

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116118.D
 Acq On : 9 Aug 2019 17:56
 Operator : HP/JU
 Sample : K4244-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-2

Manual Integrations
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Sohil
 8/13/2019 7:17:57 AM

Quant Time: Aug 10 04:57:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122915	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	468043	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	248196	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	440514	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	343602	20.00	ng	-0.01
87) Perylene-d12	15.47	264	335951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	900389	122.63	ng	0.01
7) Phenol-d6	6.48	99	1083974	117.01	ng	0.00
23) Nitrobenzene-d5	7.40	82	835838	103.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	351017	145.87	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1409787	106.39	ng	-0.01
79) Terphenyl-d14	12.95	244	1575973	96.65	ng	0.00

Target Compounds Qvalue

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

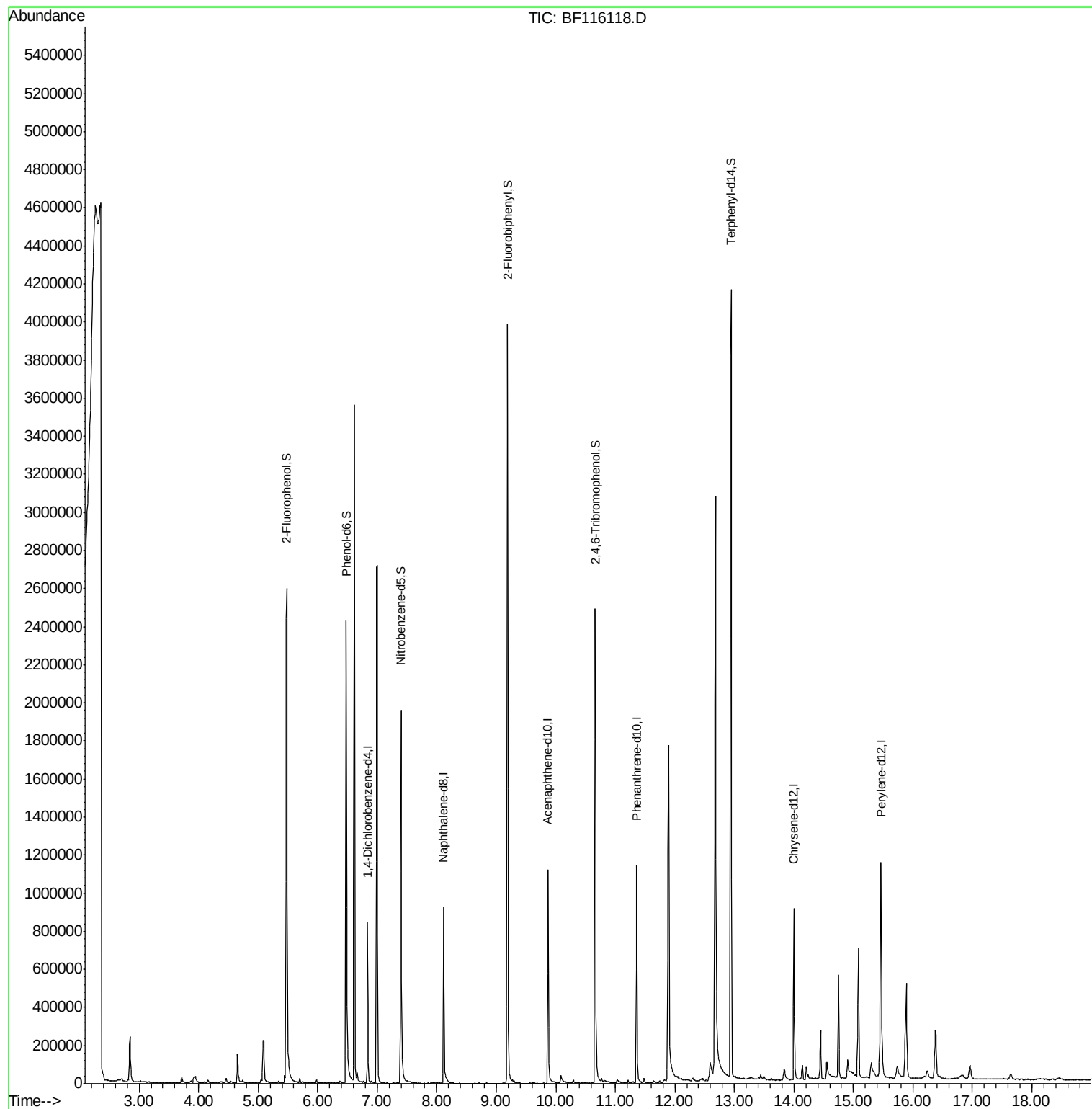
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
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Sample : K4244-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

