

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120013.D
 Acq On : 16 Apr 2020 1:04
 Operator : MA/SJ
 Sample : L2198-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-43-COMP

Manual Integrations
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mohammad
 4/16/2020 12:53:03 PM

Quant Time: Apr 16 05:08:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	175625	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	668815	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	356308	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	695950	20.00	ng	0.00
76) Chrysene-d12	13.89	240	520945	20.00	ng	-0.01
87) Perylene-d12	15.31	264	396064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1329671	130.84	ng	0.00
7) Phenol-d6	6.36	99	1517311	115.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	1176574	91.01	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	514114	117.85	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2209065	88.02	ng	0.00
79) Terphenyl-d14	12.84	244	2627090	84.86	ng	0.00
Target Compounds						
32) Benzoic acid	7.74	122	39510m	4.591	ng	Qvalue

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

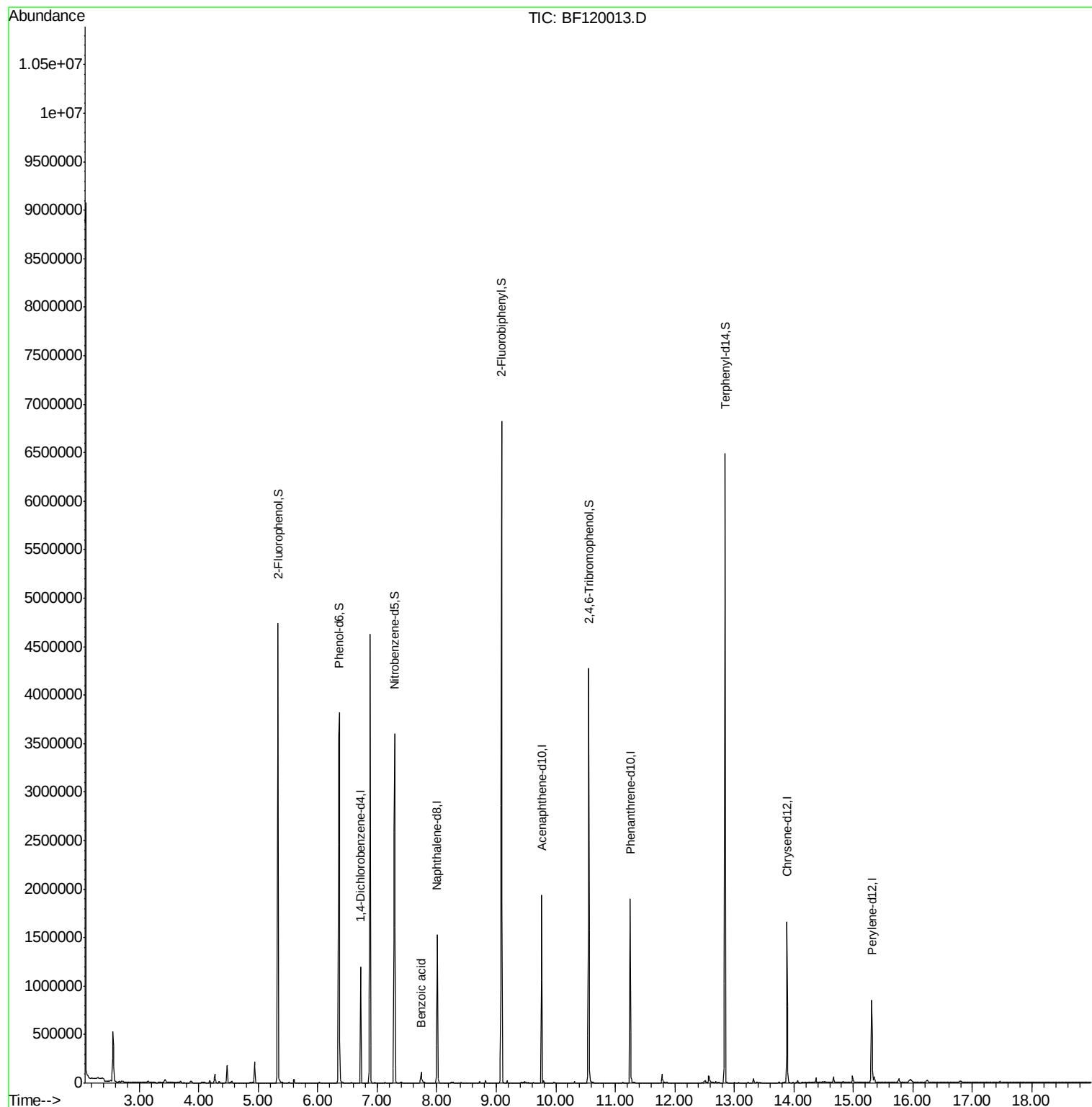
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120013.D
Acq On : 16 Apr 2020 1:04
Operator : MA/SJ
Sample : L2198-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

