

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114315.D
 Acq On : 16 May 2019 18:00
 Operator : JU/SJ
 Sample : K2644-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-B

Manual Integrations
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Quant Time: May 17 08:38:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	230528	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	892898	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	426246	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	862136	20.00	ng	0.00
76) Chrysene-d12	14.02	240	508859	20.00	ng	0.00
87) Perylene-d12	15.50	264	536878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1408879	98.35	ng	0.02
7) Phenol-d6	6.50	99	1664174	98.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	1301021	81.77	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	492311	111.72	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2182579	77.46	ng	0.00
79) Terphenyl-d14	12.96	244	2066704	83.72	ng	0.00
Target Compounds						
32) Benzoic acid	7.98	122	3283m	7.339	ng	Qvalue

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

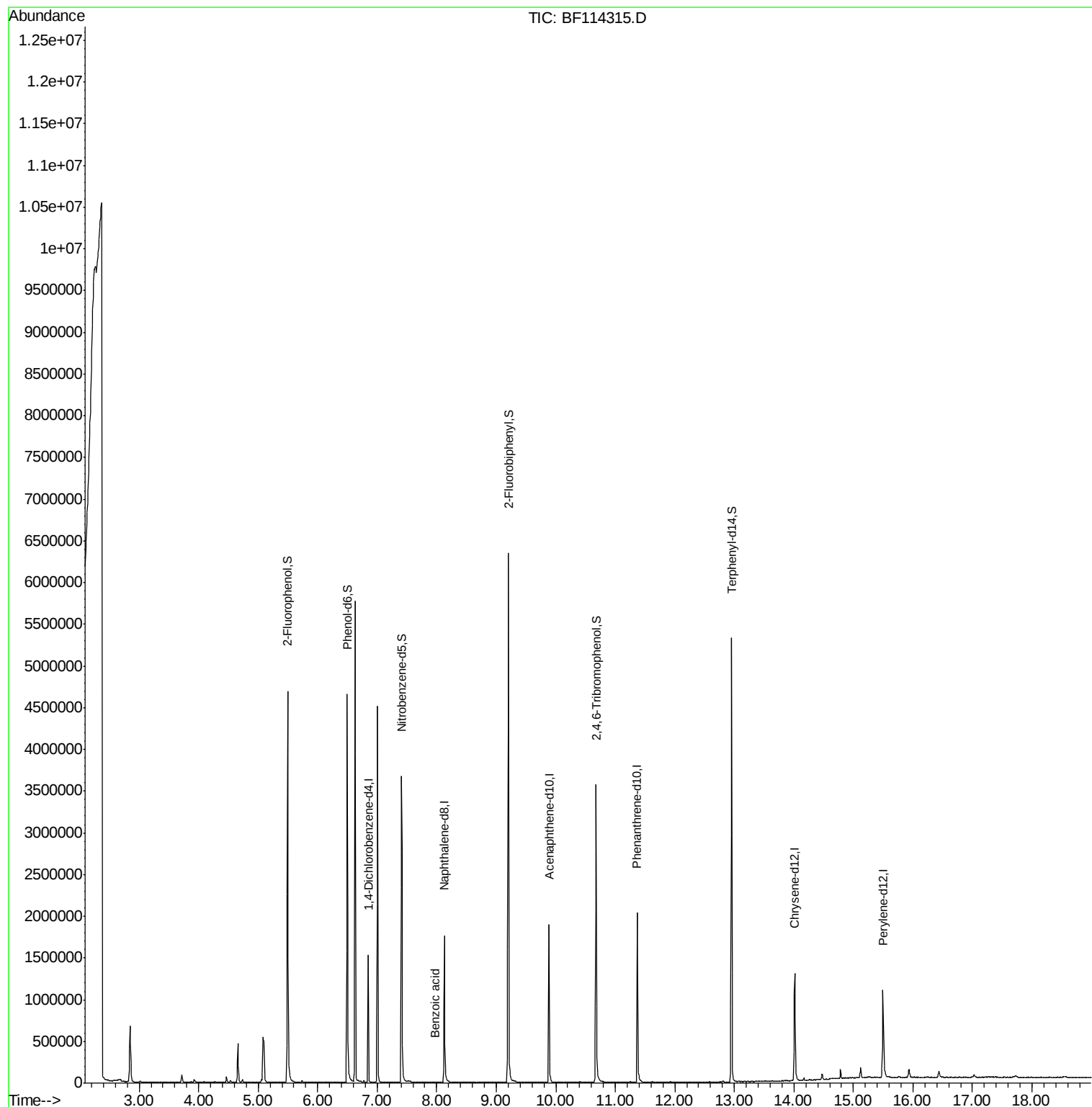
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114315.D
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ALS Vial : 14 Sample Multiplier: 1