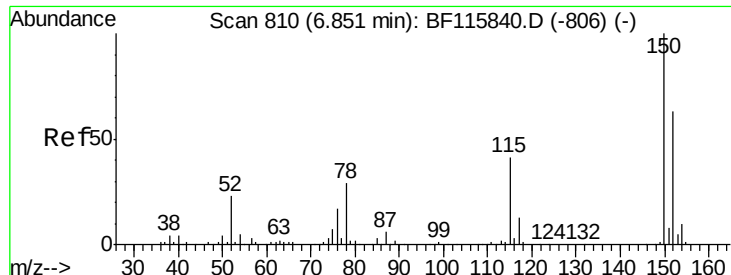
Instrument :
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#1

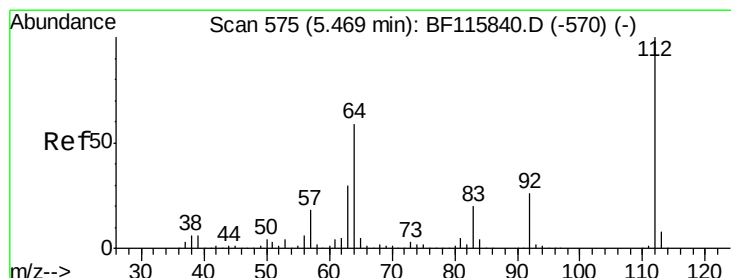
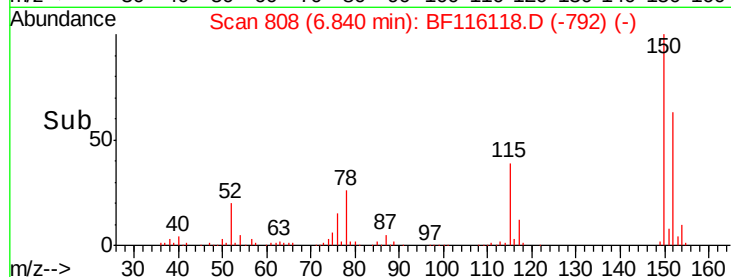
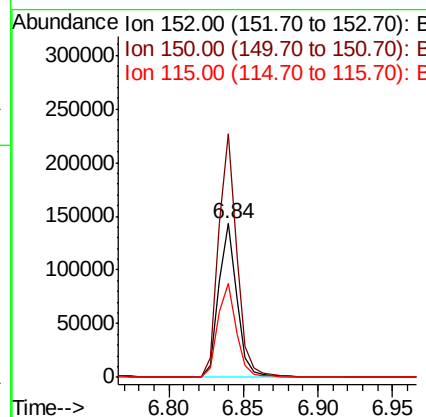
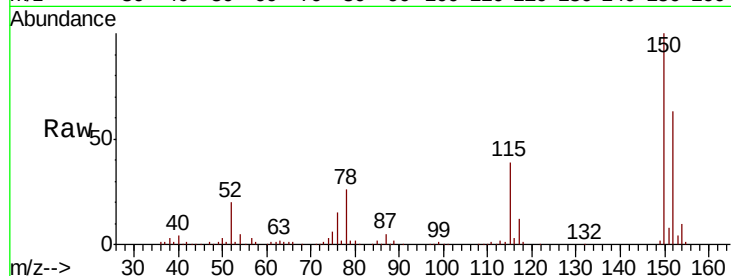
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116118.D
Acq: 9 Aug 2019 17:56