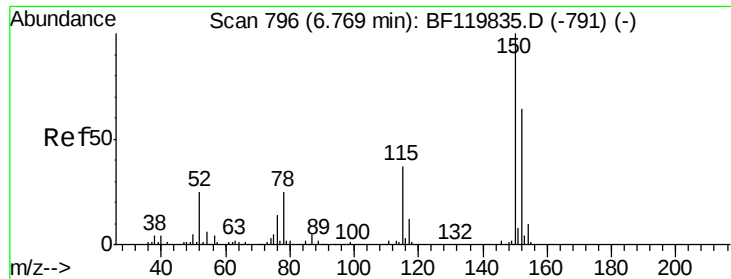
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

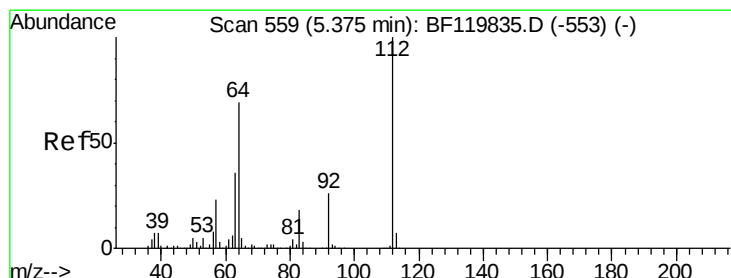
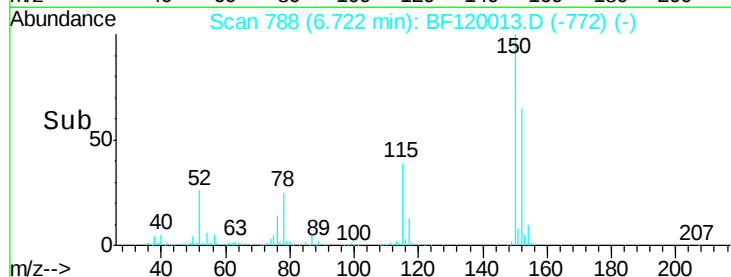
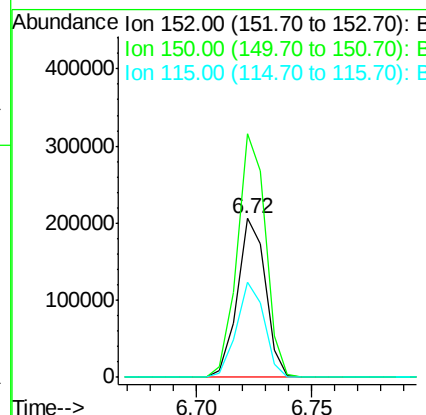
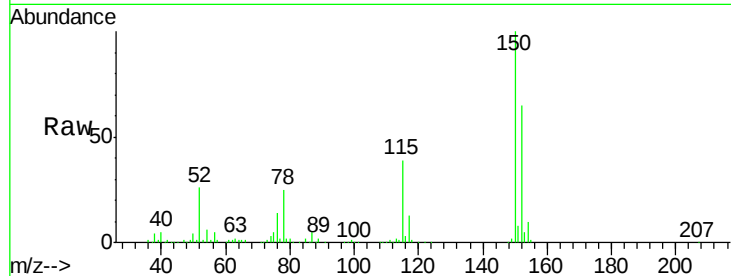
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.8	187.2
115	60.0	46.5	69.7

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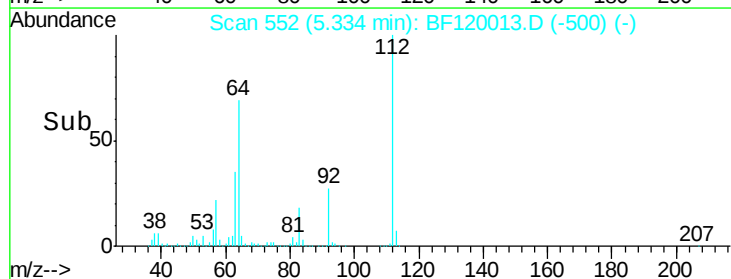
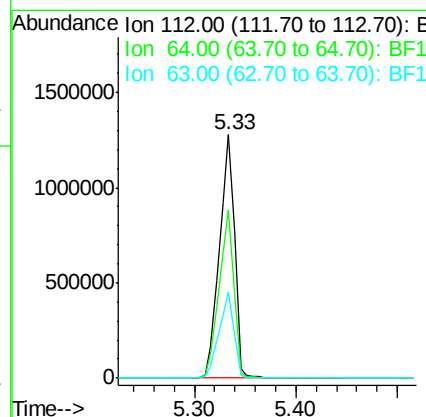
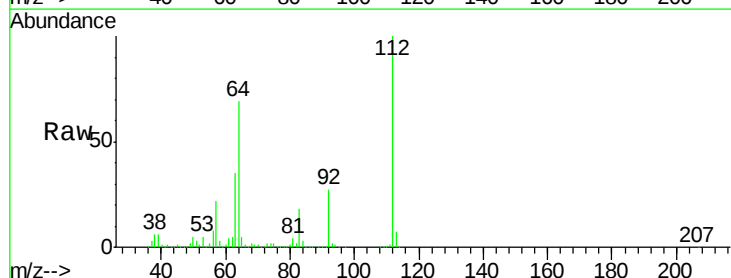
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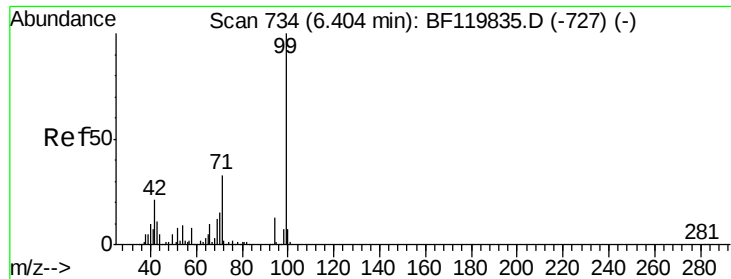


