

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117008.D
 Acq On : 12 Sep 2019 23:24
 Operator : HP/JU
 Sample : K4850-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC-7-(8)

Quant Time: Sep 13 08:41:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

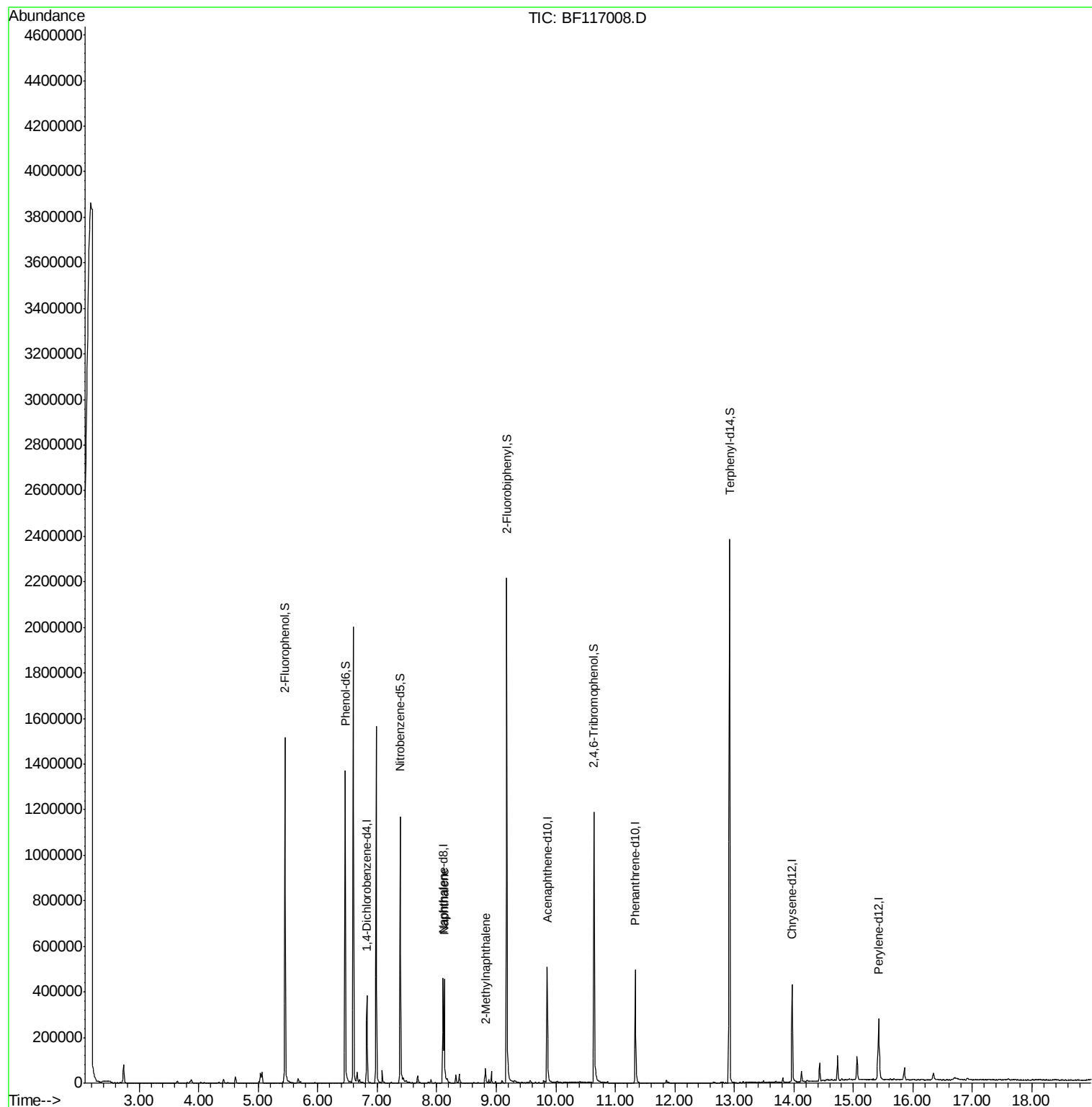
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	57581	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	225040	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	120657	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	207452	20.00	ng	0.00
76) Chrysene-d12	13.97	240	156999	20.00	ng	0.00
87) Perylene-d12	15.42	264	134390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	433539	121.98	ng	0.01
7) Phenol-d6	6.46	99	517431	110.87	ng	0.00
23) Nitrobenzene-d5	7.39	82	409460	103.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	156390	193.88	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	775587	108.43	ng	0.00
79) Terphenyl-d14	12.92	244	806338	95.01	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	215386	20.128	ng	99
37) 2-Methylnaphthalene	8.82	142	18607	2.613	ng	# 91