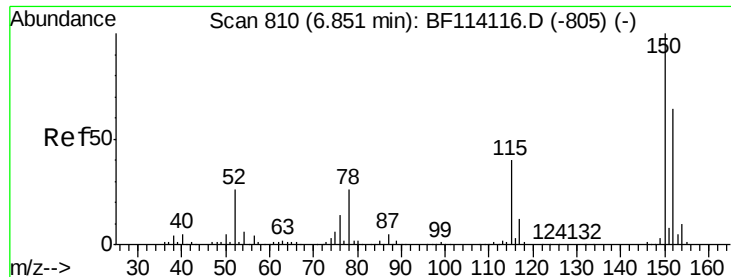
Instrument :
BNA_F
ClientSampleId :
EO-01-051519-B

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Quant Time: May 17 08:38:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

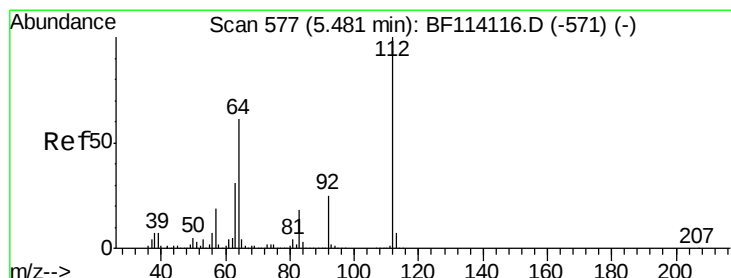
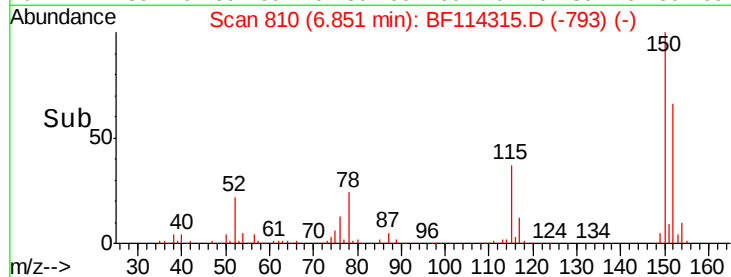
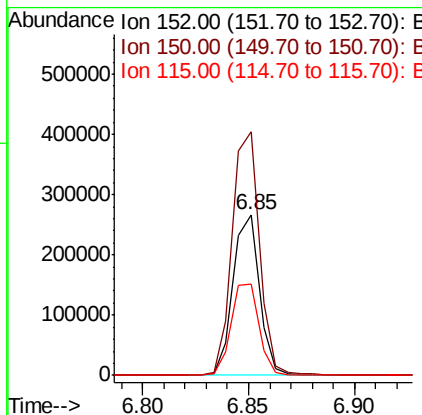
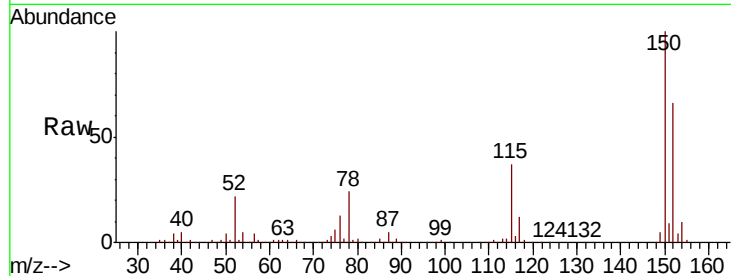
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
EO-01-051519-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.3	186.5
115	56.8	49.1	73.7

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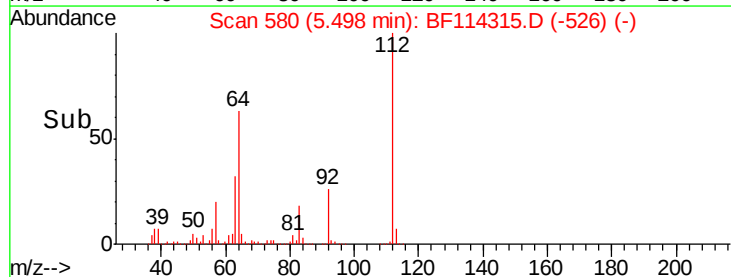
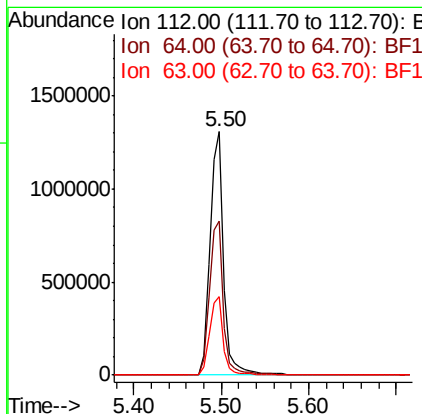
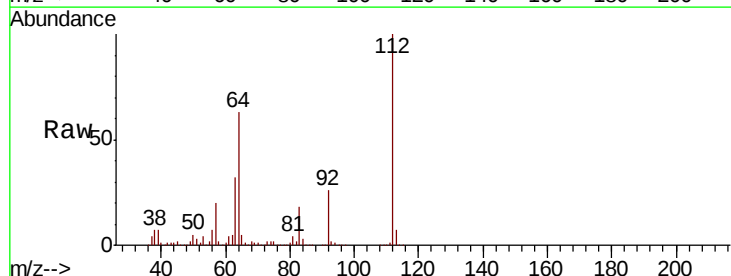
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#5