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	61.3	49.9	74.9

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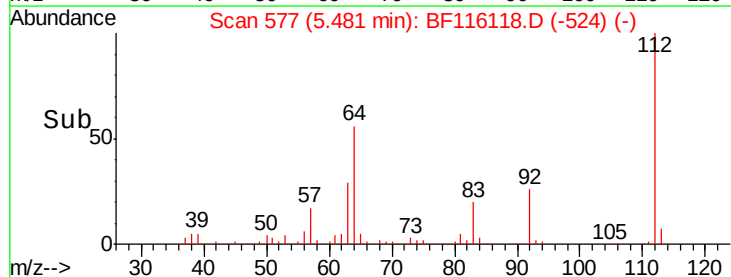
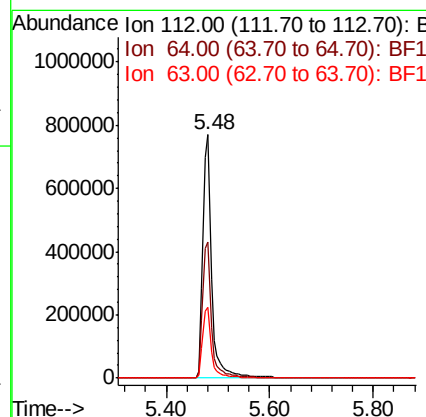
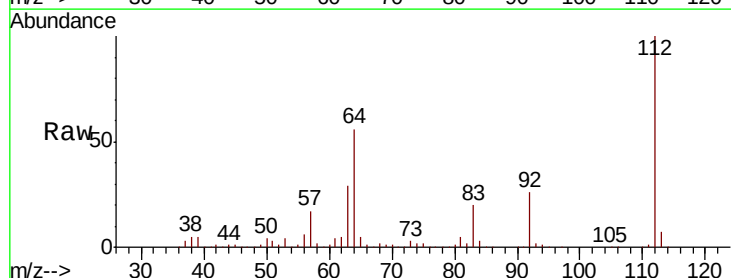
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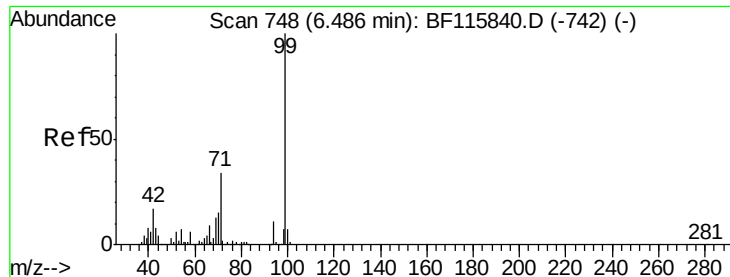


#5

2-Fluorophenol
Concen: 122.630 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116118.D
Acq: 9 Aug 2019 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.4	68.2
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 117.014 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116118.D

Acq: 9 Aug 2019 17:56

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-2

Tot Ion: 99 Resp: 1083974

Ion Ratio Lower Upper

99 100

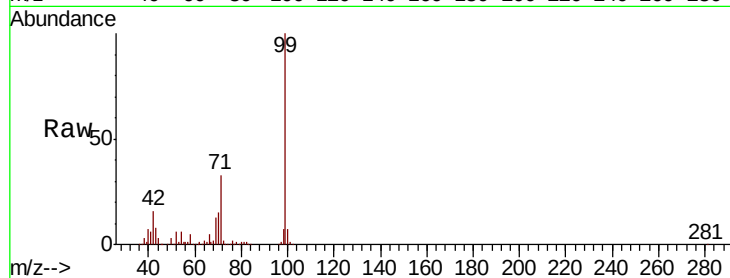
42 16.2 13.8 20.8

71 33.1 27.3 40.9

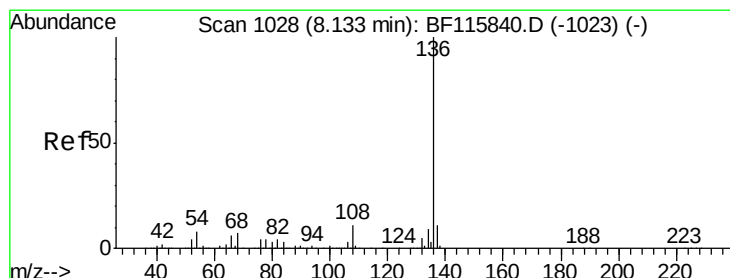
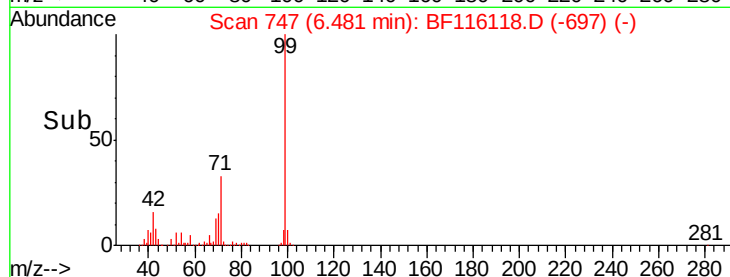
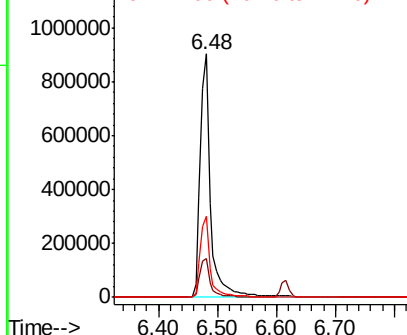
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116118.D

