

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121085.D
 Acq On : 28 Jul 2020 23:27
 Operator : JU/CG
 Sample : L3404-02 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
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mohammad
 7/29/2020 11:47:47 AM

Quant Time: Jul 29 09:41:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	172679	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	671521	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	356688	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	699435	20.00	ng	0.00
76) Chrysene-d12	13.97	240	566302	20.00	ng	0.00
86) Perylene-d12	15.43	264	489109	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	78271	7.43	ng	0.07
7) Phenol-d6	6.76	99	67067m	4.93	ng	0.31
23) Nitrobenzene-d5	7.39	82	197918	17.05	ng	0.01
42) 2,4,6-Tribromophenol	10.64	330	57091	14.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	474387	19.86	ng	0.00
79) Terphenyl-d14	12.92	244	537892	20.65	ng	0.00
Target Compounds						
32) Benzoic acid	8.07	122	174679m	24.126	ng	Qvalue 99
50) Dimethylphthalate	9.57	163	61060	2.373	ng	

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

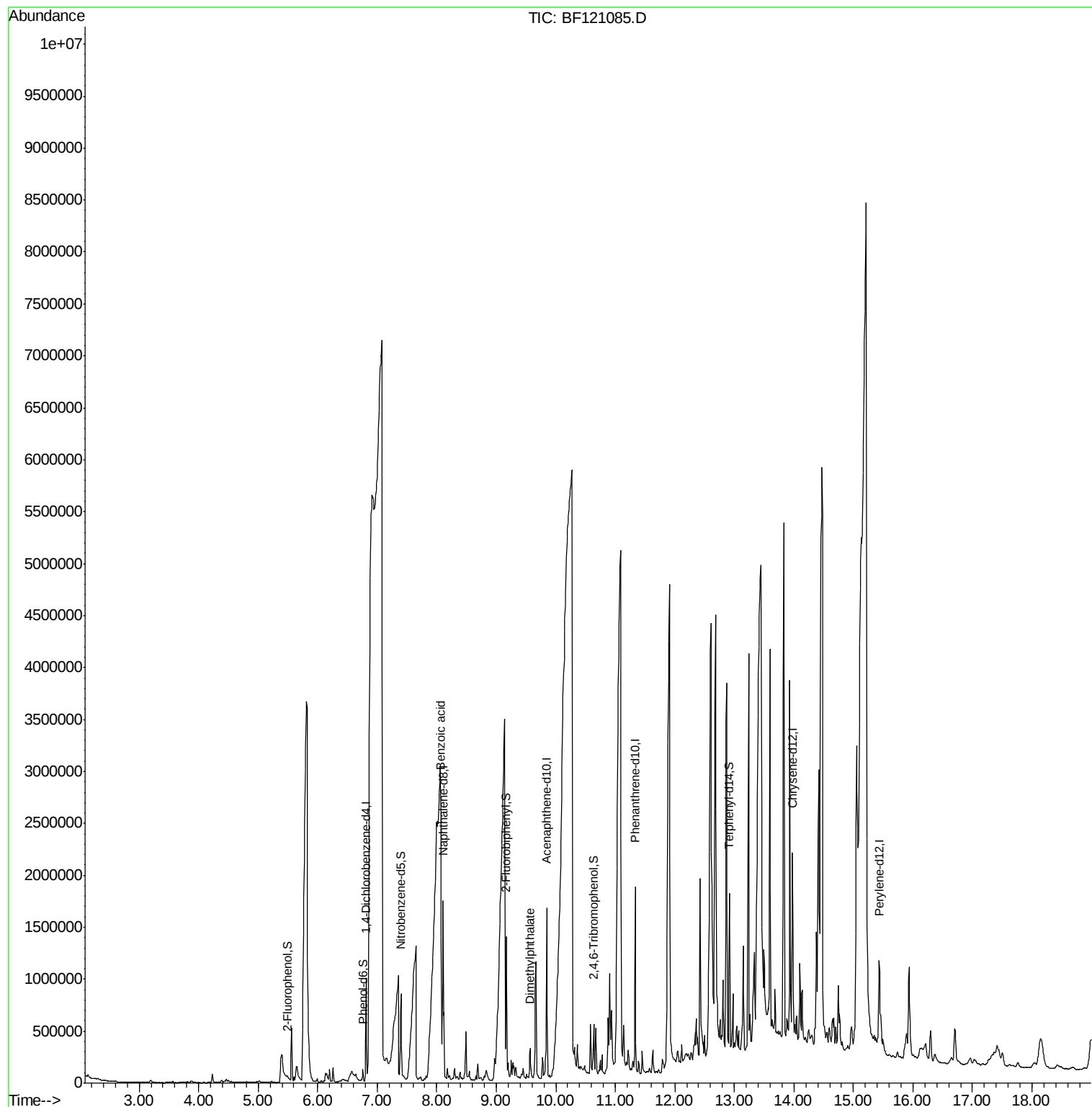
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121085.D
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#1