2-Fluorophenol
Concen: 98.351 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.0	73.6
63	32.1	24.6	37.0





#7

Phenol-d6

Concen: 98.224 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-B

Tot Ion: 99 Resp: 1664174

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

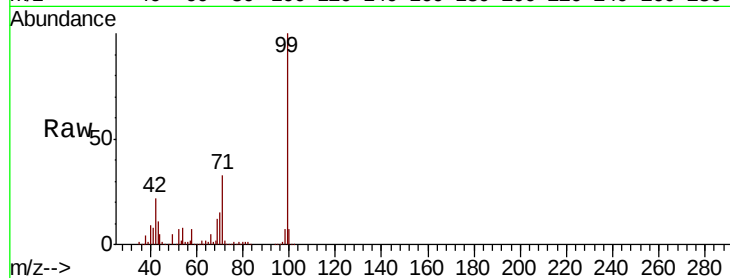
71 32.6 26.2 39.2

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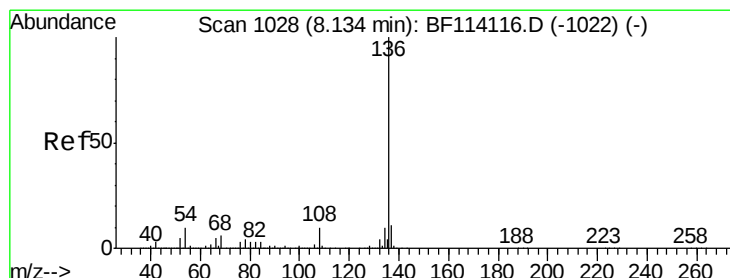
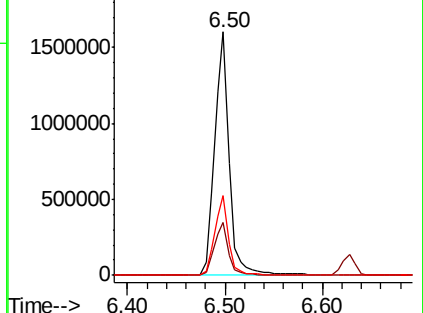
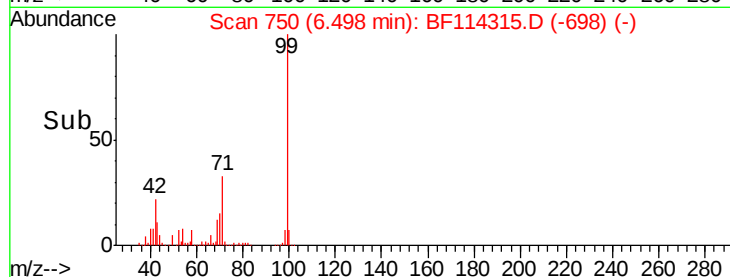
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

Tgt Ion: 136 Resp: 892898

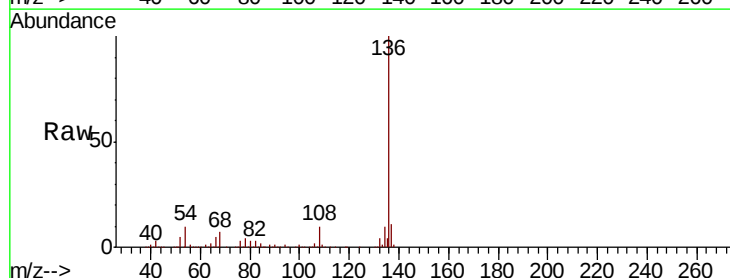
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.9 7.8 11.8

