

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114706.D
 Acq On : 31 May 2019 14:18
 Operator : HP/JU
 Sample : K2986-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-21(4.5-5)

Quant Time: Jun 01 00:50:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

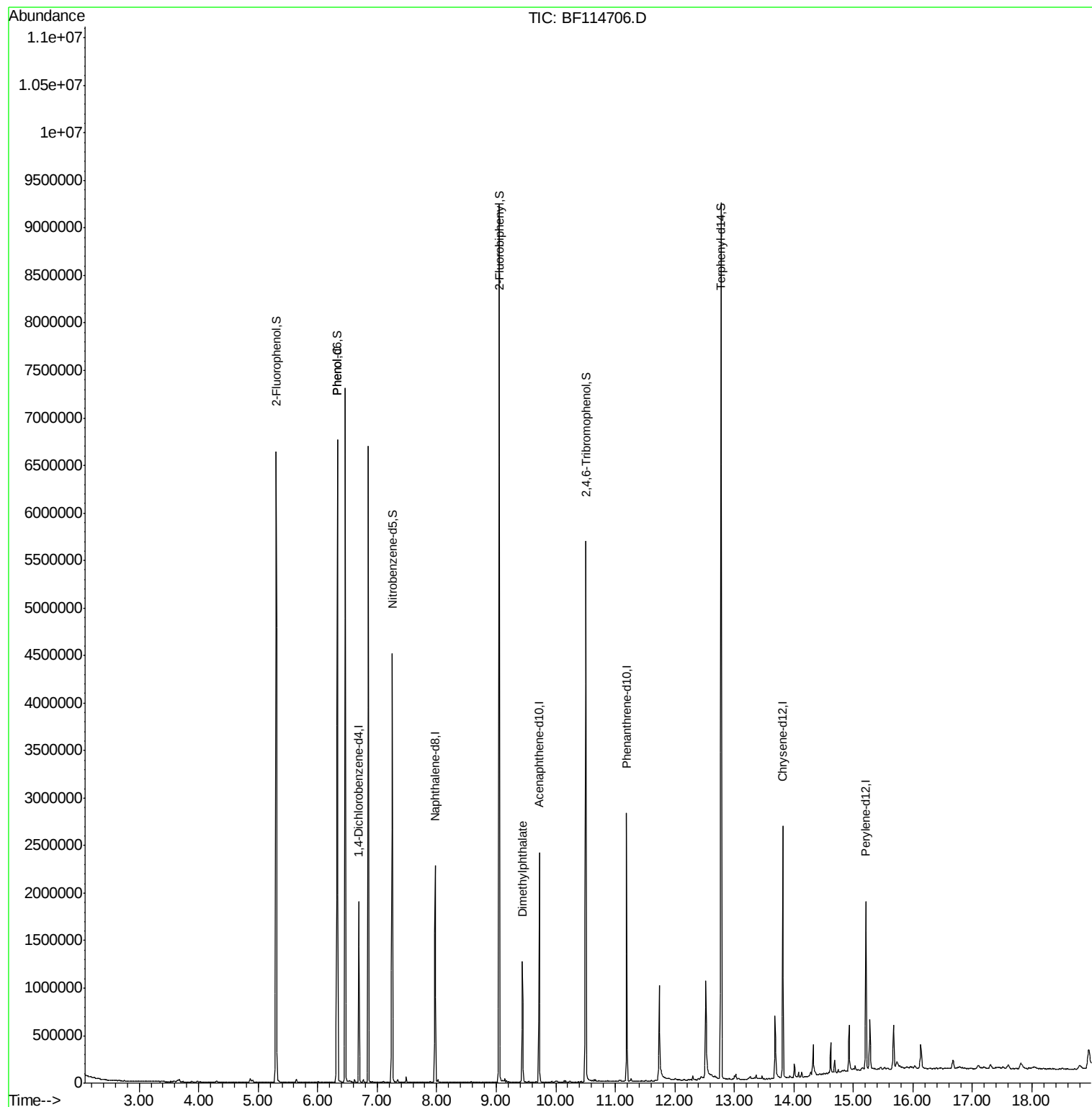
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	271862	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	973087	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	486582	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	978123	20.00	ng	0.00
76) Chrysene-d12	13.82	240	796568	20.00	ng	0.00
87) Perylene-d12	15.21	264	725693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2179779	140.77	ng	0.01
7) Phenol-d6	6.33	99	2650438	142.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	1656821	106.23	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	743419	160.35	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3005927	123.25	ng	0.00
79) Terphenyl-d14	12.78	244	3460354	81.68	ng	0.00
Target Compounds						
10) Phenol	6.34	94	46218	2.050	ng	Qvalue # 72
50) Dimethylphthalate	9.44	163	498534	14.704	ng	98

