

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121738.D
 Acq On : 29 Sep 2020 18:52
 Operator : JU/CG
 Sample : L4172-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(0-1)

Manual Integrations
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Quant Time: Sep 30 00:50:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124232	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	447997	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	206165	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	377970	20.00	ng	0.00
76) Chrysene-d12	13.94	240	309830	20.00	ng	0.00
86) Perylene-d12	15.40	264	232756	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	147327	17.62	ng	0.00
7) Phenol-d6	6.42	99	183363	16.72	ng	-0.01
23) Nitrobenzene-d5	7.35	82	104697	12.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	38257	14.93	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	204971	15.06	ng	0.00
79) Terphenyl-d14	12.89	244	197754	12.93	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.78	142	53451	3.449	ng	Qvalue 99
38) 1-Methylnaphthalene	8.88	142	37735m	2.616	ng	

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

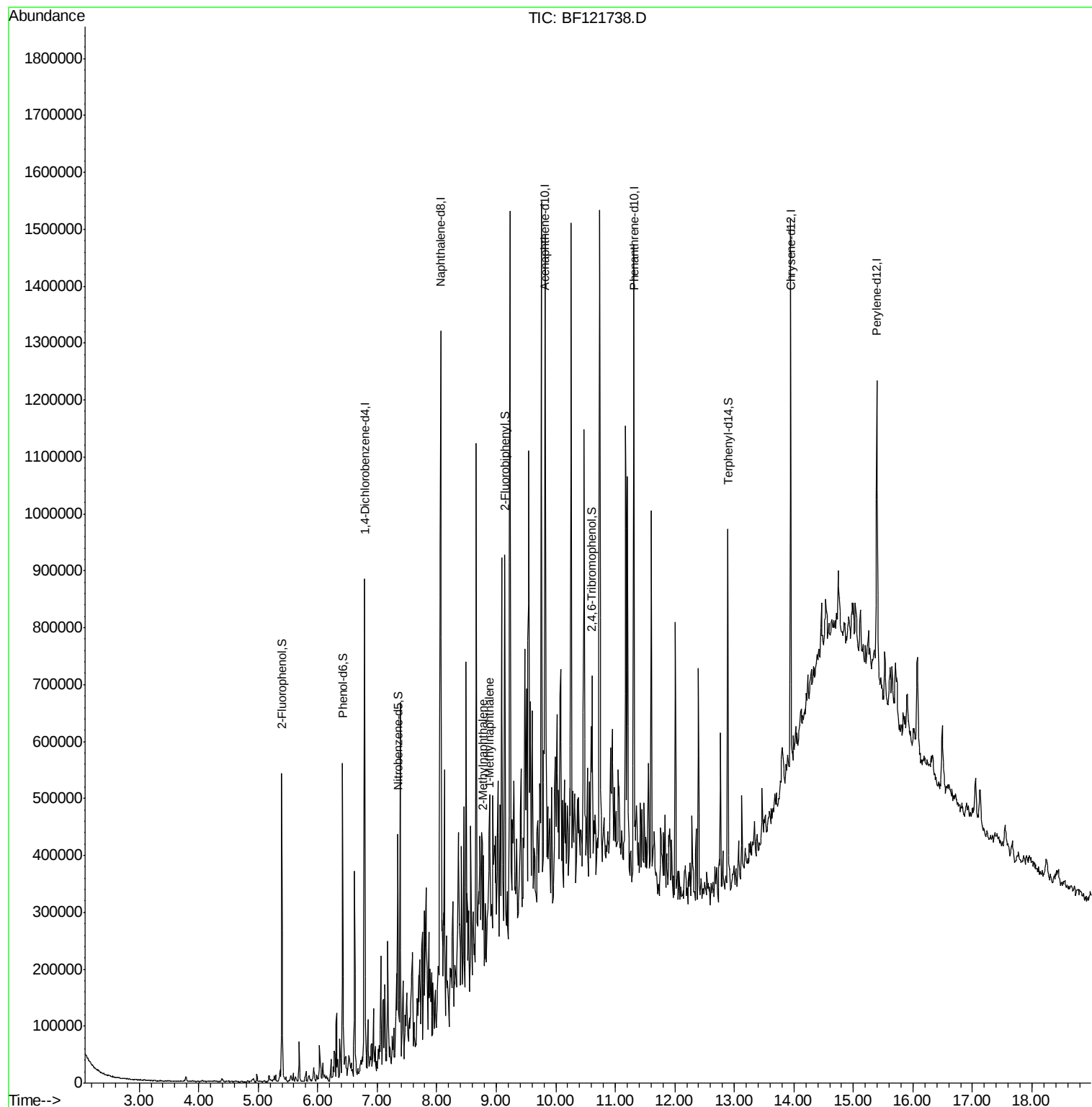
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
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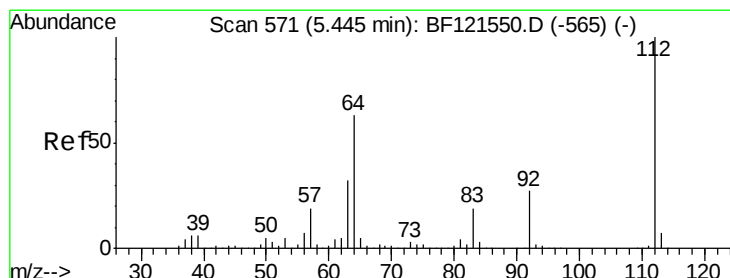
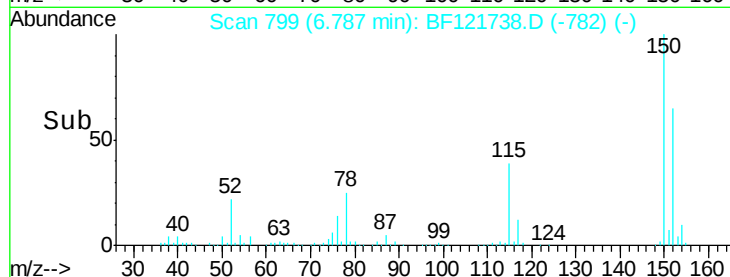
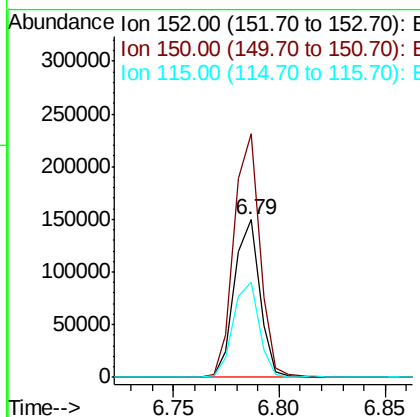
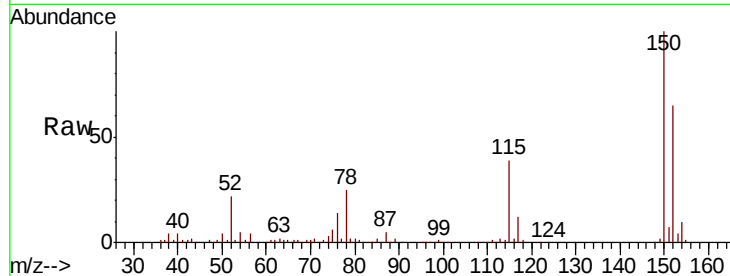
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF121738.D
 Acq: 29 Sep 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :
 B-7(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.8	188.8
115	60.1	49.6	74.4

