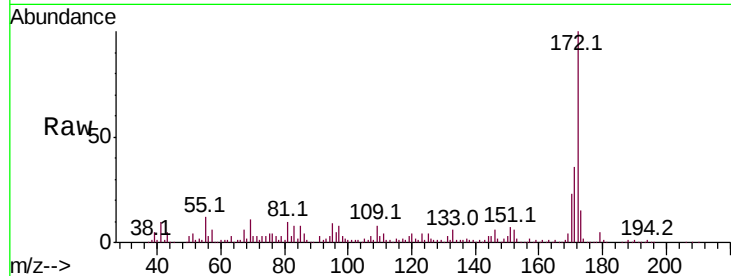
#45
2-Fluorobiphenyl
Concen: 17.834 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.4	20.2	30.4

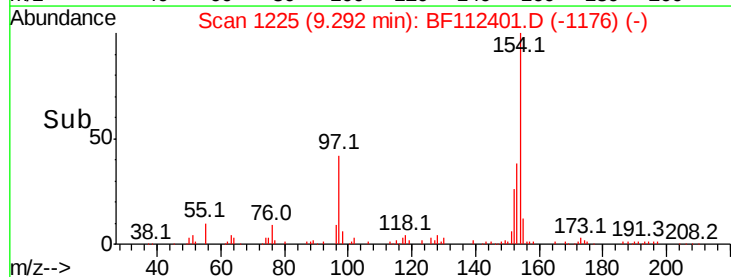
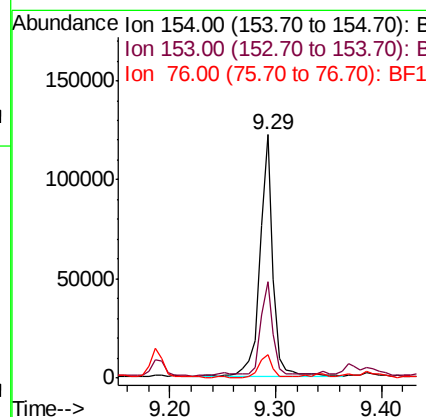
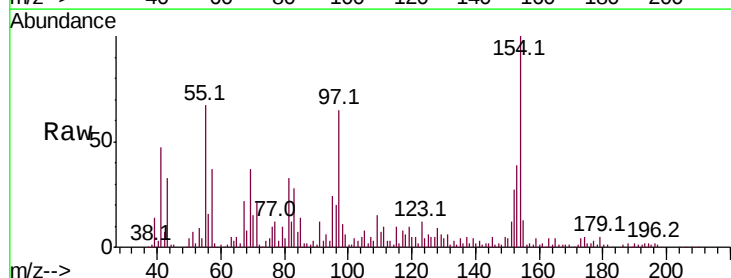
Manual Integrations
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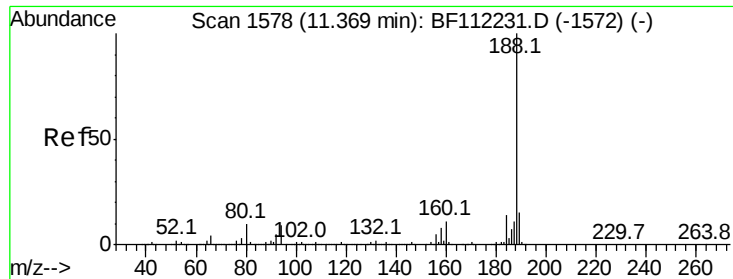
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#46
1,1'-Biphenyl
Concen: 4.408 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.5	61.5
76	9.8	0.0	33.1





