

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117160.D
 Acq On : 18 Sep 2019 22:14
 Operator : HP/JU
 Sample : K4942-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
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Quant Time: Sep 19 11:49:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	68628	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	268785	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	141474	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	238995	20.00	ng	0.00
76) Chrysene-d12	13.97	240	172213	20.00	ng	0.00
87) Perylene-d12	15.42	264	161361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	532714	121.19	ng	0.02
7) Phenol-d6	6.46	99	630629	111.01	ng	0.00
23) Nitrobenzene-d5	7.39	82	505356	98.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	178703	151.14	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	872189	96.39	ng	0.00
79) Terphenyl-d14	12.91	244	897214	97.38	ng	0.00
Target Compounds						
35) Caprolactam	8.53	113	6039m	4.948	ng	Qvalue
50) Dimethylphthalate	9.57	163	65162	6.505	ng	# 98

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

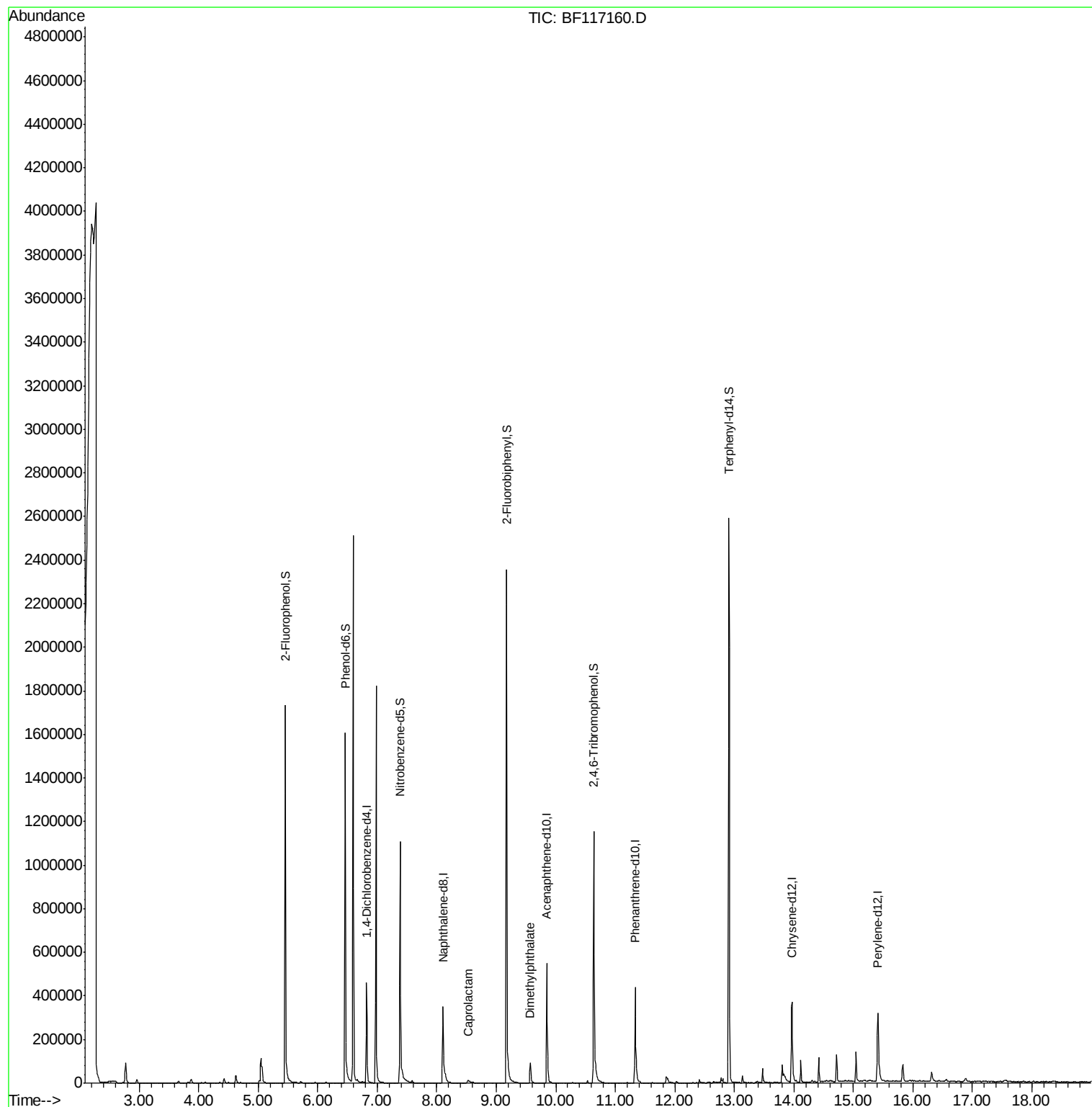
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117160.D
Acq On : 18 Sep 2019 22:14
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Response via : Initial Calibration