Acq: 9 Aug 2019 17:56

Tgt Ion: 136 Resp: 468043

Ion Ratio Lower Upper

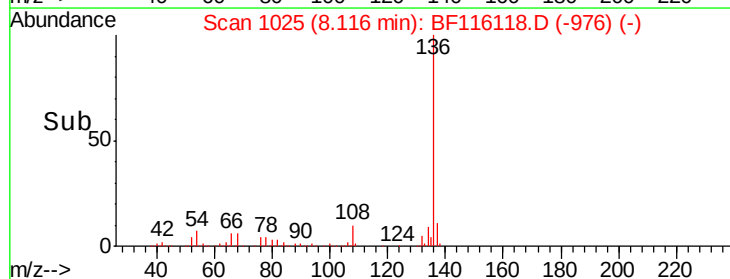
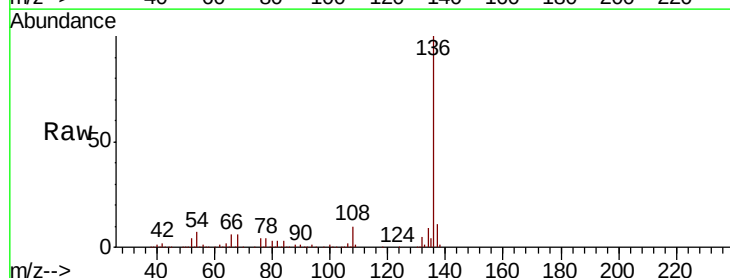
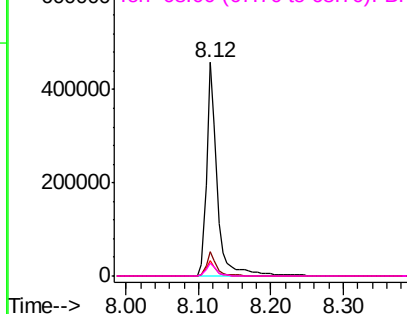
136 100

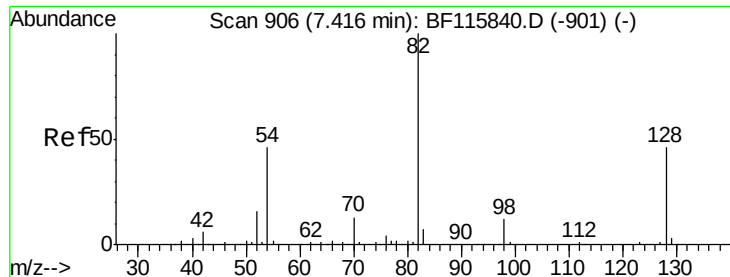
137 11.5 9.0 13.4

54 7.0 5.8 8.6

68 6.2 5.2 7.8

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 103.083 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116118.D

Acq: 9 Aug 2019 17:56

Instrument :

BNA_F

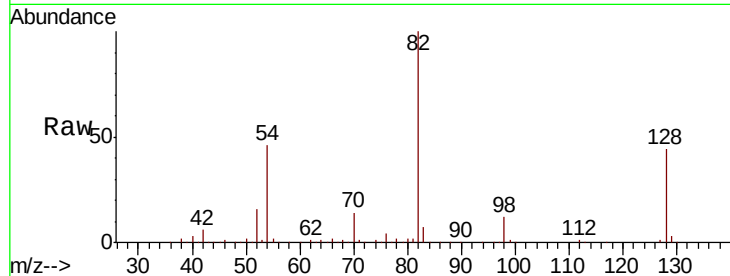
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BERGEN-SP-2

