

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111383.D
 Acq On : 13 Dec 2018 21:25
 Operator : JU/SJ
 Sample : J6305-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01

Manual Integrations
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Quant Time: Dec 14 00:14:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	334552	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1218843	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	500509	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	668151	20.00	ng	0.00
76) Chrysene-d12	13.96	240	479791	20.00	ng	0.00
87) Perylene-d12	15.40	264	341486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1220328	61.68	ng	0.02
7) Phenol-d6	6.46	99	805592m	30.20	ng	0.03
23) Nitrobenzene-d5	7.37	82	1787052	82.64	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	454937	103.11	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	2710967	86.96	ng	0.00
79) Terphenyl-d14	12.91	244	1663475	76.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.53	88	149108	15.089	ng	Qvalue # 91
3) Pyridine	3.29	79	162993	6.714	ng	91
10) Phenol	6.52	94	11231528m	371.706	ng	
17) 2-Methylphenol	7.09	107	1223301	62.257	ng	98
20) 3+4-Methylphenols	7.26	107	1668366	71.198	ng	# 61
22) Acetophenone	7.22	105	791800	27.967	ng	# 85
27) 2,4-Dimethylphenol	7.77	122	498989	30.023	ng	96
31) Naphthalene	8.10	128	296182	5.216	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	136338	6.273	ng	98

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

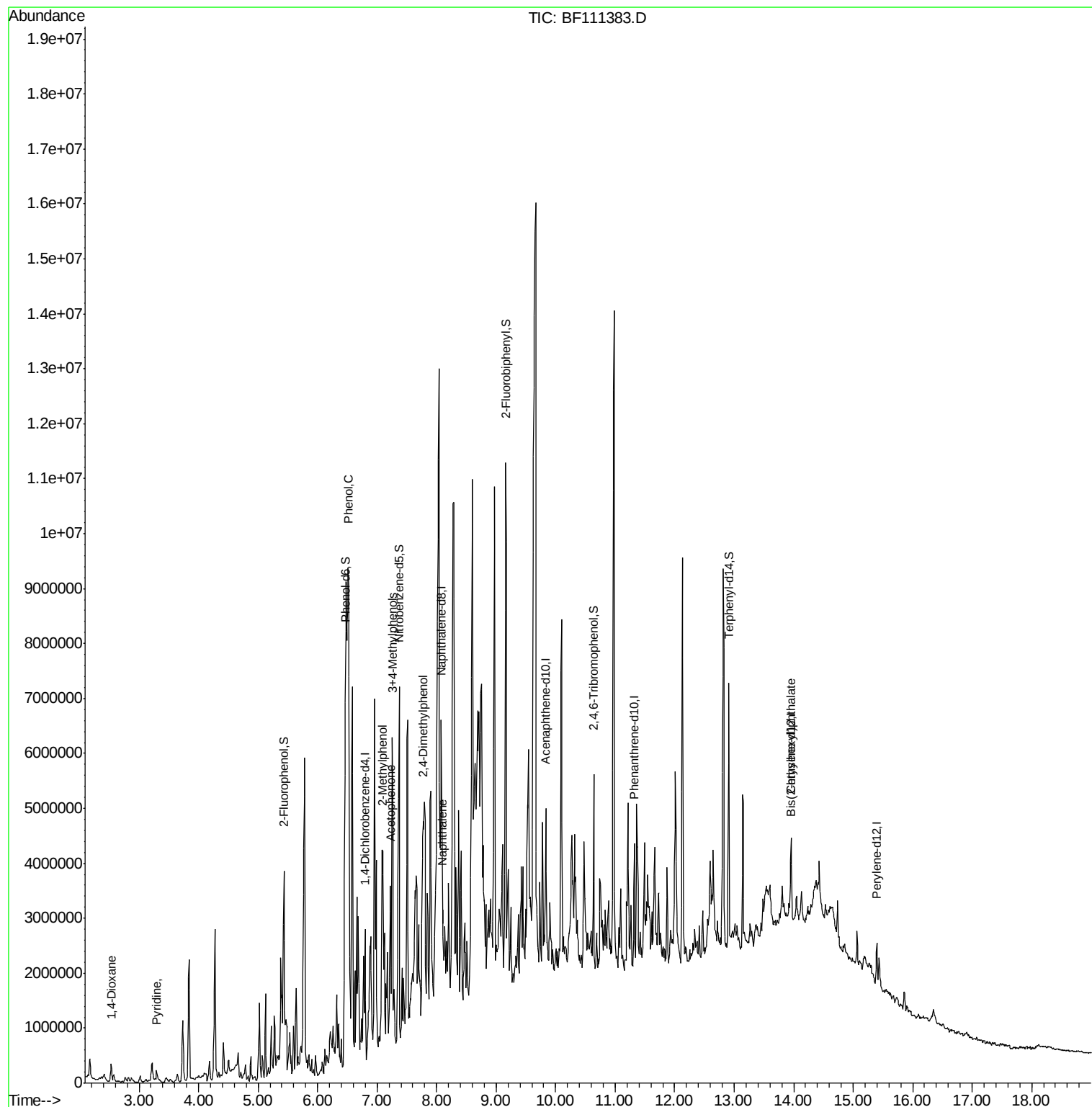
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111383.D
Acq On : 13 Dec 2018 21:25
Operator : JU/SJ
Sample : J6305-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

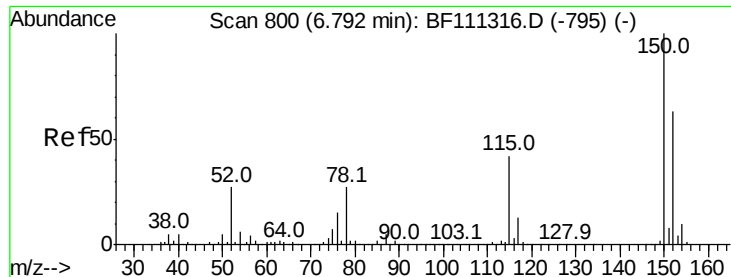
Instrument :
BNA_F
ClientSampleId :
P001-SW003-01

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Quant Time: Dec 14 00:14:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

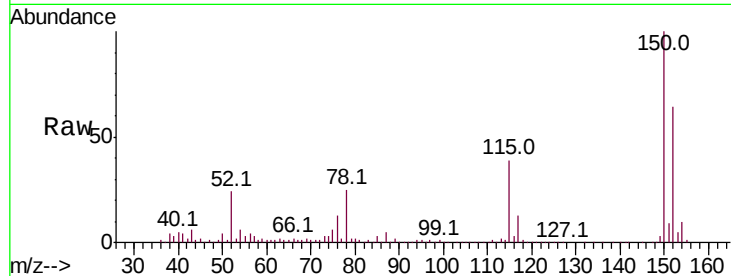
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	60.8	50.7	76.1

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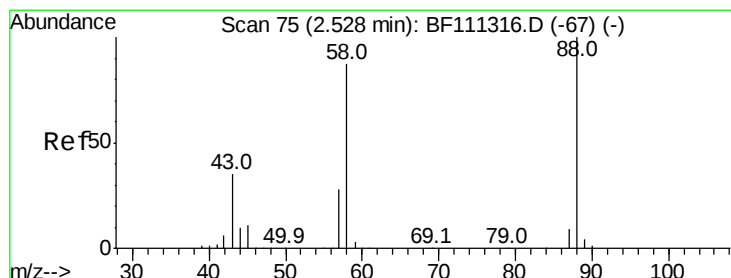
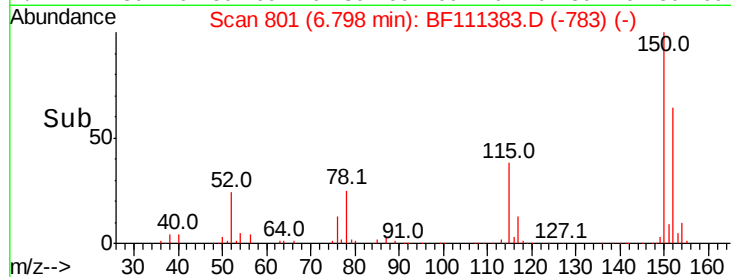
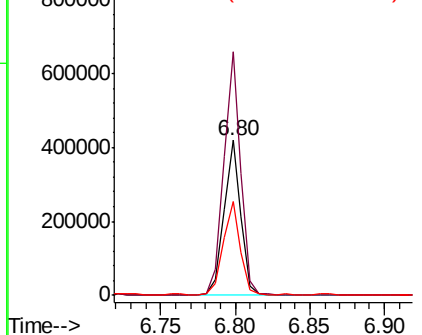