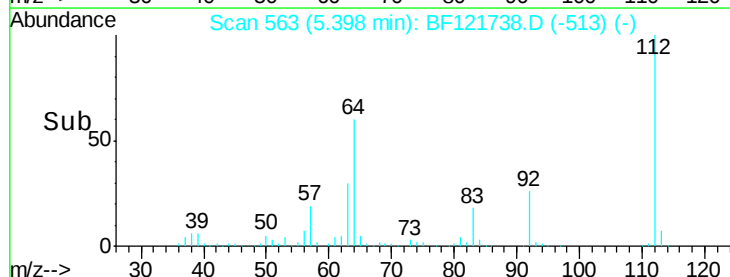
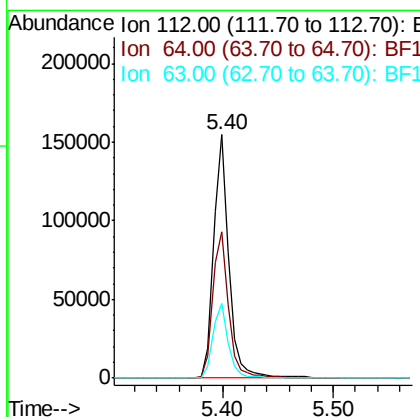
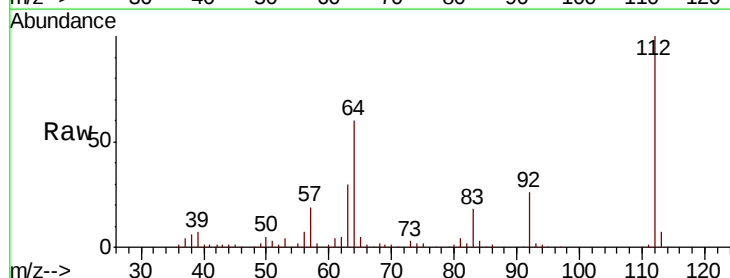
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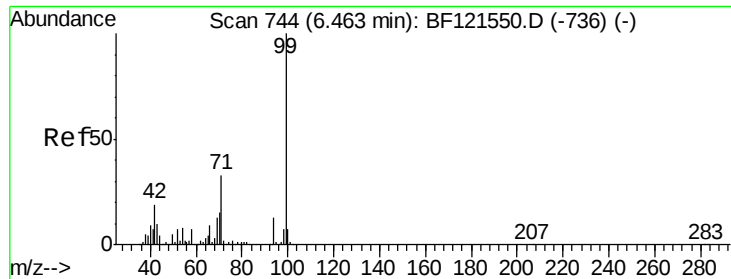
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#5
 2-Fluorophenol
 Concen: 17.624 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF121738.D
 Acq: 29 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	51.2	76.8
63	30.5	25.9	38.9