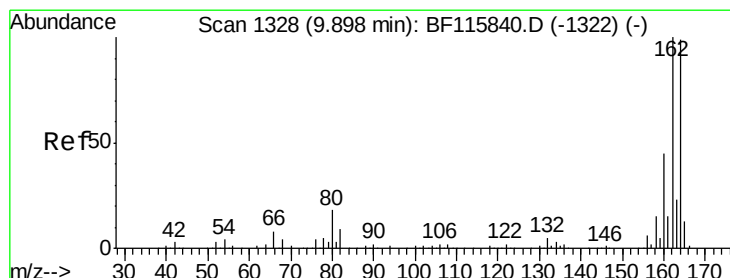
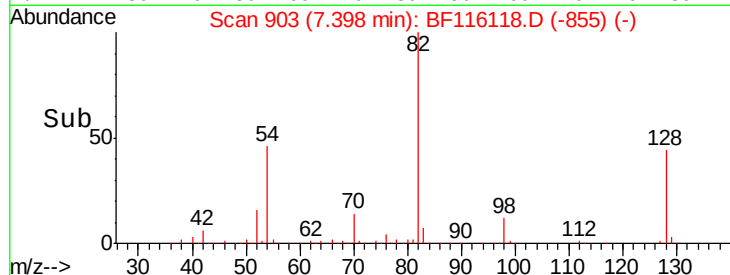
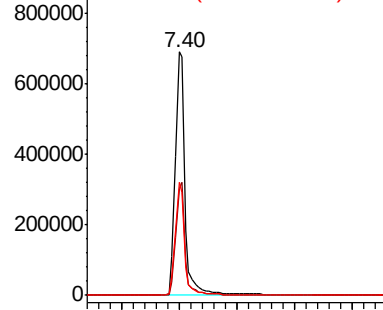
Tot Ion:	82	Resp:	835838
Ion Ratio	Lower	Upper	
82	100		
128	43.8	36.5	54.7
54	46.5	36.0	54.0

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

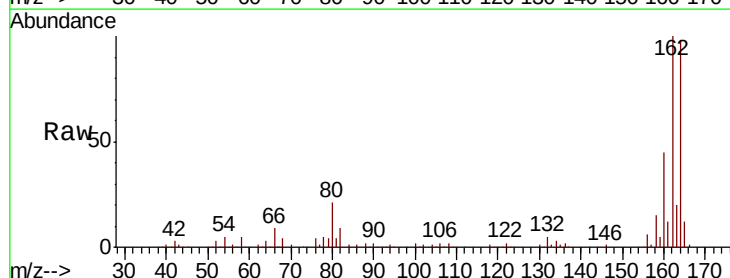
RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

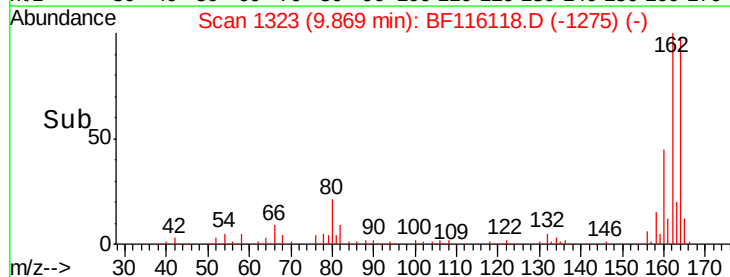
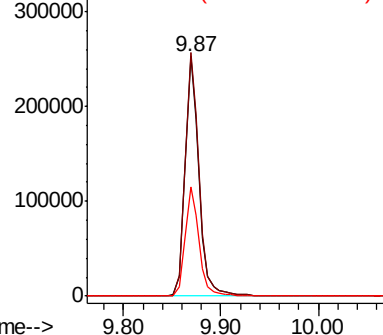
Lab File: BF116118.D

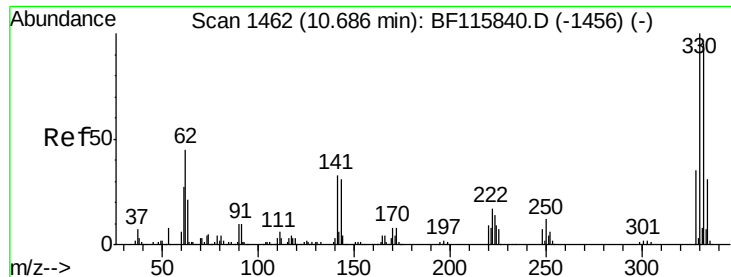
Acq: 9 Aug 2019 17:56

Tgt Ion:	164	Resp:	248196
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.6	124.0
160	45.6	37.6	56.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