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

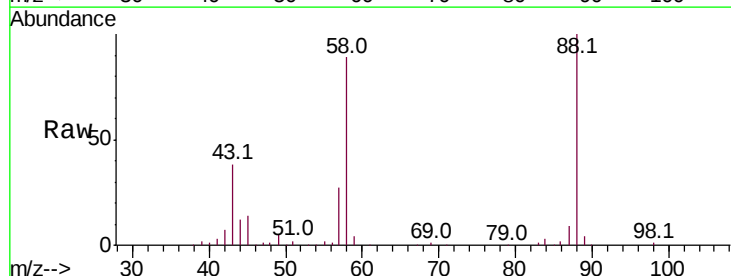
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.089 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	68.9	103.3
43	46.2	25.8	38.6

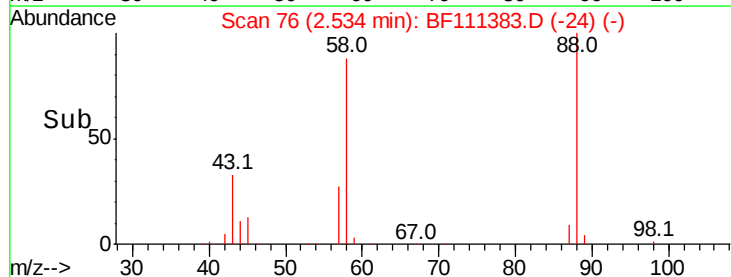
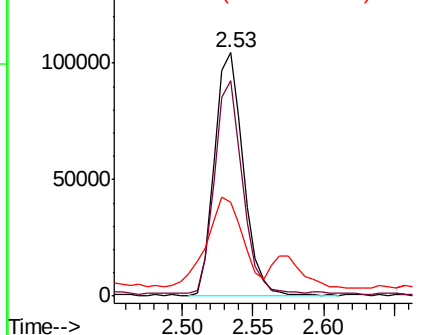


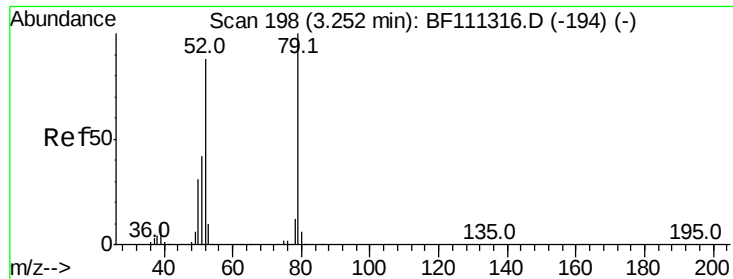
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





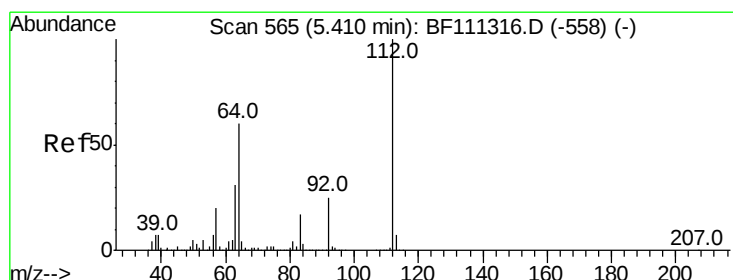
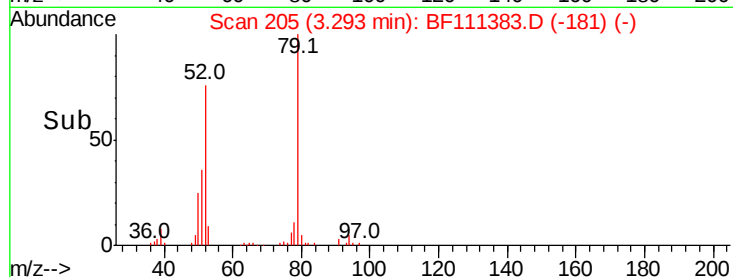
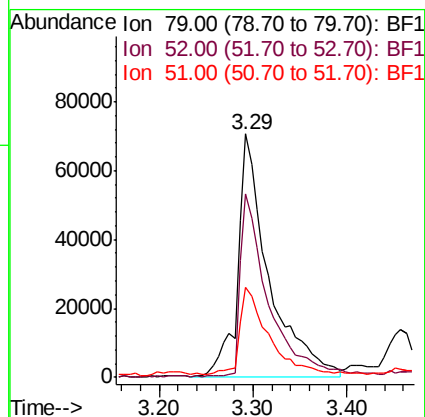
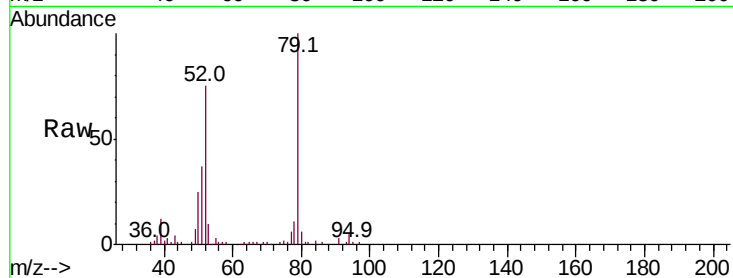
#3
 Pvridine
 Concen: 6.714 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.04 min
 Lab File: BF111383.D
 Acq: 13 Dec 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.4	68.3	102.5
51	36.9	32.6	49.0

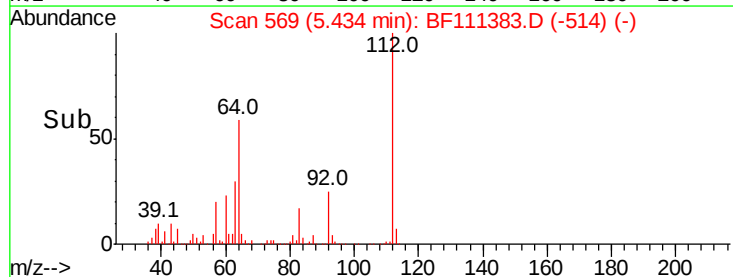
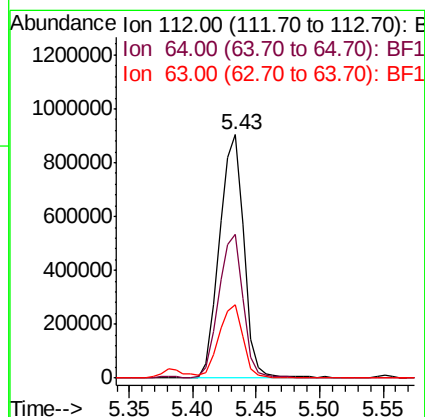
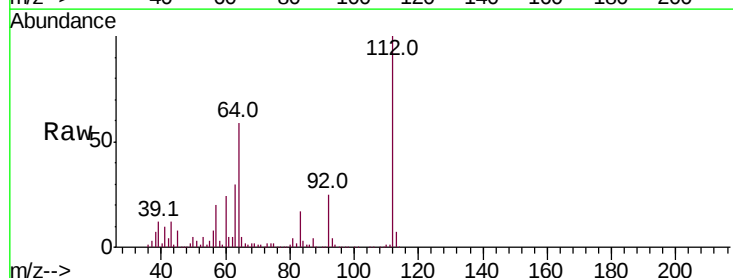
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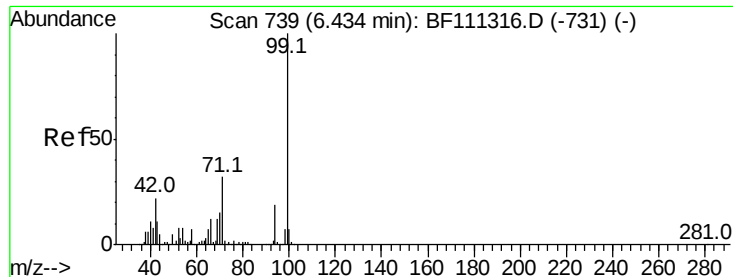
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#5
 2-Fluorophenol
 Concen: 61.683 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF111383.D
 Acq: 13 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	51.8	77.6
63	30.3	26.8	40.2