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

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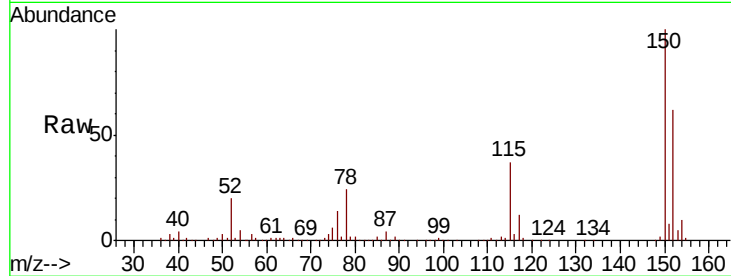


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.4	186.6
115	60.2	48.7	73.1

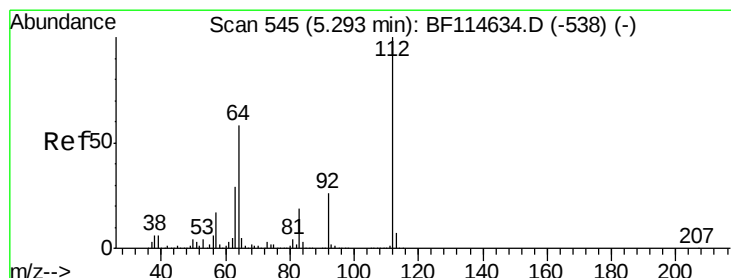
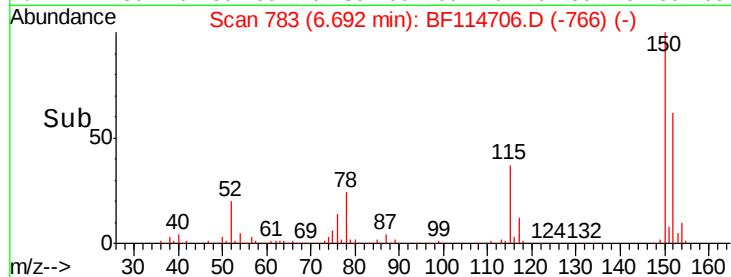
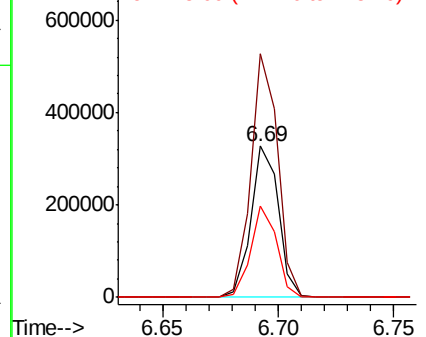


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

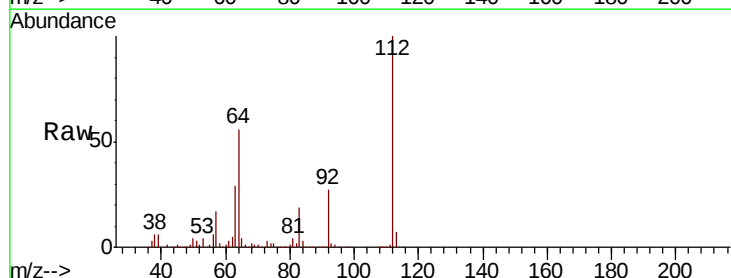
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.772 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.1	69.1
63	29.0	23.4	35.2