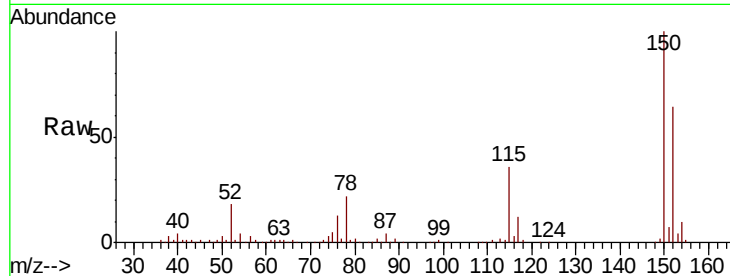
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampleId :
EFF-WW

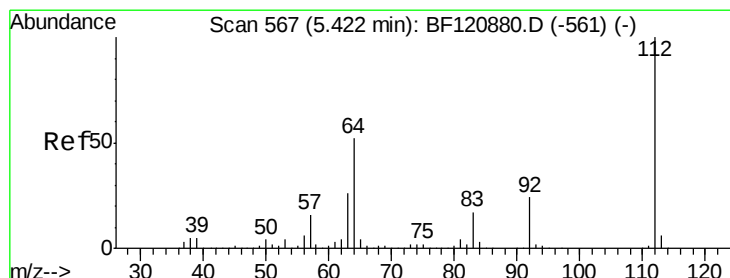
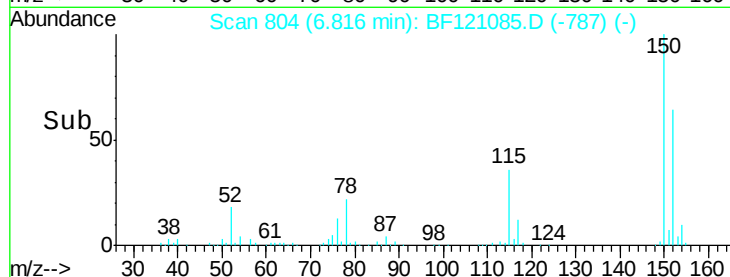
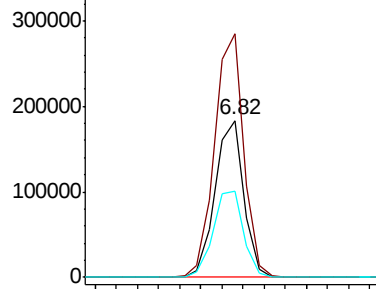
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.0	187.6
115	55.4	47.0	70.4

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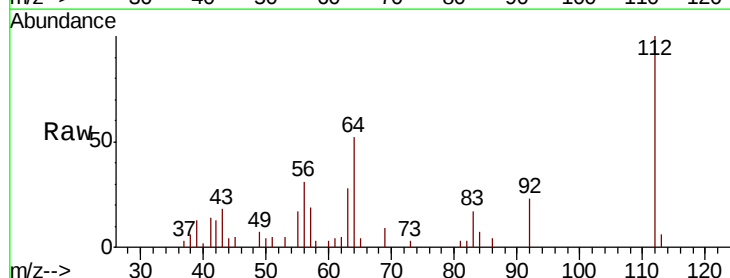
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



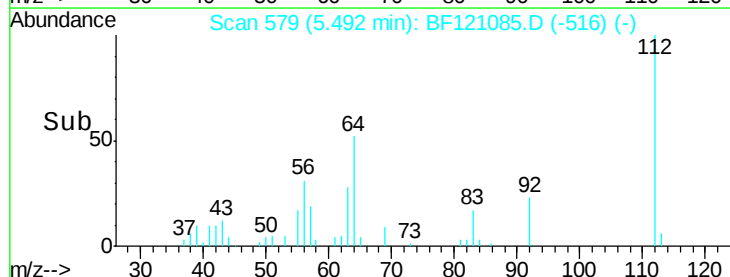
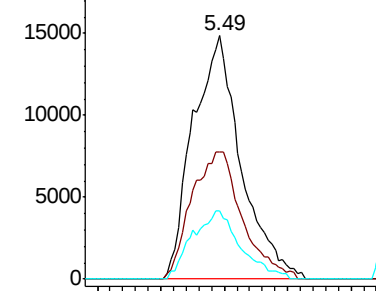
#5