#5

2-Fluorophenol
Concen: 130.842 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.5	83.3
63	35.5	29.1	43.7





#7

Phenol-d6

Concen: 115.872 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120013.D

Acq: 16 Apr 2020 1:04

Instrument :

BNA_F

ClientSampleId :

TP-43-COMP

Tot Ion: 99 Resp: 1517311

Ion Ratio Lower Upper

99 100

42 18.0 16.9 25.3

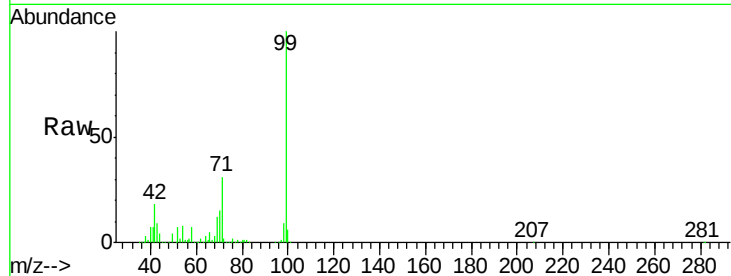
71 31.3 26.3 39.5

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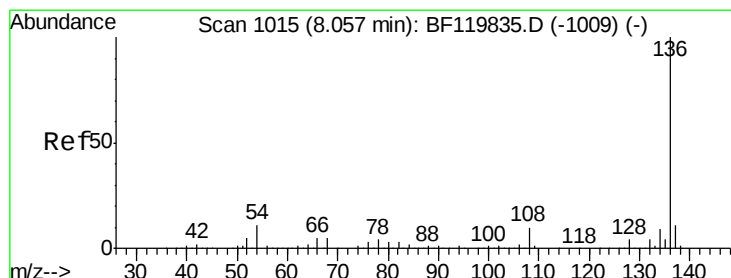
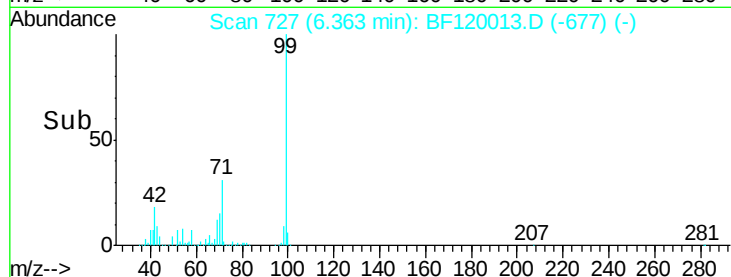
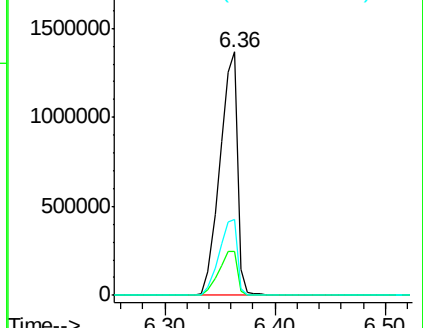
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120013.D