68 6.6 5.1 7.7

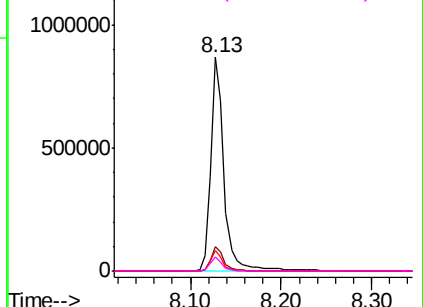
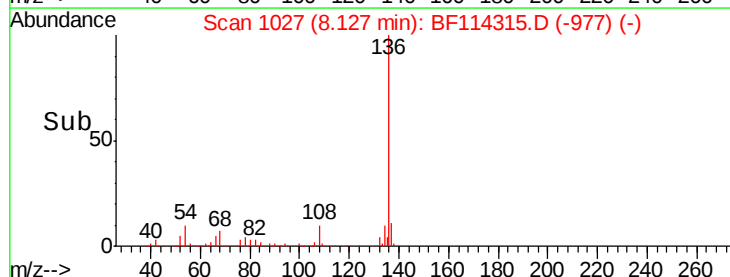


Abundance Ion 136.00 (135.70 to 136.70): E

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





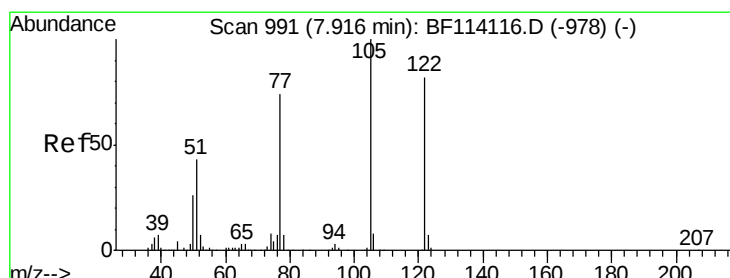
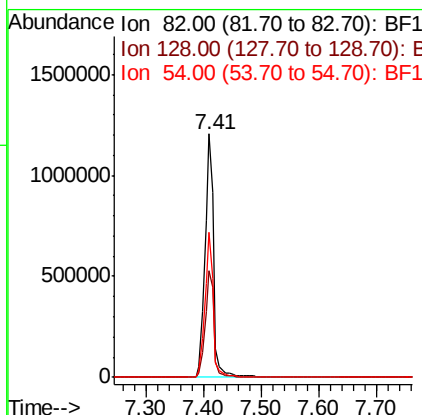
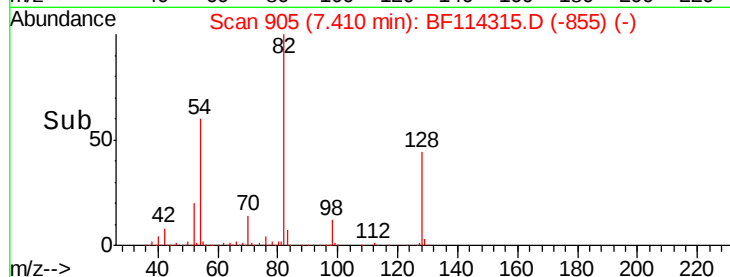
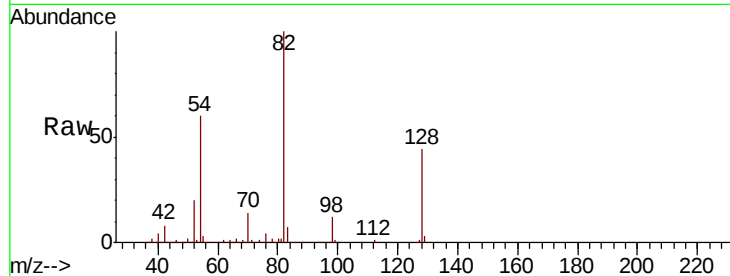
#23
Nitrobenzene-d5
Concen: 81.771 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
EO-01-051519-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.5	53.3
54	59.7	48.5	72.7