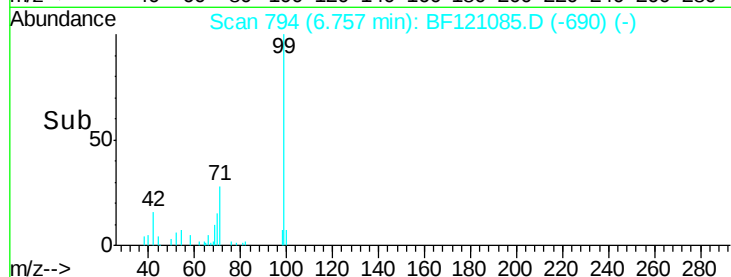
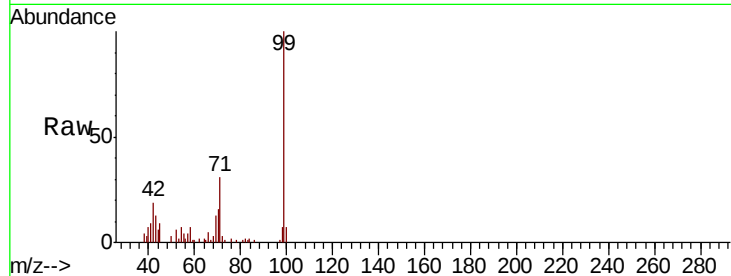
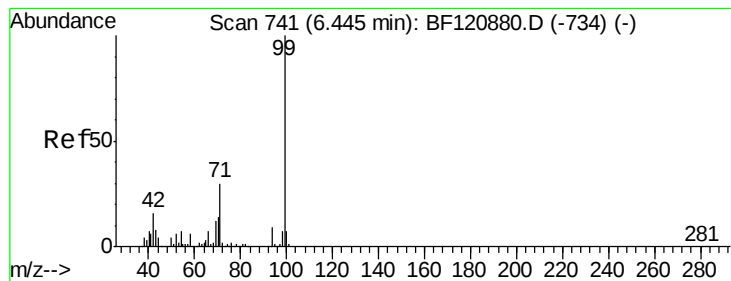
2-Fluorophenol
Concen: 7.431 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.07 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.3	61.9
63	28.2	21.1	31.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 4.929 ng/mL

RT: 6.76 min Scan# 794

Delta R.T. 0.31 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

Tot Ion:	99	Resp:	67067
Ion Ratio	Lower	Upper	
99	100		
42	19.4	13.1	19.7
71	31.3	24.2	36.4

Instrument :

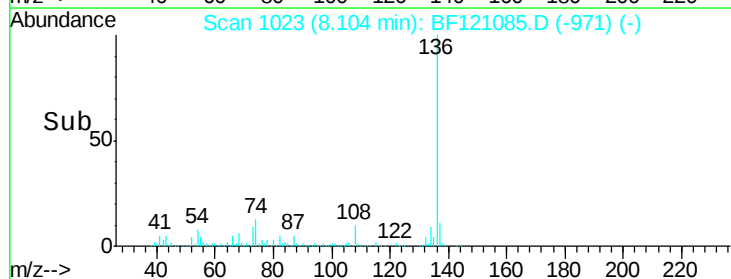
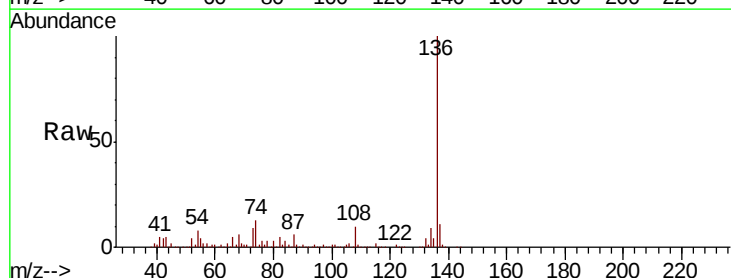
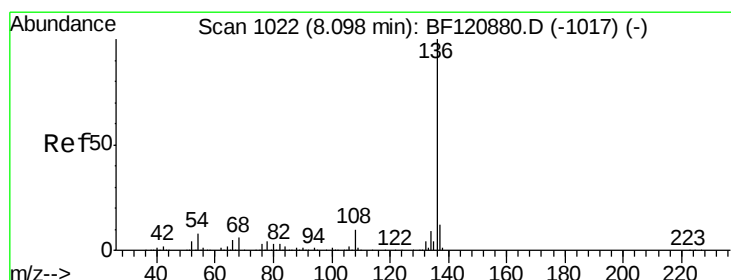
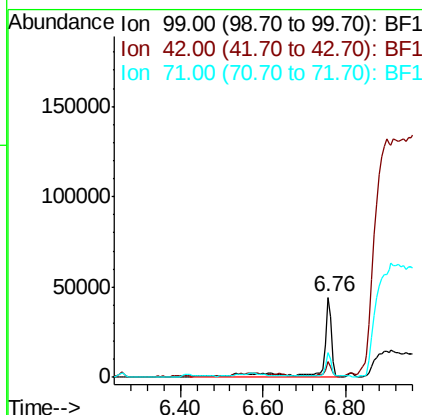
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#21

Naphthalene-d8

Concen: 20.000 ng

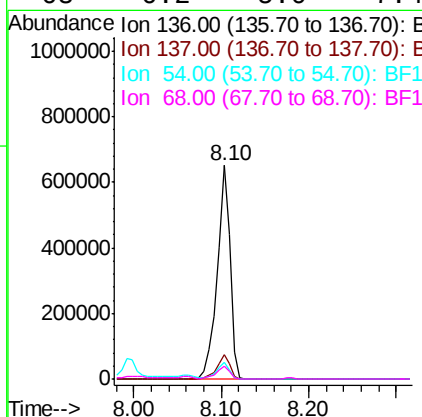
RT: 8.10 min Scan# 1023

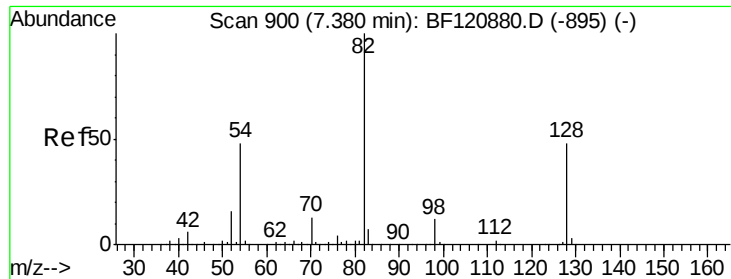
Delta R.T. 0.01 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

