

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117867.D
 Acq On : 19 Nov 2019 18:47
 Operator : JU
 Sample : K5865-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-(6-8)

Quant Time: Nov 20 01:12:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

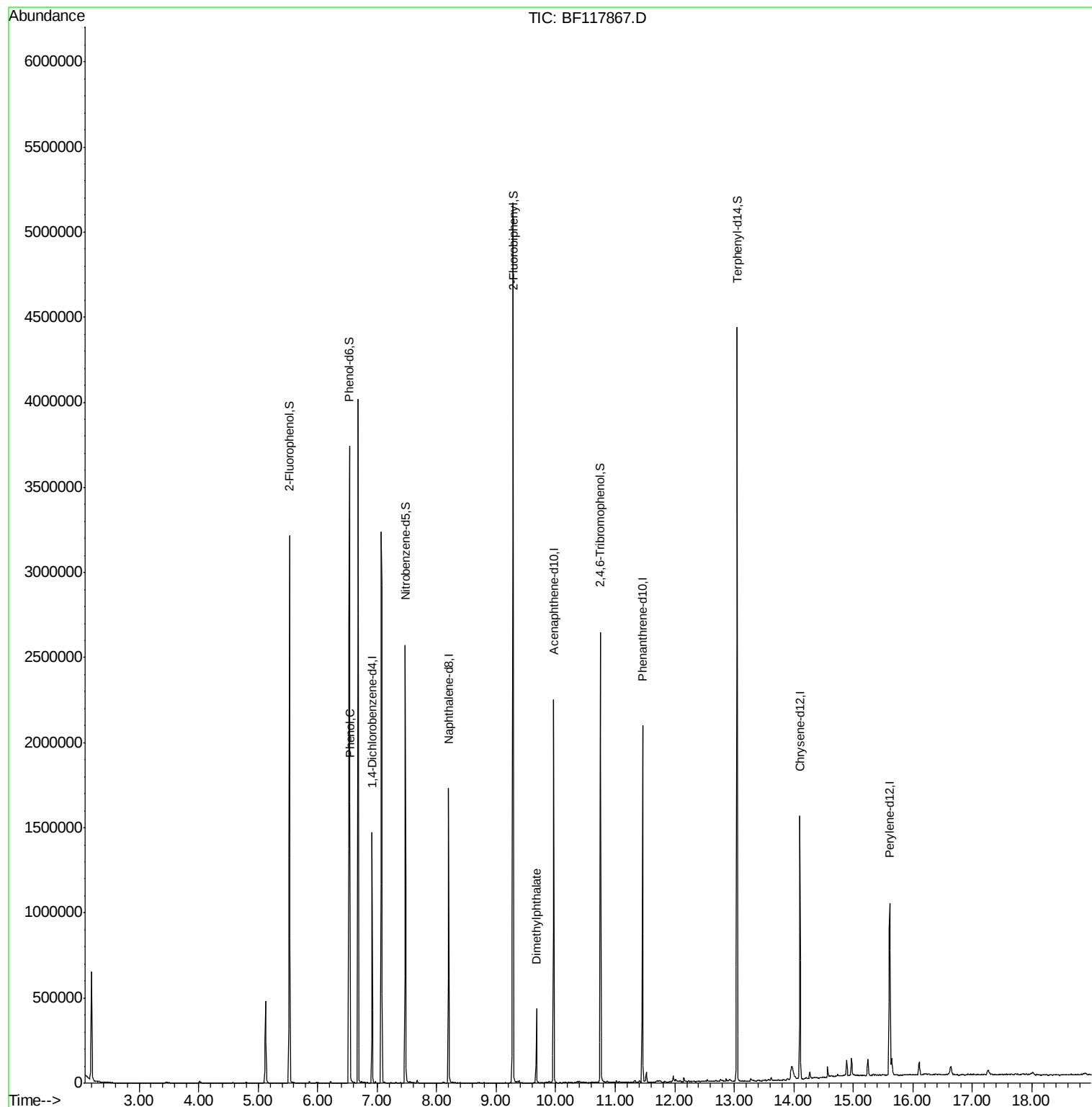
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	201290	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	796965	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	418332	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	738024	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	462100	20.00	ng	-0.01
87) Perylene-d12	15.61	264	477080	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	880331	77.41	ng	0.00
7) Phenol-d6	6.53	99	1239608	90.38	ng	-0.01
23) Nitrobenzene-d5	7.47	82	746748	55.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	295127	66.64	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	1445717	62.00	ng	-0.01
79) Terphenyl-d14	13.05	244	1422501	56.26	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	57368	4.025	ng	95
50) Dimethylphthalate	9.67	163	184506	6.290	ng	96