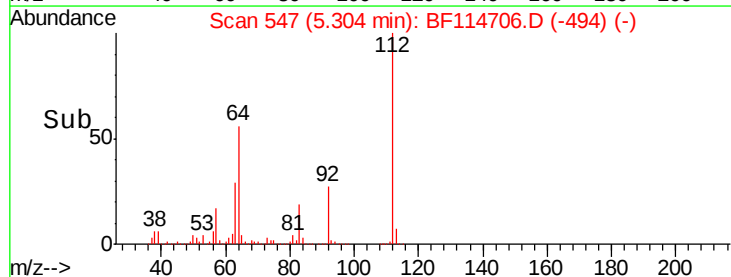
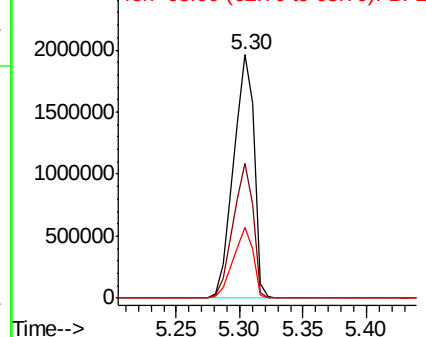


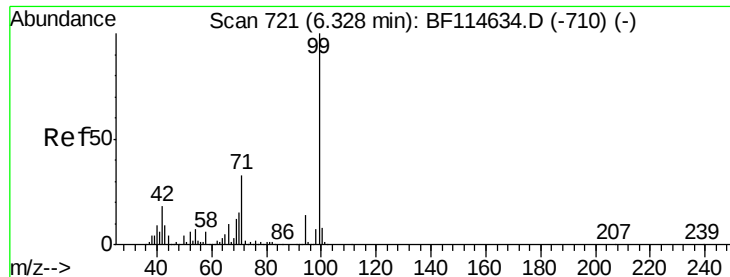
Abundance

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: 142.044 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114706.D

Acq: 31 May 2019 14:18

Instrument :

BNA_F

ClientSampleId :

FESB-21(4.5-5)

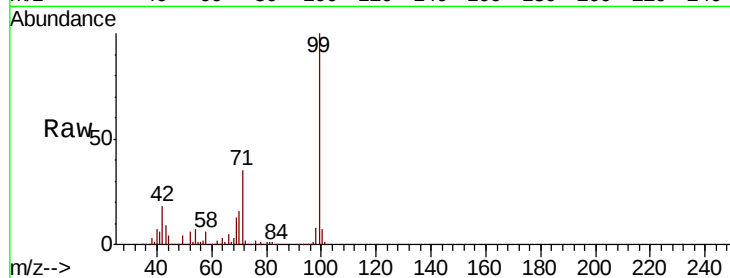
Tot Ion: 99 Resp: 2650438

Ion Ratio Lower Upper

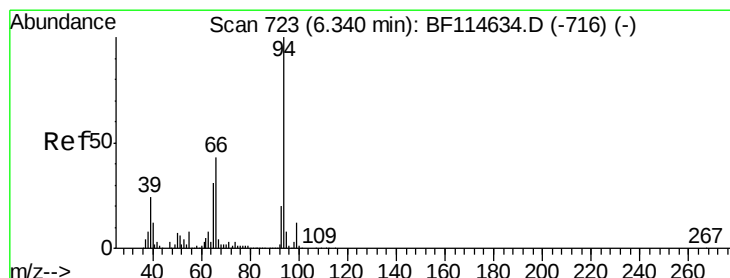
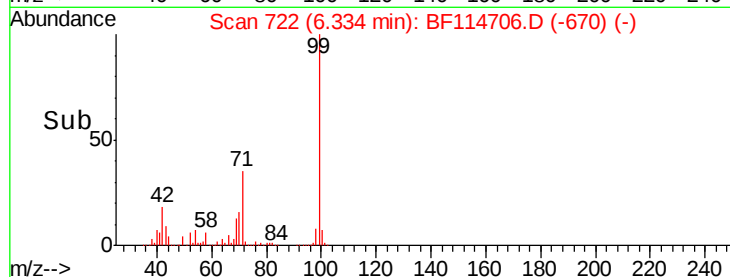
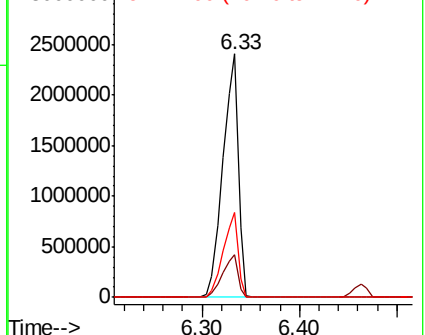
99 100

42 17.7 14.7 22.1

71 34.9 26.6 40.0



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: 2.050 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114706.D

