

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117088.D
 Acq On : 17 Sep 2019 3:44
 Operator : HP/JU
 Sample : K4878-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-8

Quant Time: Sep 17 08:17:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

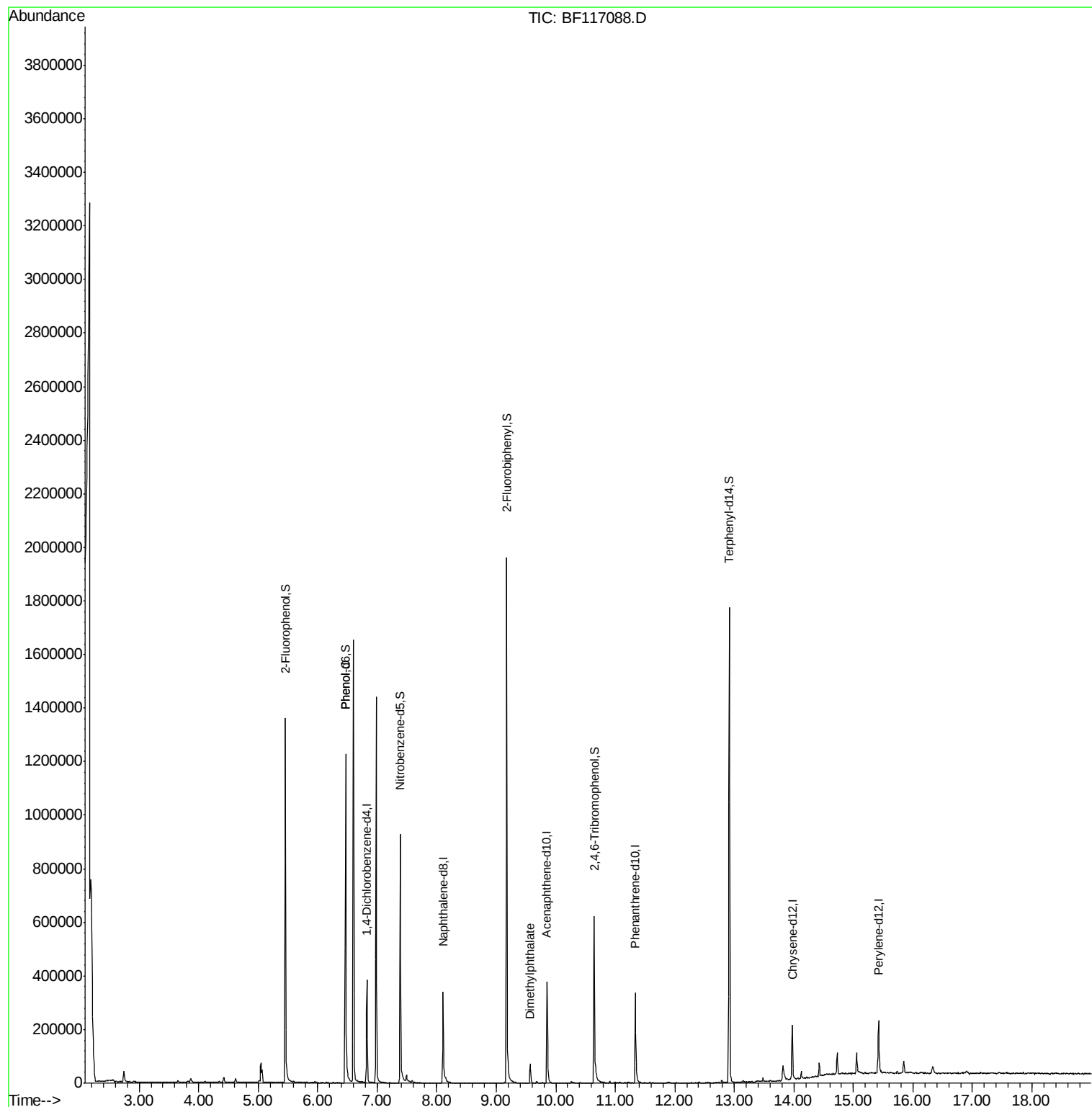
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	56590	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	211684	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	96020	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	147964	20.00	ng	0.00
76) Chrysene-d12	13.97	240	84184	20.00	ng	0.00
87) Perylene-d12	15.42	264	65965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	401319	110.72	ng	0.02
7) Phenol-d6	6.47	99	469743	100.28	ng	0.01
23) Nitrobenzene-d5	7.39	82	341025	84.65	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	93672	116.72	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	652562	106.26	ng	0.00
79) Terphenyl-d14	12.92	244	568983	126.34	ng	0.00
Target Compounds						
10) Phenol	6.47	94	16328	3.162	ng	Qvalue # 70
50) Dimethylphthalate	9.57	163	38836	5.712	ng	99

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

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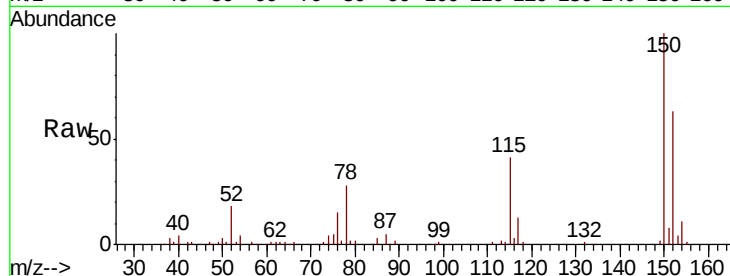