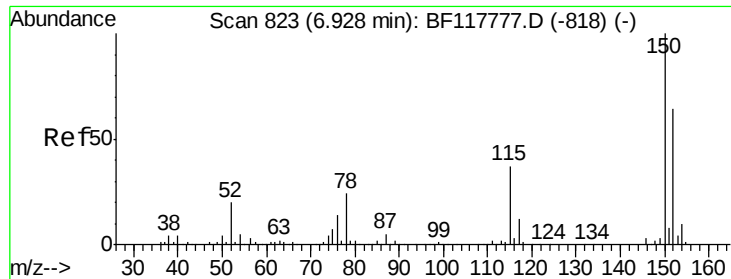
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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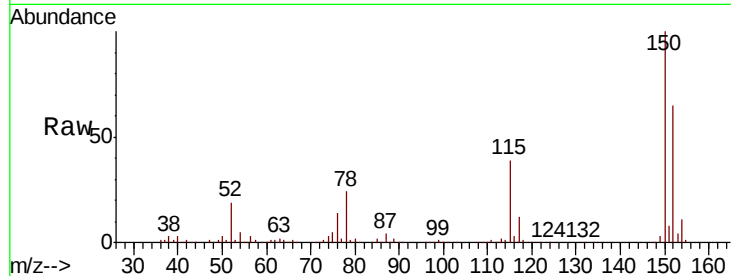


#1

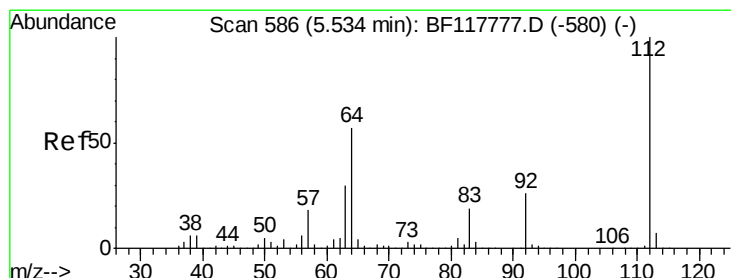
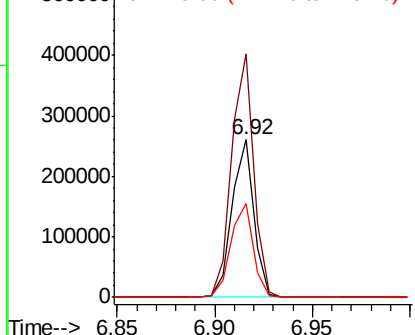
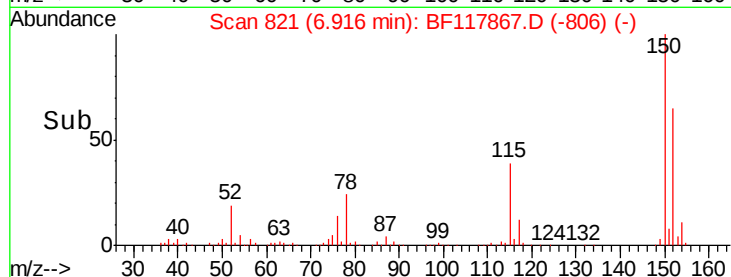
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :
2-(6-8)

Tot Ion:152 Resp: 201290
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 59.5 47.0 70.4



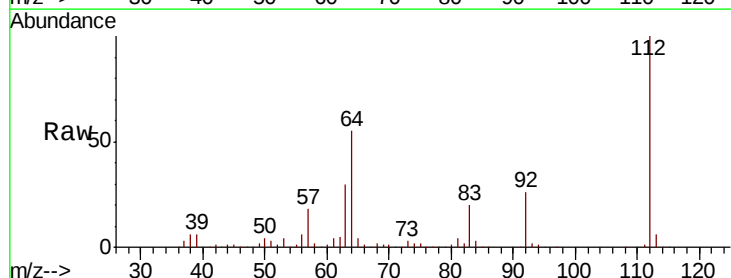
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



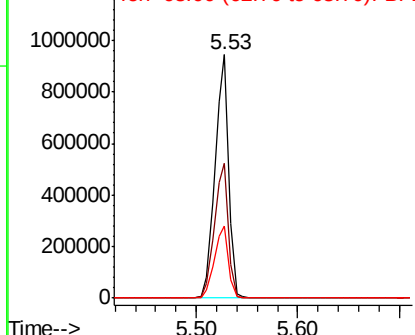
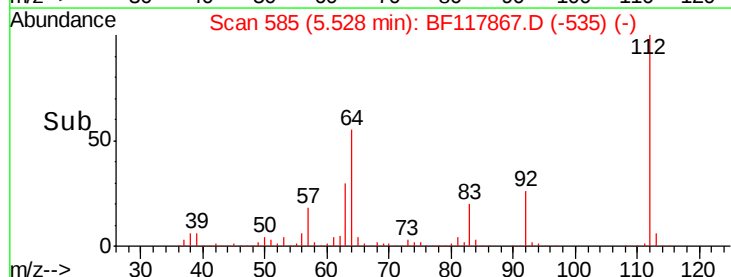
#5