Tgt Ion:	136	Resp:	671521
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.3	13.9
54	7.6	6.3	9.5
68	6.2	5.0	7.4





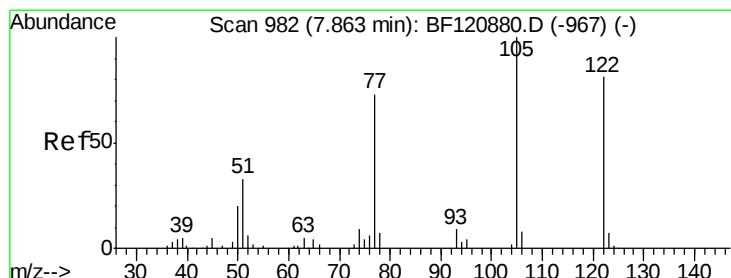
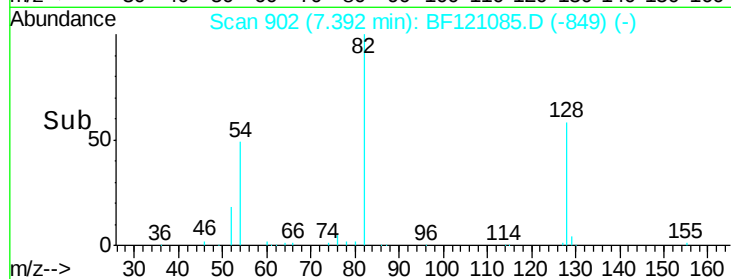
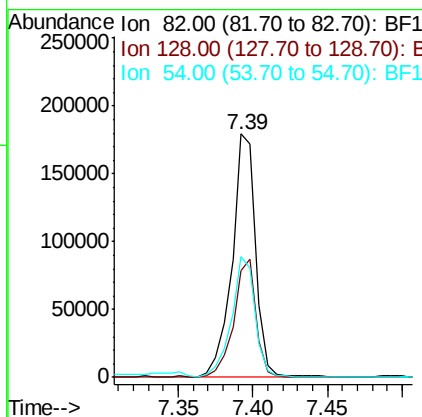
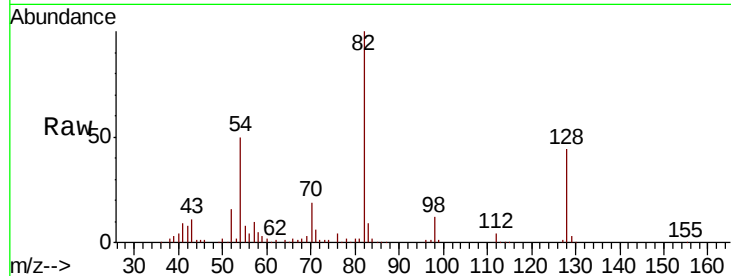
#23
Nitrobenzene-d5
Concen: 17.054 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampled :
EFF-WW

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	38.2	57.4
54	49.8	38.7	58.1

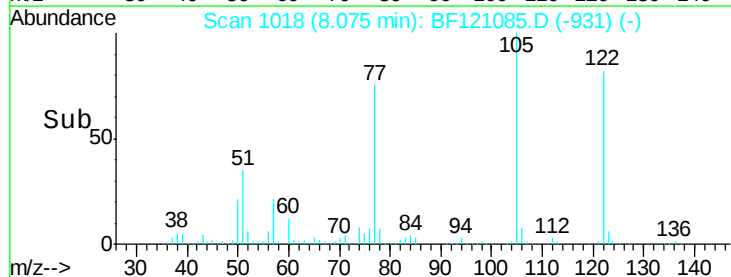
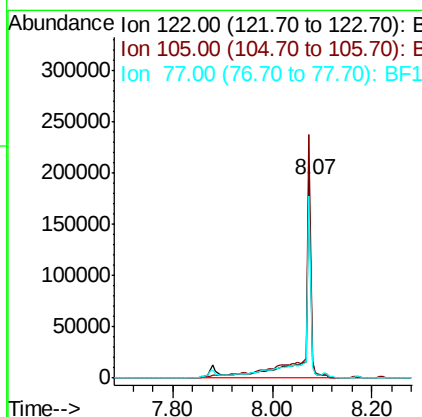
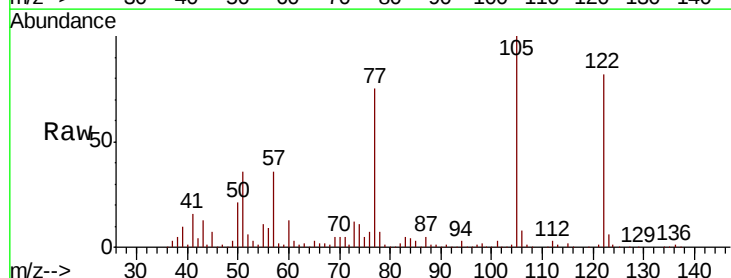
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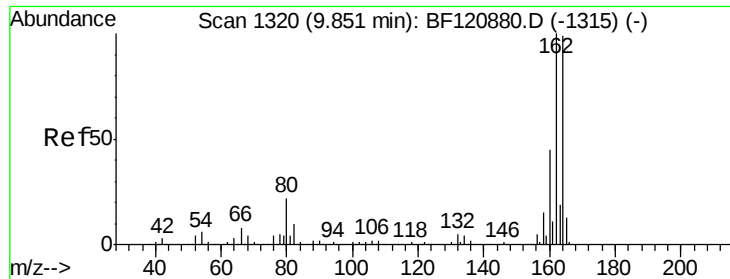
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#32
Benzoic acid
Concen: 24.126 ng m
RT: 8.07 min Scan# 1018
Delta R.T. 0.21 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	101.3	141.3
77	91.8	69.1	109.1