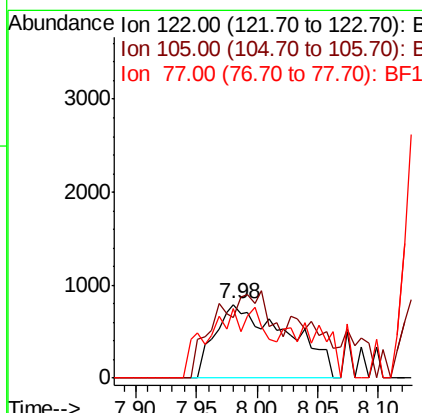
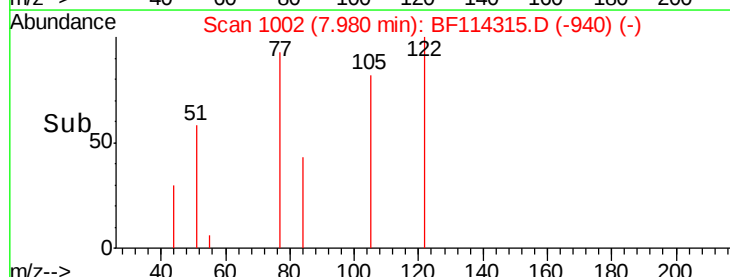
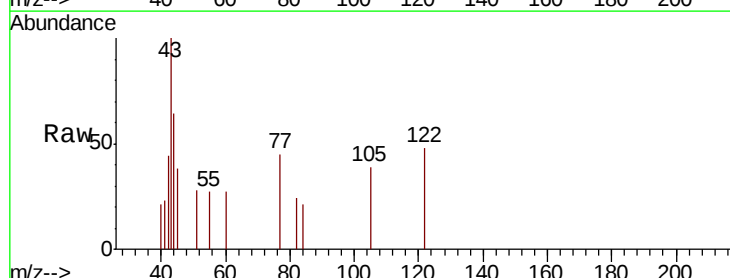
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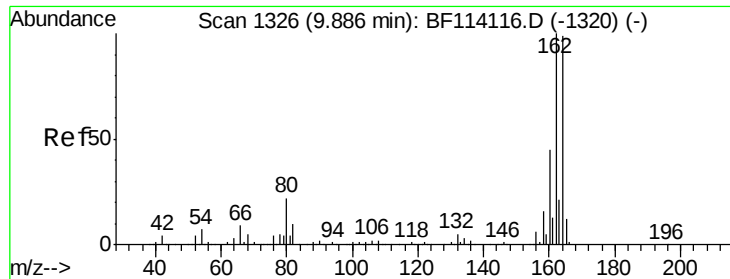
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#32
Benzoic acid
Concen: 7.339 ng m
RT: 7.98 min Scan# 1002
Delta R.T. 0.07 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	81.5	99.9	139.9#
77	93.3	69.4	109.4





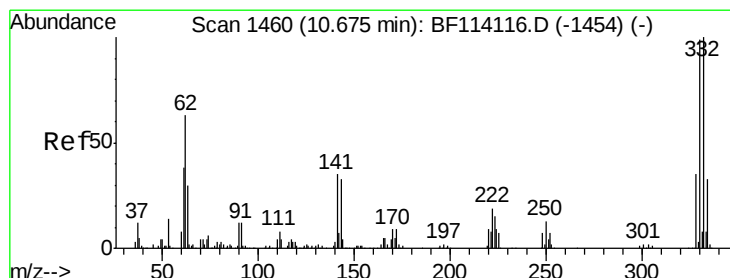
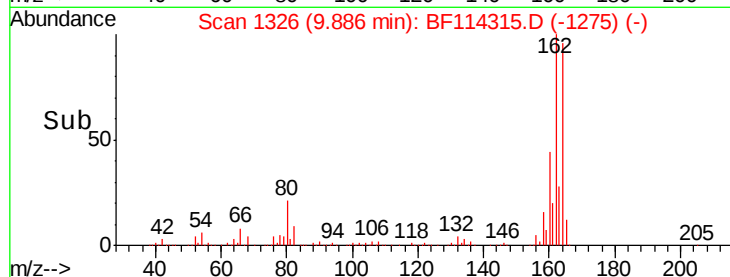
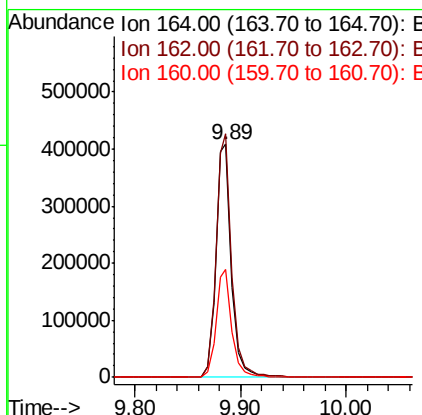
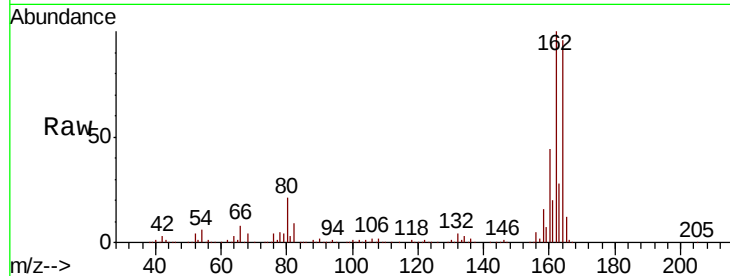
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
EO-01-051519-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	80.6	120.8	
160	46.4	36.5	54.7	