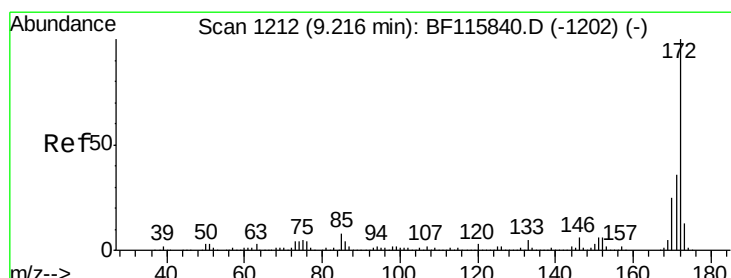
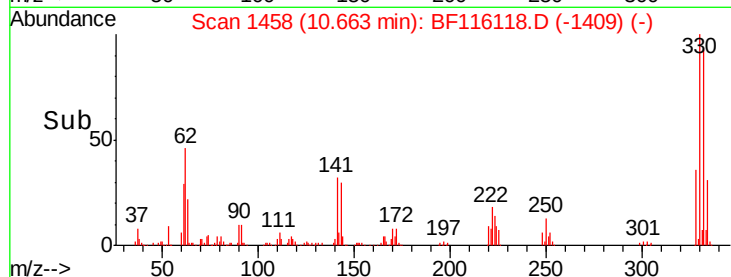
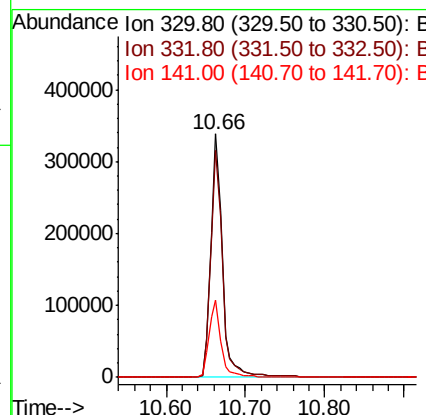
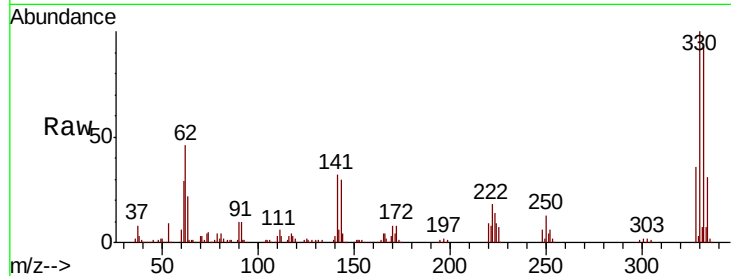
#42
 2,4,6-Tribromophenol
 Concen: 145.872 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116118.D
 Acq: 9 Aug 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	351017		
332	95.4	76.8	115.2	
141	33.3	26.3	39.5	

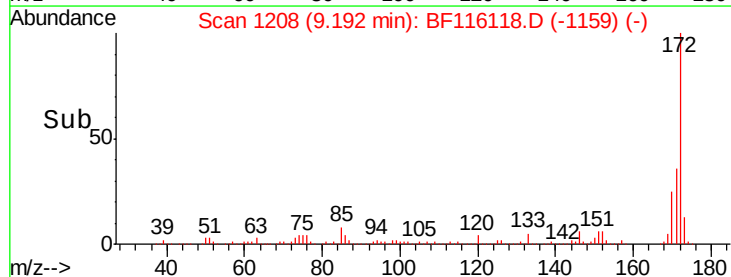
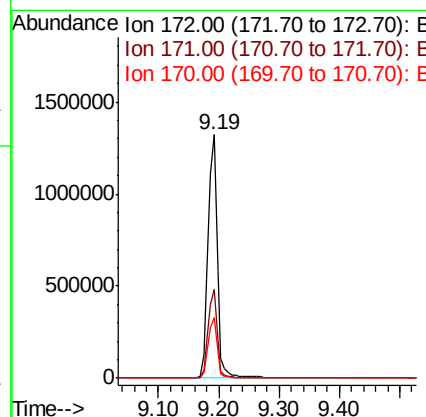
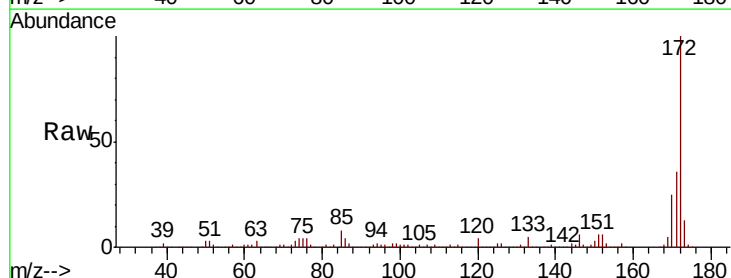
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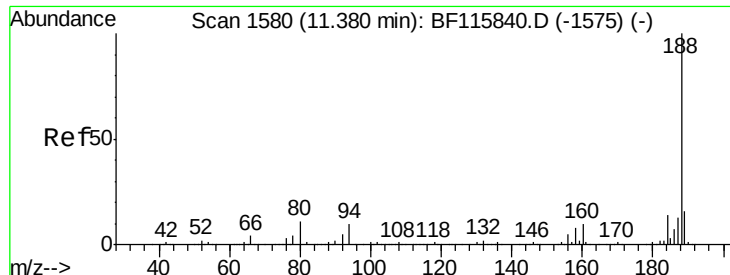
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#45
 2-Fluorobiphenyl
 Concen: 106.393 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116118.D
 Acq: 9 Aug 2019 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1409787		
171	36.2	29.6	44.4	
170	25.0	20.1	30.1	