#1

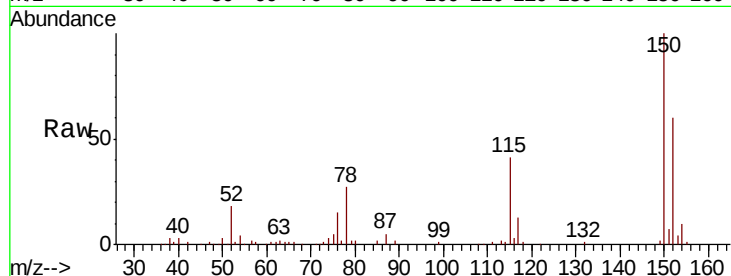
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.0	127.5	191.3
115	68.6	55.0	82.4

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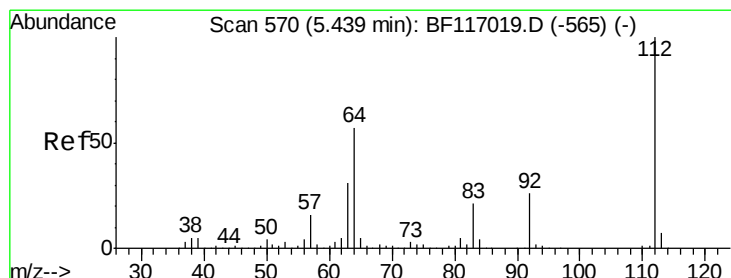
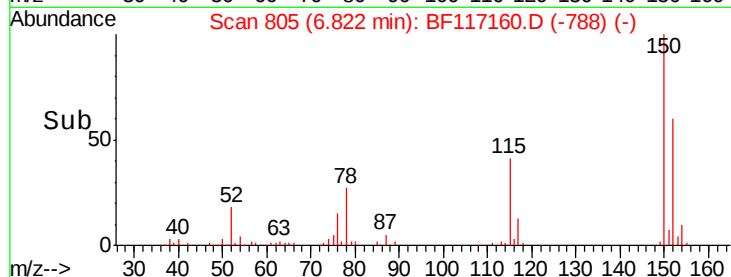
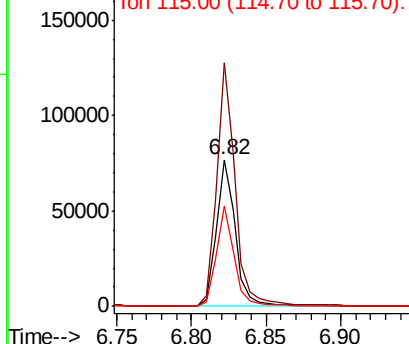


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

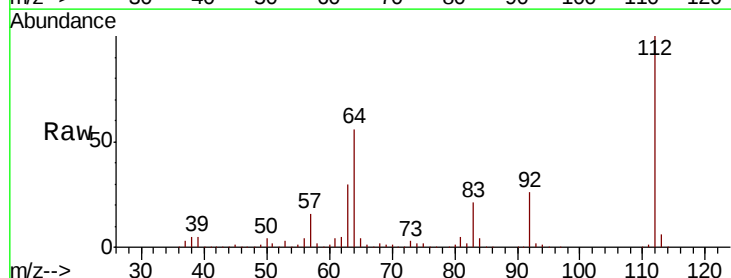
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.189 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.7	68.5
63	30.1	24.9	37.3

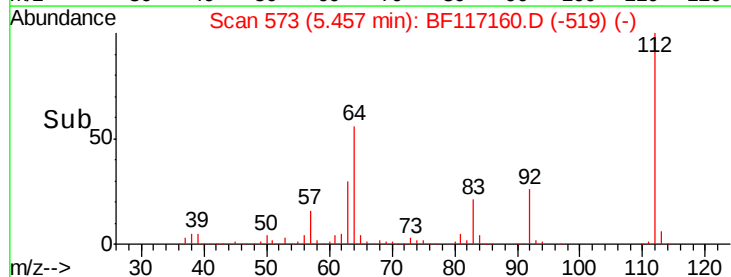
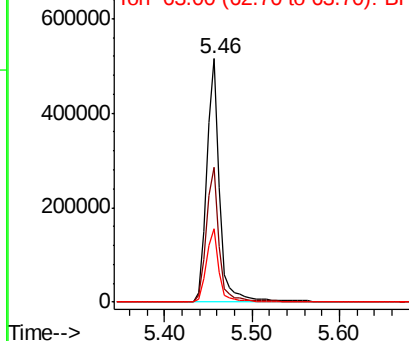


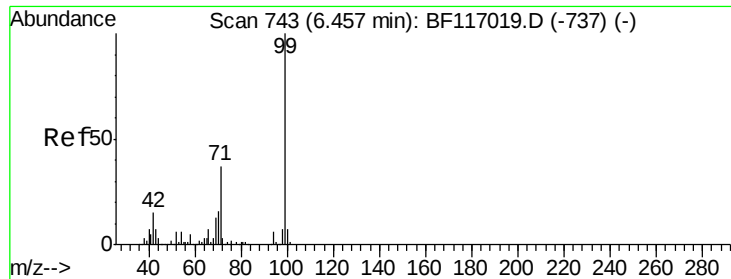
Abundance

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: 111.010 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117160.D