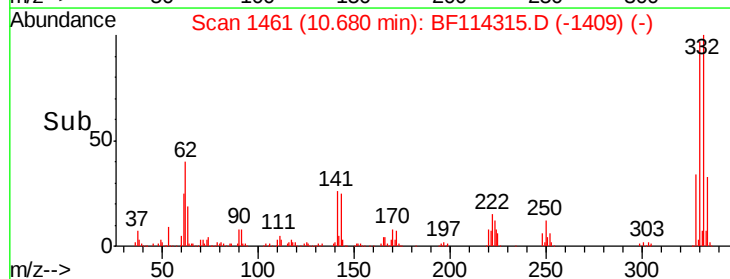
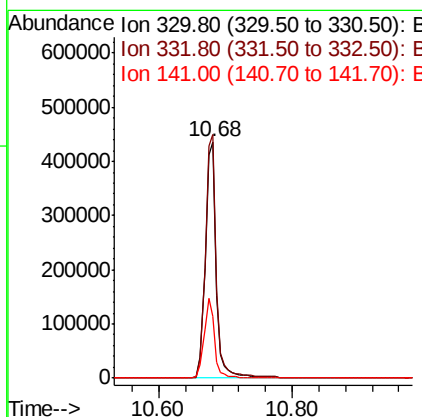
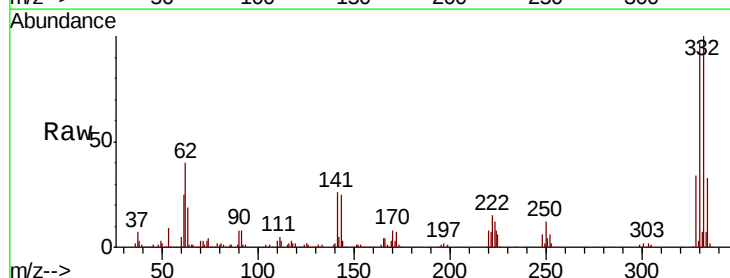
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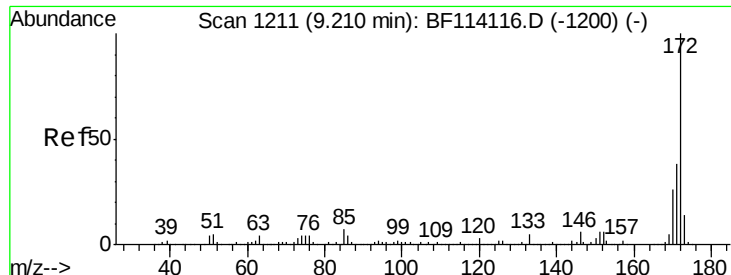
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#42
2,4,6-Tribromophenol
Concen: 111.720 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.5	81.4	122.2	
141	32.4	26.6	40.0	





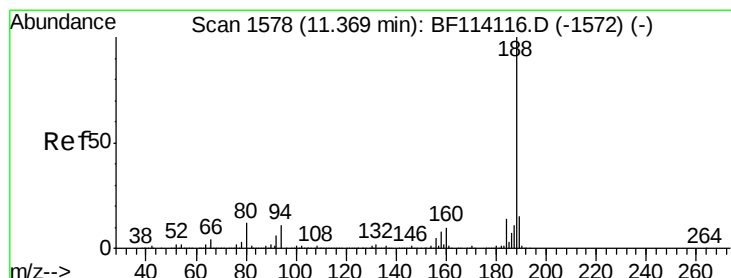
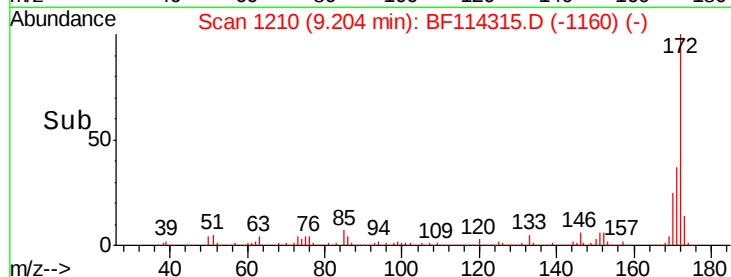
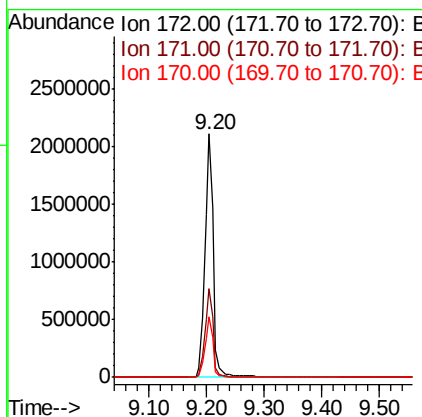
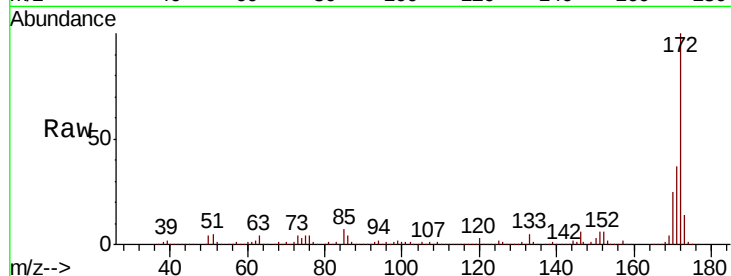
#45
2-Fluorobiphenyl
Concen: 77.456 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
EO-01-051519-B