#1

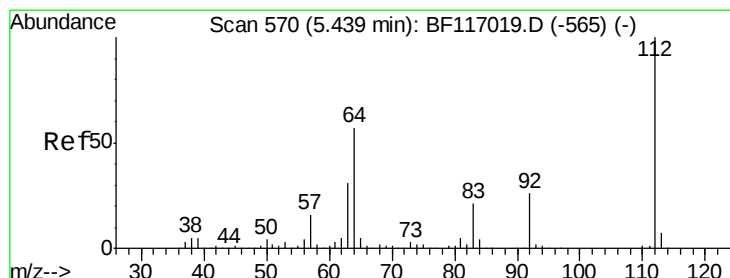
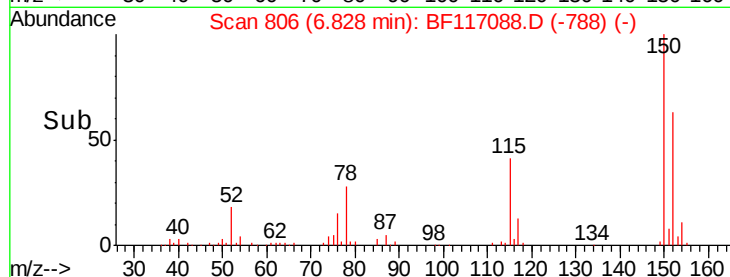
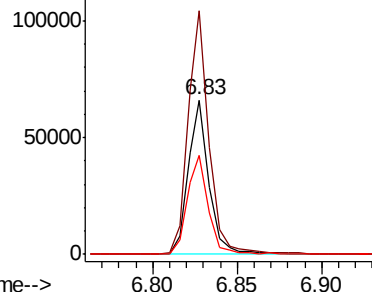
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117088.D
Acq: 17 Sep 2019 3:44

Instrument :
BNA_F
ClientSampled :
CSA-2-8

Tot Ion:152 Resp: 56590
Ion Ratio Lower Upper
152 100
150 158.0 127.5 191.3
115 64.2 55.0 82.4



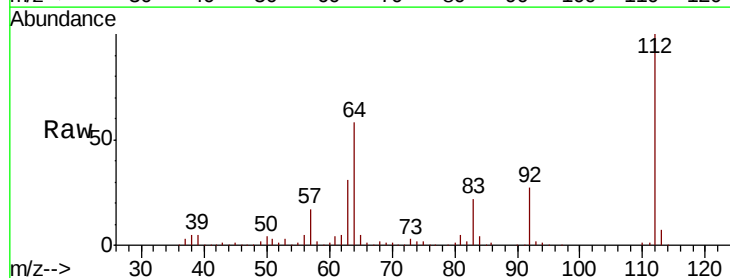
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



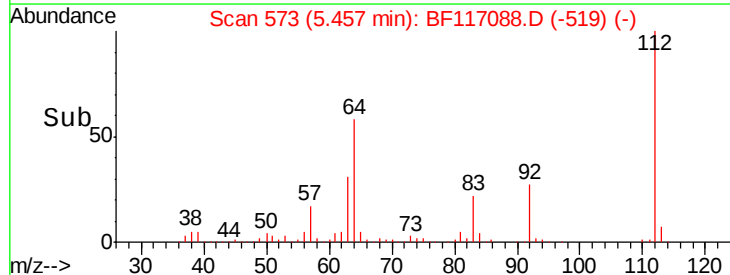
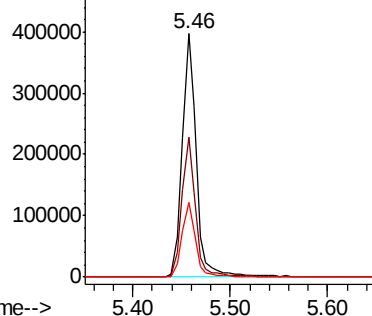
#5

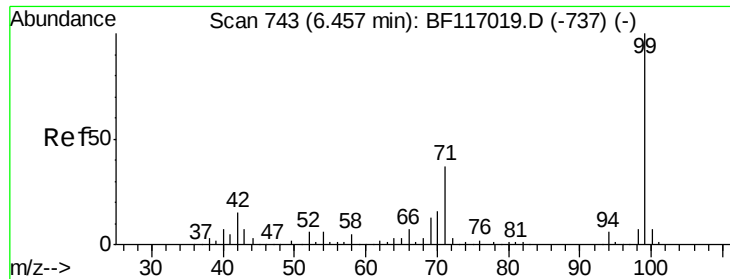
2-Fluorophenol
Concen: 110.719 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117088.D
Acq: 17 Sep 2019 3:44

Tgt Ion:112 Resp: 401319
Ion Ratio Lower Upper
112 100
64 57.5 45.7 68.5
63 30.8 24.9 37.3



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: 100.279 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117088.D

Acq: 17 Sep 2019 3:44

Instrument :

BNA_F

ClientSampled :