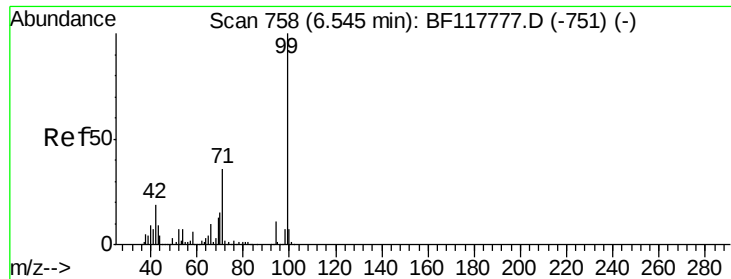
2-Fluorophenol
Concen: 77.415 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:112 Resp: 880331
Ion Ratio Lower Upper
112 100
64 55.4 45.6 68.4
63 29.6 24.1 36.1



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: 90.377 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Instrument :

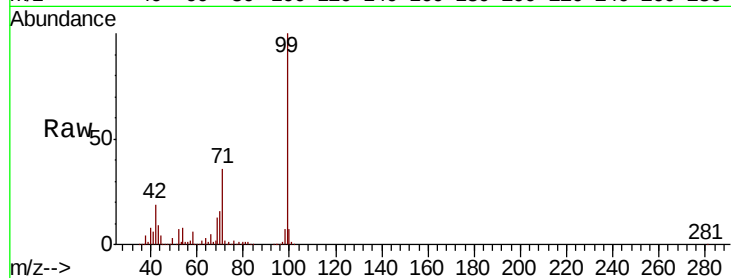
BNA_F

ClientSampleId :

2-(6-8)

Tot Ion: 99 Resp: 1239608

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	36.4	28.6	43.0

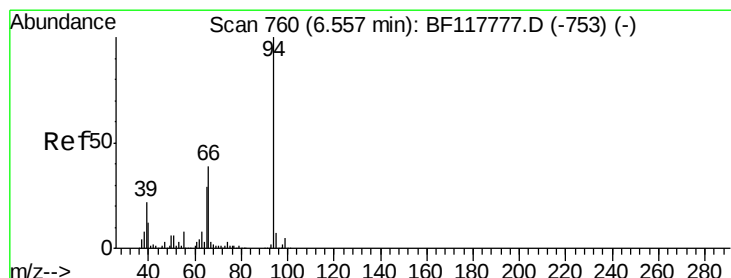
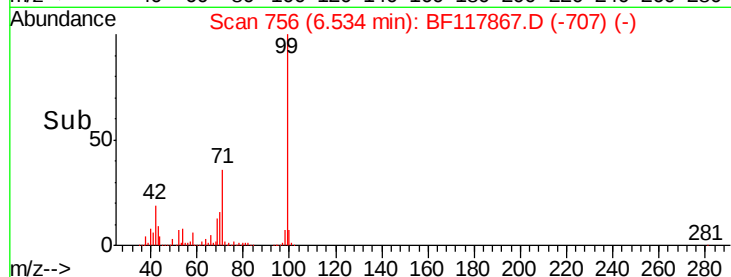
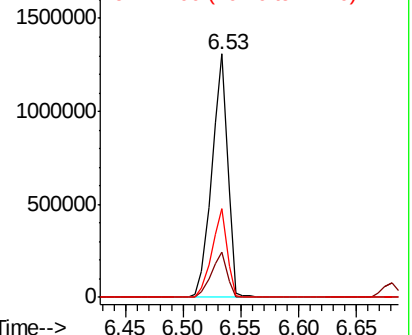


Abundance

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



#10

Phenol

Concen: 4.025 ng

RT: 6.55 min Scan# 758

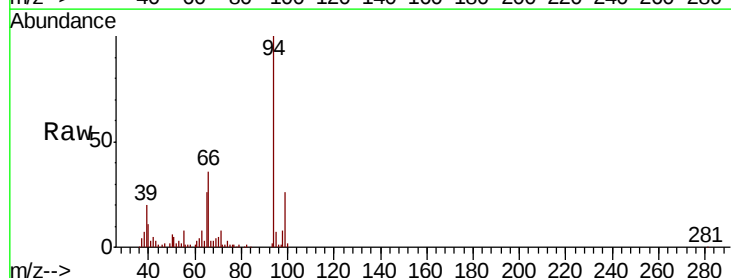
Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Tgt Ion: 94 Resp: 57368

Ion	Ratio	Lower	Upper
94	100		
65	26.2	8.9	48.9
66	36.2	18.7	58.7

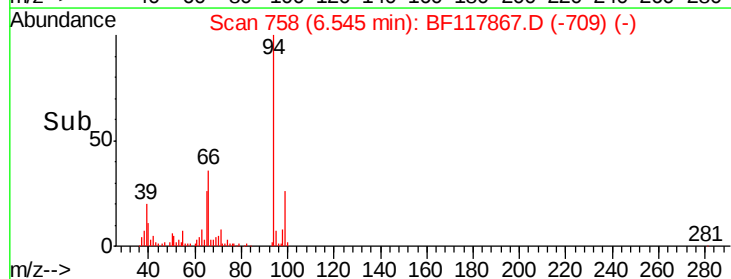
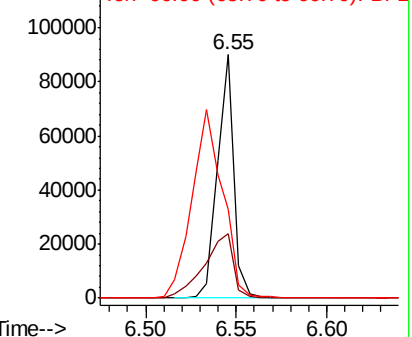