Acq: 18 Sep 2019 22:14

Instrument :

BNA_F

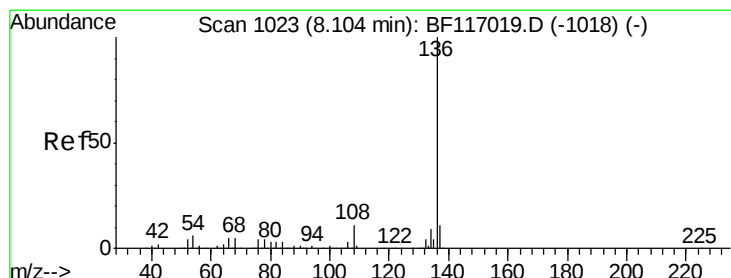
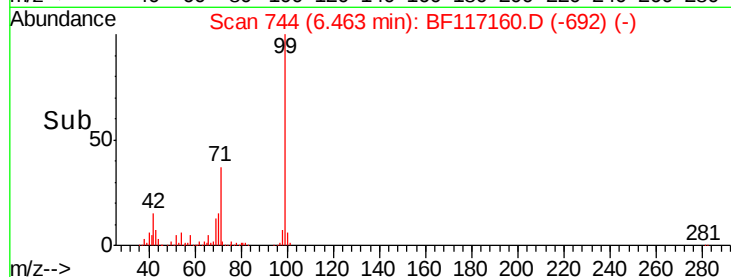
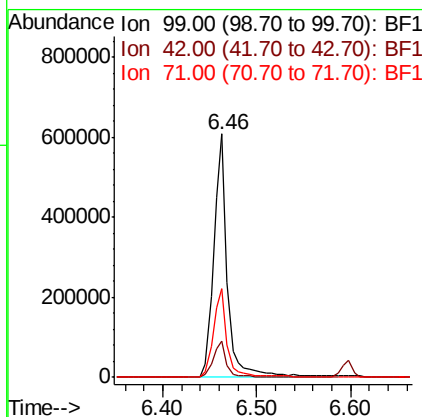
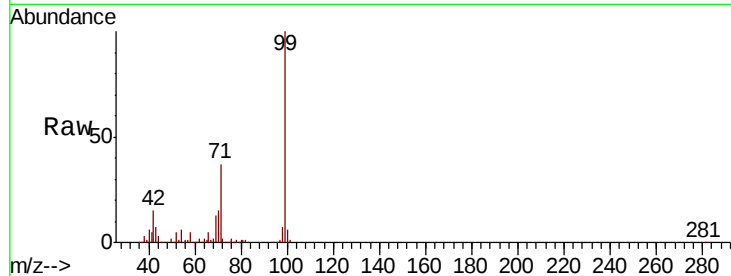
ClientSampleId :

TP-4

Tot Ion:	99	Resp:	630629
Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.2	18.2
71	36.7	29.8	44.8

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#21

Naphthalene-d8

Concen: 20.000 ng

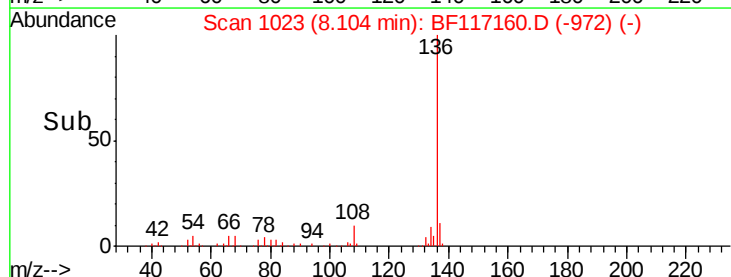
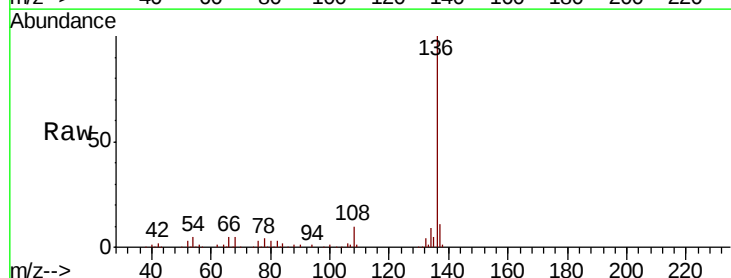
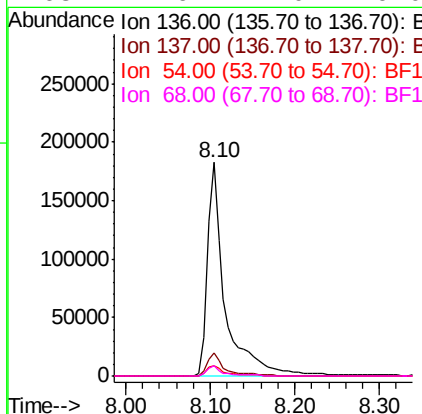
RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117160.D