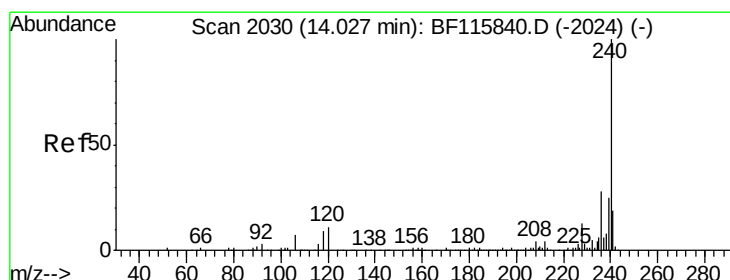
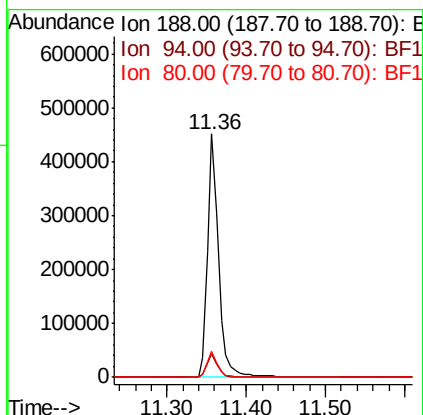
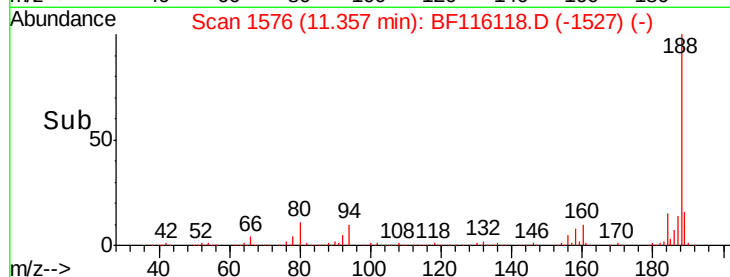
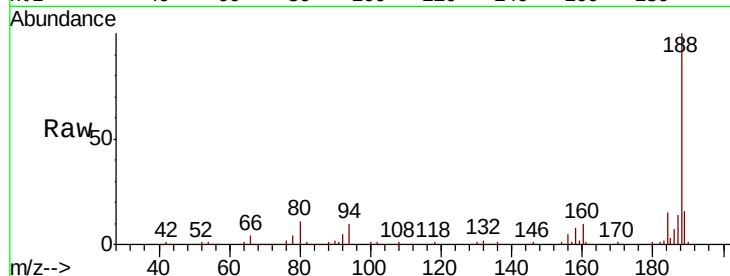
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116118.D
Acq: 9 Aug 2019 17:56

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	440514		
94	9.9		8.1	12.1
80	10.9		8.7	13.1