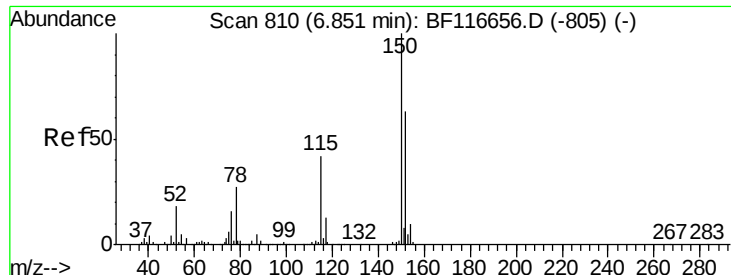
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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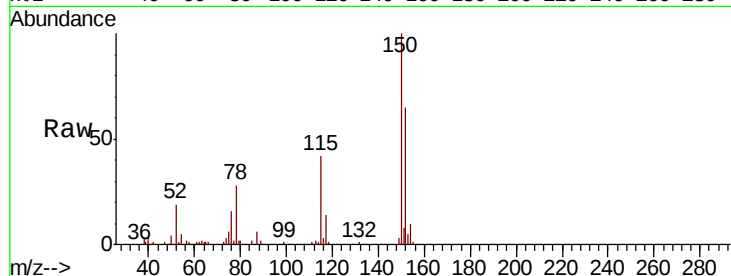


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF117008.D
Acq: 12 Sep 2019 23:24

Instrument :
BNA_F
ClientSampleId :
AOC-7(8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	64.9	50.2	75.2

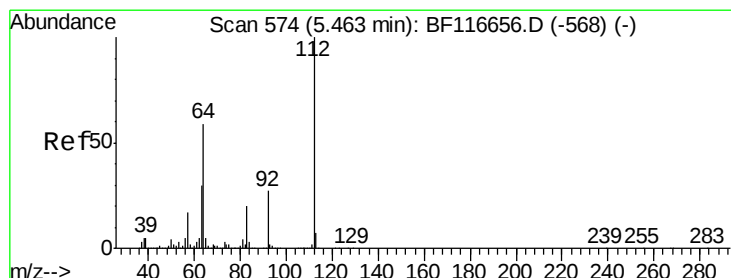
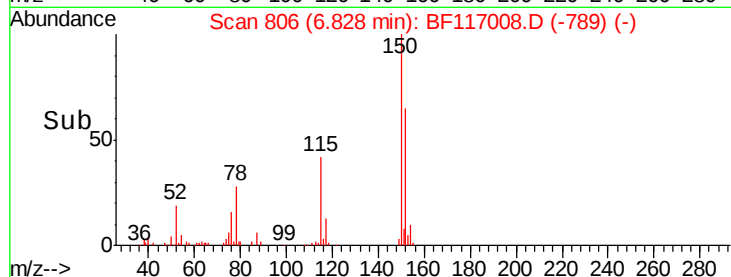
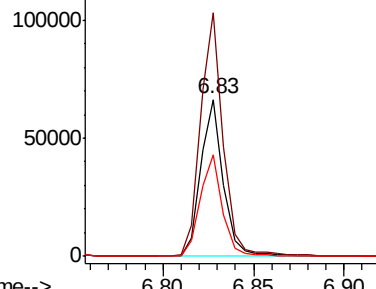


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

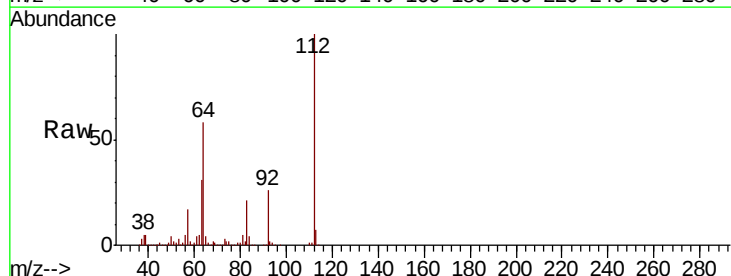
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.977 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117008.D
Acq: 12 Sep 2019 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.1	70.7
63	31.3	25.4	38.0

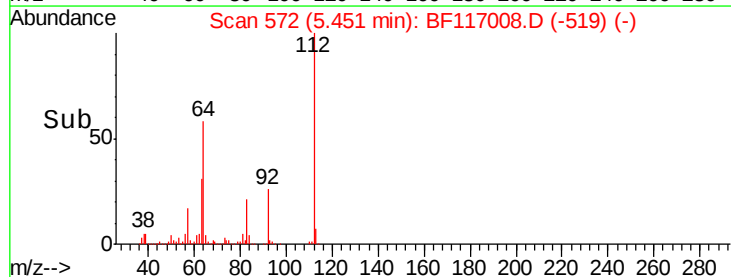
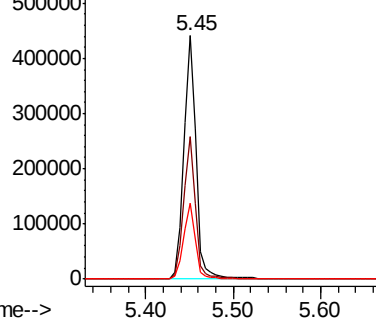


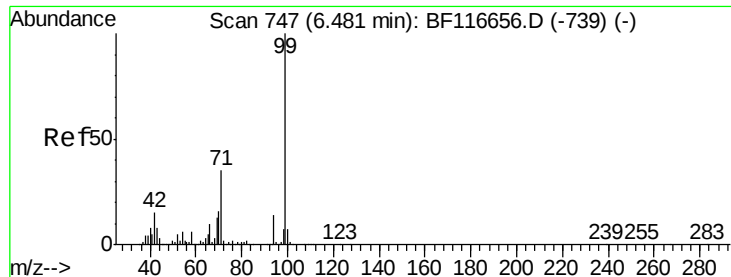
Abundance

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: 110.867 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF117008.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_F