#7

Phenol-d6

Concen: 16.719 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121738.D

Acq: 29 Sep 2020 18:52

Instrument :

BNA_F

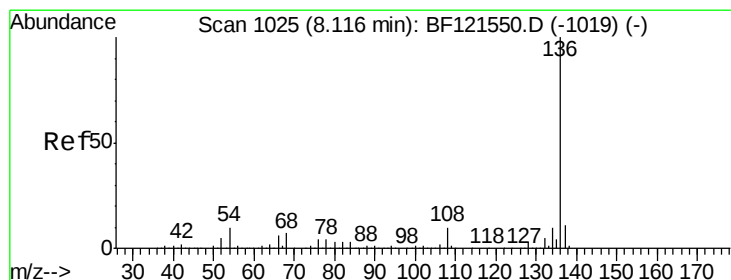
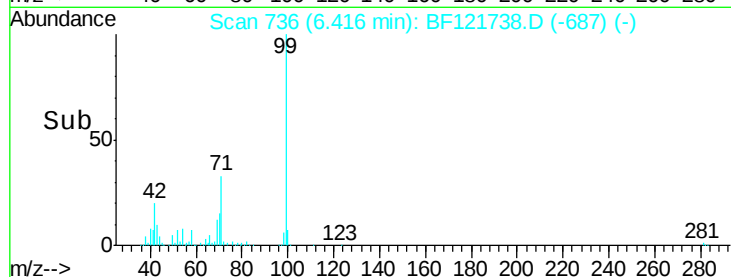
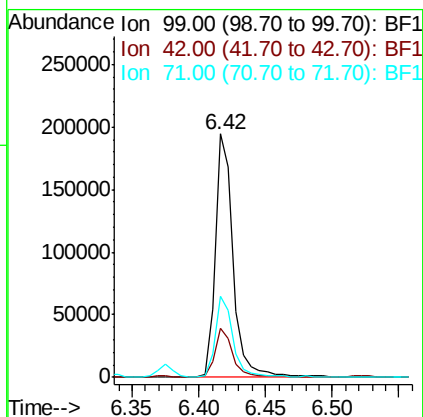
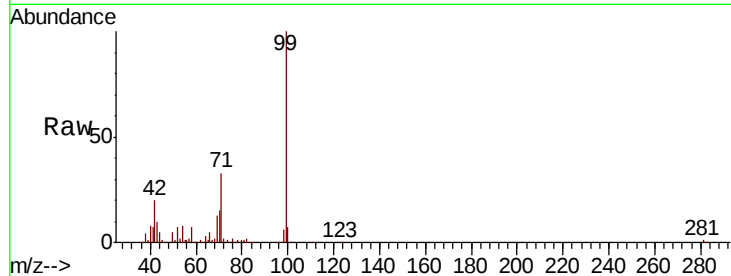
ClientSampled :

B-7(0-1)

Tot Ion:	99	Resp:	183363
Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.5	24.7
71	33.4	27.8	41.6

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#21

Naphthalene-d8

Concen: 20.000 ng

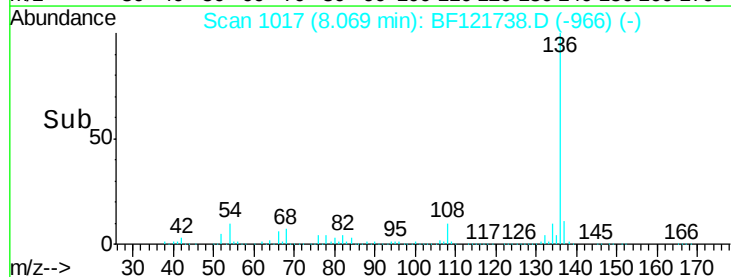
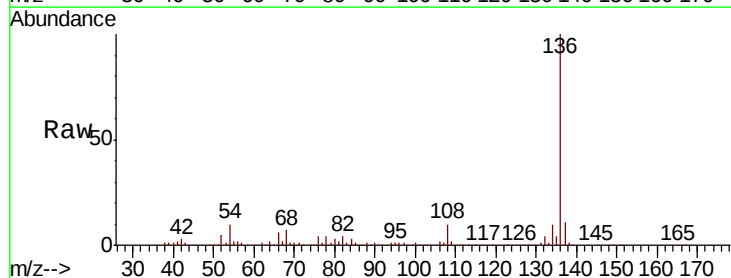
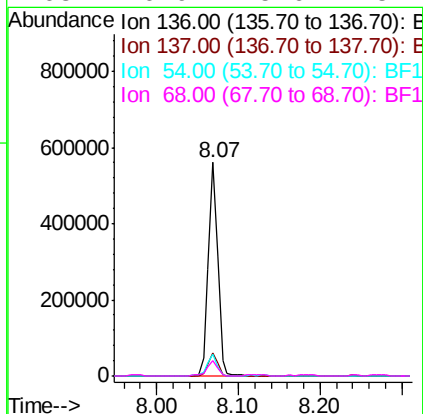
RT: 8.07 min Scan# 1017