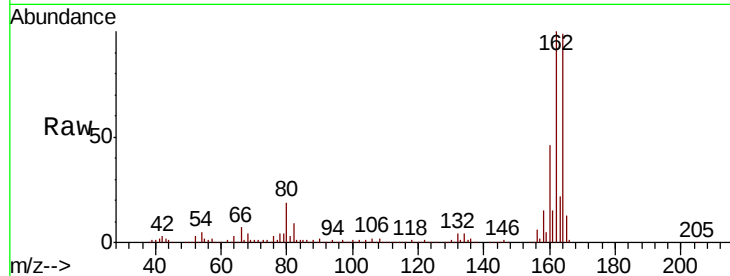
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	81.2	121.8	
160	46.1	36.9	55.3	

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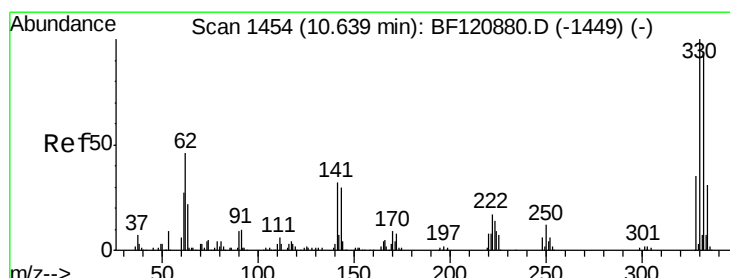
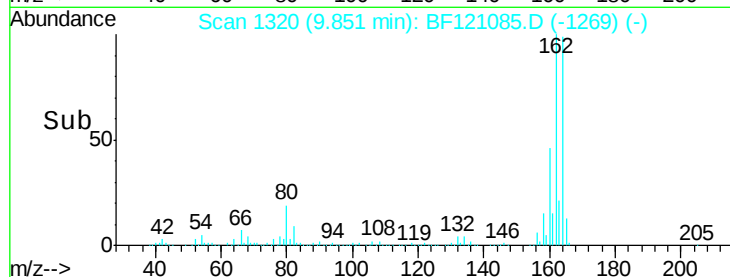
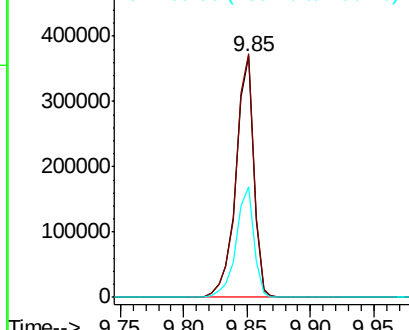


Abundance

Ion 164.00 (163.70 to 164.70): E

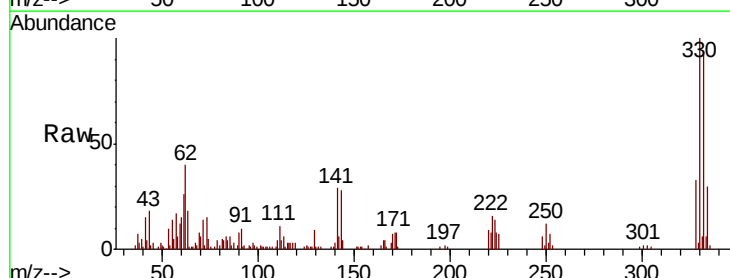
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 14.623 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	75.5	113.3	
141	34.3	25.7	38.5	

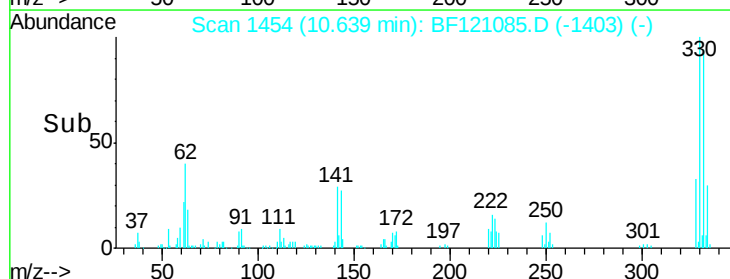
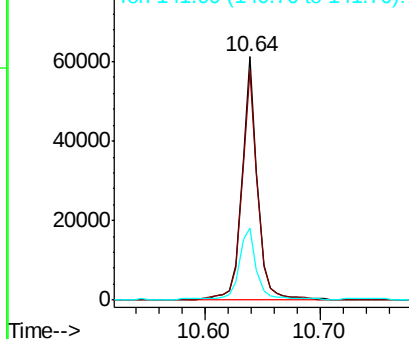