#7

Phenol-d6

Concen: 30.201 ng m

RT: 6.46 min Scan# 744

Delta R.T. 0.03 min

Lab File: BF111383.D

Acq: 13 Dec 2018 21:25

Instrument :

BNA_F

ClientSampleId :

P001-SW003-01

Tot Ion: 99 Resp: 805592

Ion Ratio Lower Upper

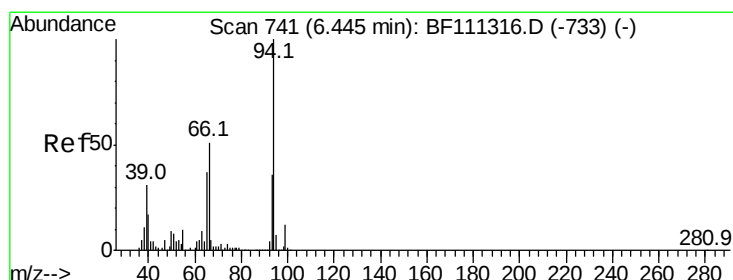
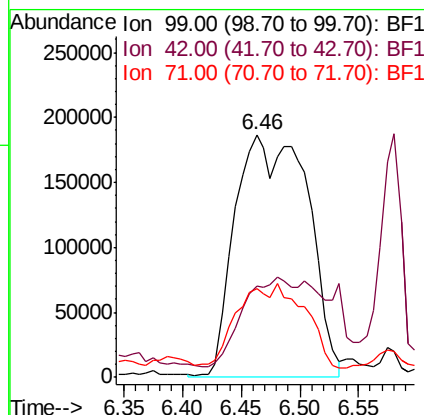
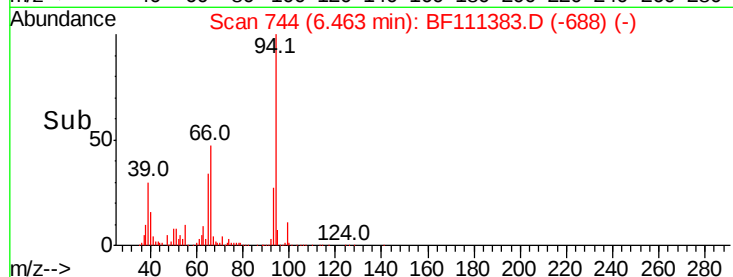
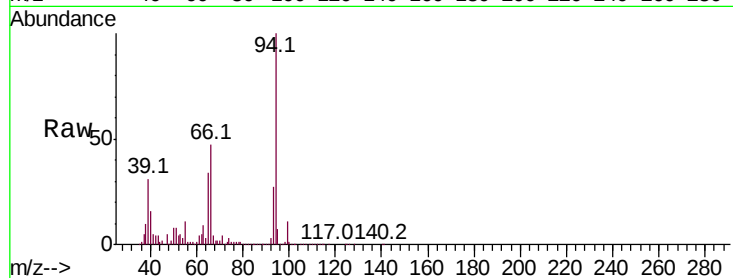
99 100

42 37.5 17.4 26.0#

71 36.7 26.1 39.1

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#10

Phenol

Concen: 371.706 ng m

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BF111383.D

Acq: 13 Dec 2018 21:25

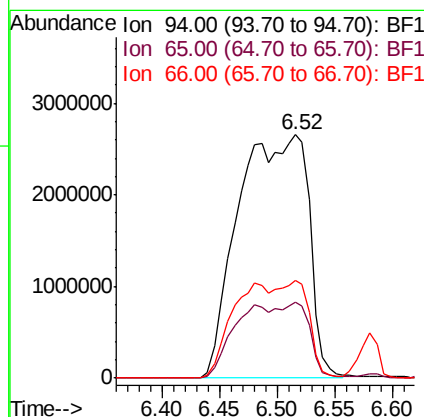
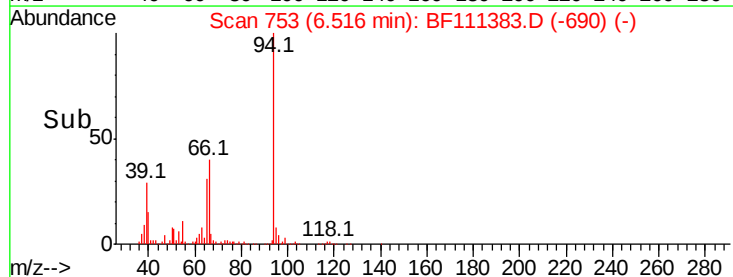
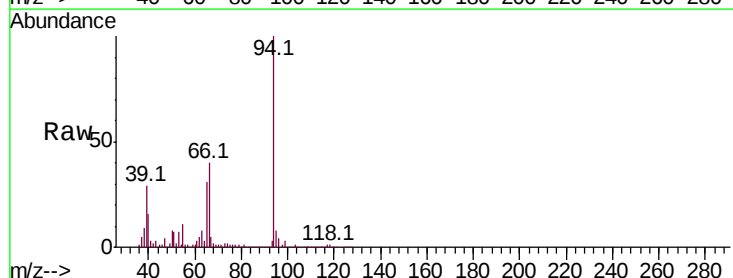
Tgt Ion: 94 Resp: 11231528