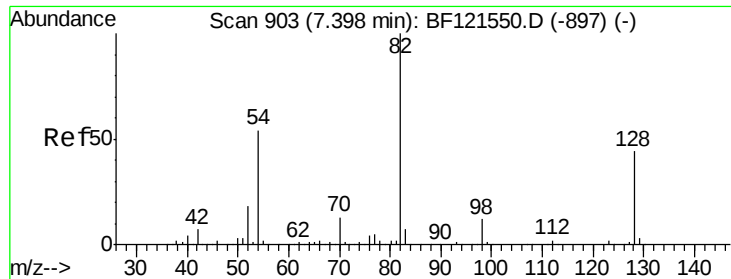
Delta R.T. 0.00 min

Lab File: BF121738.D

Acq: 29 Sep 2020 18:52

Tgt Ion:	136	Resp:	447997
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.9	7.8	11.8
68	6.9	5.6	8.4





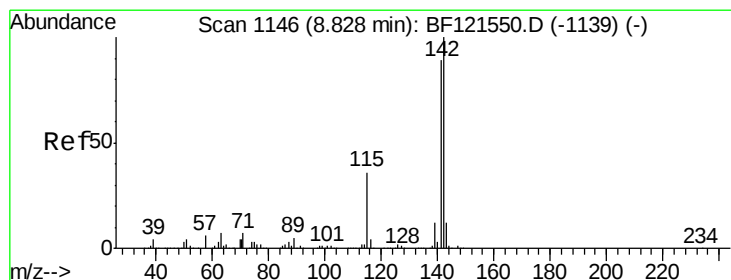
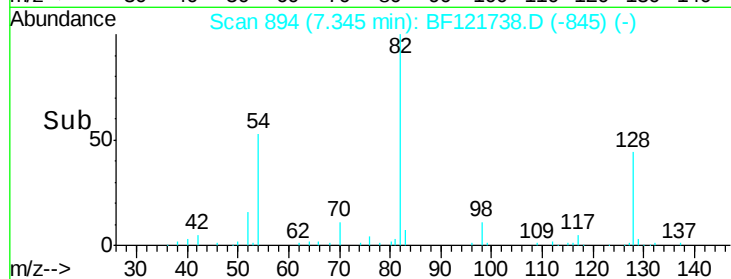
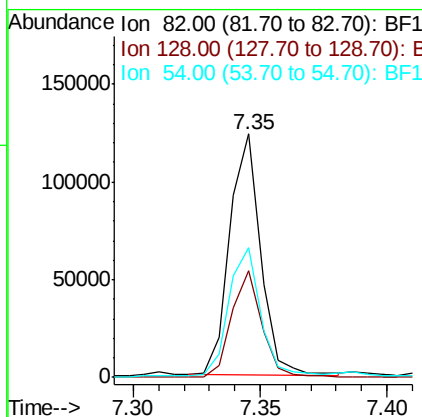
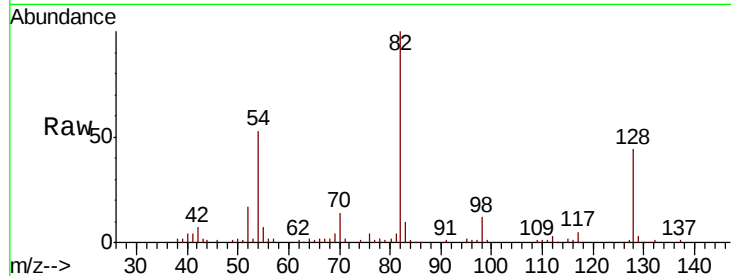
#23
Nitrobenzene-d5
Concen: 12.548 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF121738.D
Acq: 29 Sep 2020 18:52

Instrument :
BNA_F
ClientSampleId :
B-7(0-1)

Tot Ion	82	Resp	104697
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.0	52.4
54	53.4	42.5	63.7

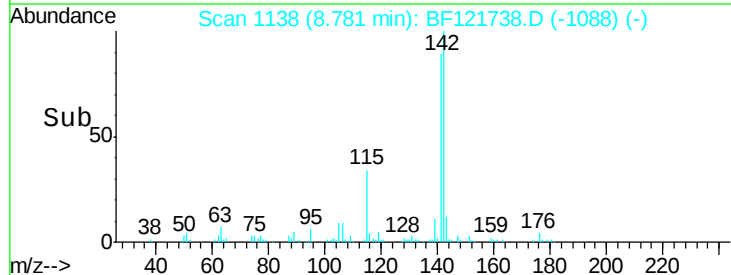
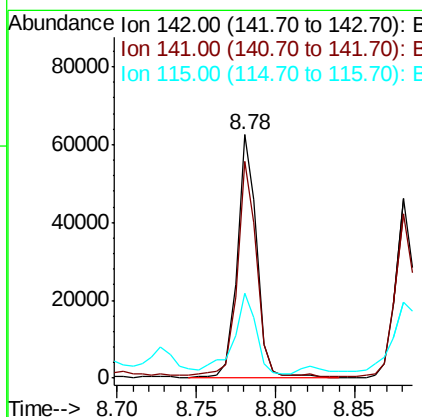
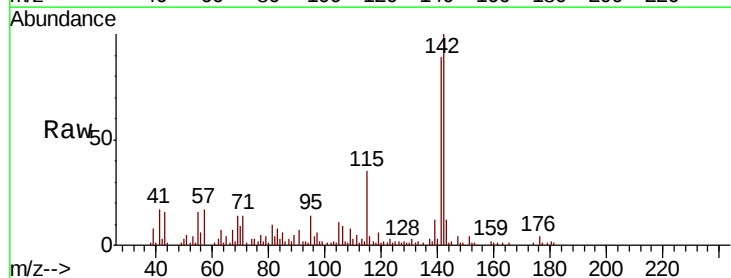
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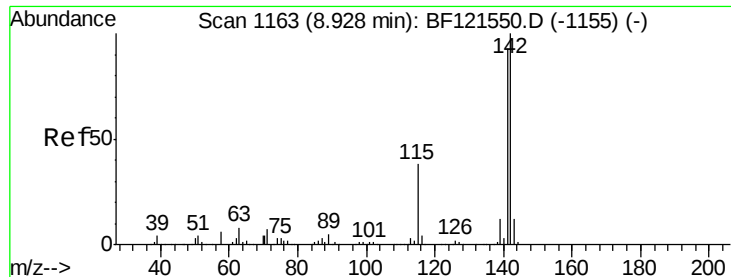
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#37
2-Methylnaphthalene
Concen: 3.449 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF121738.D
Acq: 29 Sep 2020 18:52