ClientSampleId :

AOC-7(8)

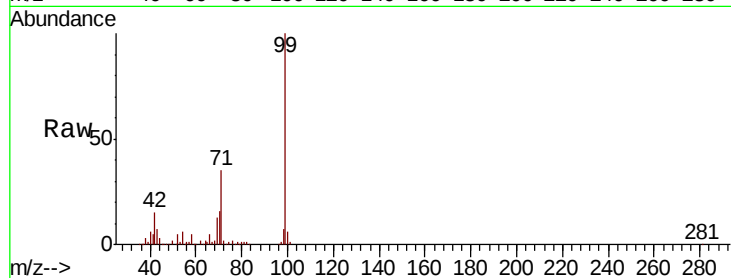
Tot Ion: 99 Resp: 517431

Ion Ratio Lower Upper

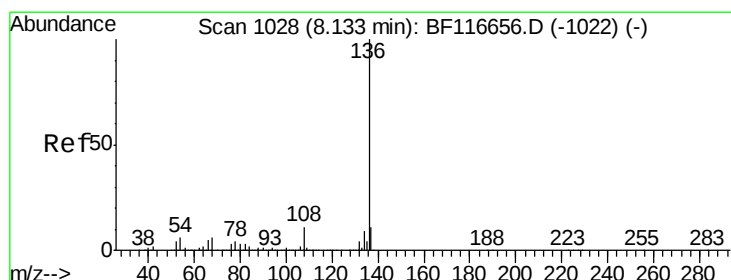
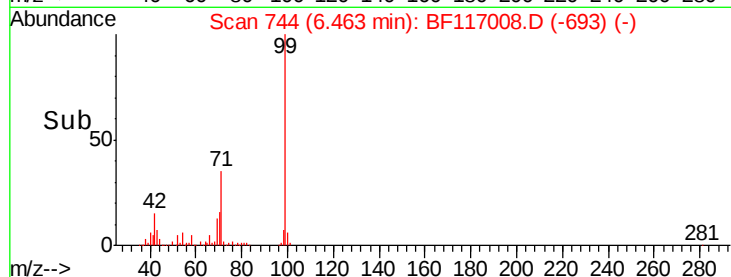
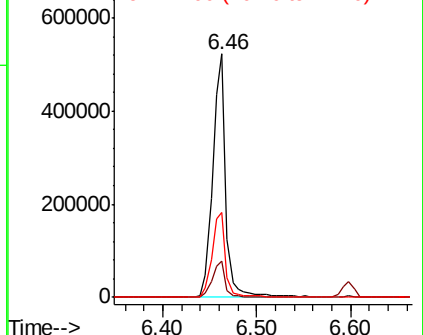
99 100

42 14.7 12.0 18.0

71 35.1 29.7 44.5



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117008.D

Acq: 12 Sep 2019 23:24

Tgt Ion: 136 Resp: 225040

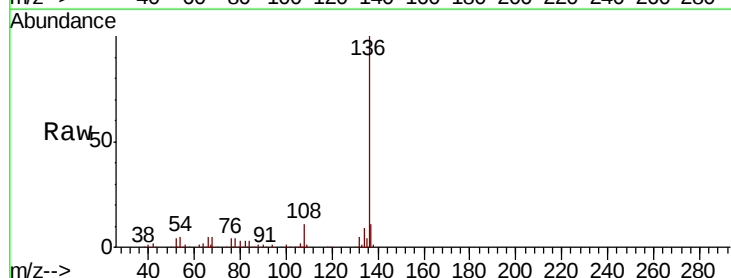
Ion Ratio Lower Upper

136 100

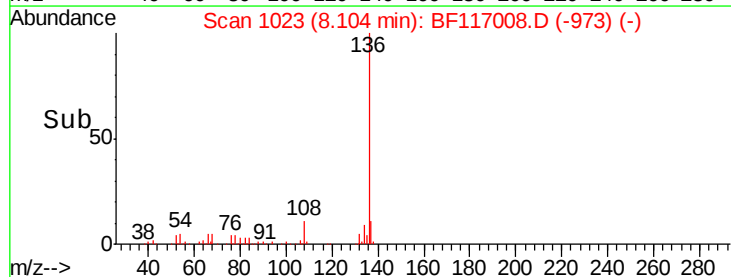
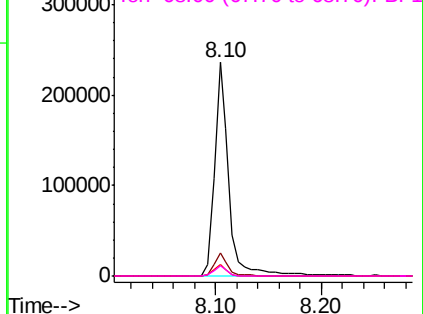
137 11.0 8.5 12.7