Acq: 18 Sep 2019 22:14

Tgt Ion:	136	Resp:	268785
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.0	4.5	6.7
68	4.6	4.0	6.0





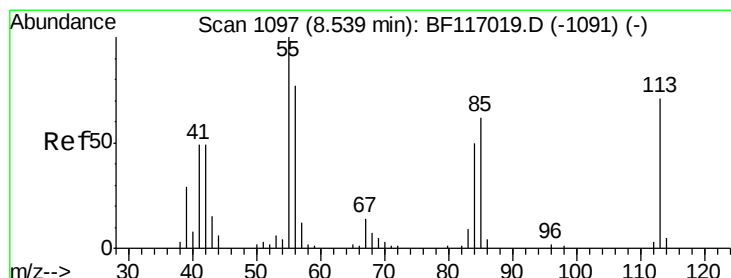
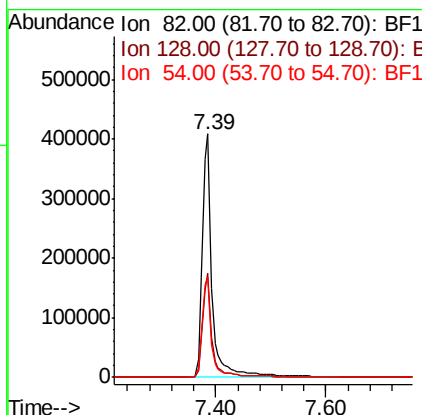
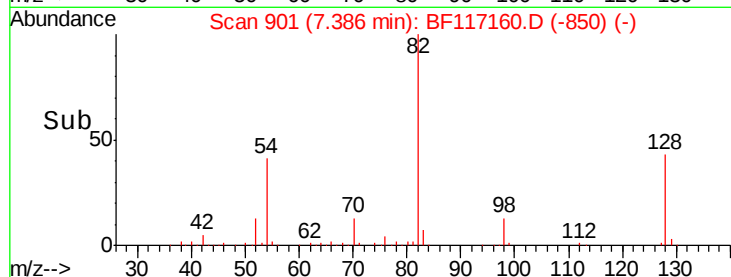
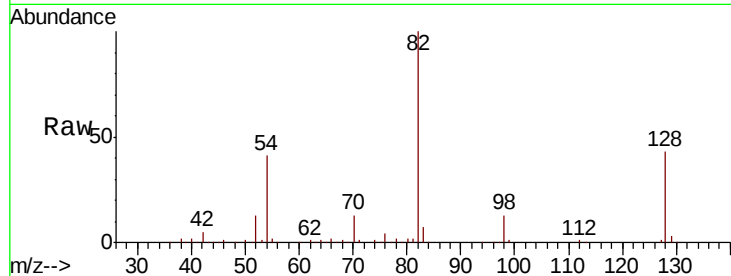
#23
Nitrobenzene-d5
Concen: 98.788 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:	82	Resp:	505356
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.3	48.5
54	41.1	33.3	49.9

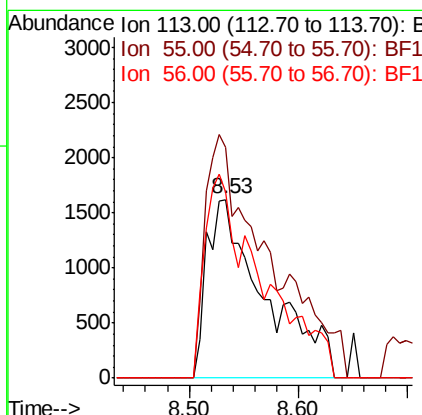
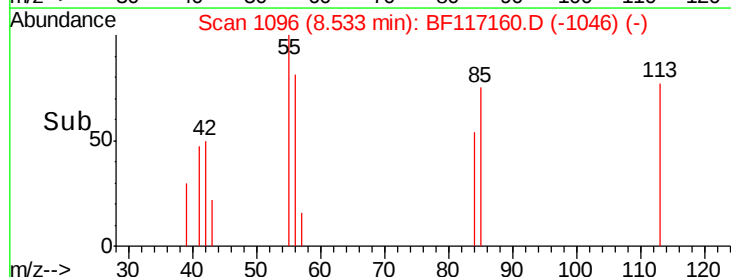
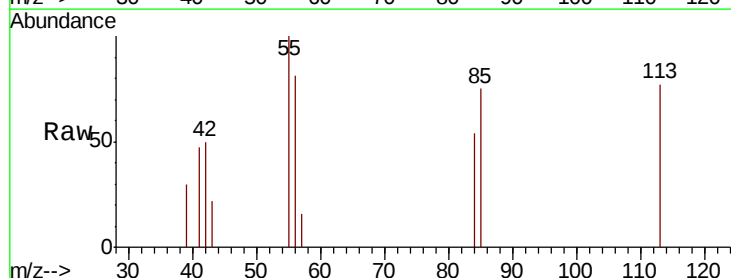
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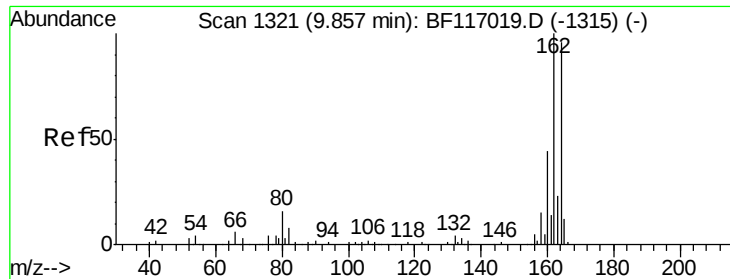
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#35
Caprolactam
Concen: 4.948 ng m
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Tgt Ion:	113	Resp:	6039
Ion Ratio	Lower	Upper	
113	100		
55	129.1	120.6	160.6
56	104.2	88.8	128.8