Tgt Ion	142	Resp	53451
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.1	105.1
115	34.9	28.0	42.0





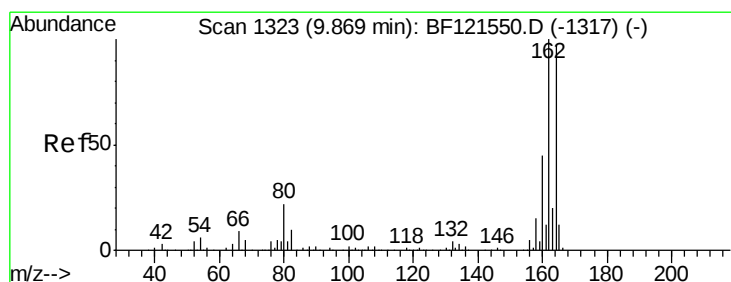
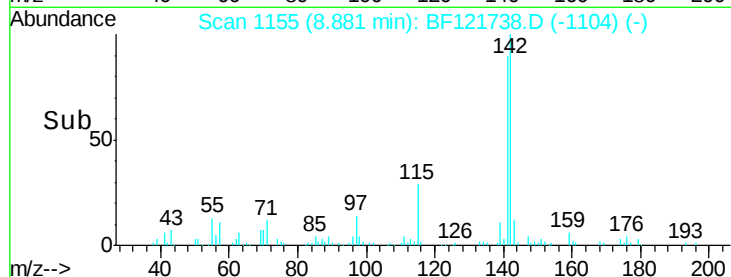
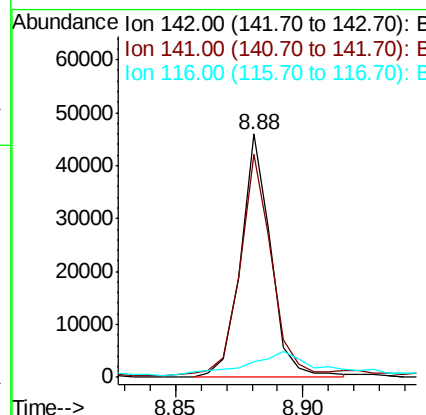
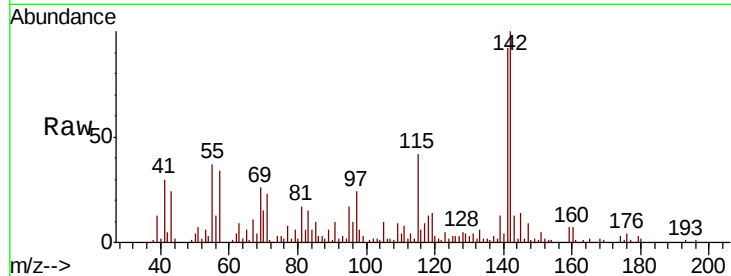
#38
1-Methylnaphthalene
Concen: 2.616 ng m
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF121738.D
Acq: 29 Sep 2020 18:52

Instrument :
BNA_F
ClientSampleId :
B-7(0-1)