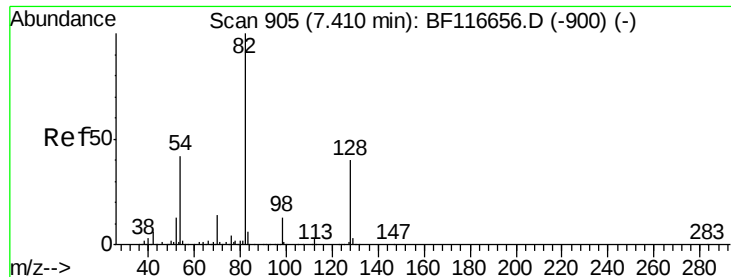
54 5.4 3.8 5.8

68 4.7 3.6 5.4



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

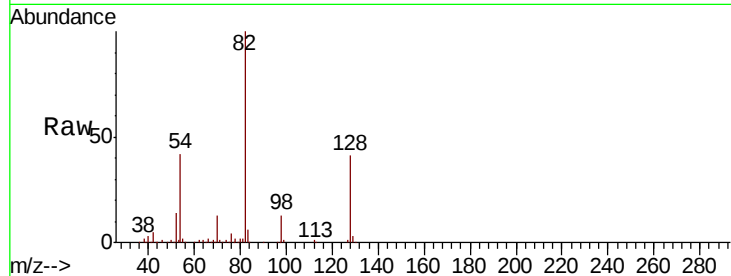




#23
 Nitrobenzene-d5
 Concen: 103.870 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF117008.D
 Acq: 12 Sep 2019 23:24

Instrument :
 BNA_F
 ClientSampleID :
 AOC-7(8)

Tot Ion	82	Resp	409460
Ion Ratio	Lower	Upper	
82	100		
128	40.5	35.0	52.4
54	41.6	32.6	48.8

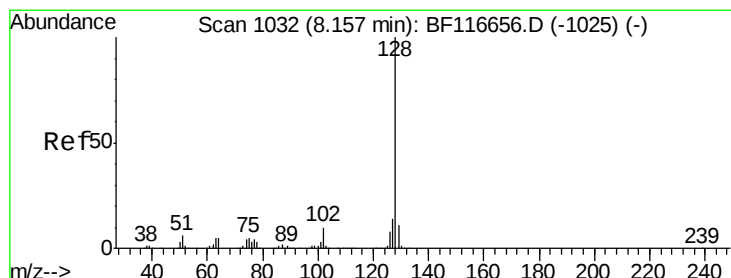
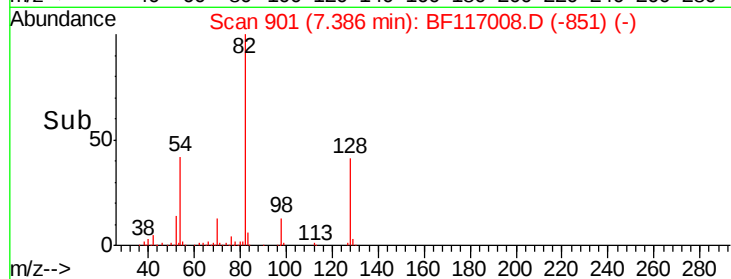
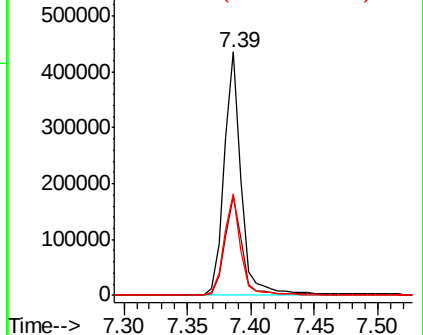


Abundance

Ion 82.00 (81.70 to 82.70): BF1

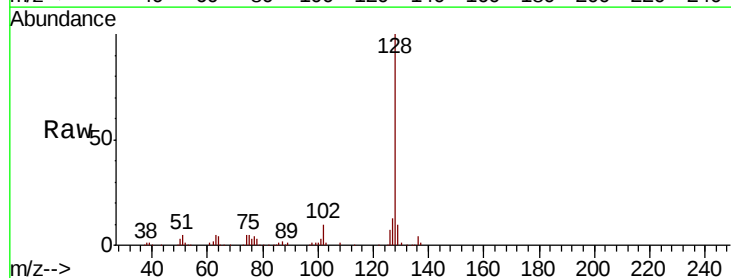
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31
 Naphthalene
 Concen: 20.128 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF117008.D
 Acq: 12 Sep 2019 23:24

Tgt Ion	128	Resp	215386
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.2	13.8
127	13.2	10.6	16.0

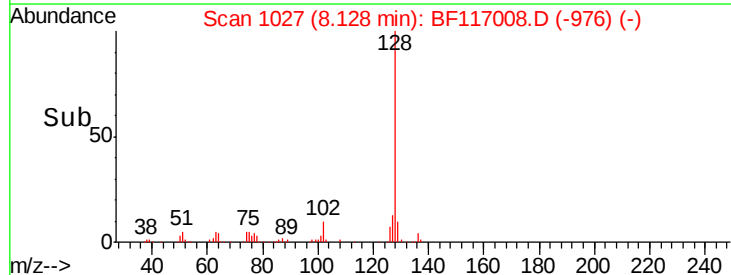
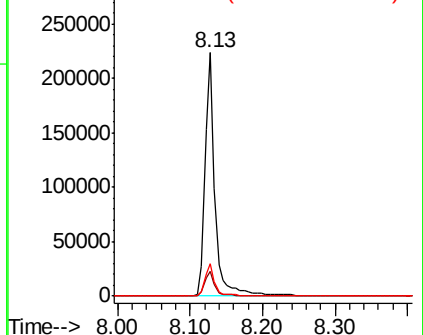