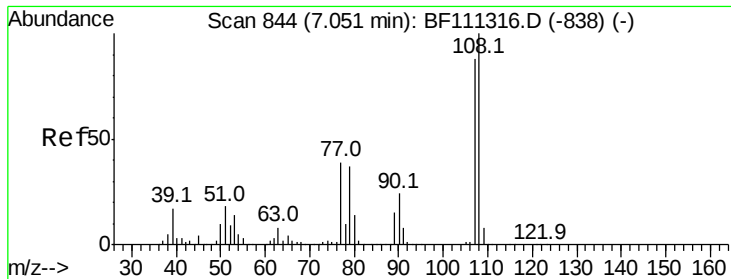
Ion Ratio Lower Upper

94 100

65 31.1 11.7 51.7

66 40.3 21.0 61.0





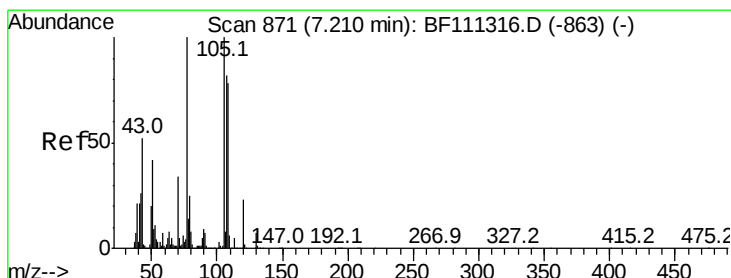
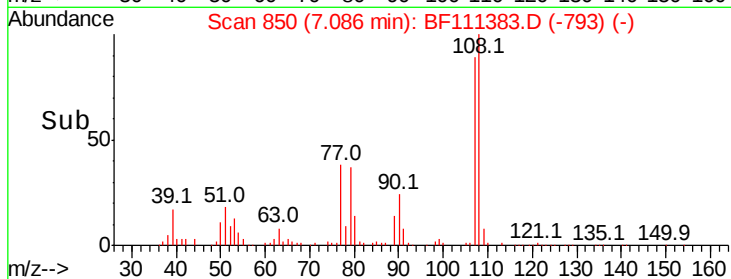
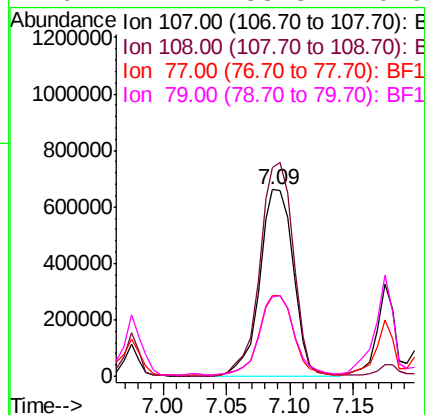
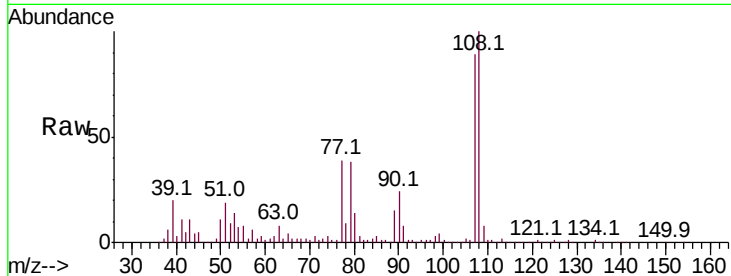
#17
2-Methylphenol
Concen: 62.257 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.04 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.0	136.4
77	43.2	33.5	50.3
79	42.7	33.3	49.9

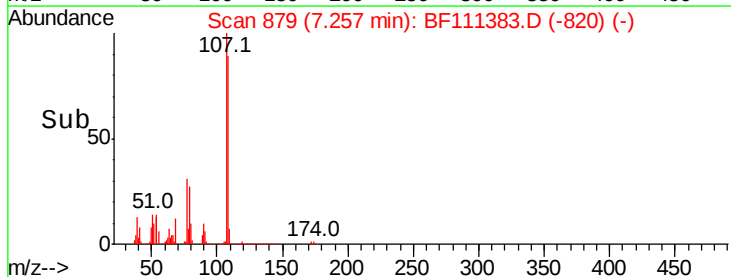
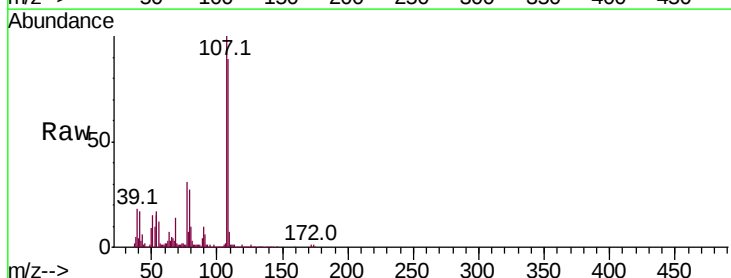
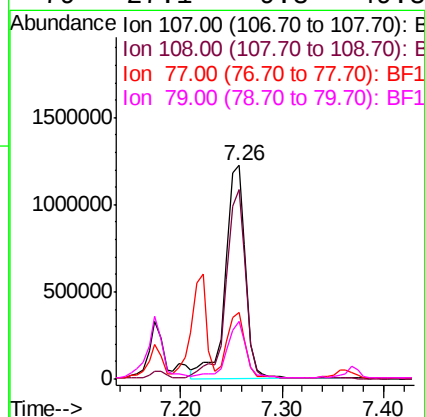
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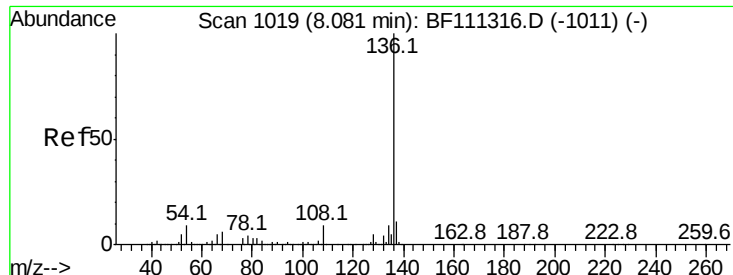
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#20
3+4-Methylphenols
Concen: 71.198 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.05 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	72.1	112.1
77	31.0	94.1	134.1#
79	27.1	9.8	49.8





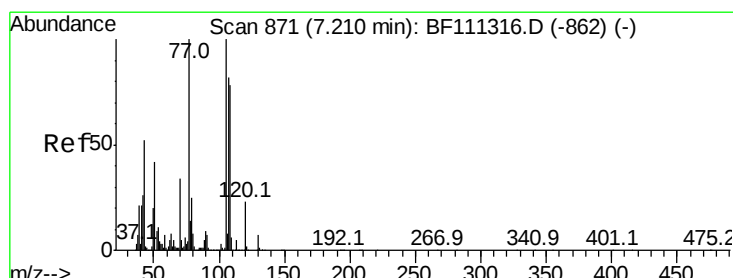
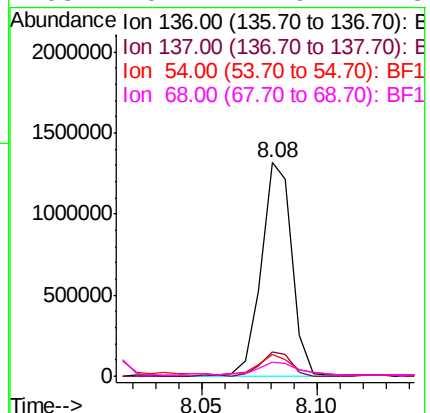
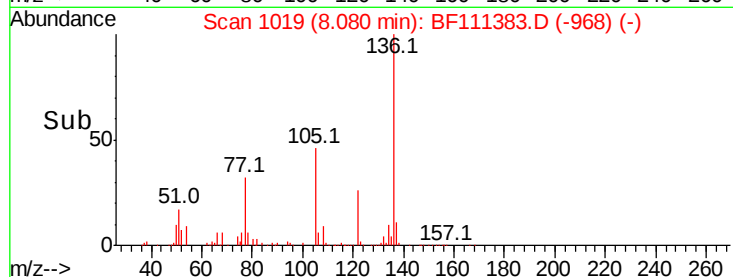
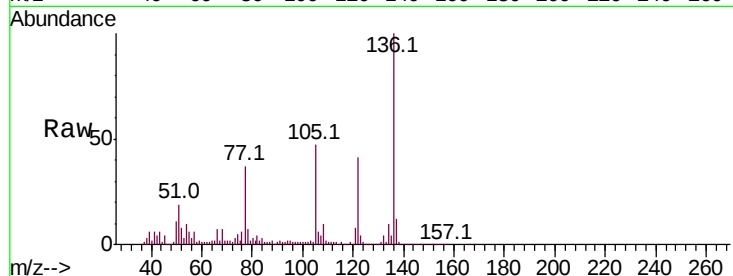
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.4	7.7	11.5
68	6.7	4.9	7.3