Acq: 16 Apr 2020 1:04

Tgt Ion: 136 Resp: 668815

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.7 8.5 12.7

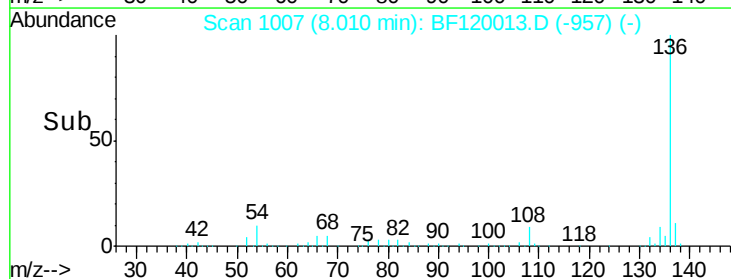
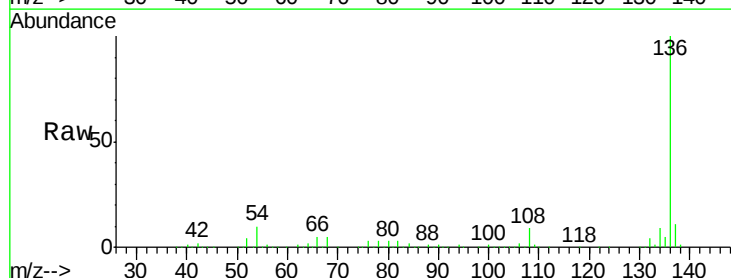
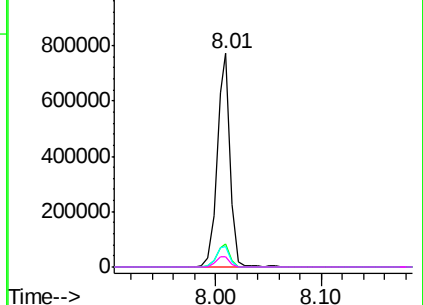
68 5.0 3.9 5.9

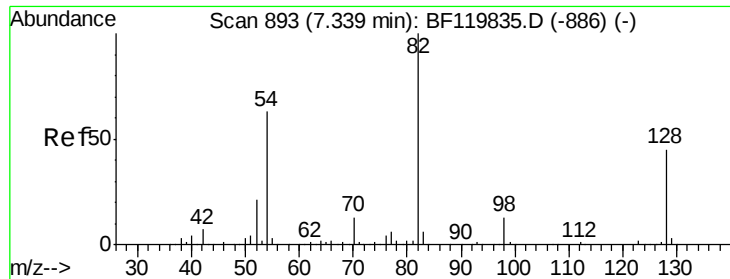
Abundance Ion 136.00 (135.70 to 136.70): E

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





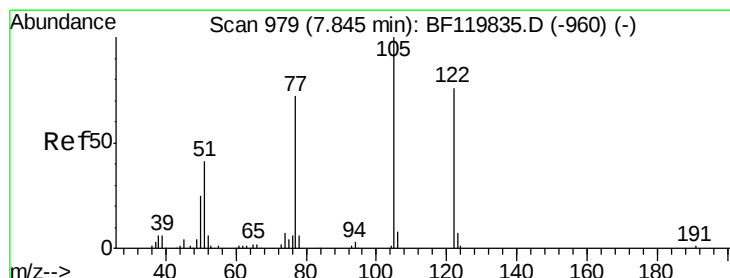
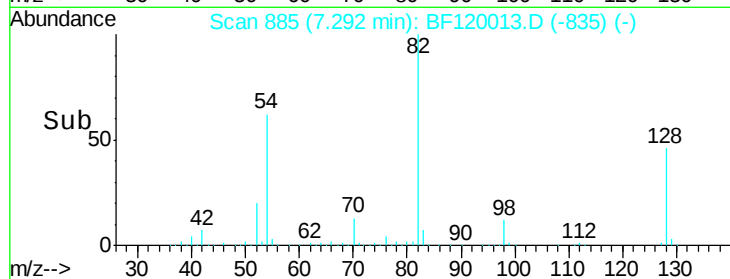
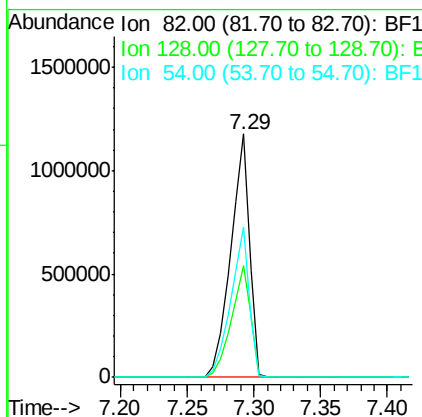
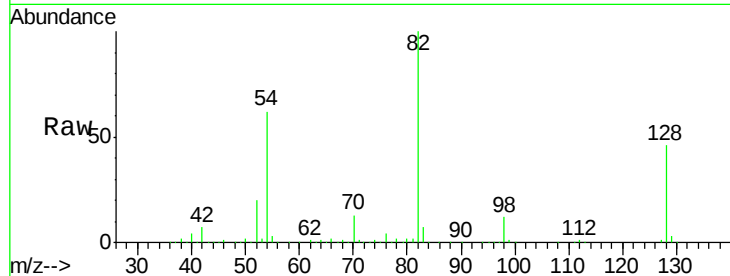
#23
 Nitrobenzene-d5
 Concen: 91.009 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120013.D
 Acq: 16 Apr 2020 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-43-COMP

Tot Ion: 82 Resp: 1176574
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.2 54.4
 54 61.6 50.4 75.6