CSA-2-8

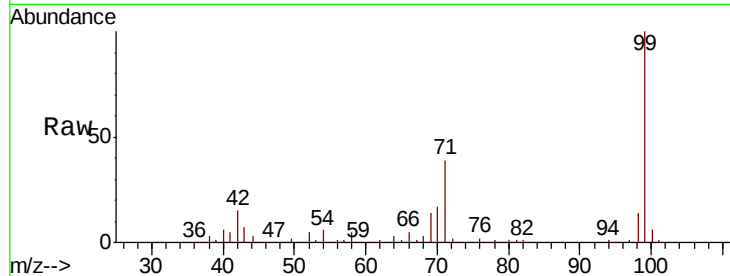
Tot Ion: 99 Resp: 469743

Ion Ratio Lower Upper

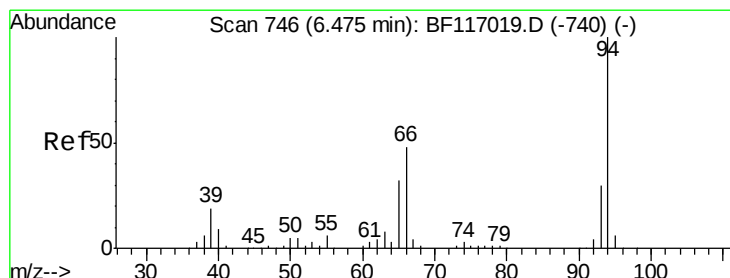
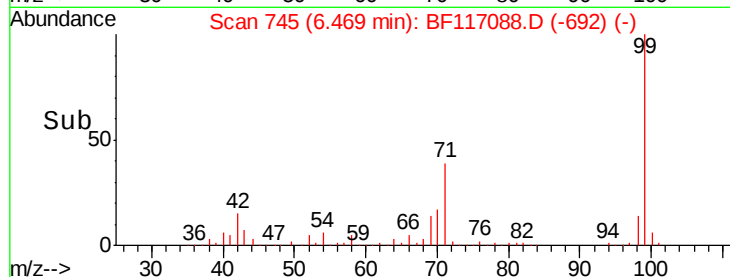
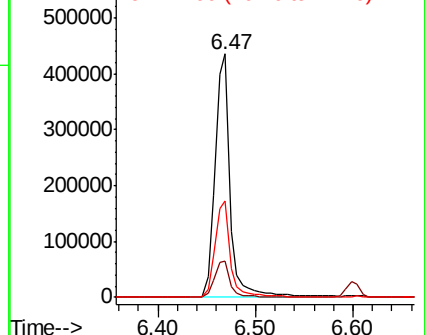
99 100

42 15.0 12.2 18.2

71 39.4 29.8 44.8



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: 3.162 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117088.D

Acq: 17 Sep 2019 3:44

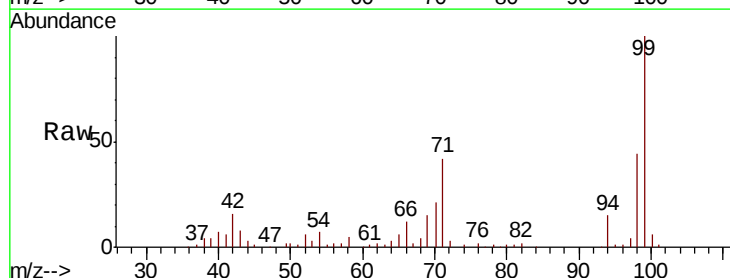
Tgt Ion: 94 Resp: 16328

Ion Ratio Lower Upper

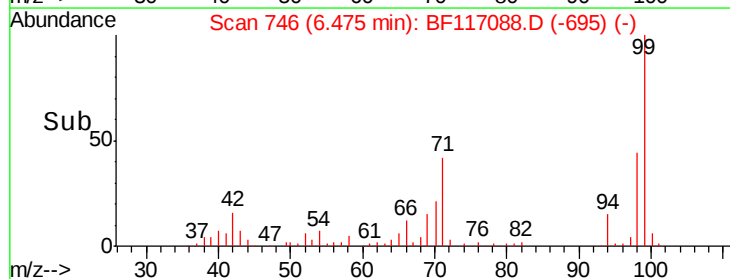
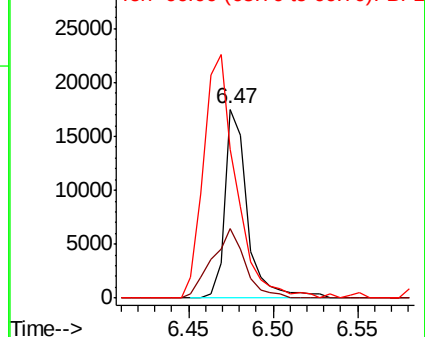
94 100

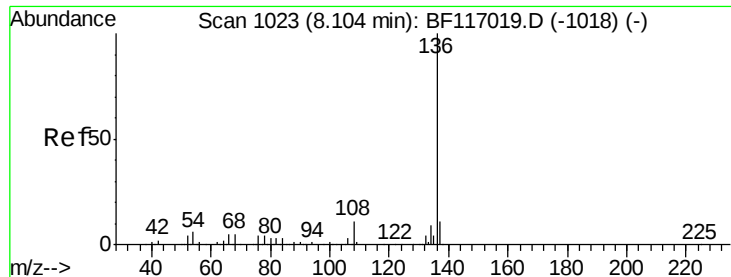
65 37.0 12.5 52.5

66 78.9 28.9 68.9#



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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117088.D