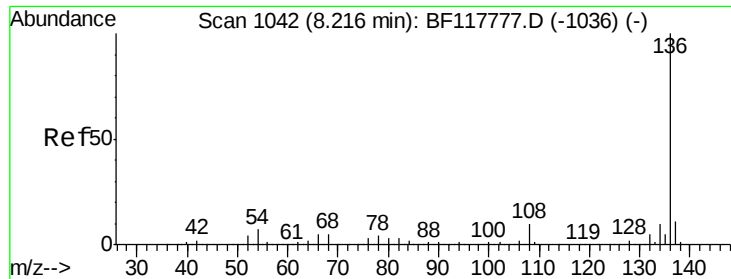
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

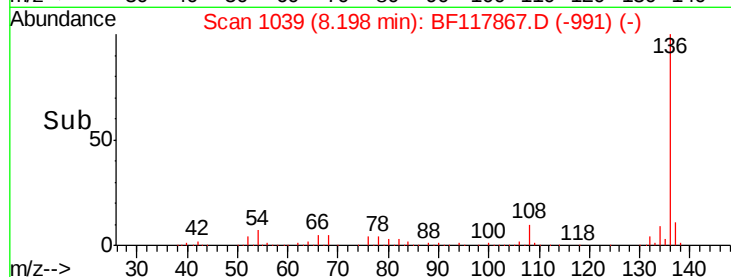
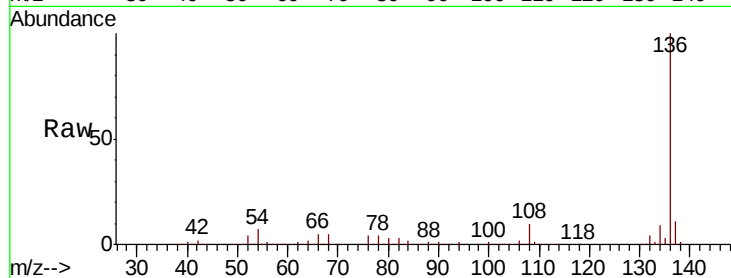




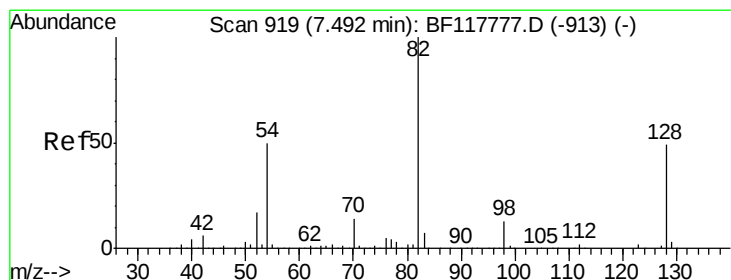
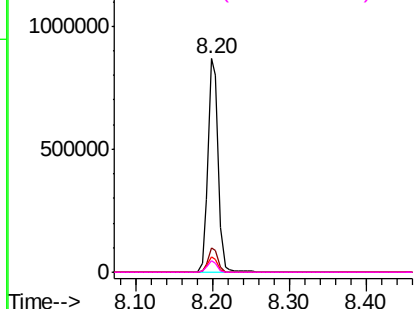
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :
2-(6-8)

Tot Ion:136	Resp:	796965
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.4
54	7.3	5.4 8.2
68	5.5	4.3 6.5

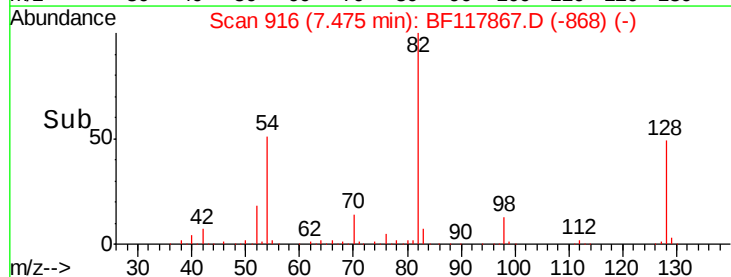
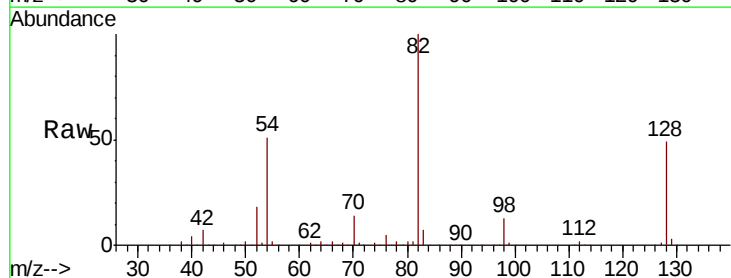