Tot Ion:172 Resp: 2182579
Ion Ratio Lower Upper
172 100
171 36.6 30.7 46.1
170 24.7 20.5 30.7

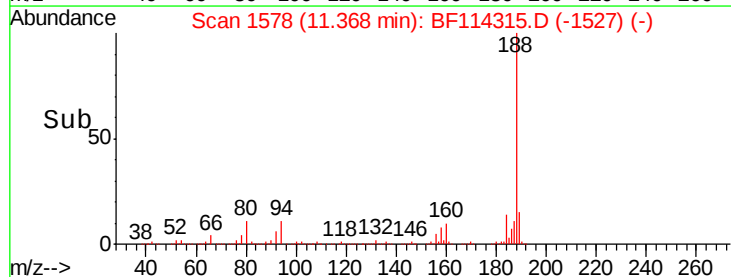
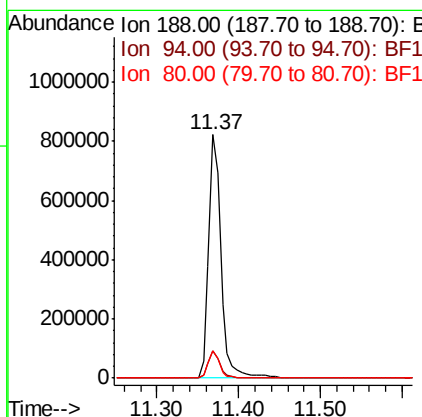
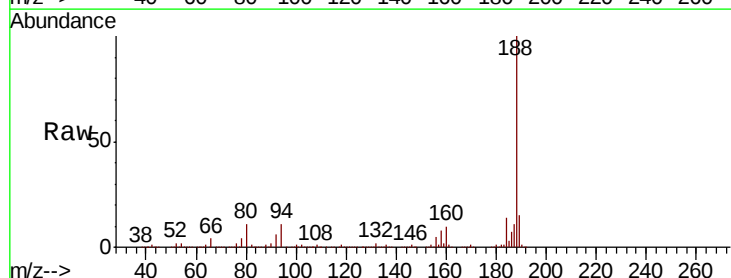
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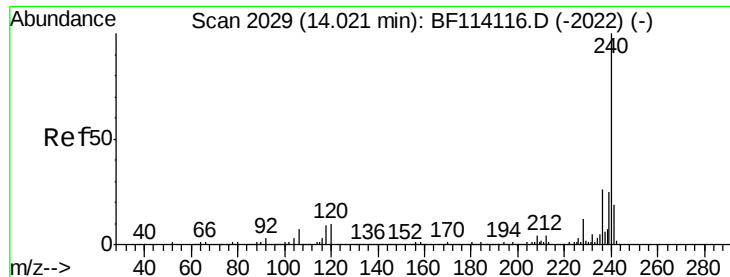
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Tgt Ion:188 Resp: 862136
Ion Ratio Lower Upper
188 100
94 11.0 8.4 12.6
80 11.2 9.2 13.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

Instrument :

BNA_F

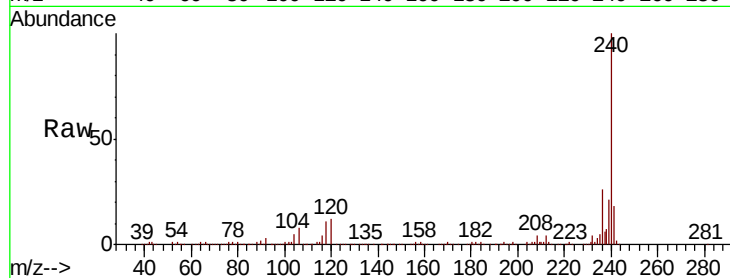
ClientSampleId :