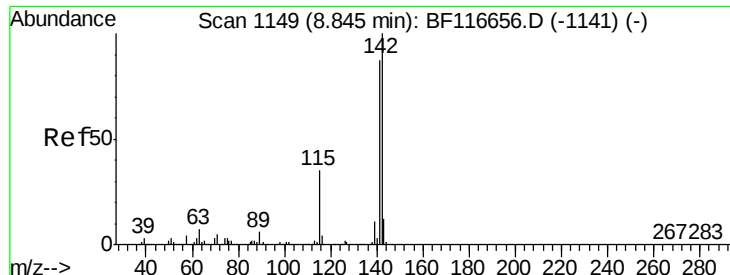
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

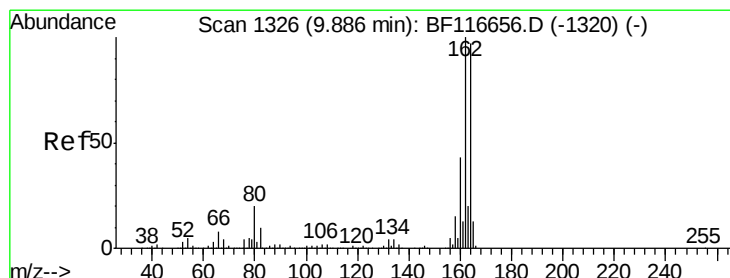
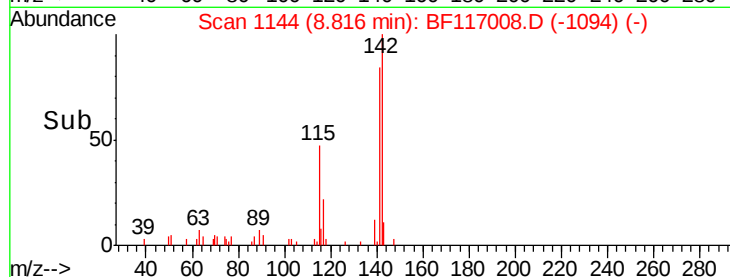
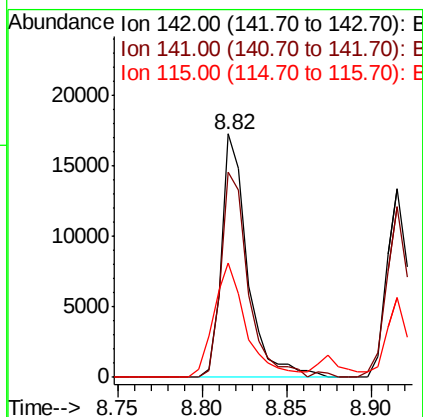
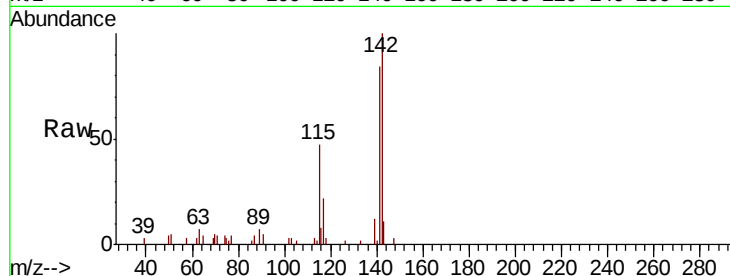




#37
2-Methylnaphthalene
Concen: 2.613 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF117008.D
Acq: 12 Sep 2019 23:24

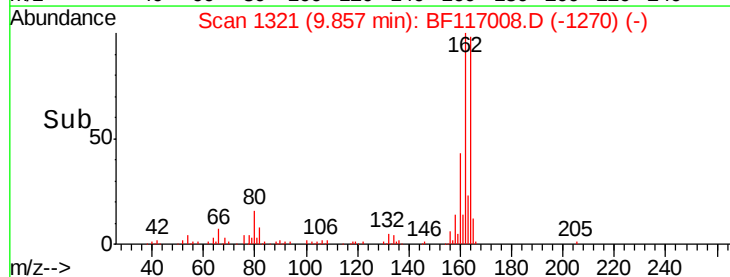
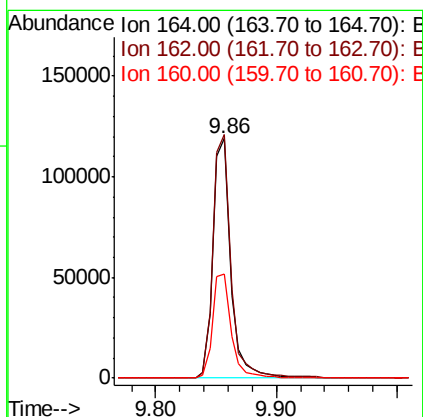
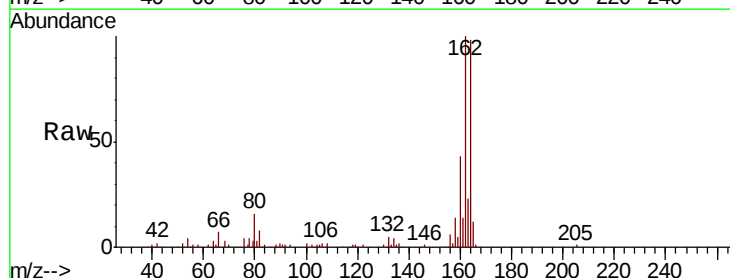
Instrument :
BNA_F
ClientSampleId :
AOC-7-(8)