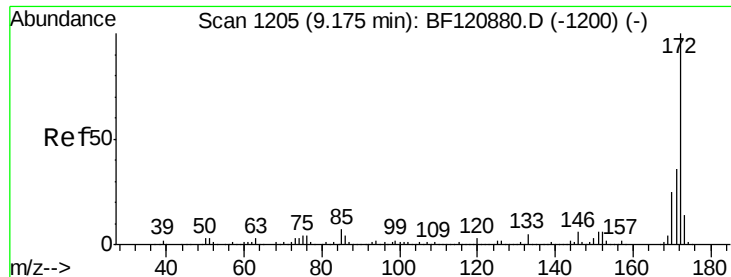
Abundance

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





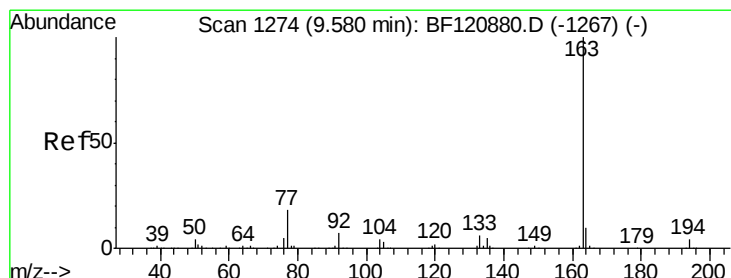
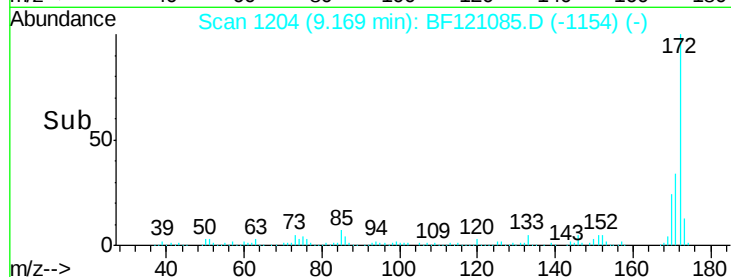
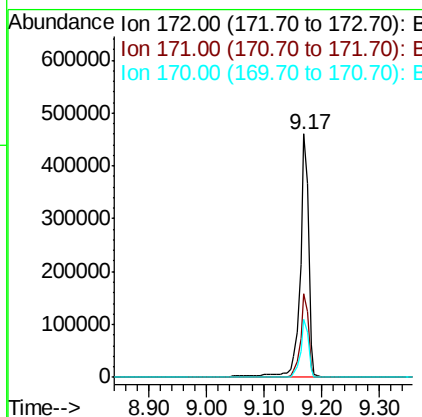
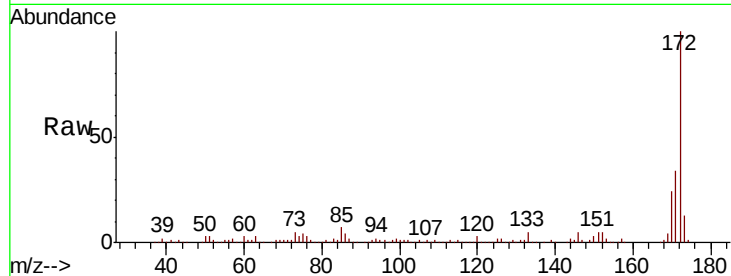
#45
2-Fluorobiphenyl
Concen: 19.857 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	172	Resp:	474387
Ion Ratio	Lower	Upper	
172	100		
171	34.5	29.0	43.4
170	23.6	19.6	29.4