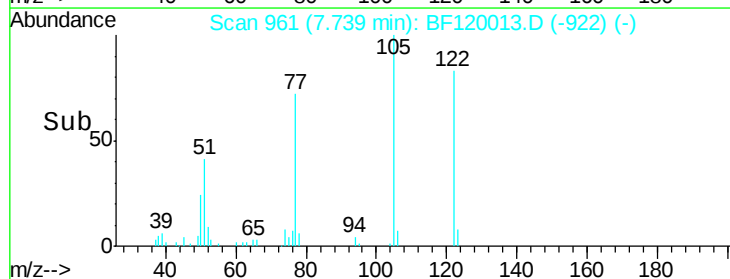
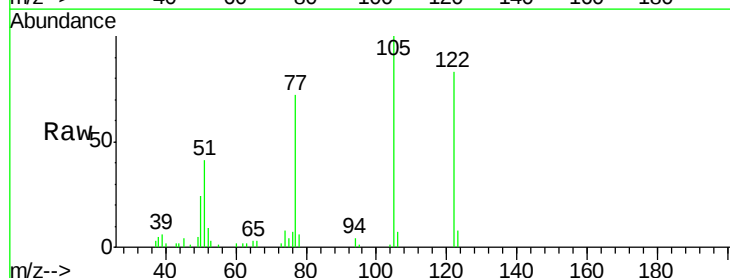
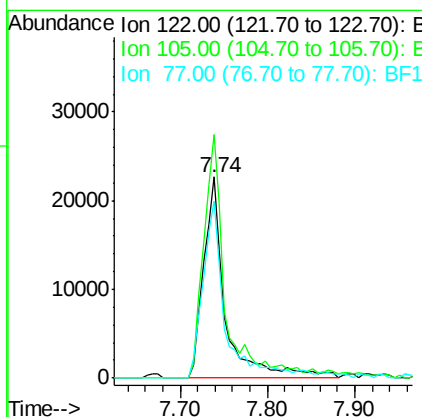
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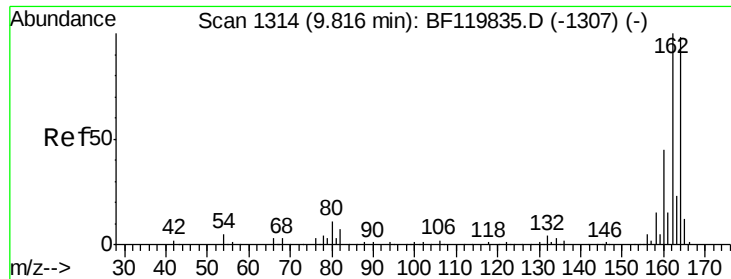
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#32
 Benzoic acid
 Concen: 4.591 ng m
 RT: 7.74 min Scan# 961
 Delta R.T. -0.07 min
 Lab File: BF120013.D
 Acq: 16 Apr 2020 1:04

Tgt Ion:122 Resp: 39510
 Ion Ratio Lower Upper
 122 100
 105 121.1 106.7 146.7
 77 87.8 72.1 112.1





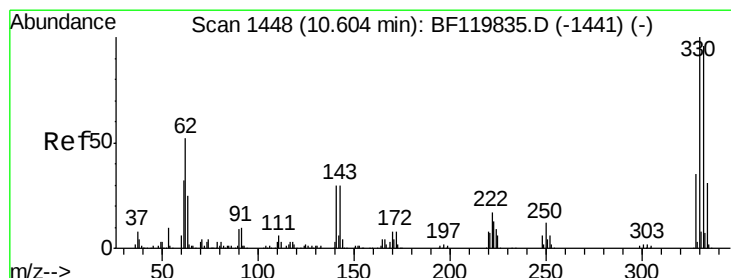
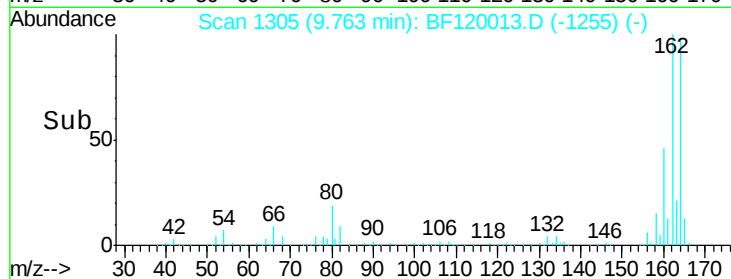
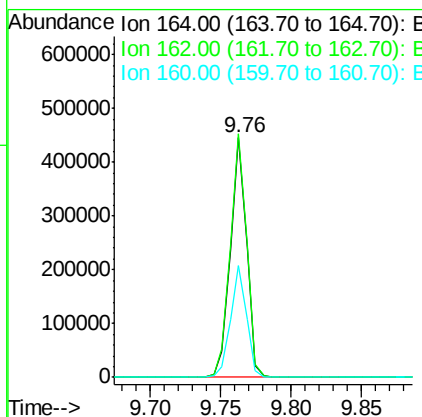
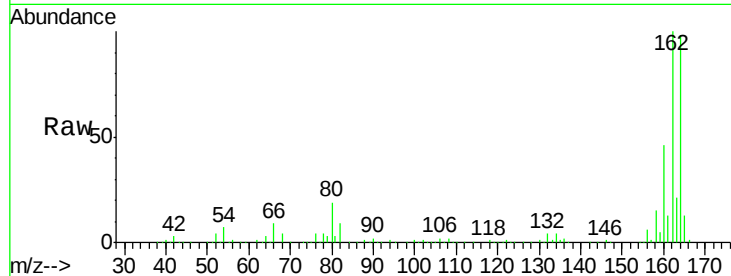
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.9	122.9
160	46.6	36.6	54.8