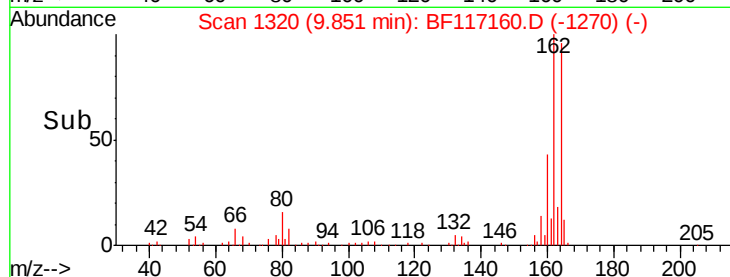
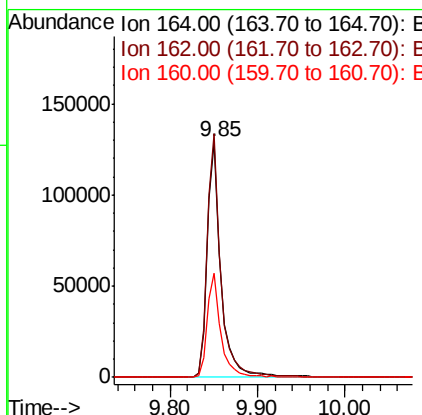
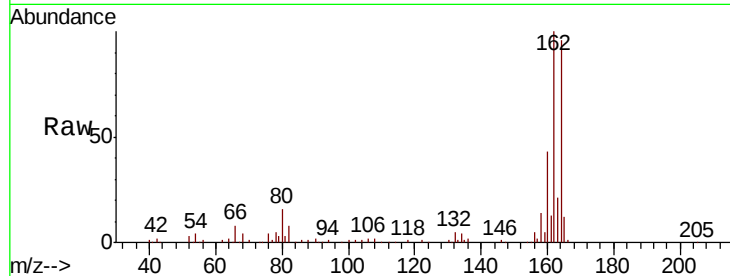
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	83.4	125.2	
160	44.4	36.4	54.6	

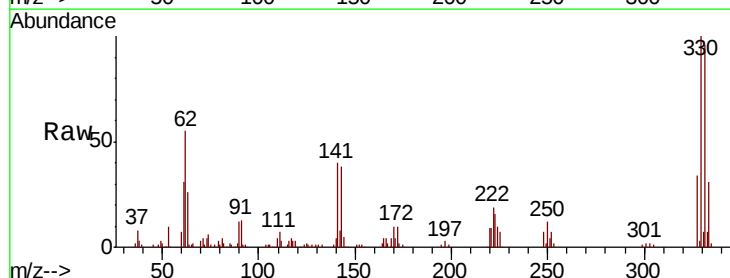
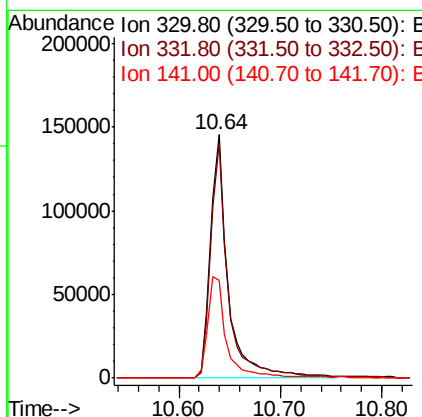
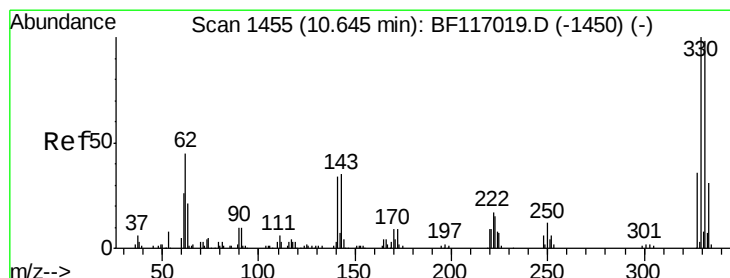
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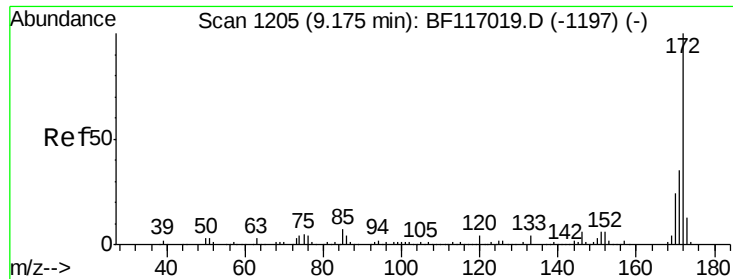
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#42
2,4,6-Tribromophenol
Concen: 151.136 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	78.0	117.0	
141	44.8	35.8	53.6	