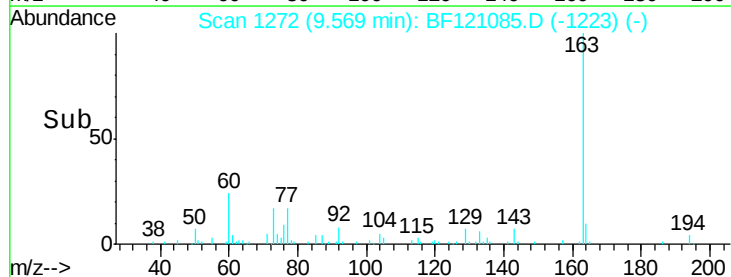
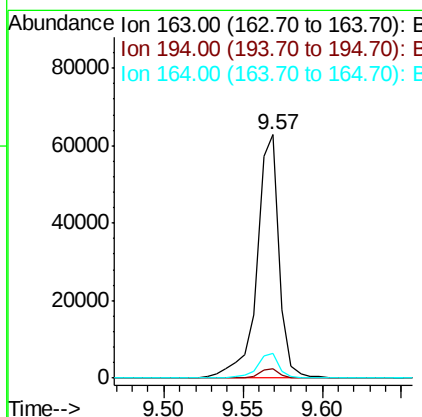
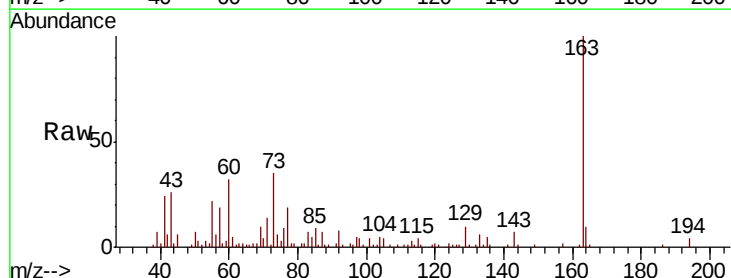
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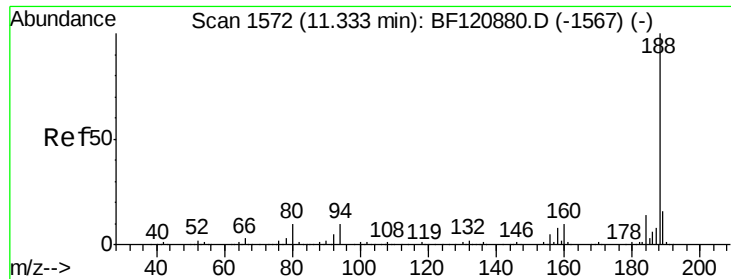
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#50
Dimethylphthalate
Concen: 2.373 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF121085.D
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Tgt Ion:	163	Resp:	61060
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.2	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

Instrument :

BNA_F

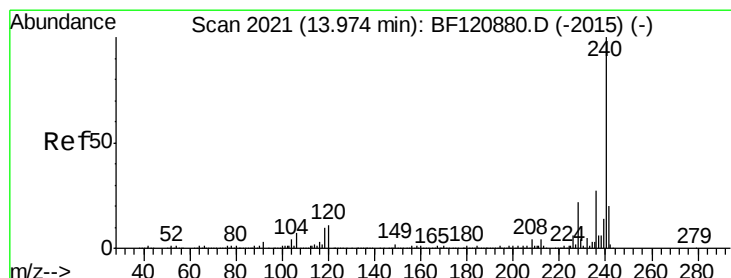
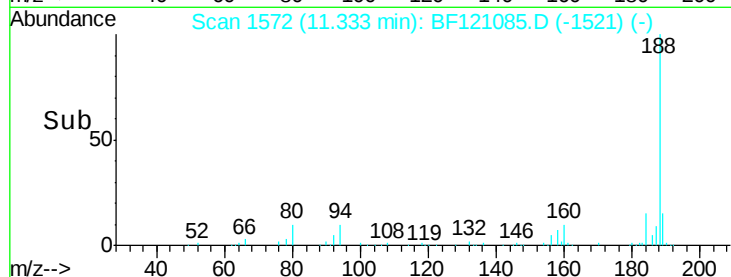
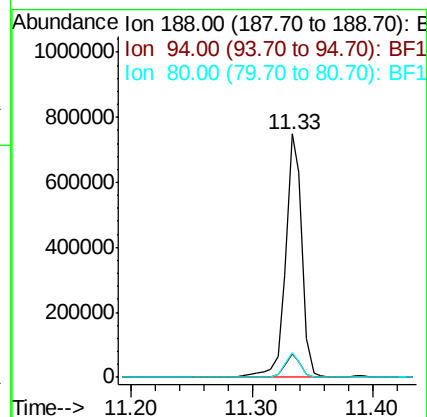
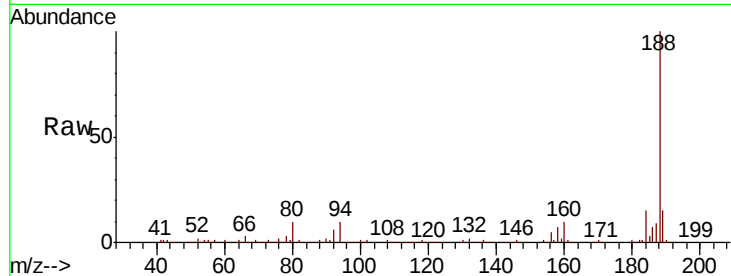
ClientSampled :

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Tot Ion:	188	Resp:	699435
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.0	12.0
80	10.3	8.3	12.5