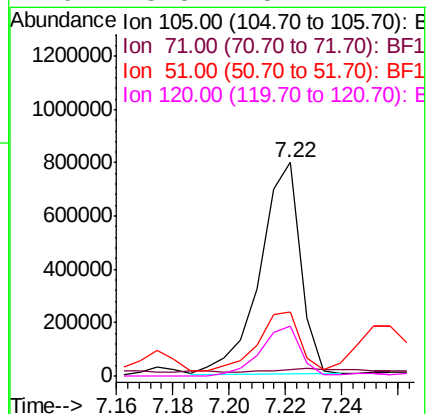
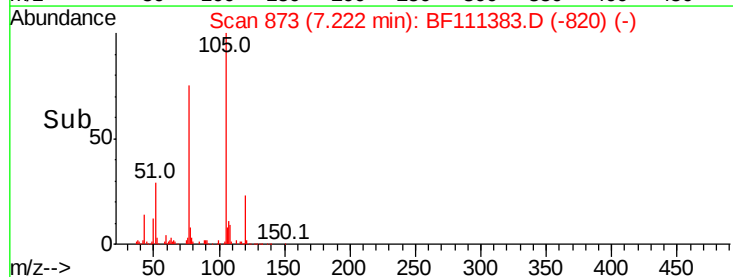
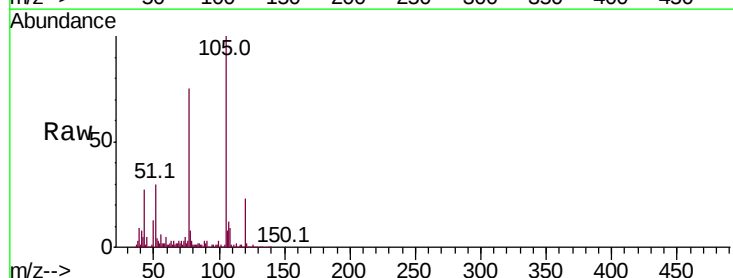
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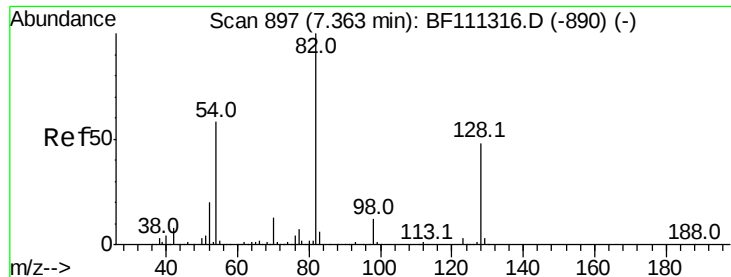
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#22
Acetophenone
Concen: 27.967 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.1	4.7#
51	30.0	36.6	54.8#
120	23.3	18.2	27.4





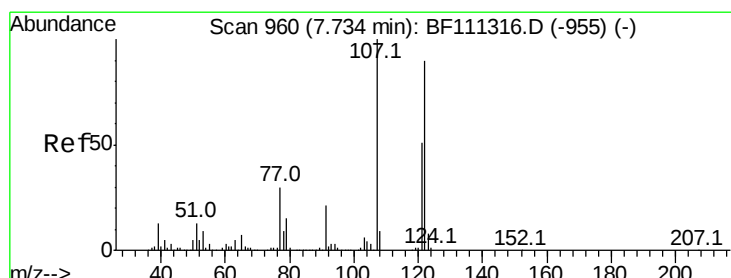
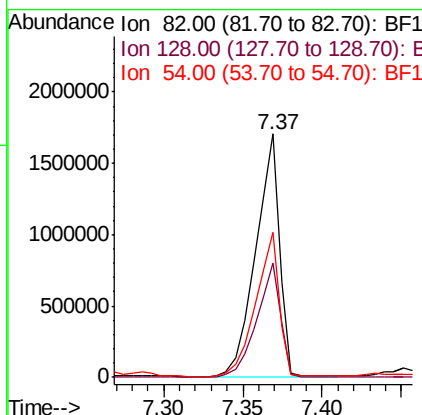
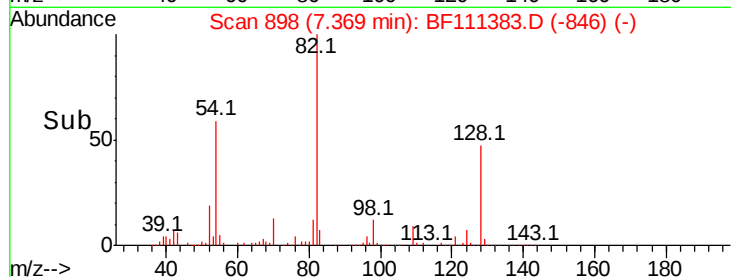
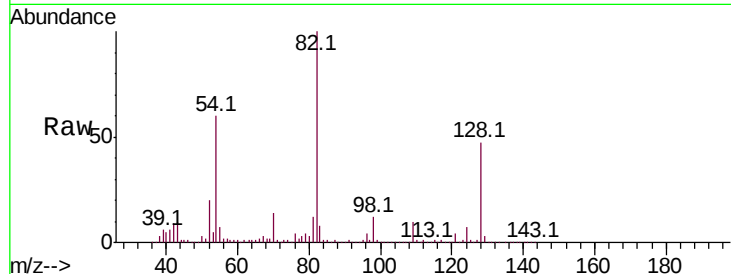
#23
 Nitrobenzene-d5
 Concen: 82.639 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF111383.D
 Acq: 13 Dec 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	59.6	47.6	71.4

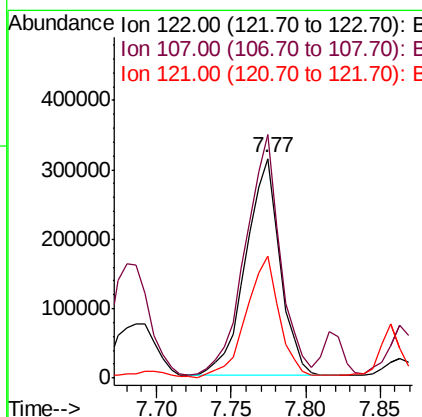
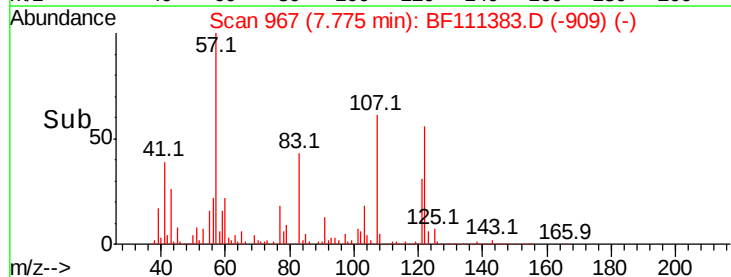
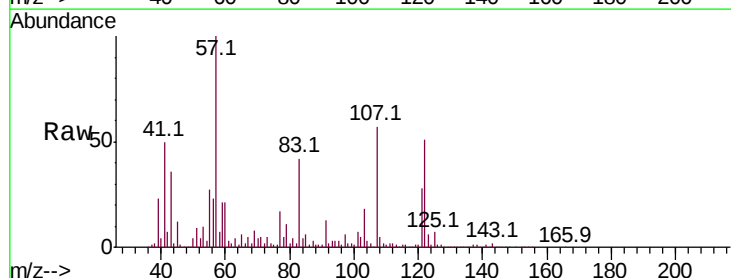
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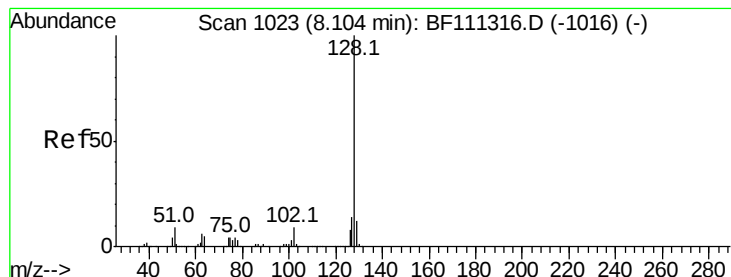
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#27
 2,4-Dimethylphenol
 Concen: 30.023 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.04 min
 Lab File: BF111383.D
 Acq: 13 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.9	85.5	128.3
121	55.5	46.6	70.0