Acq: 17 Sep 2019 3:44

Instrument :

BNA_F

ClientSampled :

CSA-2-8

Tot Ion:136 Resp: 211684

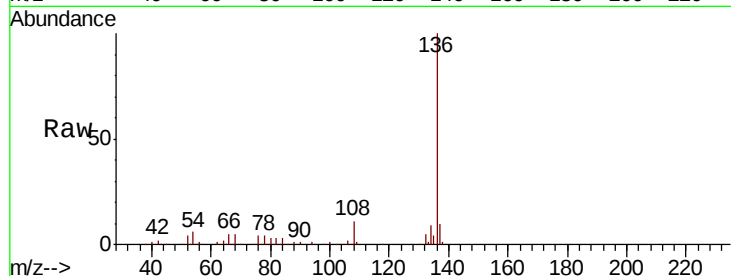
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.6 4.5 6.7

68 5.0 4.0 6.0

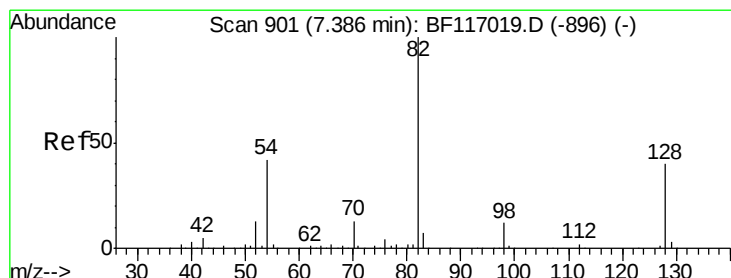
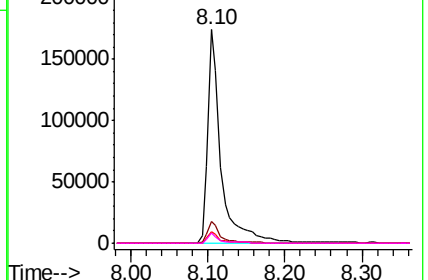
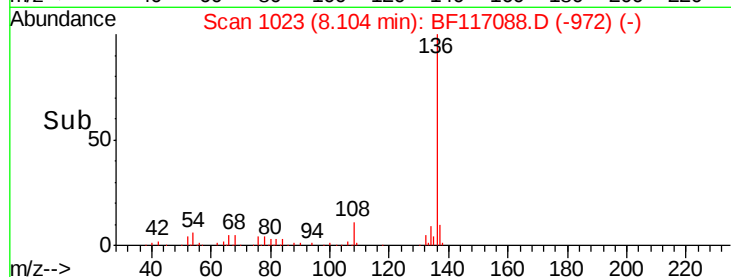


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.646 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF117088.D

Acq: 17 Sep 2019 3:44

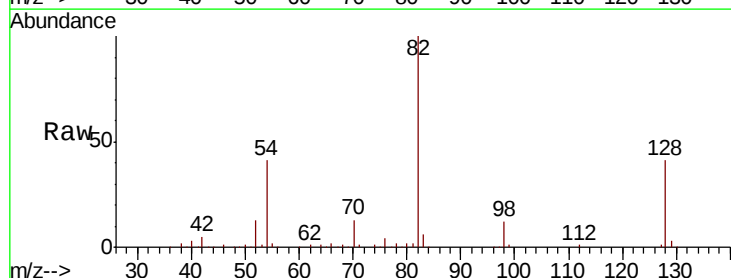
Tgt Ion: 82 Resp: 341025

Ion Ratio Lower Upper

82 100

128 41.2 32.3 48.5

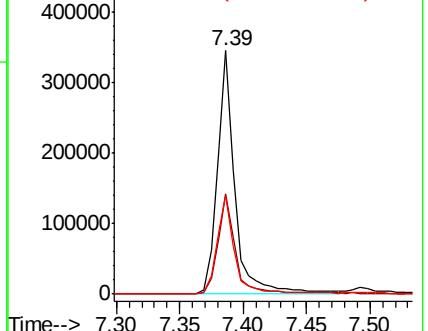
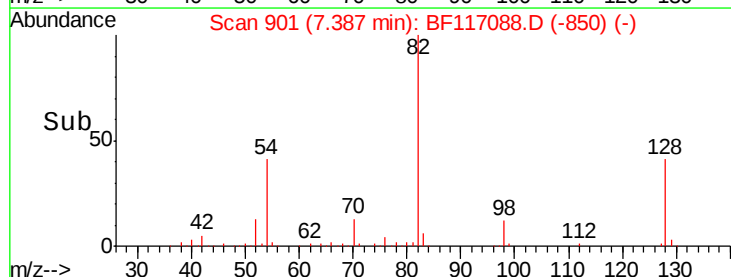
54 40.7 33.3 49.9