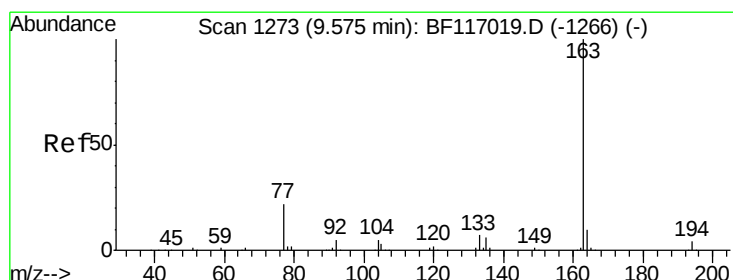
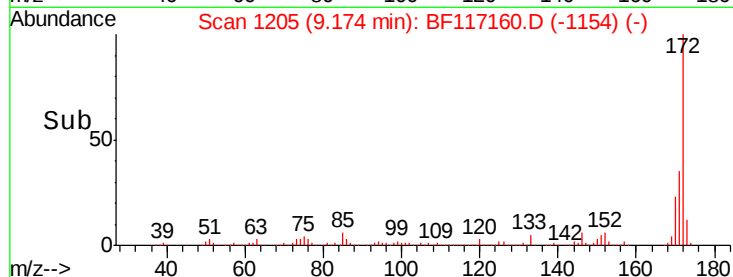
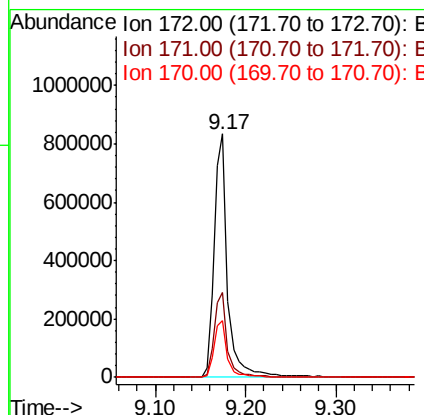
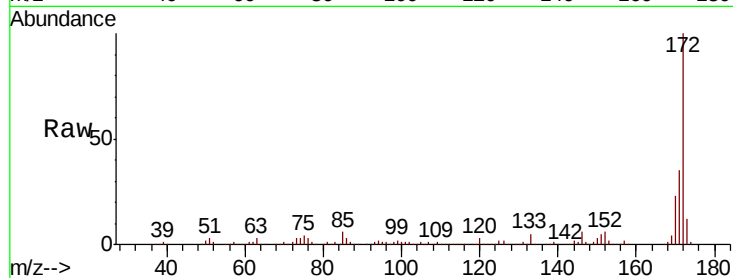
#45
2-Fluorobiphenyl
Concen: 96.395 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.2	18.9	28.3