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8
116	6.3	3.2	4.8#

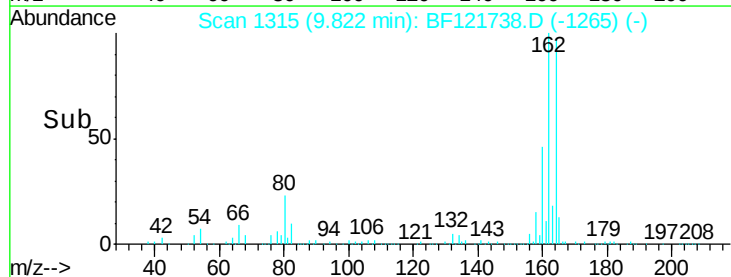
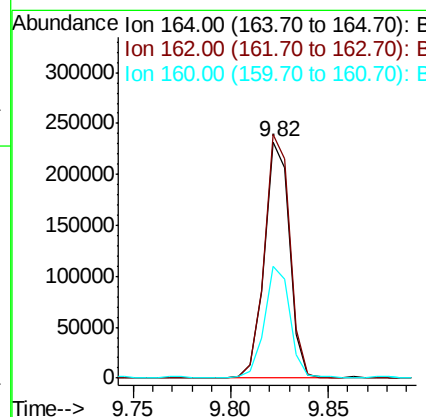
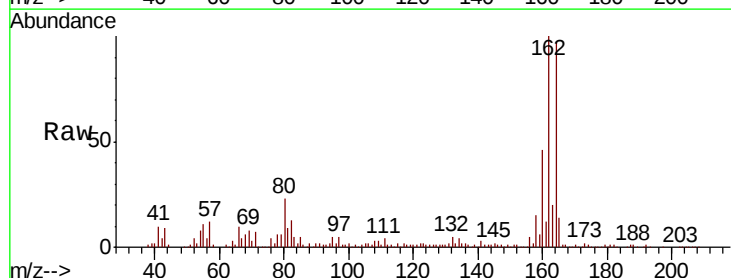
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF121738.D
Acq: 29 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	121.0
160	47.1	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 14.930 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF121738.D

Acq: 29 Sep 2020 18:52

Instrument :

BNA_F

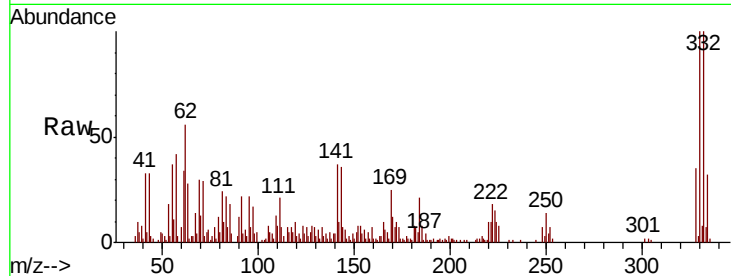
ClientSampleId :

B-7(0-1)

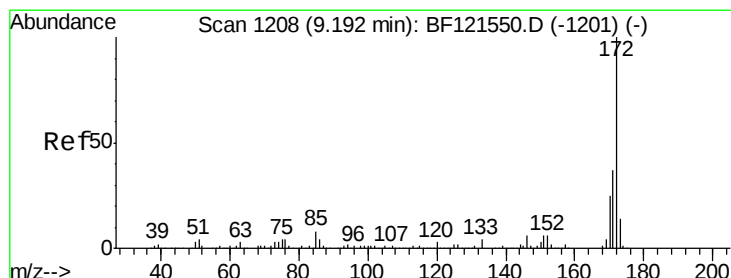
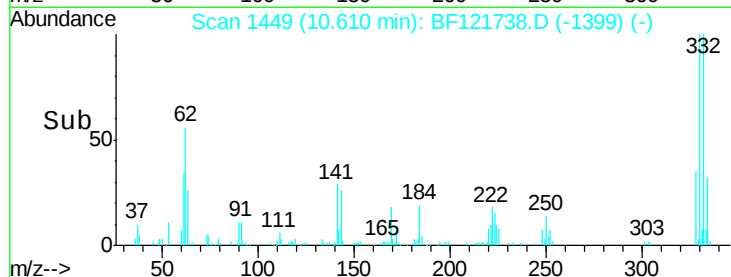
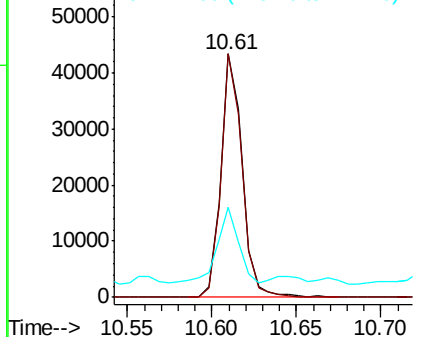
Tot Ion:	330	Resp:	38257
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.6	116.4
141	30.4	22.9	34.3

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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: 15.058 ng

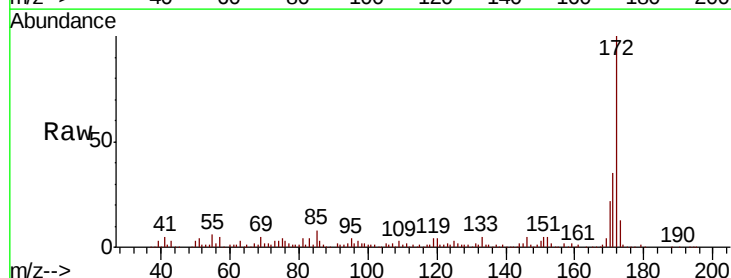
RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