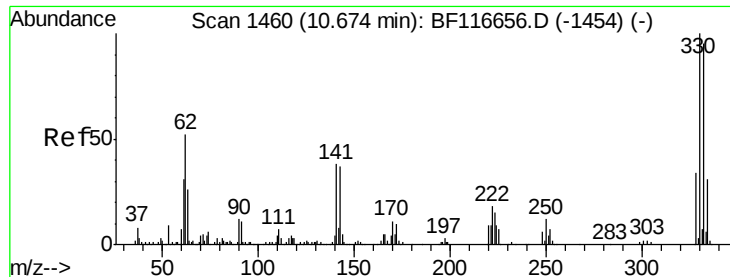
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.1	70.5	105.7
115	46.9	27.7	41.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117008.D
Acq: 12 Sep 2019 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	43.6	35.7	53.5

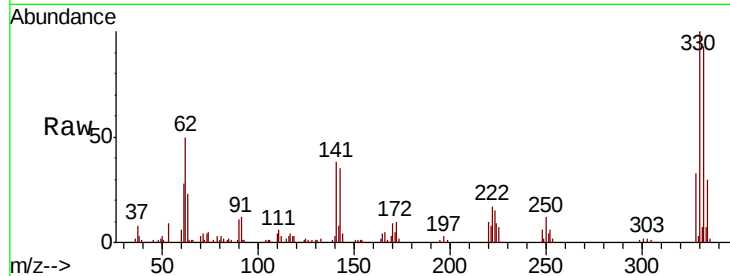




#42
 2,4,6-Tribromophenol
 Concen: 193.884 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF117008.D
 Acq: 12 Sep 2019 23:24

Instrument :
 BNA_F
 ClientSampleId :
 AOC-7(8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	45.1	35.6	53.4

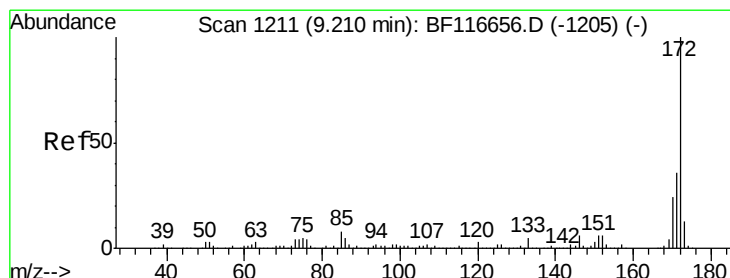
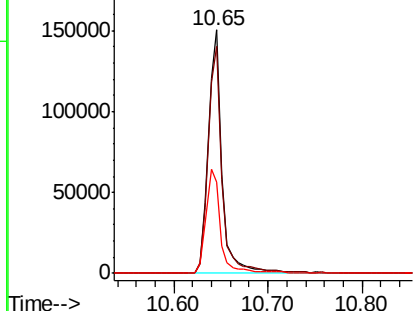
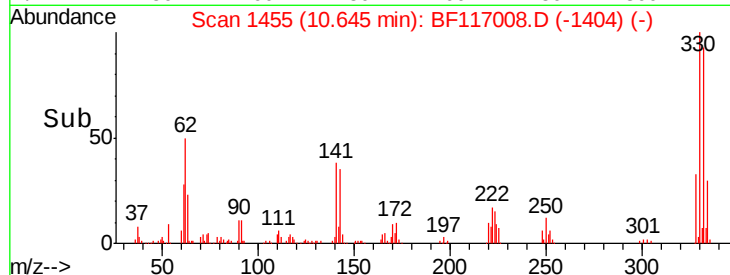


Abundance

Ion 329.80 (329.50 to 330.50): E

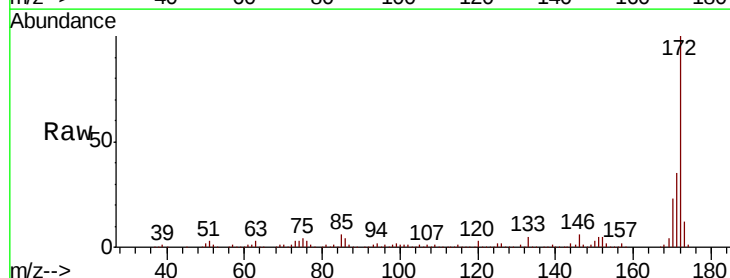
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.434 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF117008.D
 Acq: 12 Sep 2019 23:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.1	43.7
170	23.4	19.2	28.8