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

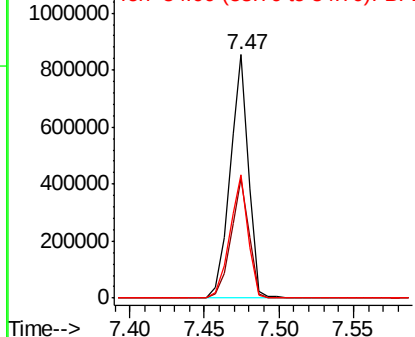


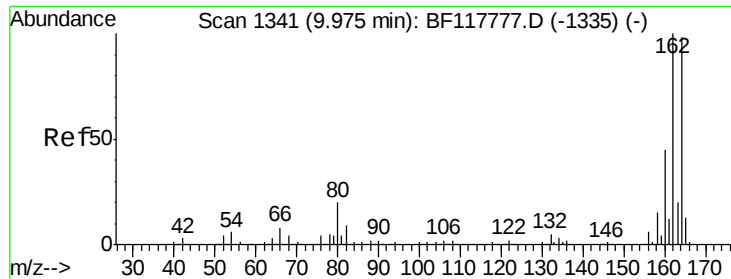
#23
Nitrobenzene-d5
Concen: 55.700 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion: 82	Resp:	746748
Ion Ratio	Lower	Upper
82	100	
128	49.3	38.9 58.3
54	50.8	39.8 59.6



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

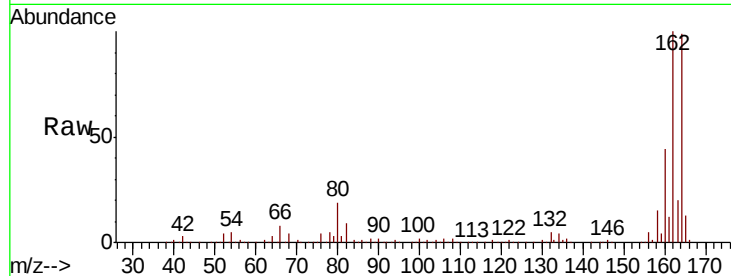




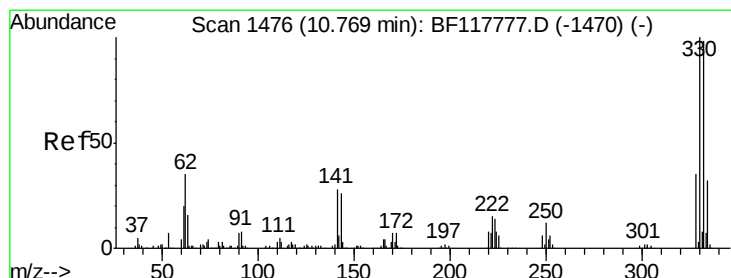
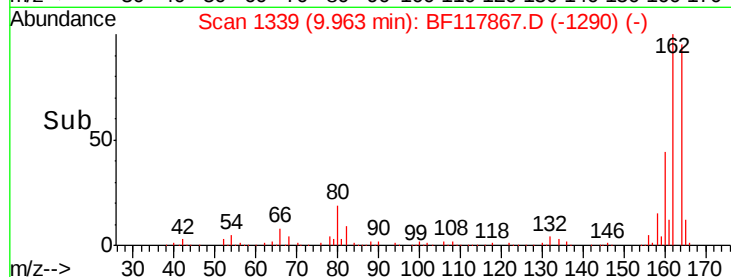
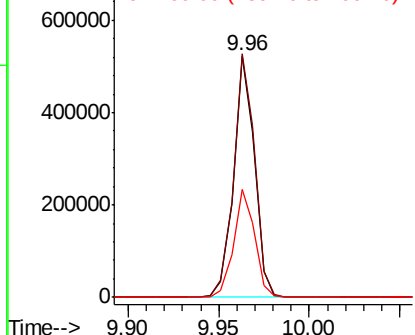
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :
2-(6-8)

Tot Ion:164 Resp: 418332
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.6 36.6 55.0