#31

Naphthalene

Concen: 5.216 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF111383.D

Acq: 13 Dec 2018 21:25

Instrument :

BNA_F

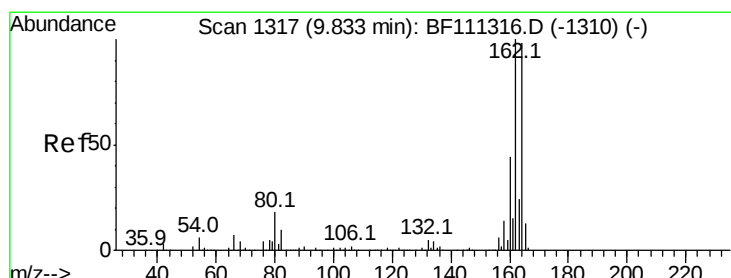
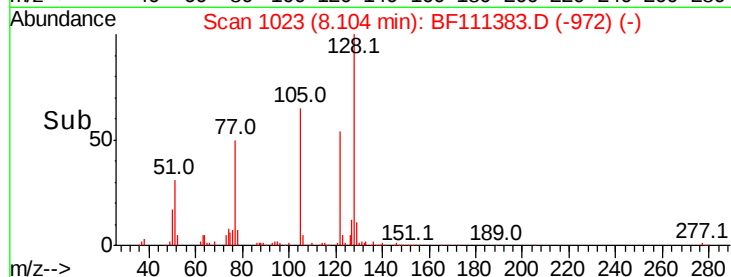
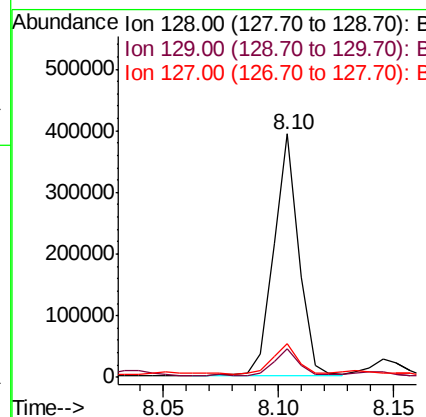
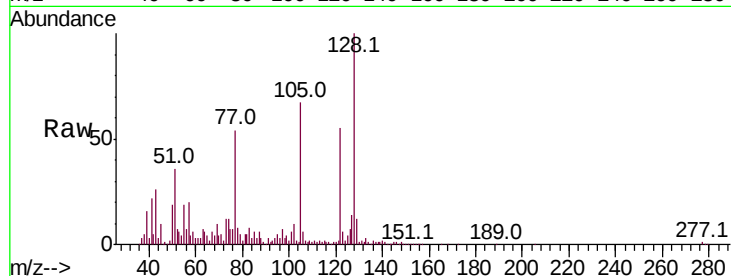
ClientSampleId :

P001-SW003-01

Tot Ion:	128	Resp:	296182
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.8	14.8
127	13.8	12.0	18.0

Manual Integrations
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#39

Acenaphthene-d10

Concen: 20.000 ng

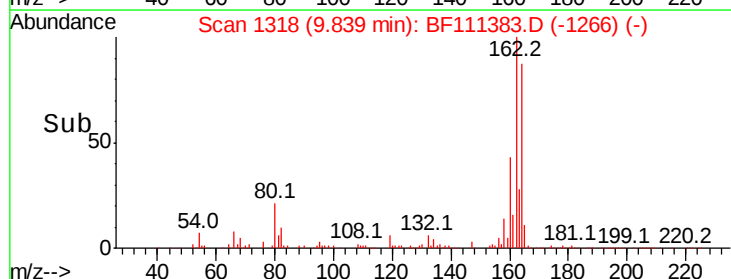
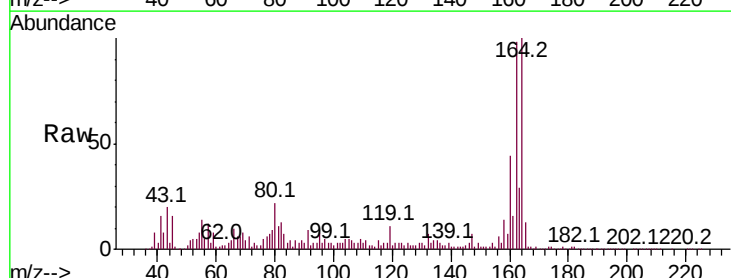
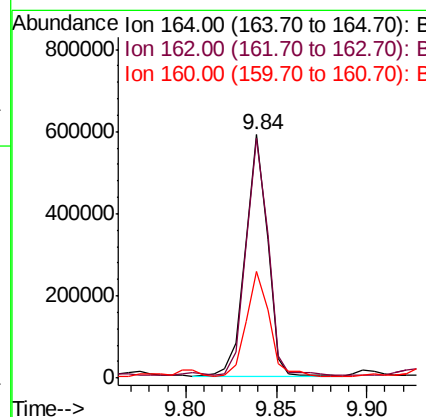
RT: 9.84 min Scan# 1318

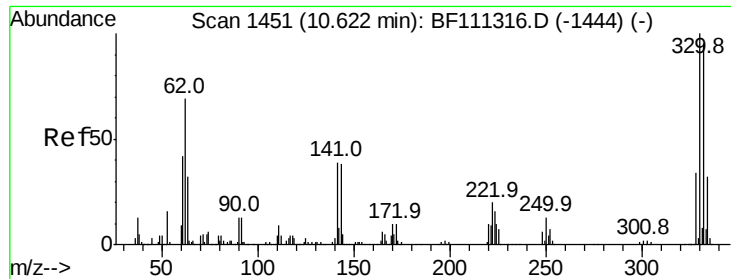
Delta R.T. 0.01 min

Lab File: BF111383.D

Acq: 13 Dec 2018 21:25

Tgt Ion:	164	Resp:	500509
Ion Ratio	Lower	Upper	
164	100		
162	98.3	81.4	122.0
160	43.6	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 103.112 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF111383.D

Acq: 13 Dec 2018 21:25

Instrument :

BNA_F

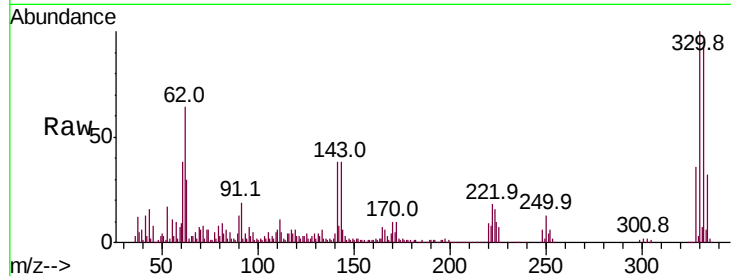
ClientSampleId :