Acq: 31 May 2019 14:18

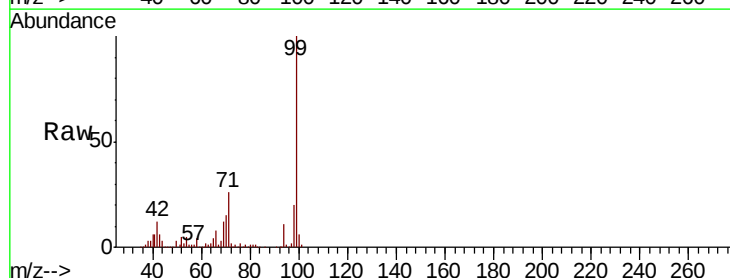
Tgt Ion: 94 Resp: 46218

Ion Ratio Lower Upper

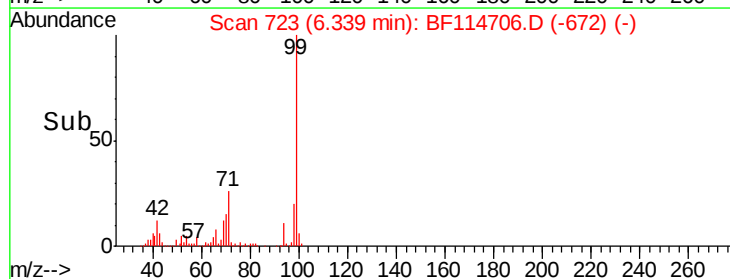
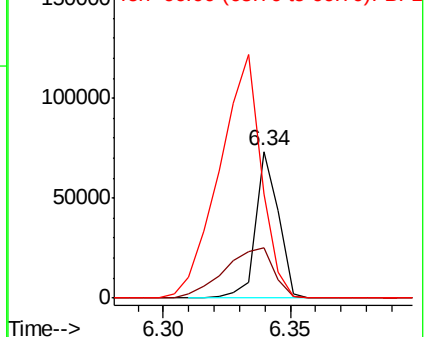
94 100

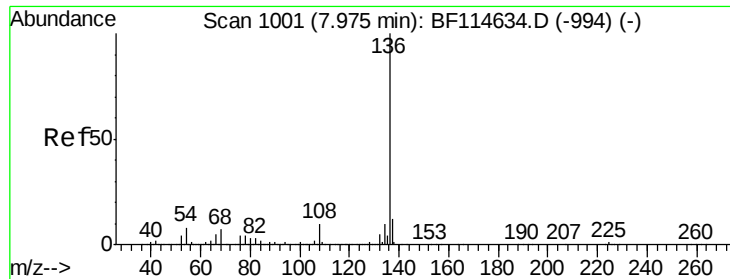
65 34.0 11.0 51.0

66 70.8 23.0 63.0#



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

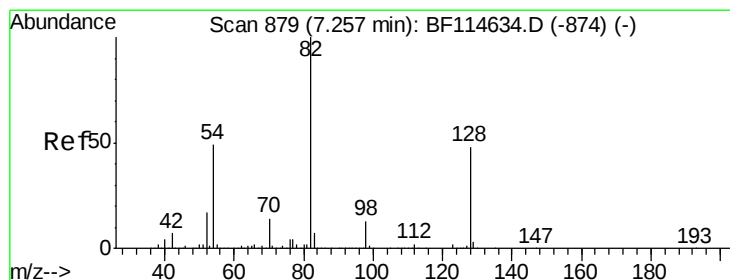
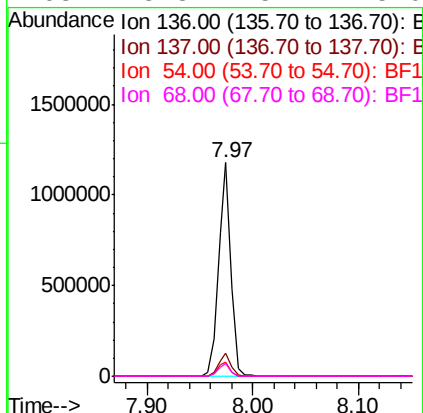
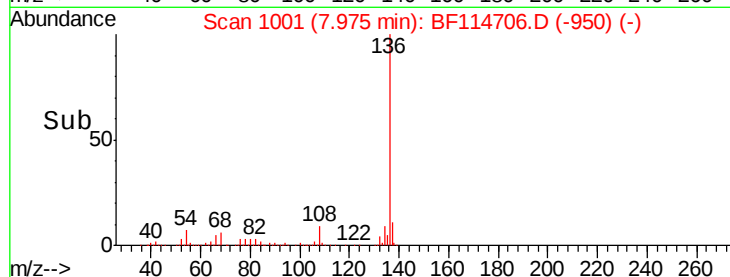
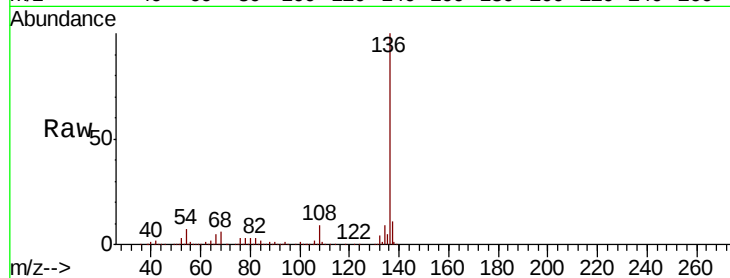