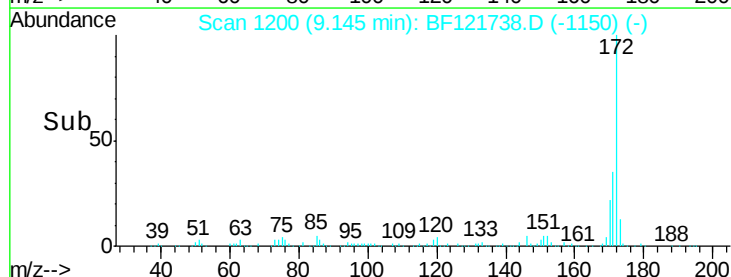
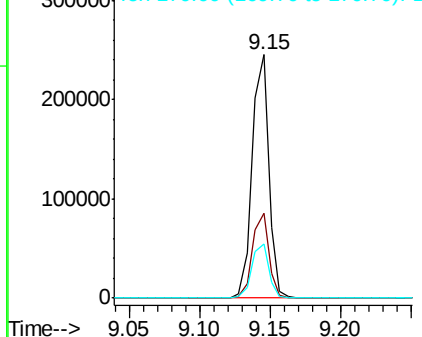
Lab File: BF121738.D

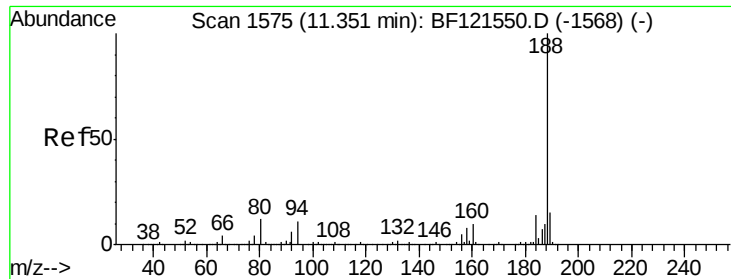
Acq: 29 Sep 2020 18:52

Tgt Ion:	172	Resp:	204971
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.2	43.8
170	22.2	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





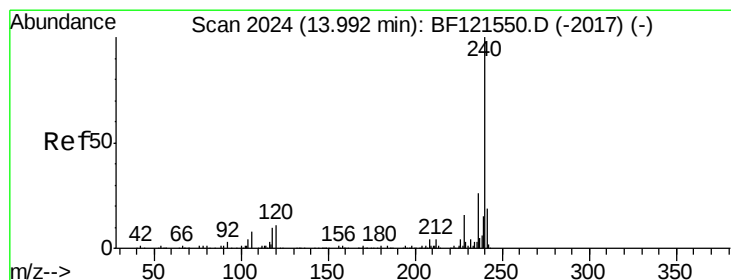
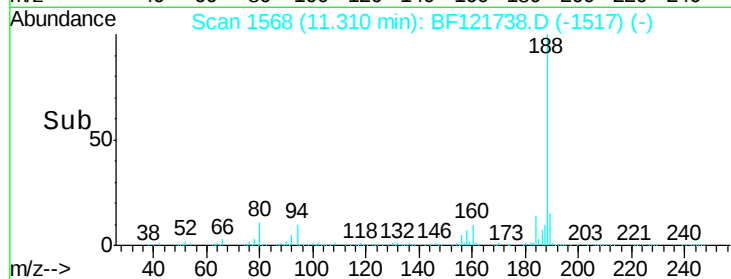
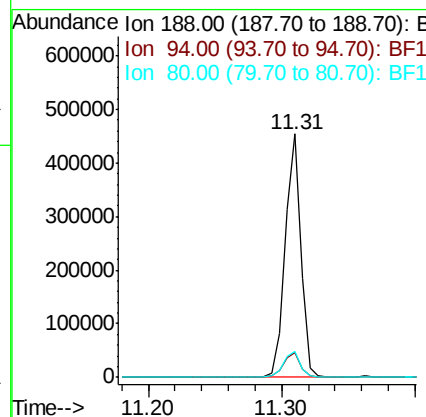
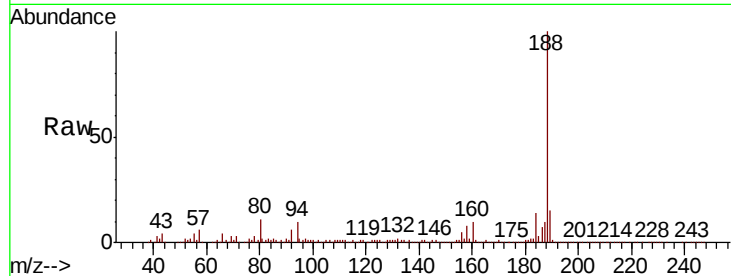
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF121738.D
Acq: 29 Sep 2020 18:52

Instrument :
BNA_F
ClientSampleId :
B-7(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	377970		
94	10.0		8.2	12.2
80	10.9		8.9	13.3