P001-SW003-01

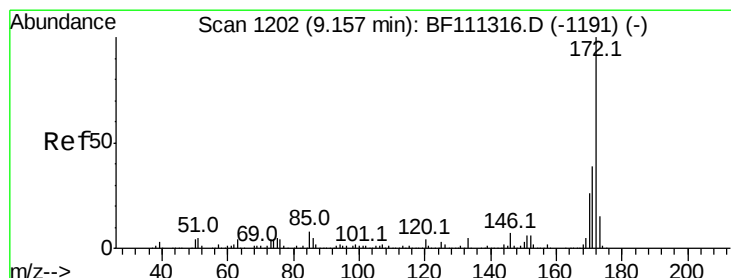
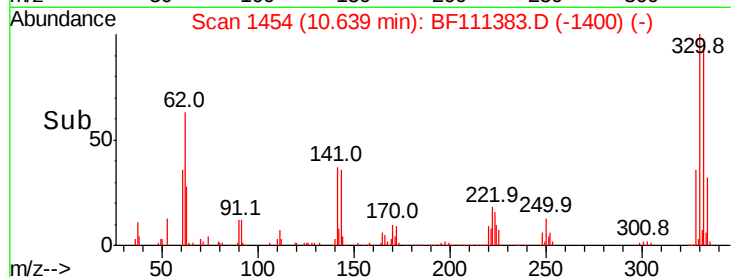
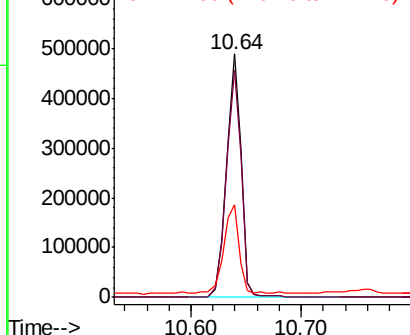
Tot Ion:	330	Resp:	454937
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.0	114.0
141	37.6	31.0	46.6

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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: 86.960 ng

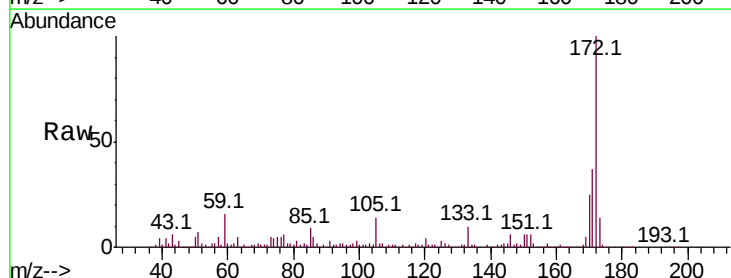
RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

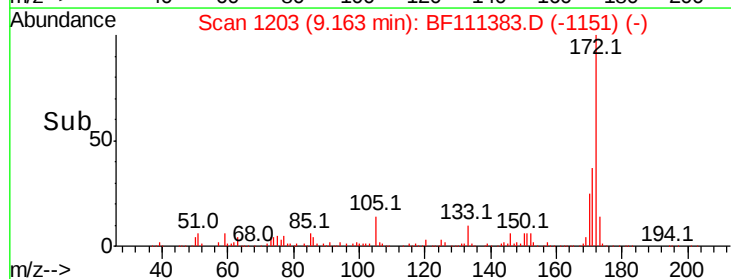
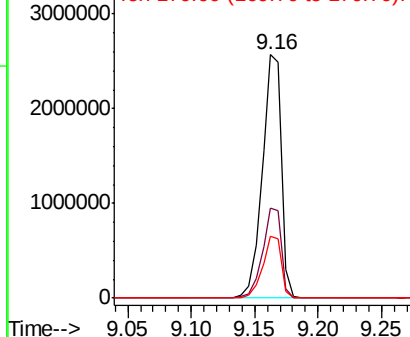
Lab File: BF111383.D

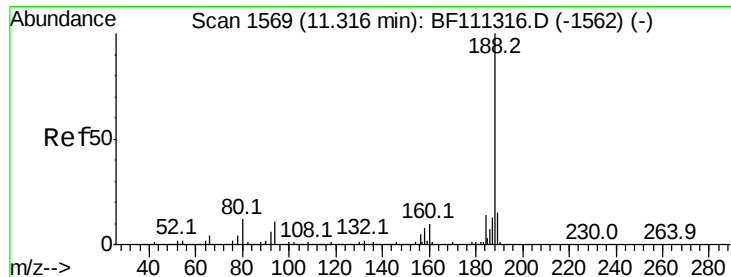
Acq: 13 Dec 2018 21:25

Tgt Ion:	172	Resp:	2710967
Ion Ratio	Lower	Upper	
172	100		
171	36.8	33.0	49.4
170	25.4	22.3	33.5



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





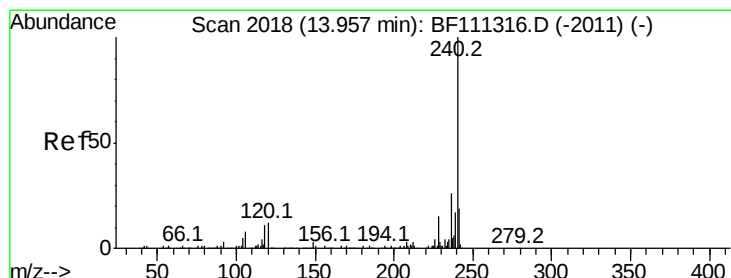
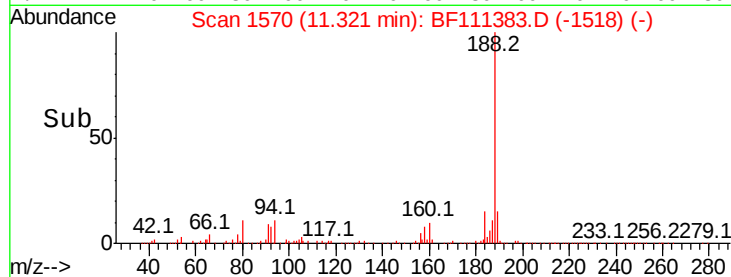
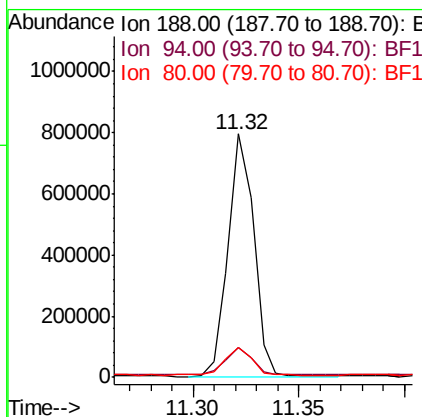
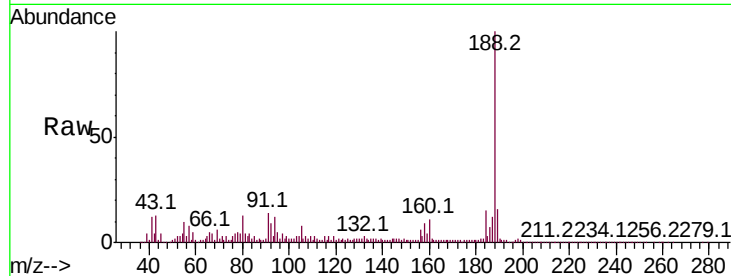
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.3	9.6	14.4
80	12.5	9.8	14.6