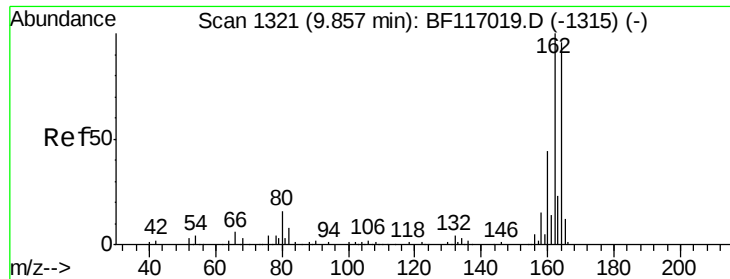


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

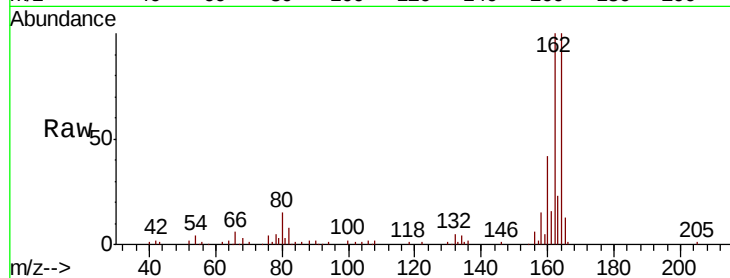




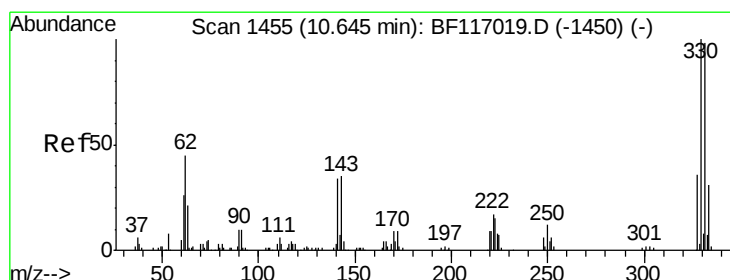
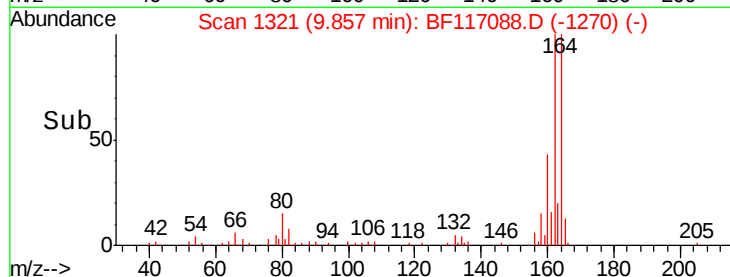
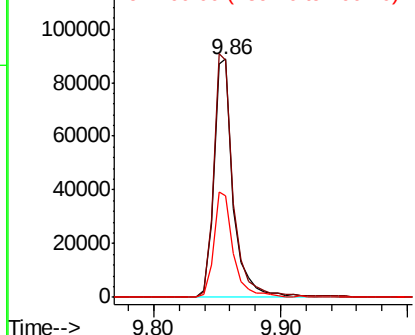
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117088.D
Acq: 17 Sep 2019 3:44

Instrument :
BNA_F
ClientSampleId :
CSA-2-8

Tot Ion:164 Resp: 96020
Ion Ratio Lower Upper
164 100
162 99.8 83.4 125.2
160 42.5 36.4 54.6

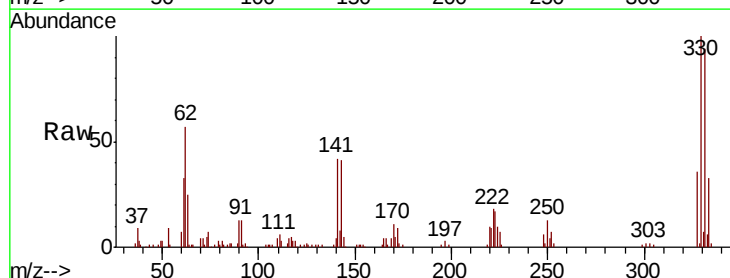


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

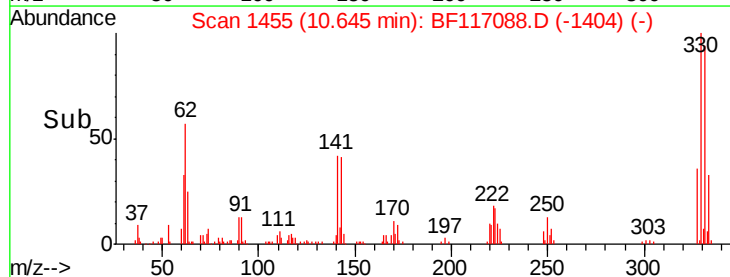
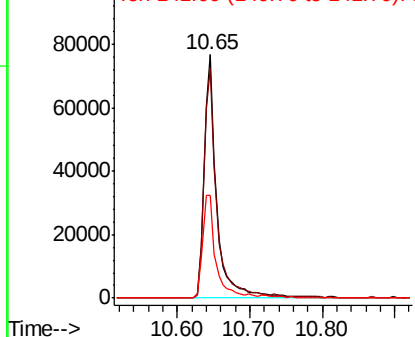