EO-01-051519-B

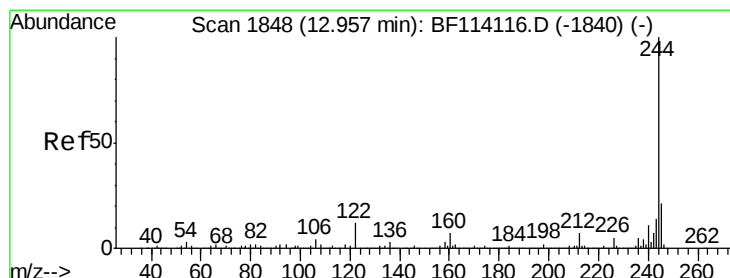
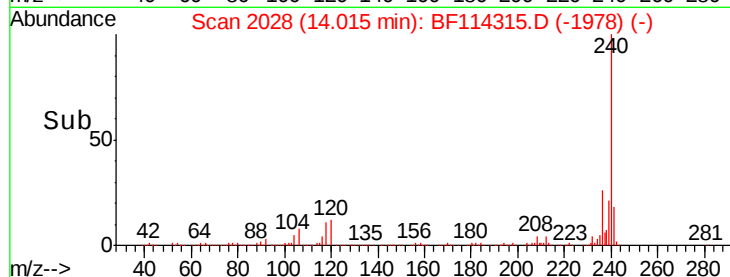
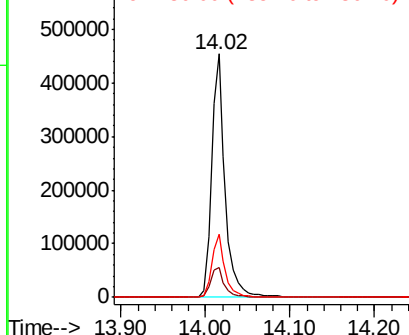
Tot Ion:	240	Resp:	508859
Ion Ratio	Lower	Upper	
240	100		
120	12.1	8.3	12.5
236	26.1	20.8	31.2

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 83.724 ng

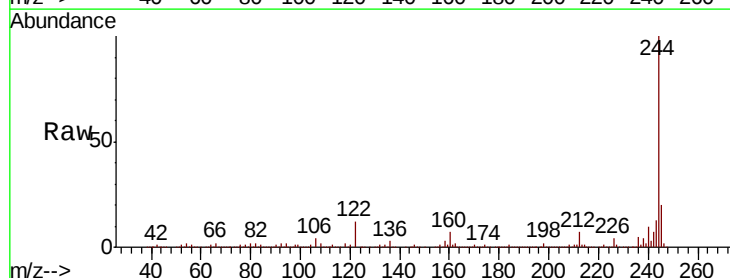
RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

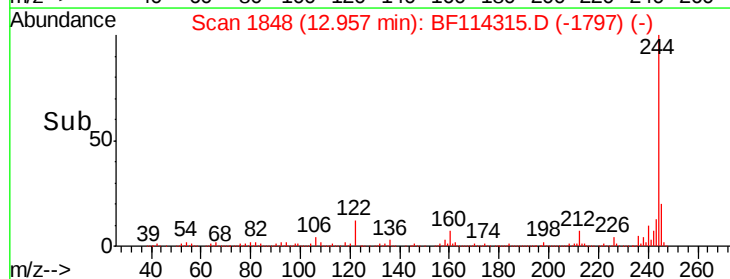
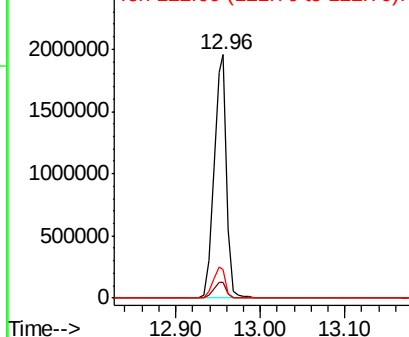
Lab File: BF114315.D

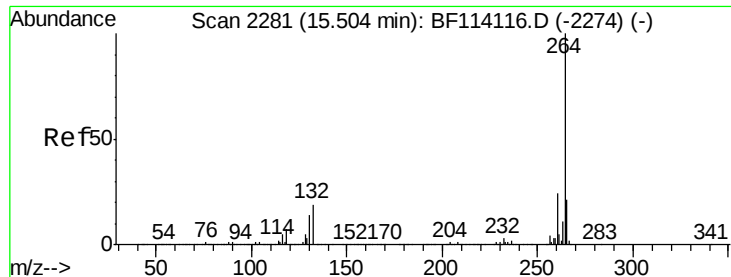
Acq: 16 May 2019 18:00

Tgt Ion:	244	Resp:	2066704
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.6
122	11.6	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF114315.D
 Acq: 16 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-B

Tot Ion:	264	Resp:	536878
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.6	16.9	25.3

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