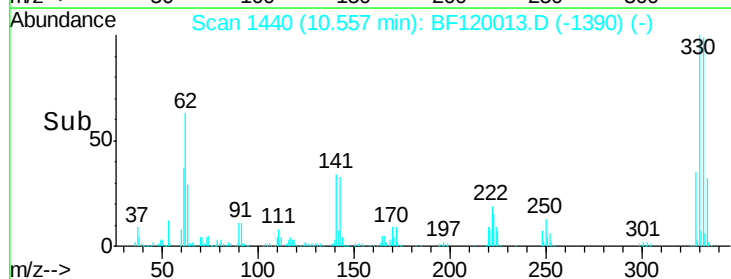
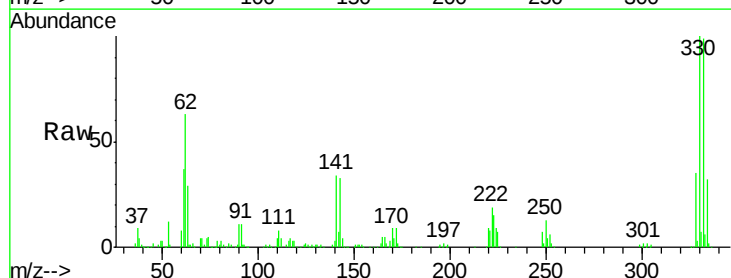
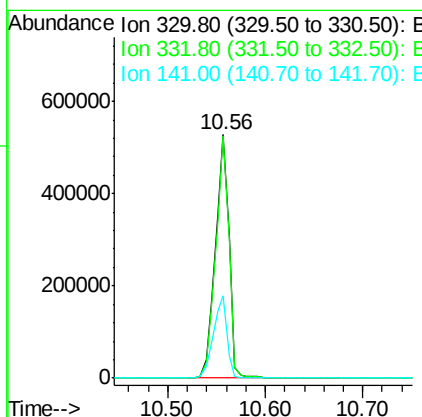
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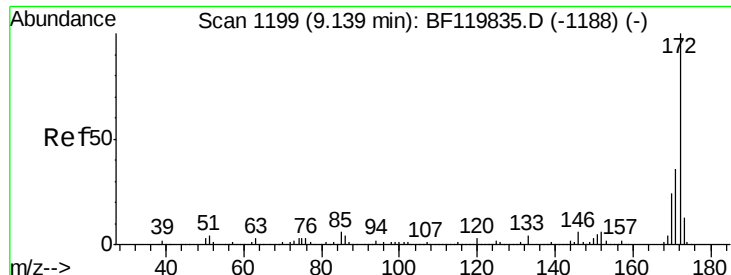
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#42
2,4,6-Tribromophenol
Concen: 117.851 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	33.7	25.1	37.7





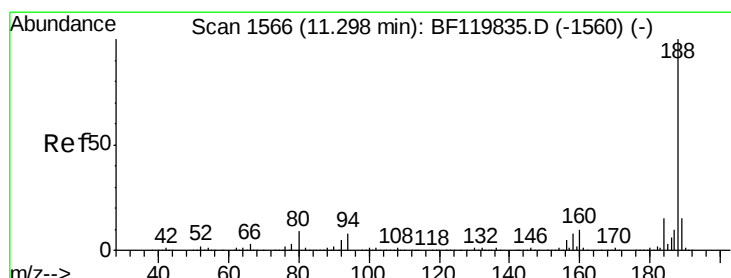
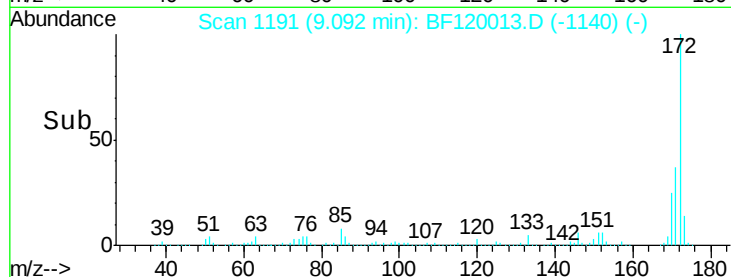
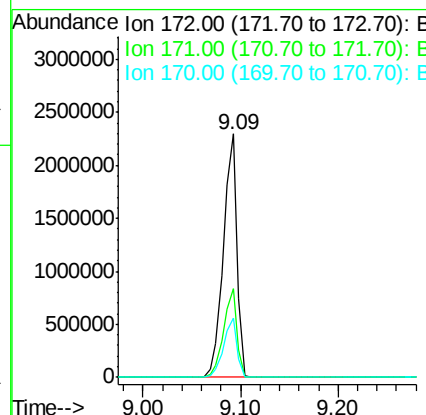
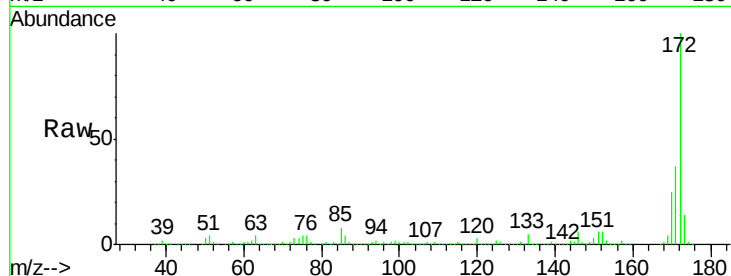
#45
 2-Fluorobiphenyl
 Concen: 88.025 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120013.D
 Acq: 16 Apr 2020 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-43-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.5	19.4	29.2