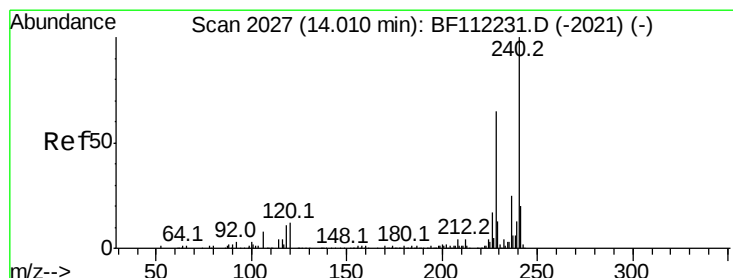
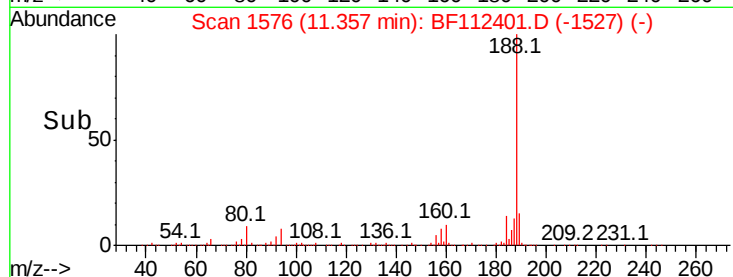
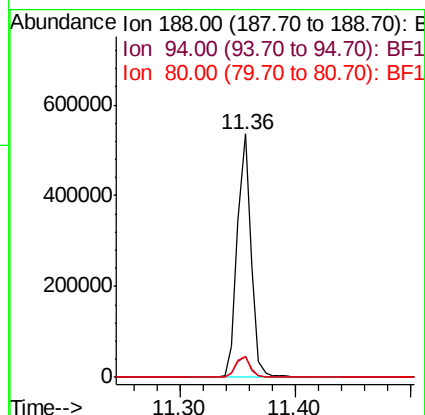
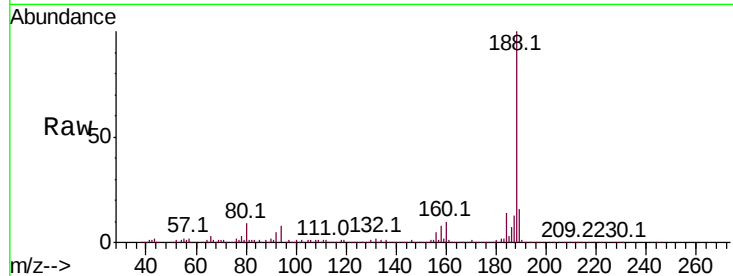
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.8	8.9	13.3#

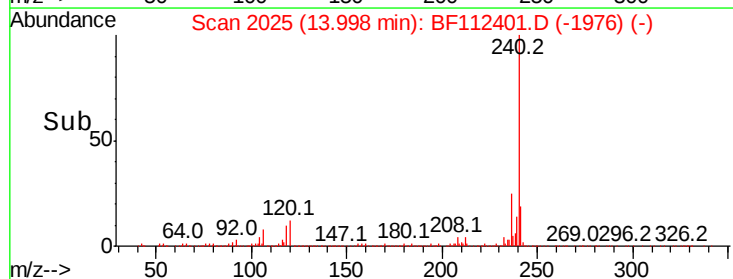
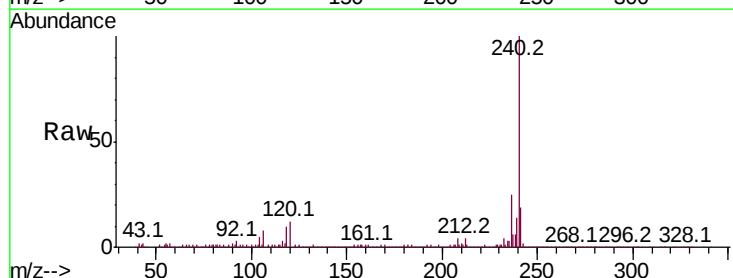
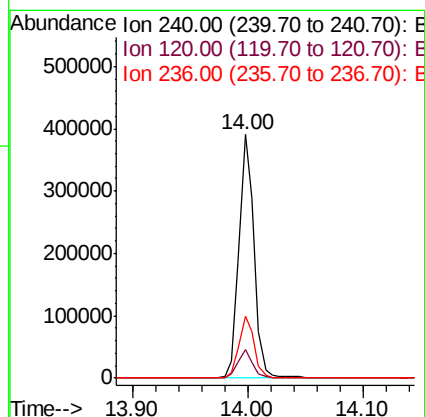
Manual Integrations
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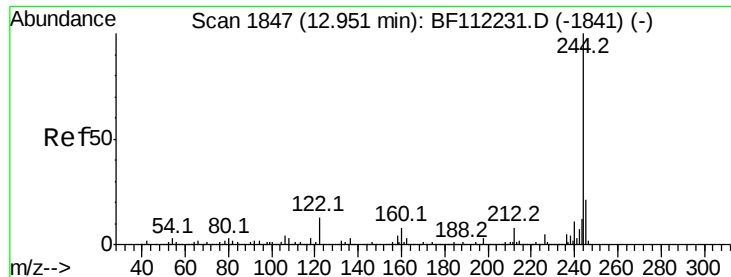
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	9.0	13.6
236	25.2	20.7	31.1