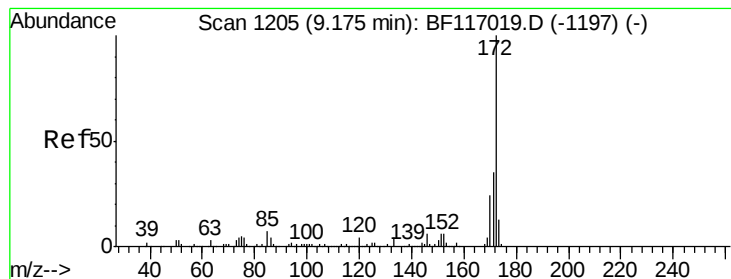
#42
2,4,6-Tribromophenol
Concen: 116.724 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117088.D
Acq: 17 Sep 2019 3:44

Tgt Ion:330 Resp: 93672
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 45.1 35.8 53.6



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: 106.262 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117088.D

Acq: 17 Sep 2019 3:44

Instrument :

BNA_F

ClientSampleId :

CSA-2-8

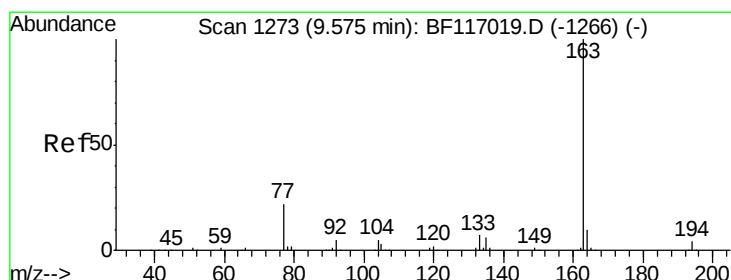
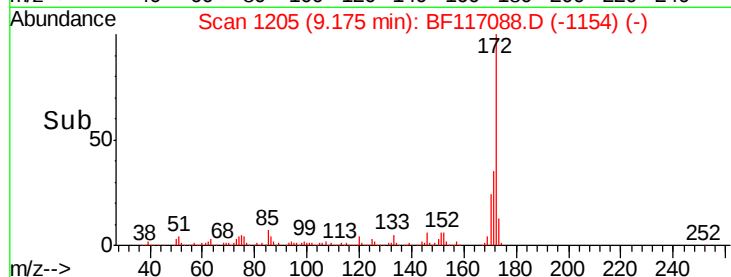
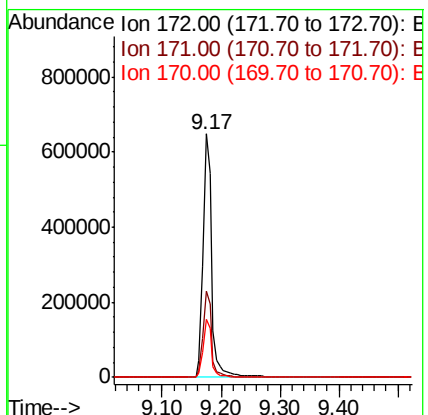
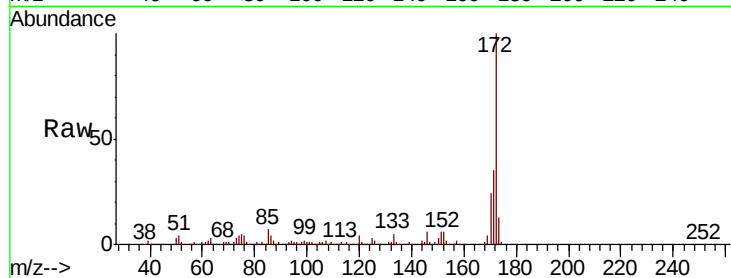
Tot Ion:172 Resp: 652562

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.9 18.9 28.3



#50

Dimethylphthalate

Concen: 5.712 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117088.D

Acq: 17 Sep 2019 3:44

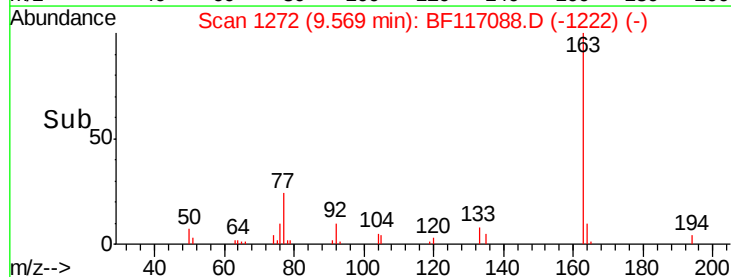
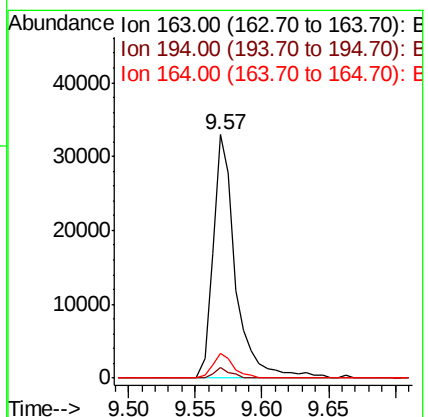
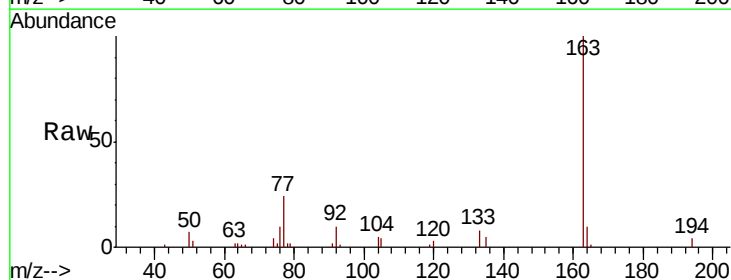
Tgt Ion:163 Resp: 38836