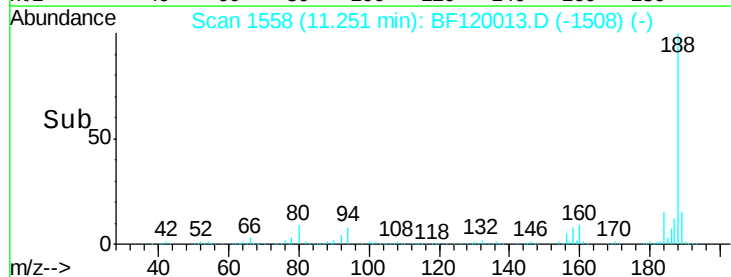
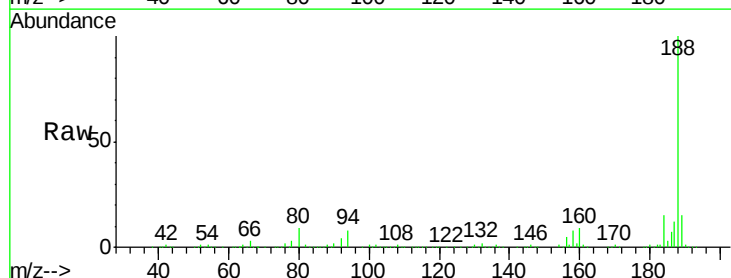
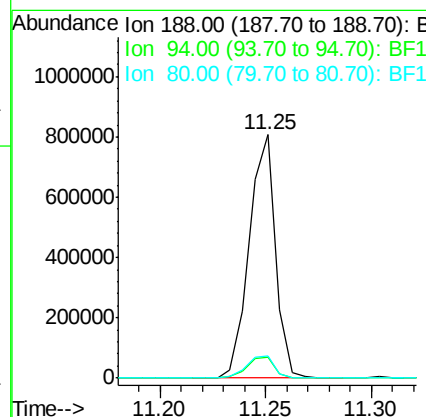
Manual Integrations
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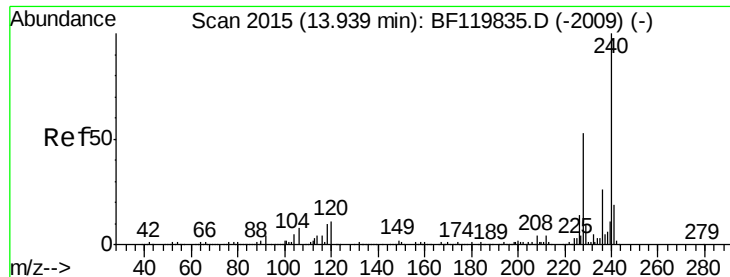
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120013.D
 Acq: 16 Apr 2020 1:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.0	7.4	11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120013.D

Acq: 16 Apr 2020 1:04

Instrument :

BNA_F

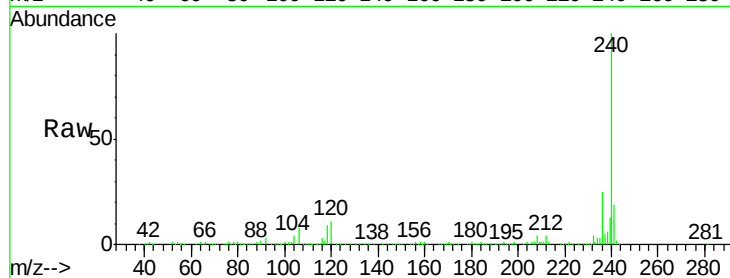
ClientSampleId :