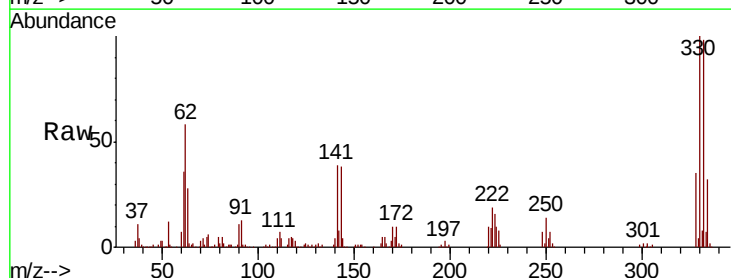


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

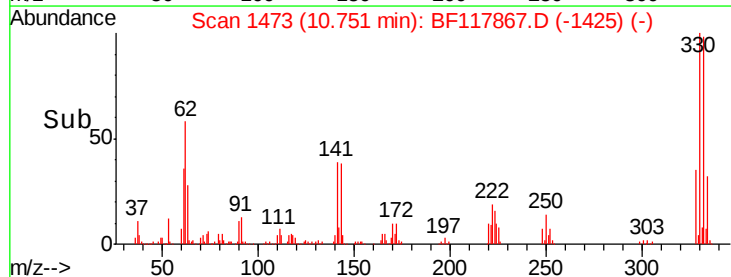
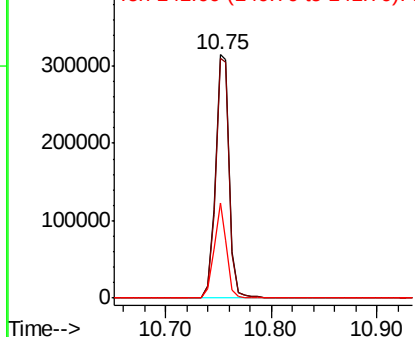


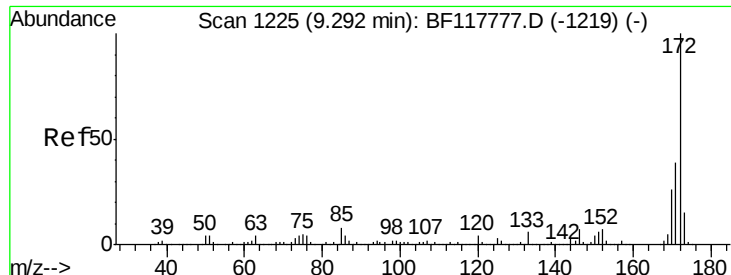
#42
2,4,6-Tribromophenol
Concen: 66.638 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:330 Resp: 295127
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 34.8 27.7 41.5



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



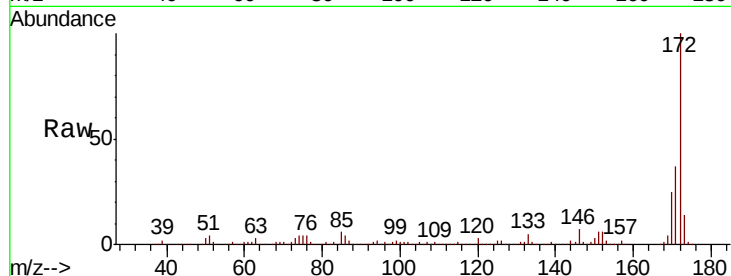


#45
 2-Fluorobiphenyl
 Concen: 62.000 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117867.D
 Acq: 19 Nov 2019 18:47

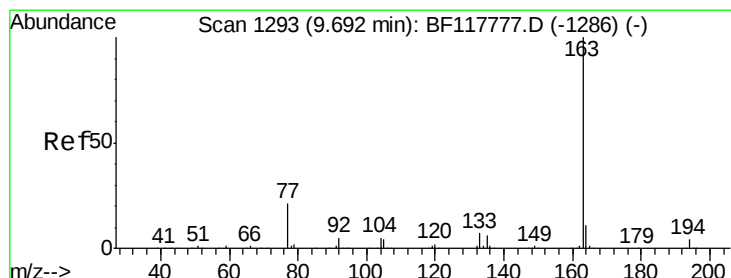
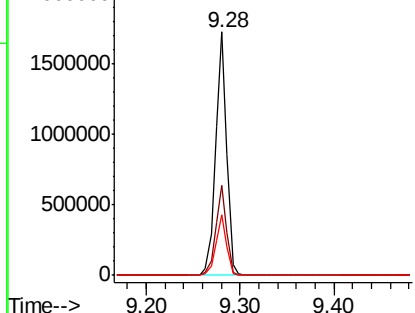
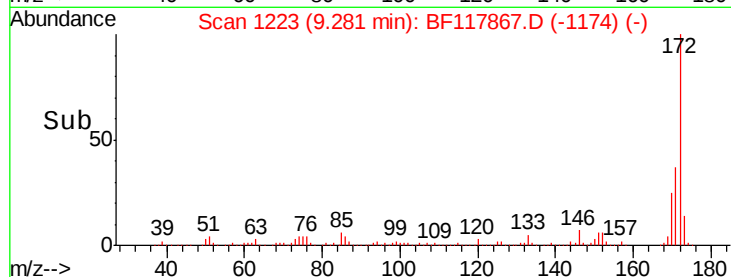
Instrument :
 BNA_F
 ClientSampleId :
 2-(6-8)

Tot Ion:172 Resp: 1445717

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.9	46.3
170	24.9	21.0	31.4



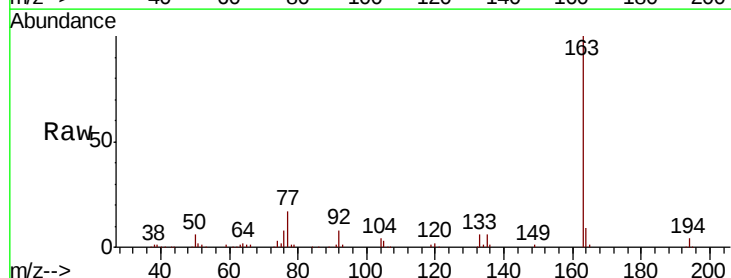
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