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#76

Chrysene-d12

Concen: 20.000 ng

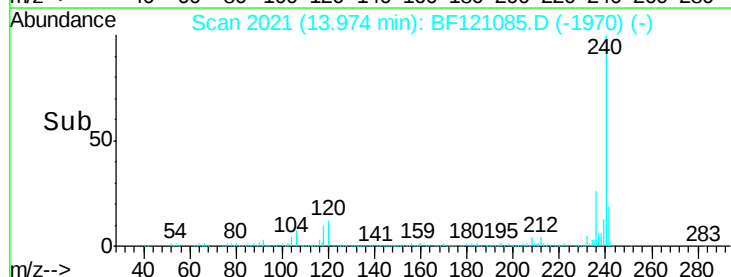
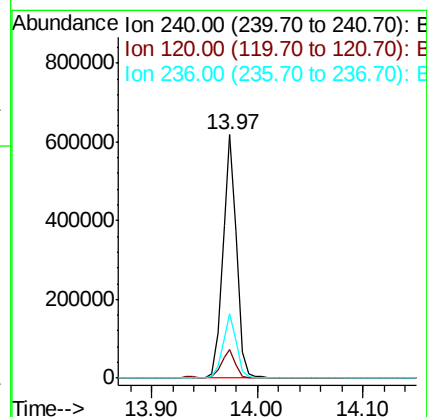
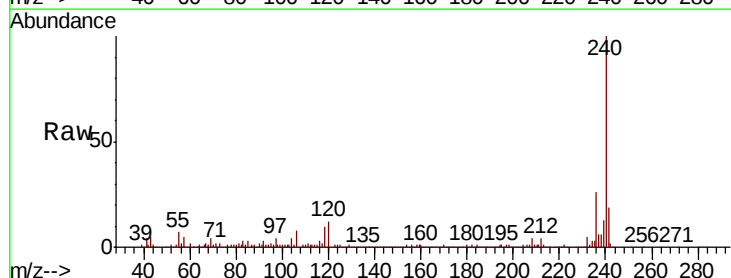
RT: 13.97 min Scan# 2021

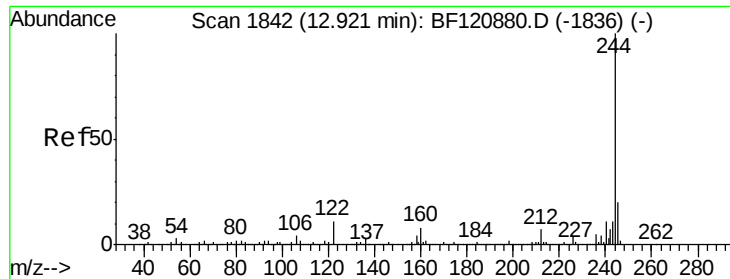
Delta R.T. 0.00 min

Lab File: BF121085.D

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Tgt Ion:	240	Resp:	566302
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.0	13.4
236	26.4	21.7	32.5





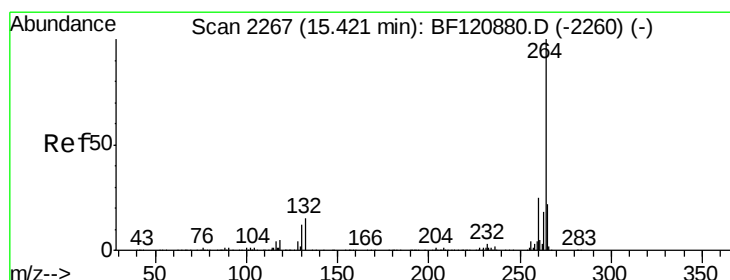
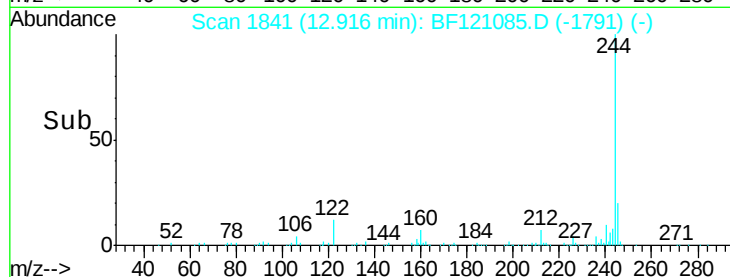
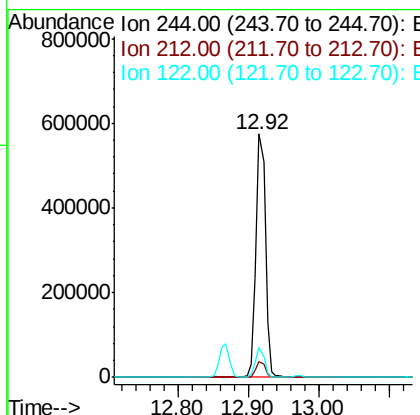
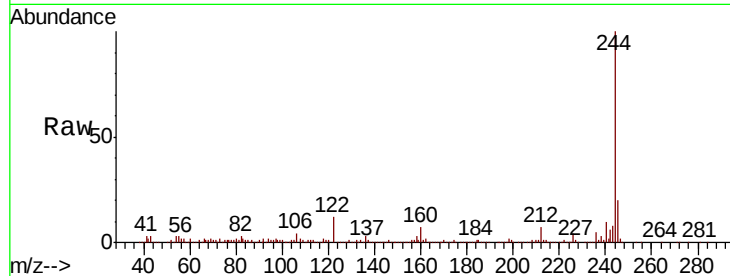
#79
 Terphenyl-d14
 Concen: 20.647 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF121085.D
 Acq: 28 Jul 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	12.5	8.9	13.3

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF121085.D
 Acq: 28 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.1	17.4	26.2