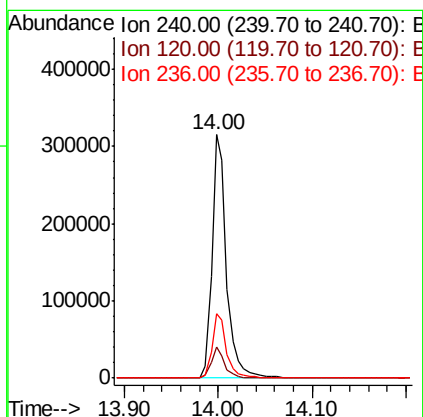
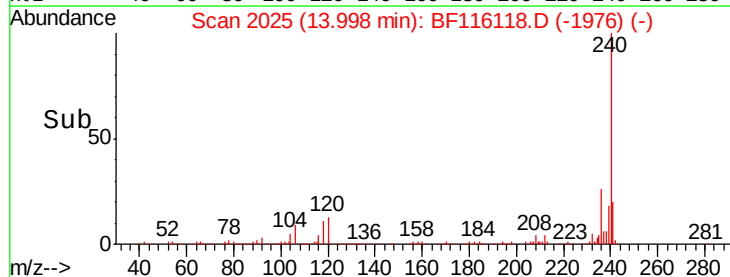
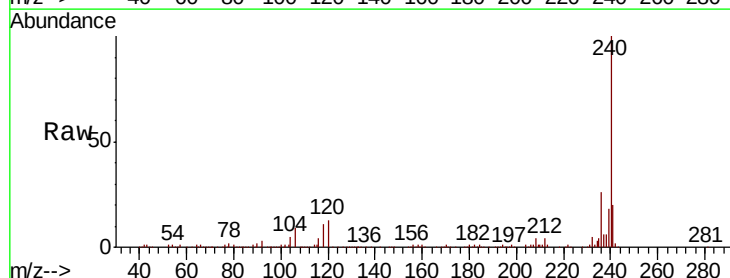
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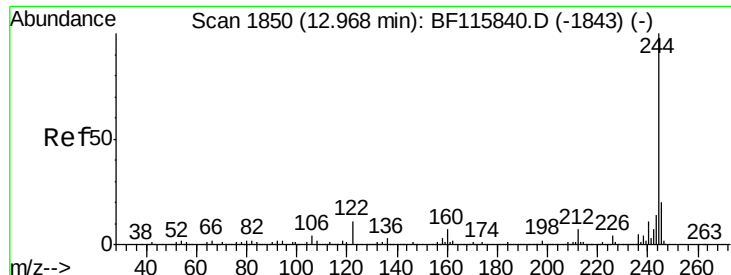
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116118.D
Acq: 9 Aug 2019 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	343602		
120	12.8		10.7	16.1
236	26.4		22.2	33.2





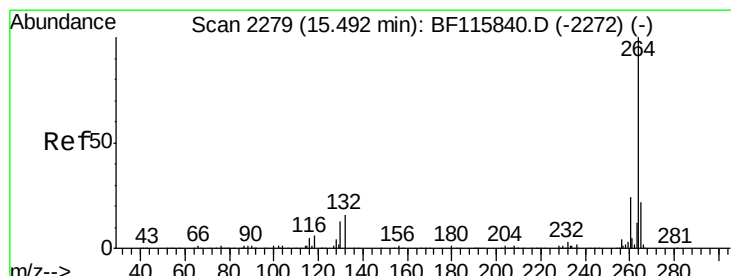
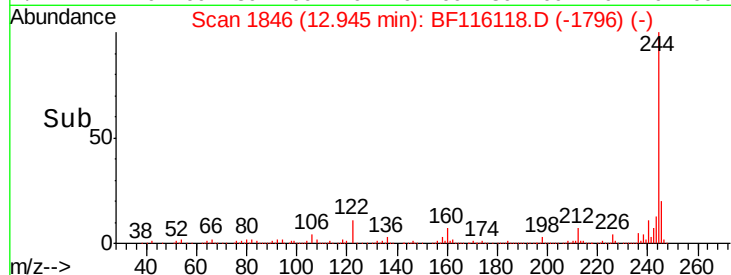
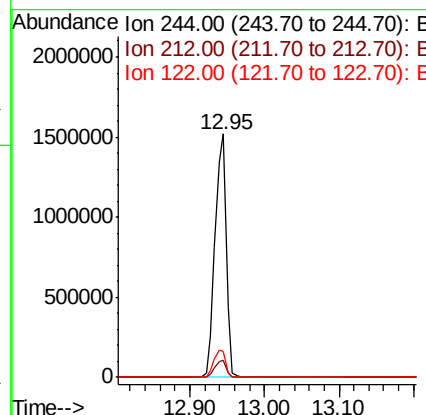
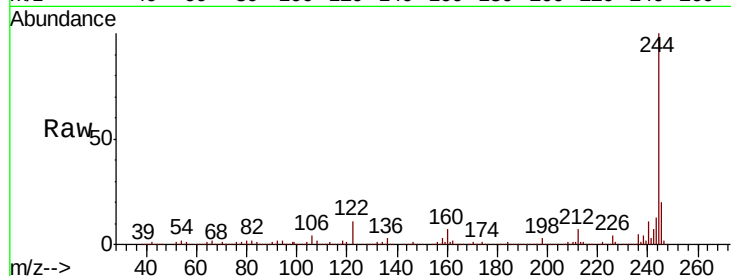
#79
 Terphenyl-d14
 Concen: 96.648 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116118.D
 Acq: 9 Aug 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.7	9.0	13.4

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116118.D
 Acq: 9 Aug 2019 17:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.7	17.4	26.0