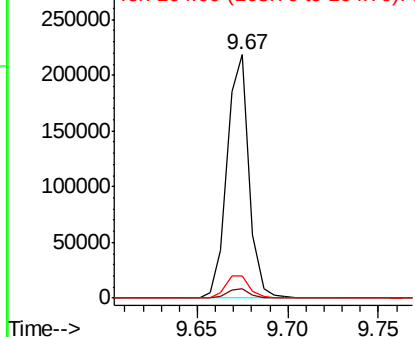
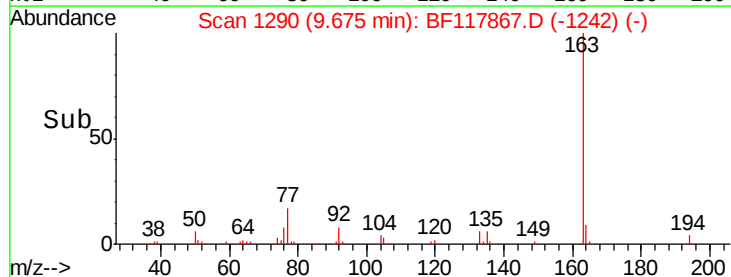
#50
 Dimethylphthalate
 Concen: 6.290 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117867.D
 Acq: 19 Nov 2019 18:47

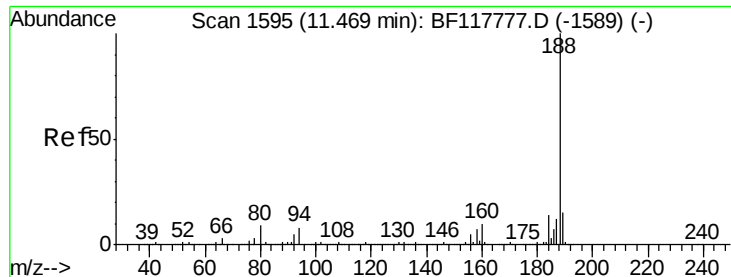
Tgt Ion:163 Resp: 184506

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	8.9	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Instrument :

BNA_F

ClientSampleId :

2-(6-8)

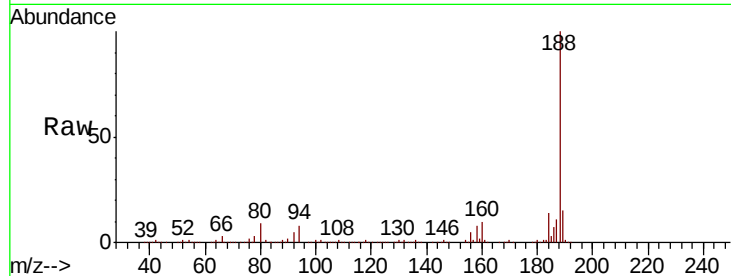
Tot Ion:188 Resp: 738024

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 8.9 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

1200000

800000

600000

400000

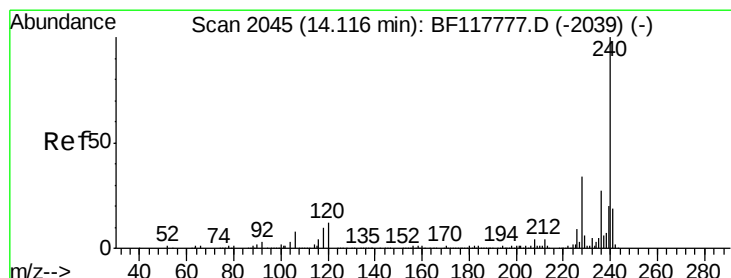
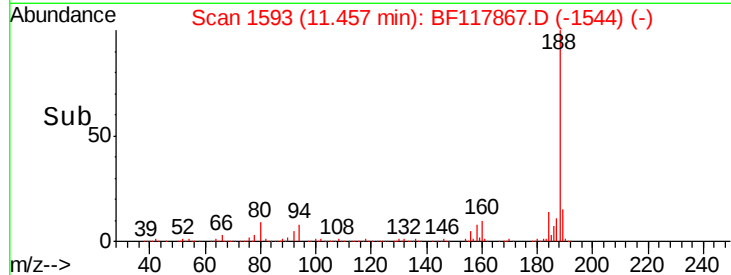
200000