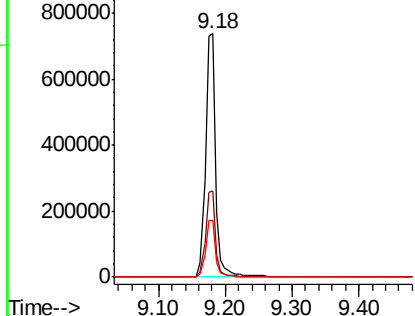
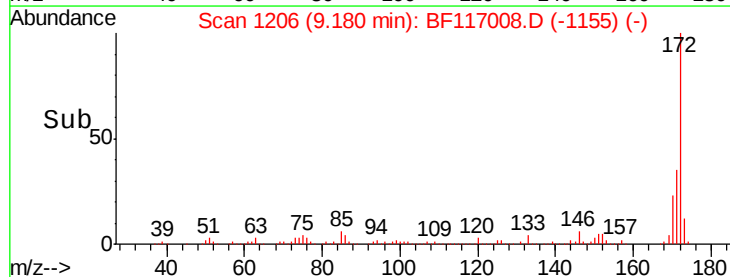


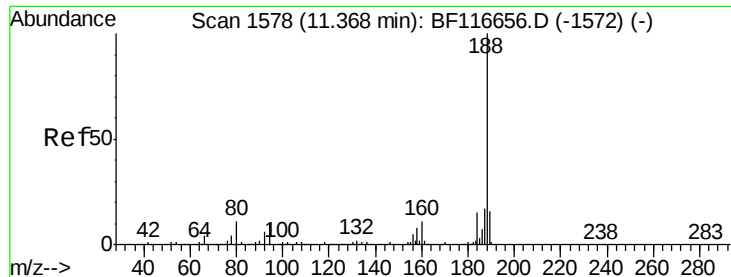
Abundance

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: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF117008.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_F

ClientSampled :

AOC-7(8)

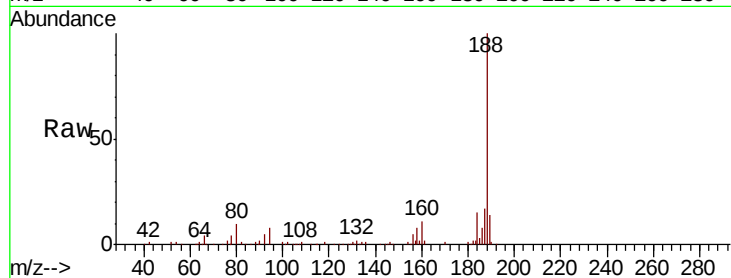
Tot Ion:188 Resp: 207452

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

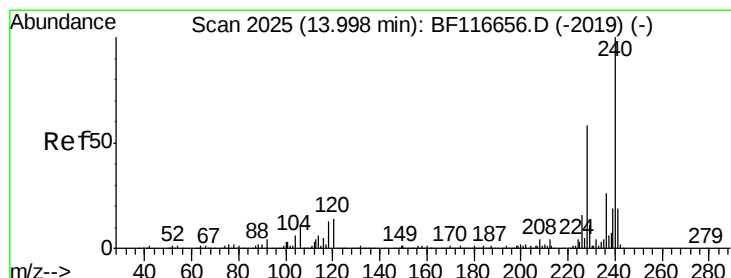
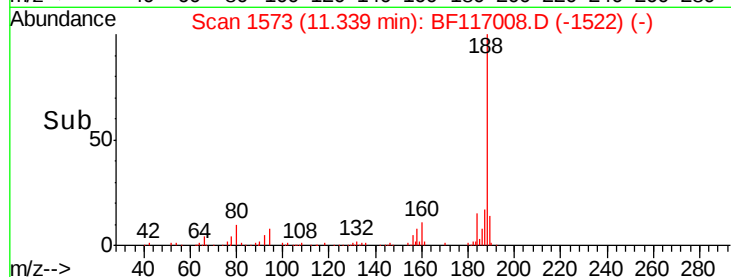
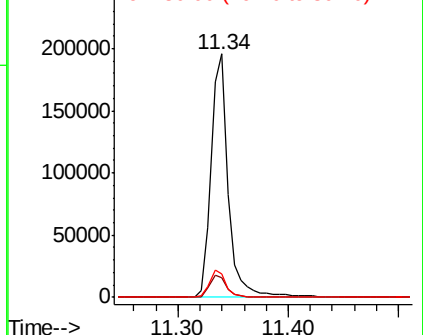
80 9.7 8.5 12.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117008.D