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

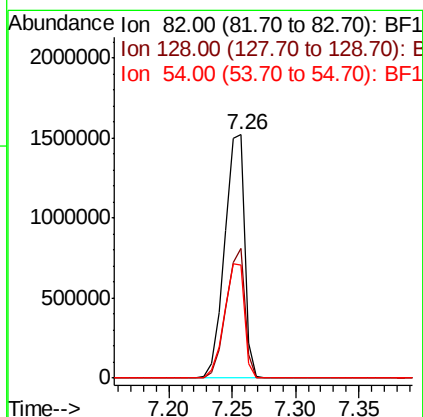
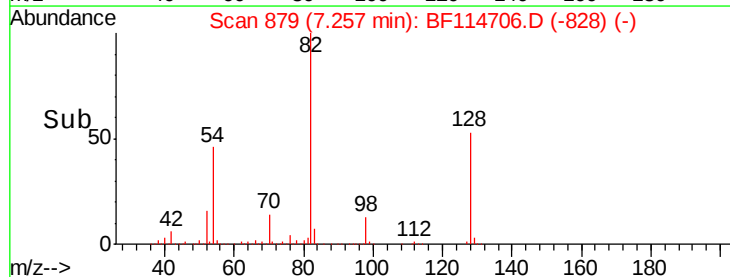
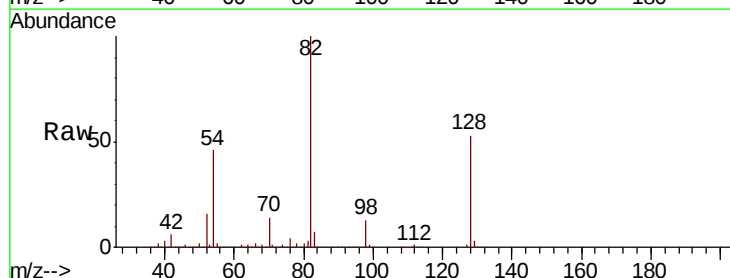
Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

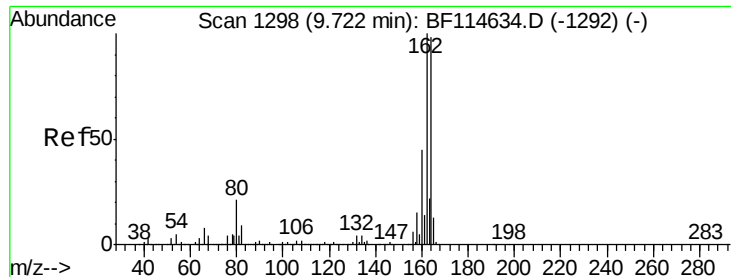
Tot Ion:136	Resp:	973087
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.3	13.9
54 6.6	6.3	9.5
68 5.8	5.4	8.0



#23
Nitrobenzene-d5
Concen: 106.226 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion: 82	Resp: 1656821
Ion Ratio	Lower Upper
82 100	
128 53.4	38.5 57.7
54 46.4	39.1 58.7