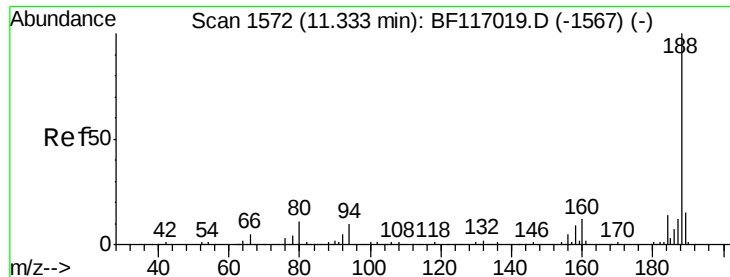
Ion Ratio Lower Upper

163 100

194 4.3 2.9 4.3

164 10.1 8.2 12.4

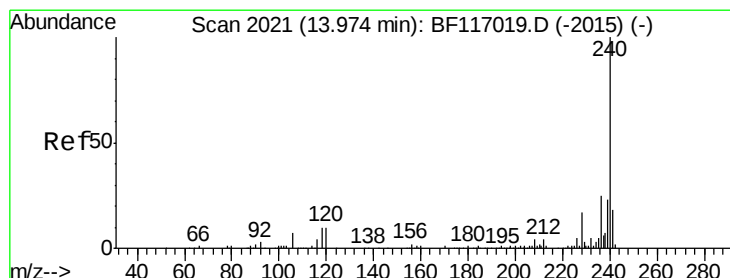
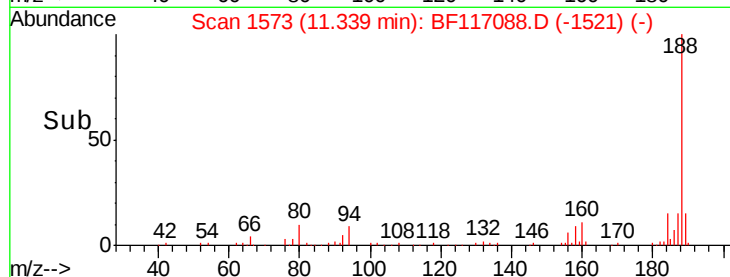
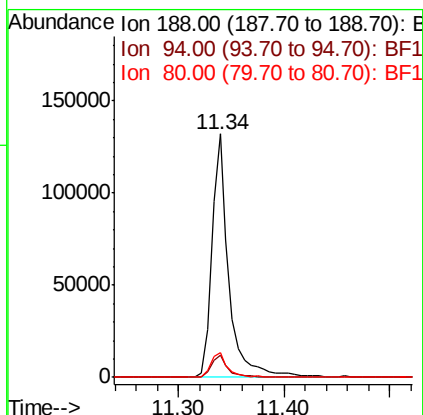
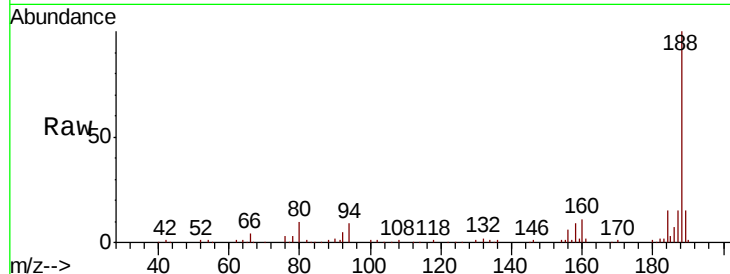




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117088.D
Acq: 17 Sep 2019 3:44

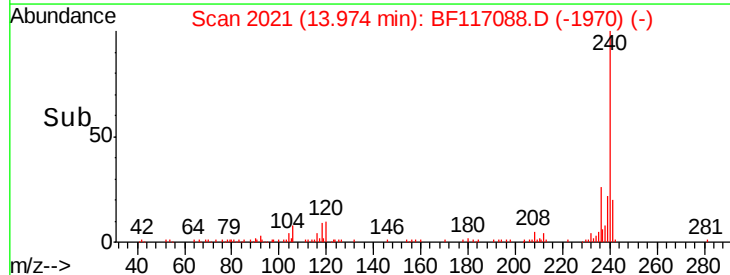
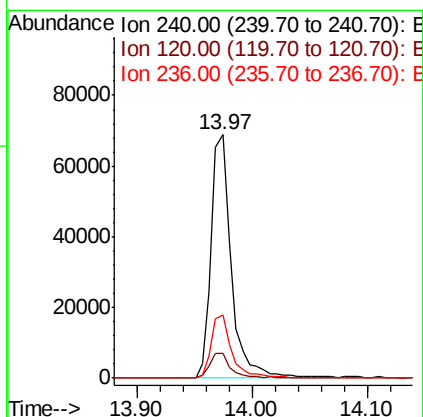
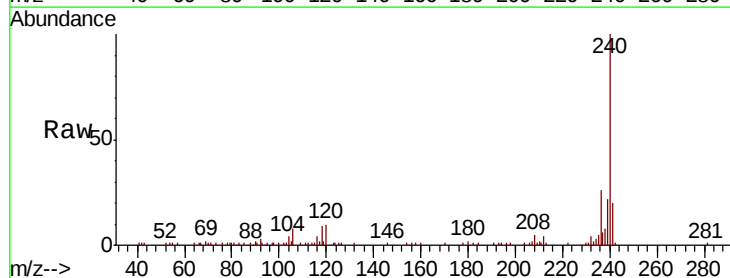
Instrument :
BNA_F
ClientSampleId :
CSA-2-8