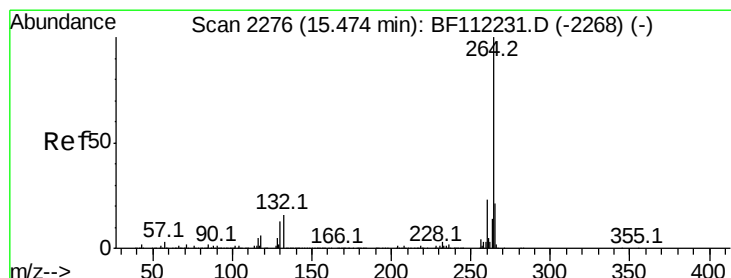
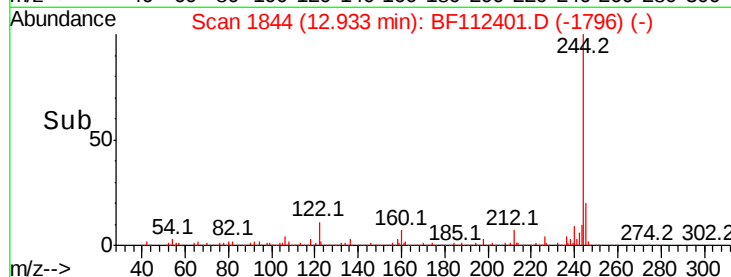
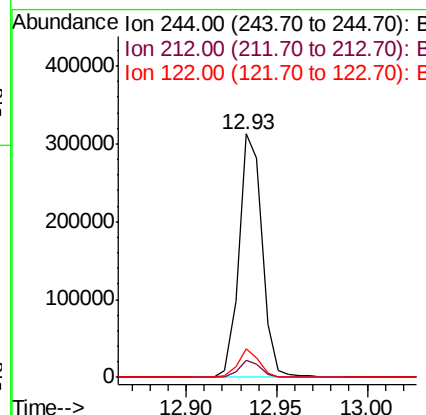
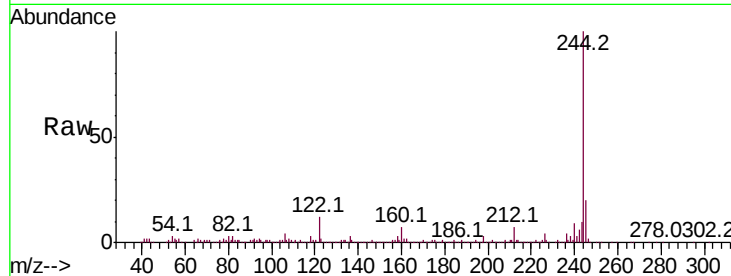
#79
Terphenyl-d14
Concen: 14.794 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.7	9.8	14.6

Manual Integrations
APPROVED

mohammad
2/6/2019 9:15:55 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	18.2	27.2
265	22.4	17.0	25.4