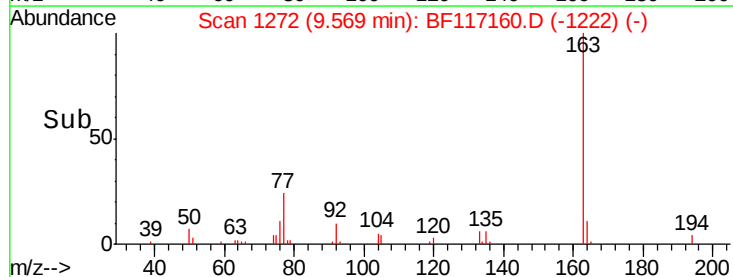
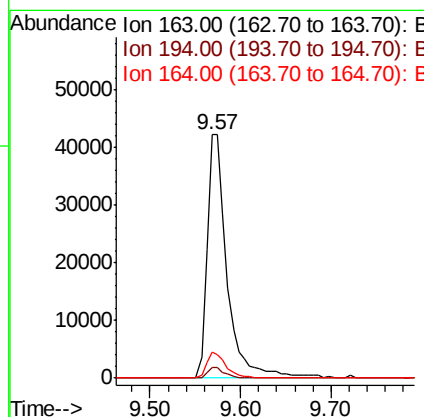
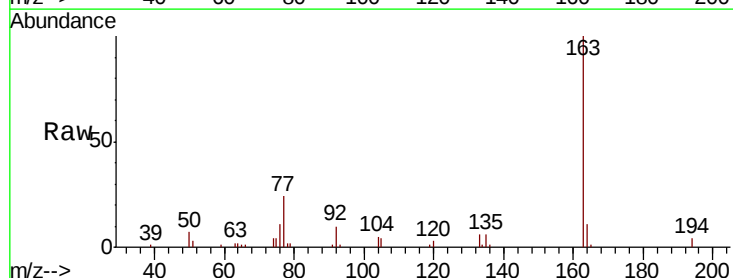
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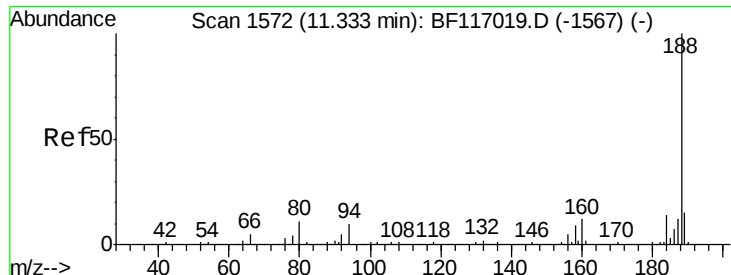
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#50
Dimethylphthalate
Concen: 6.505 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.9	4.3#
164	10.9	8.2	12.4





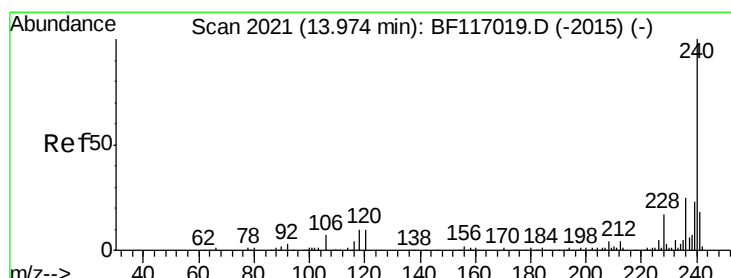
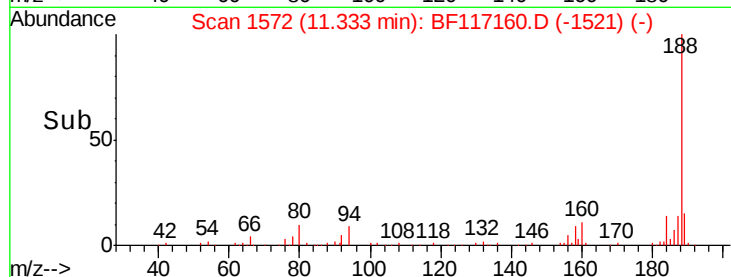
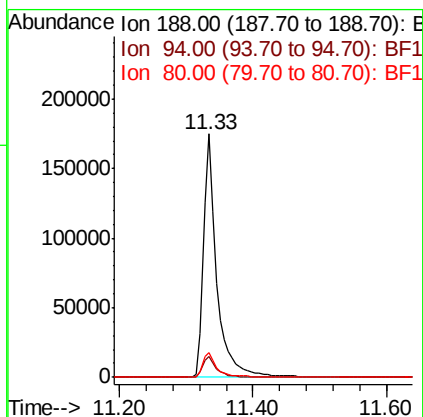
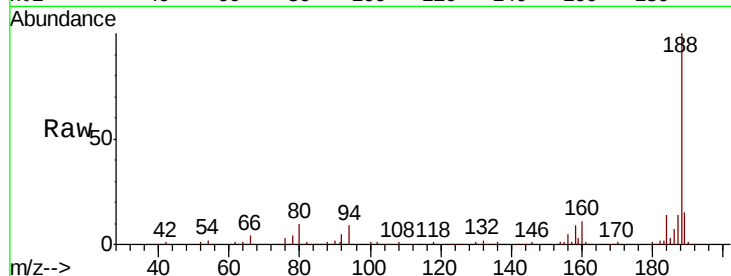
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Resp	Lower	Upper
188	100	238995		
94	8.7		8.2	12.2
80	10.2		9.0	13.6