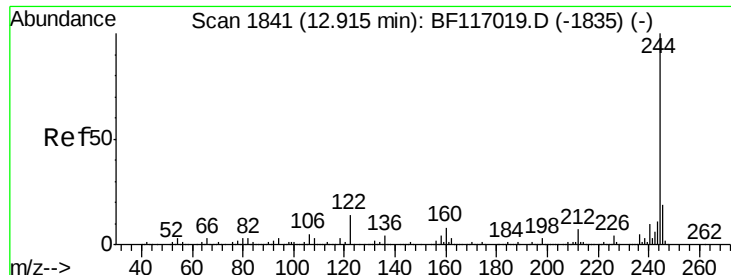
Tot Ion:188 Resp: 147964
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117088.D
Acq: 17 Sep 2019 3:44

Tgt Ion:240 Resp: 84184
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 26.1 20.3 30.5





#79

Terphenyl-d14

Concen: 126.337 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117088.D

Acq: 17 Sep 2019 3:44

Instrument :

BNA_F

ClientSampleId :

CSA-2-8

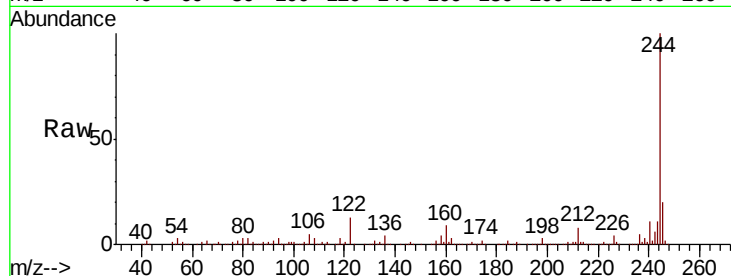
Tot Ion:244 Resp: 568983

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

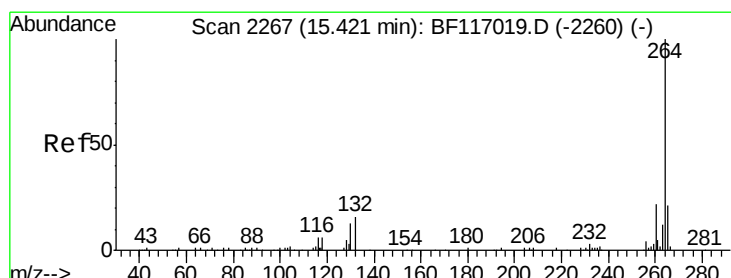
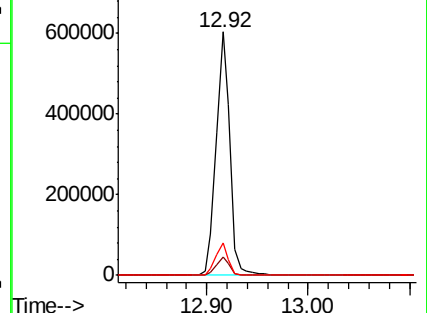
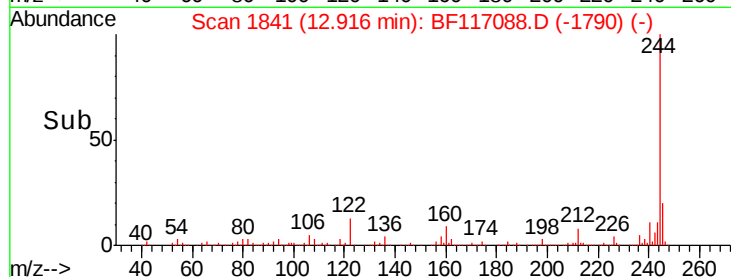
122 13.4 11.3 16.9



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: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF117088.D

Acq: 17 Sep 2019 3:44

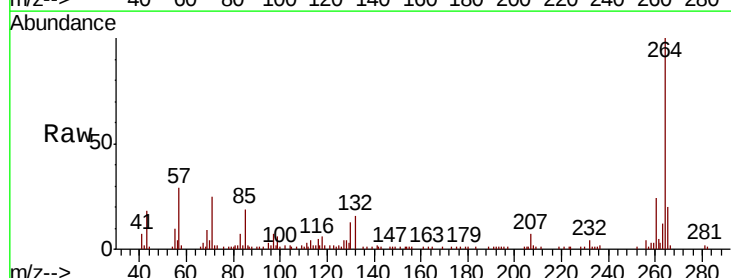
Tgt Ion:264 Resp: 65965

Ion Ratio Lower Upper

264 100

260 24.3 17.6 26.4

265 20.4 16.6 24.8



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