0

11.46

11.40 11.45 11.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

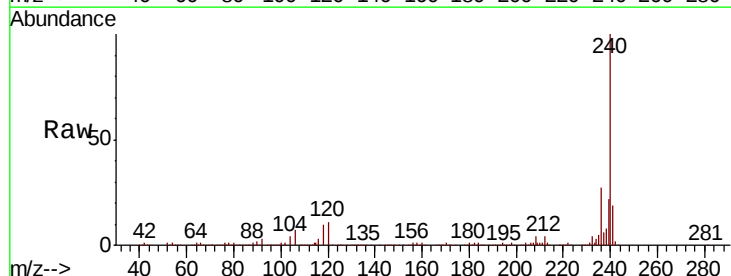
Tgt Ion:240 Resp: 462100

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

236 26.7 21.3 31.9



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

600000

400000

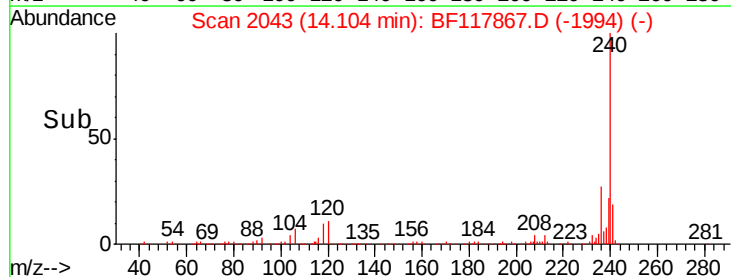
200000

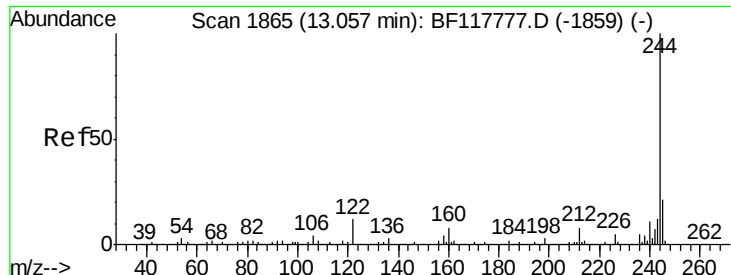
0

14.10

14.10 14.20

Time-->





#79

Terphenyl-d14

Concen: 56.260 ng

RT: 13.05 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

Instrument :

BNA_F

ClientSampleId :

2-(6-8)

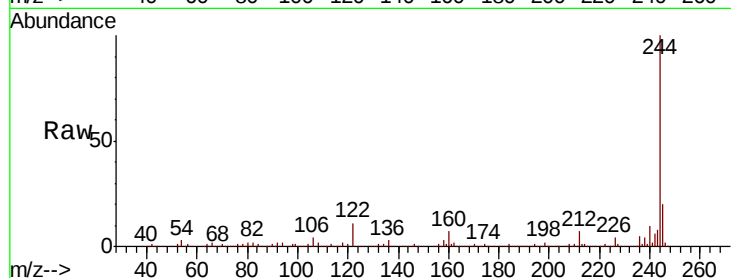
Tot Ion:244 Resp: 1422501

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

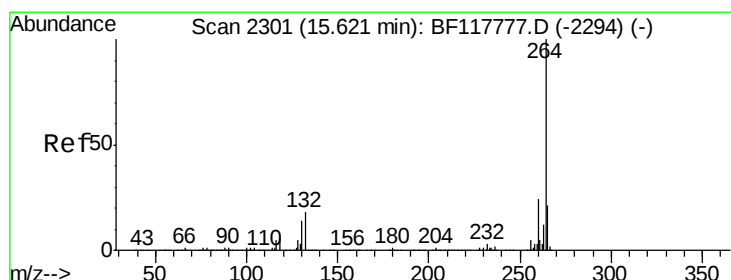
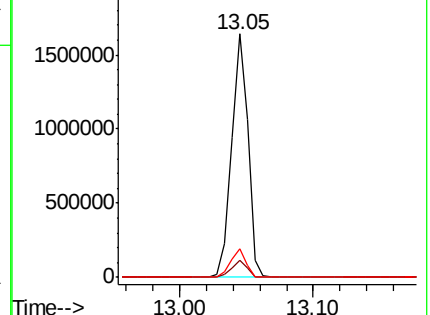
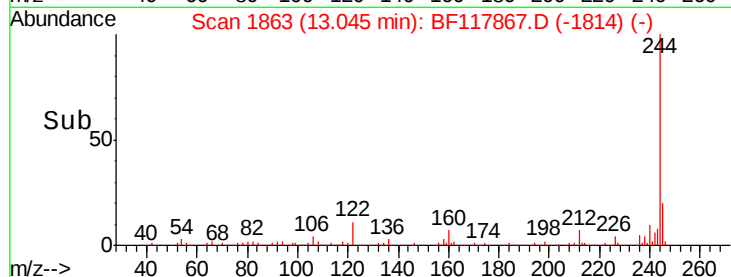
122 11.5 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117867.D

Acq: 19 Nov 2019 18:47

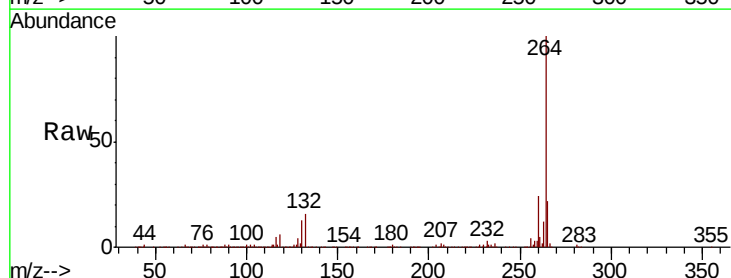
Tgt Ion:264 Resp: 477080

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.7 17.1 25.7



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