Acq: 12 Sep 2019 23:24

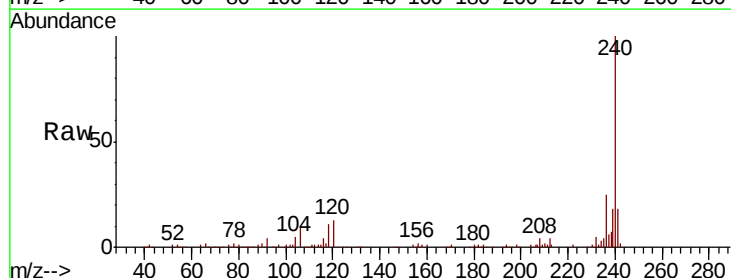
Tgt Ion:240 Resp: 156999

Ion Ratio Lower Upper

240 100

120 12.5 9.1 13.7

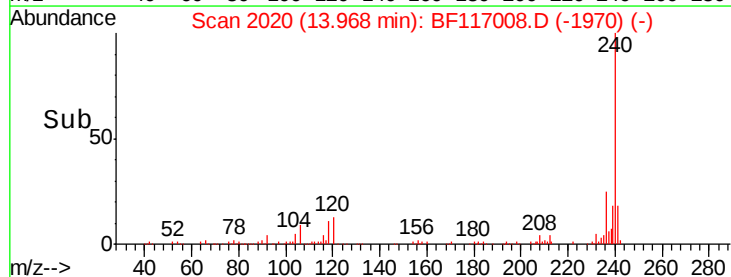
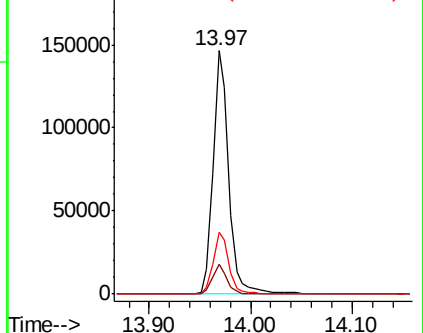
236 25.3 20.9 31.3

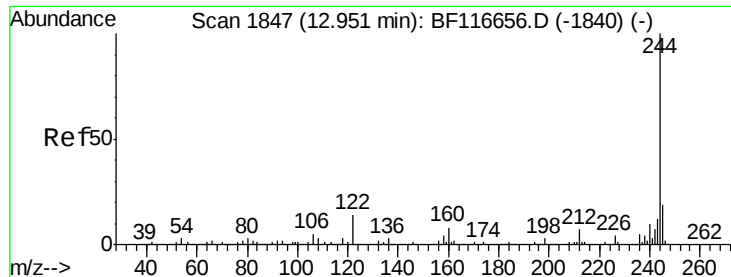


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.012 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF117008.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_F

ClientSampled :

AOC-7(8)

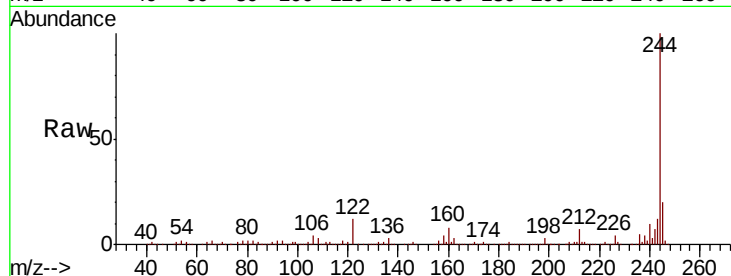
Tot Ion:244 Resp: 806338

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

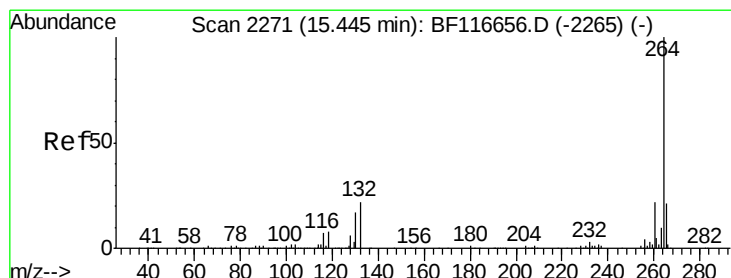
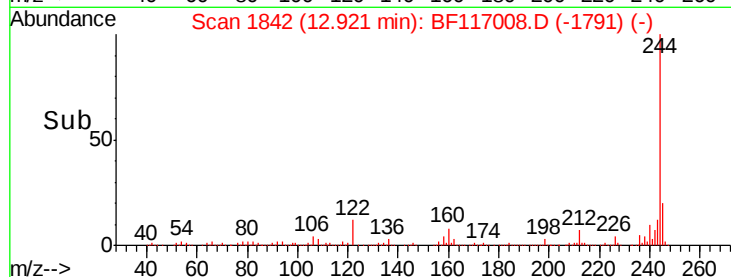
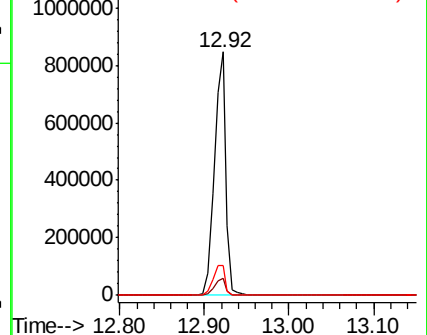
122 12.1 11.5 17.3



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. 0.01 min

Lab File: BF117008.D

Acq: 12 Sep 2019 23:24

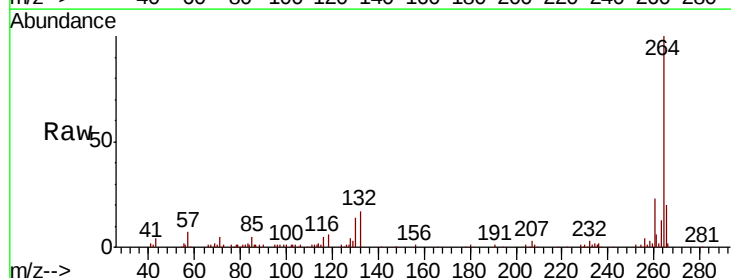
Tgt Ion:264 Resp: 134390

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 20.0 17.9 26.9



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