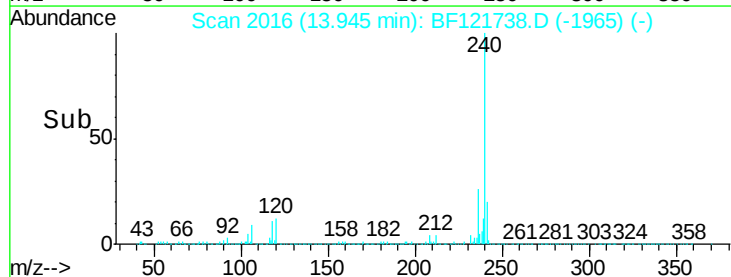
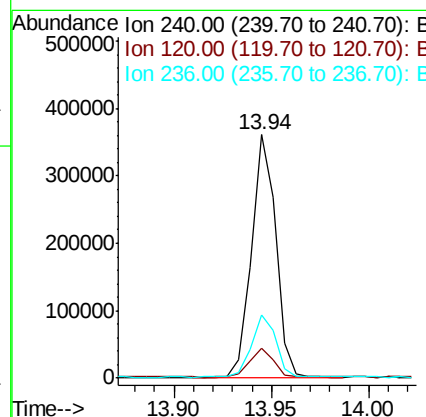
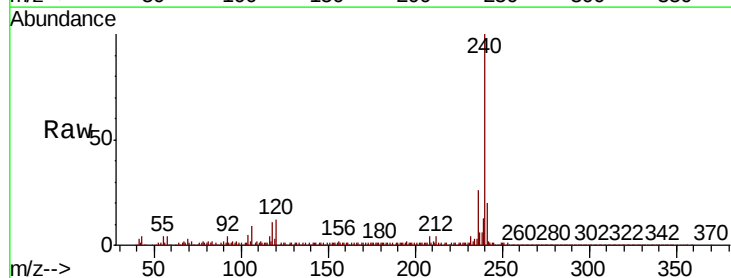
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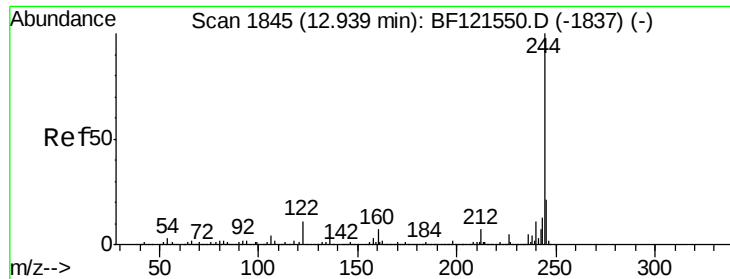
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF121738.D
Acq: 29 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309830		
120	12.5		10.2	15.4
236	26.0		20.4	30.6





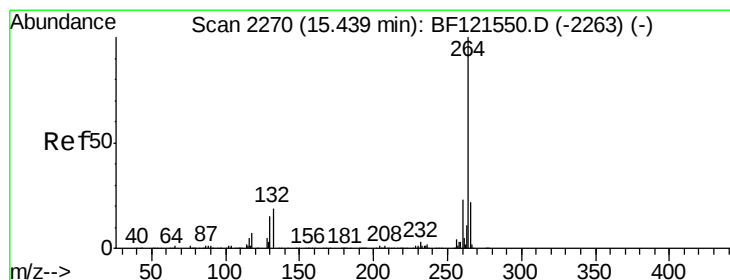
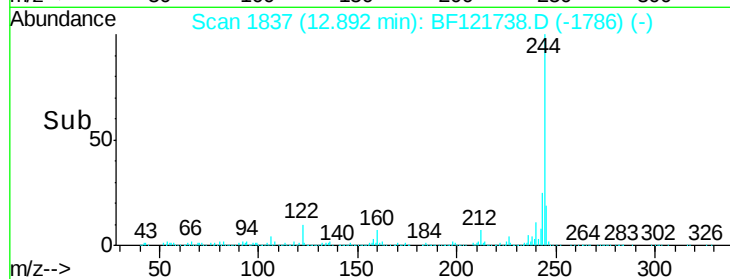
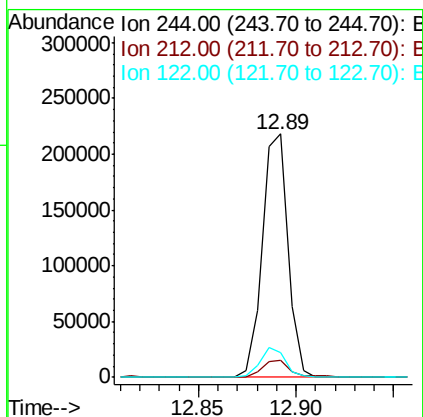
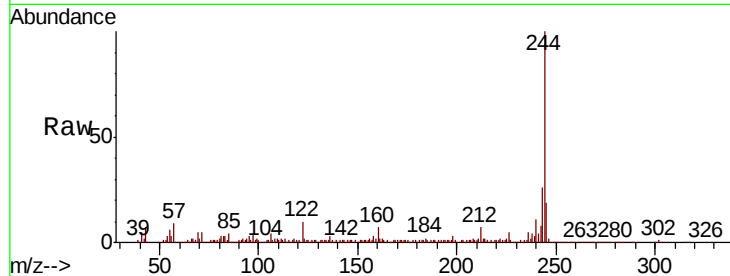
#79
 Terphenyl-d14
 Concen: 12.931 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BF121738.D
 Acq: 29 Sep 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :
 B-7(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.1	9.0	13.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: BF121738.D
 Acq: 29 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.8	17.3	25.9