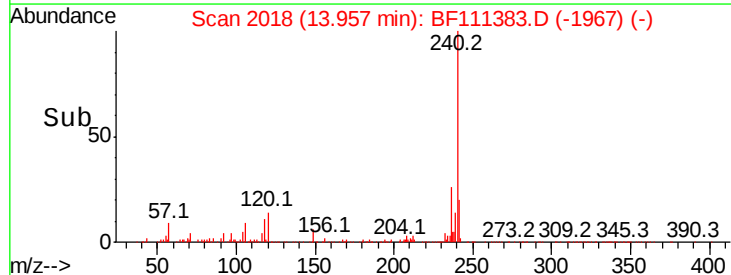
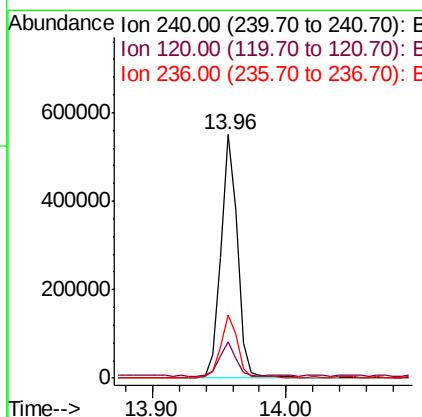
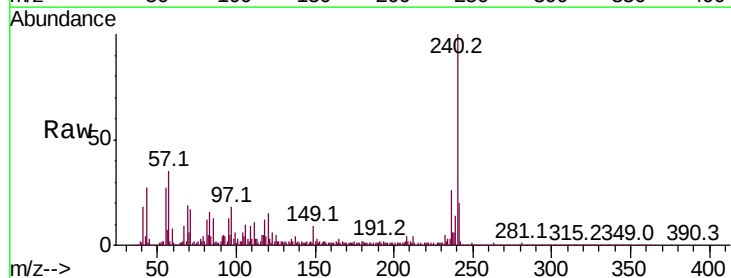
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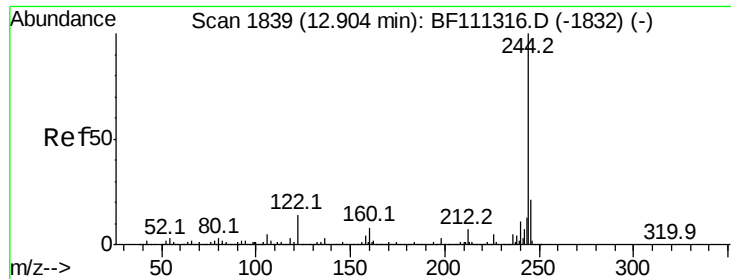
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.1	12.2	18.2
236	26.1	20.2	30.2





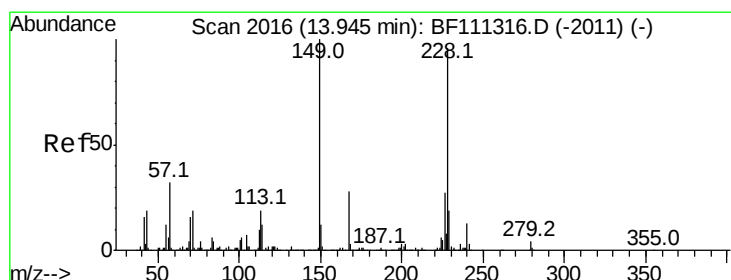
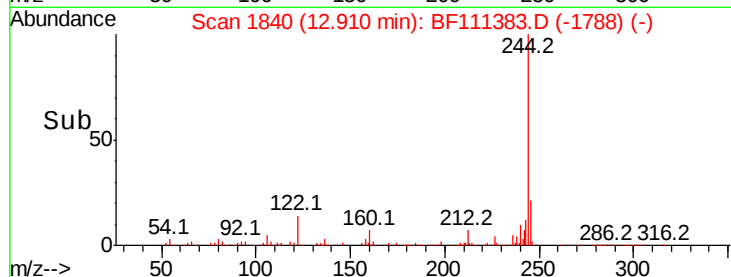
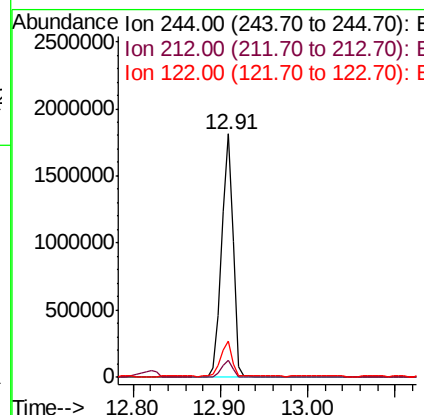
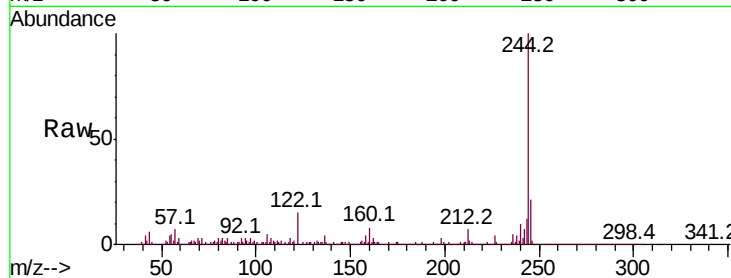
#79
 Terphenyl-d14
 Concen: 76.308 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111383.D
 Acq: 13 Dec 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	14.7	13.1	19.7

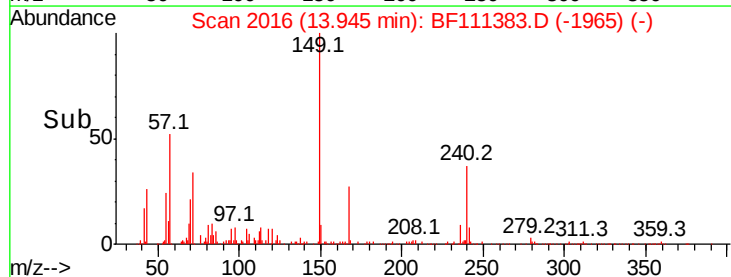
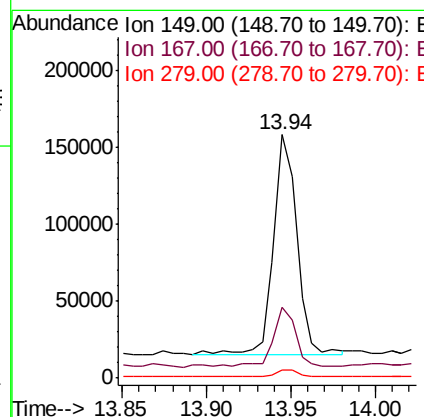
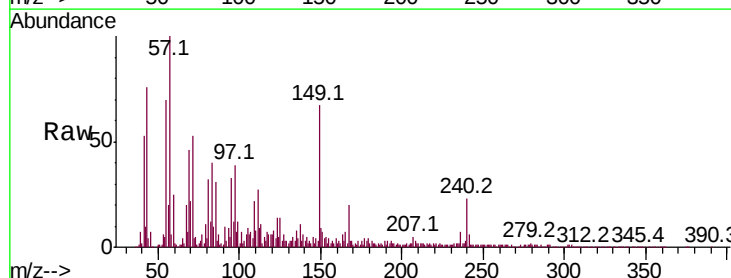
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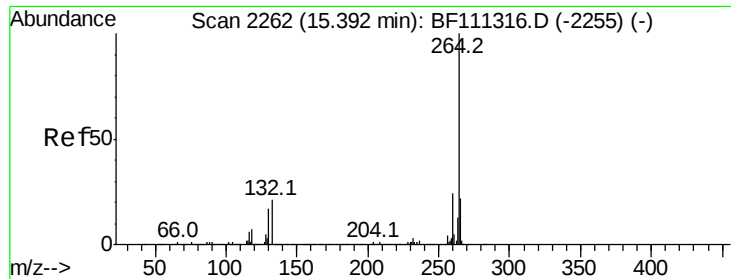
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.273 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF111383.D
 Acq: 13 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.5	33.7
279	3.3	2.6	4.0





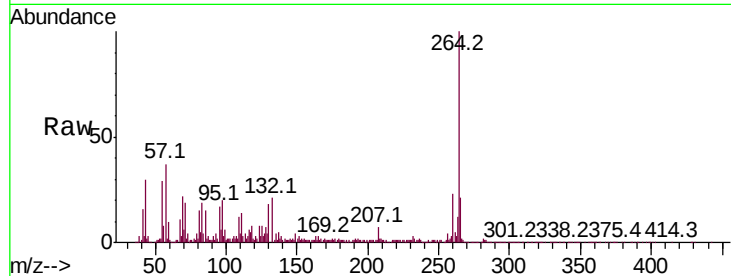
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111383.D
Acq: 13 Dec 2018 21:25

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.3	17.7	26.5

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Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