TP-43-COMP

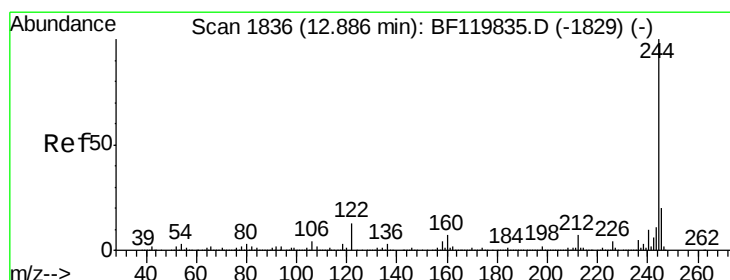
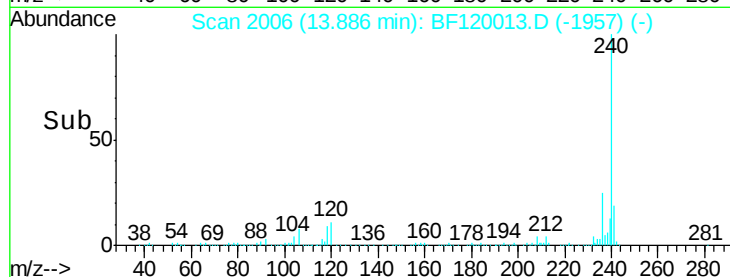
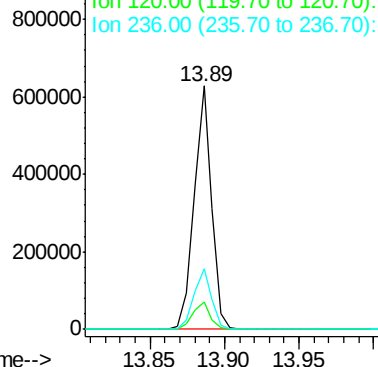
Tot Ion:	240	Resp:	520945
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.0	13.6
236	25.1	20.7	31.1

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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: 84.855 ng

RT: 12.84 min Scan# 1829

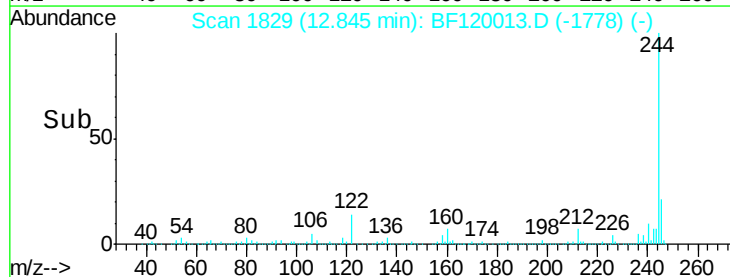
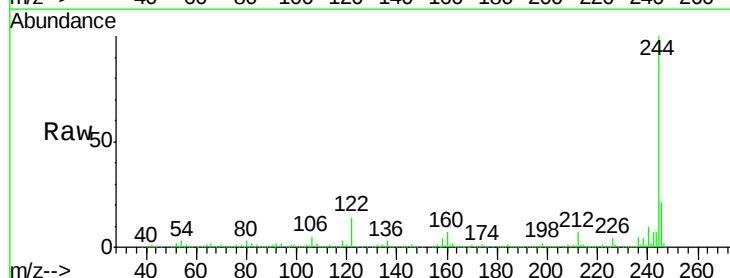
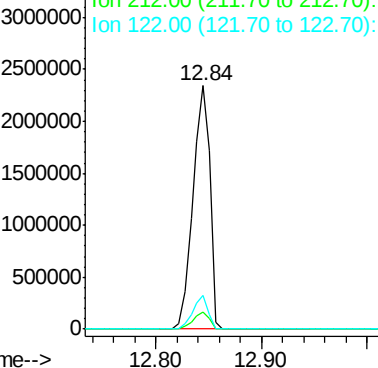
Delta R.T. -0.00 min

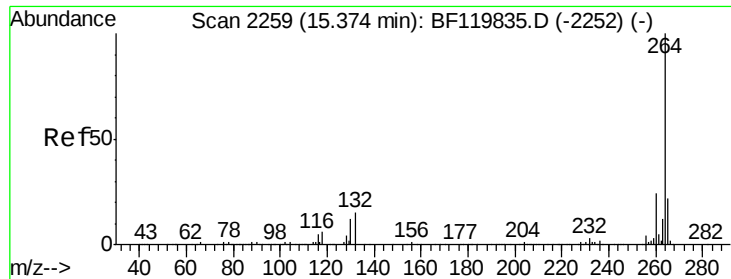
Lab File: BF120013.D

Acq: 16 Apr 2020 1:04

Tgt Ion:	244	Resp:	2627090
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	13.7	10.3	15.5

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: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF120013.D
 Acq: 16 Apr 2020 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-43-COMP

Tot Ion:	264	Resp:	396064
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.3	28.9
265	20.0	17.6	26.4

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