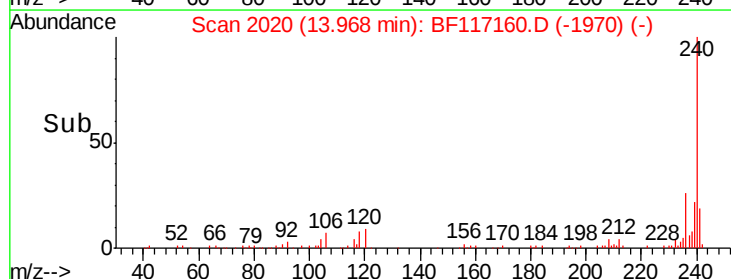
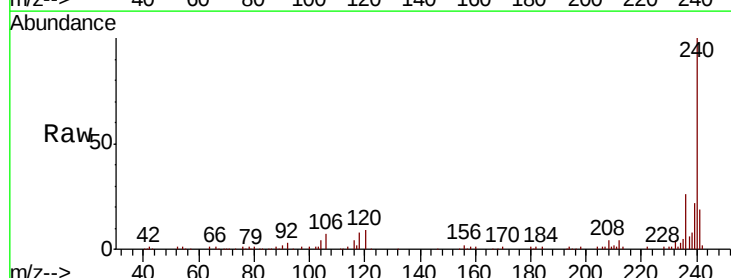
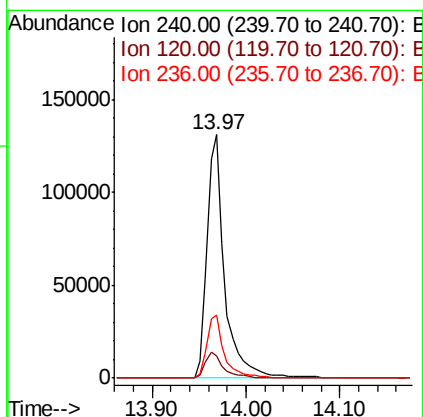
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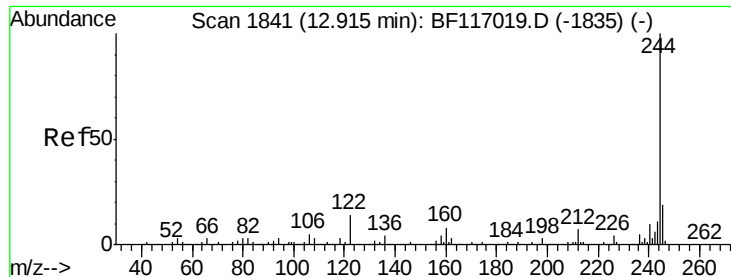
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117160.D
Acq: 18 Sep 2019 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	172213		
120	9.3		8.3	12.5
236	25.8		20.3	30.5





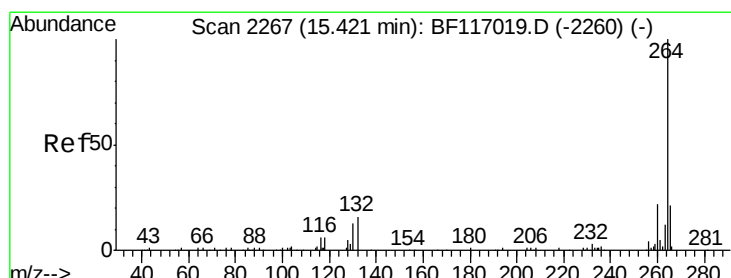
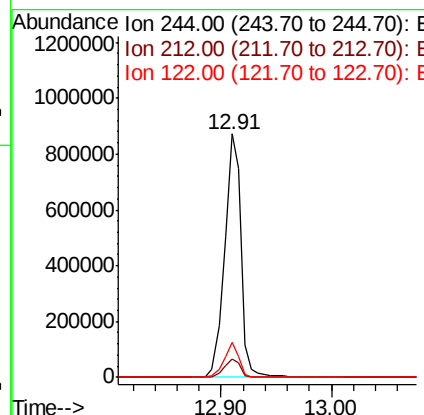
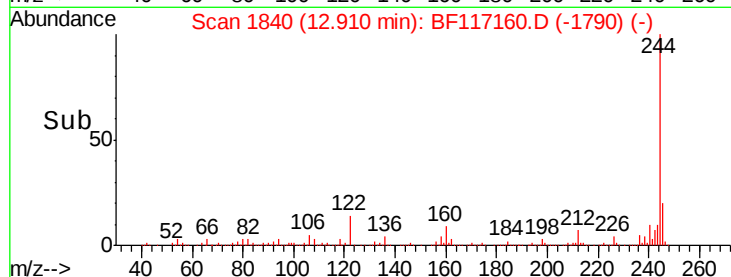
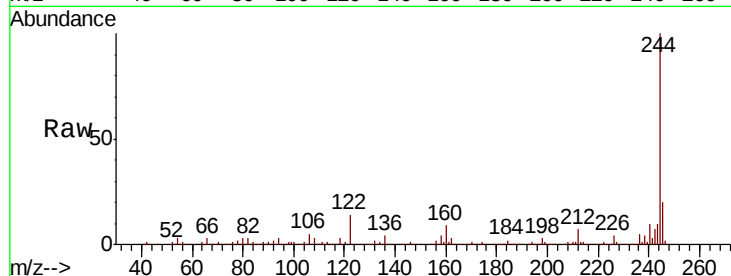
#79
 Terphenyl-d14
 Concen: 97.385 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117160.D
 Acq: 18 Sep 2019 22:14

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.2	11.3	16.9

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117160.D
 Acq: 18 Sep 2019 22:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	21.1	16.6	24.8