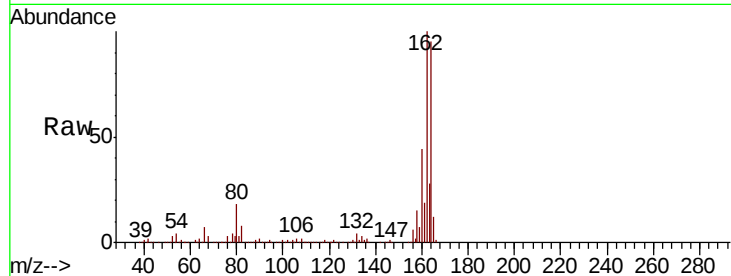




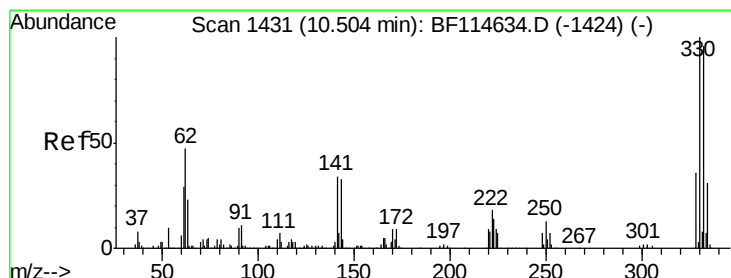
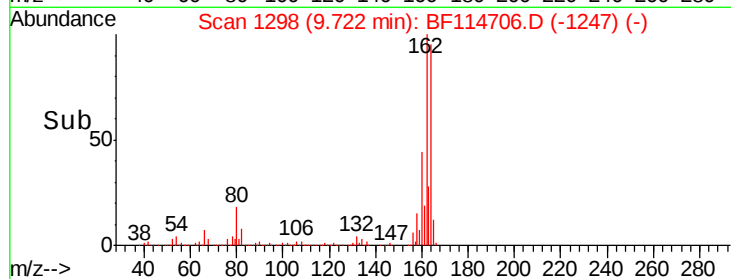
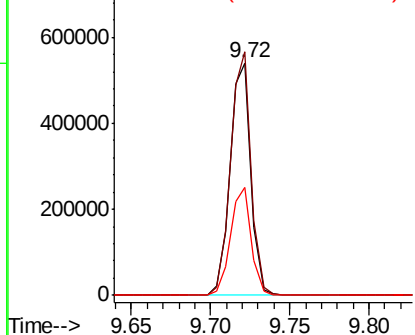
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.4	122.2
160	46.6	36.6	54.8

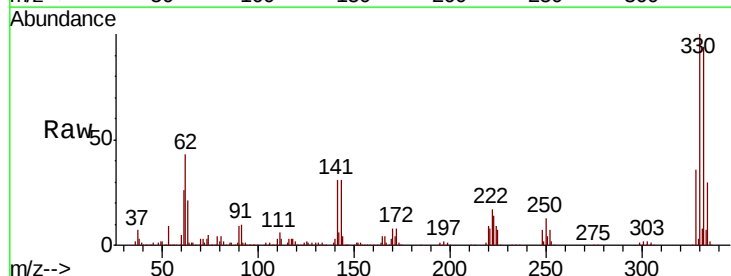


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

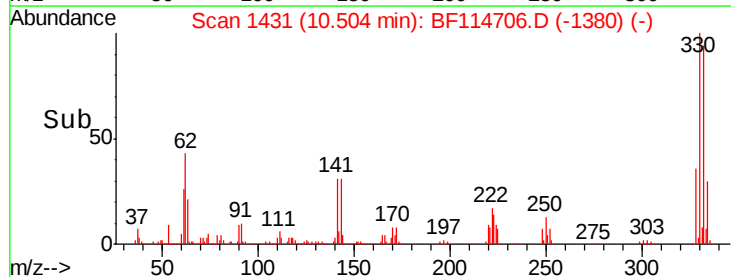
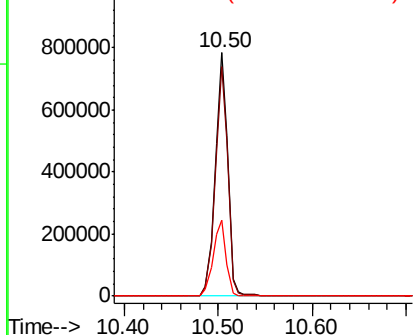


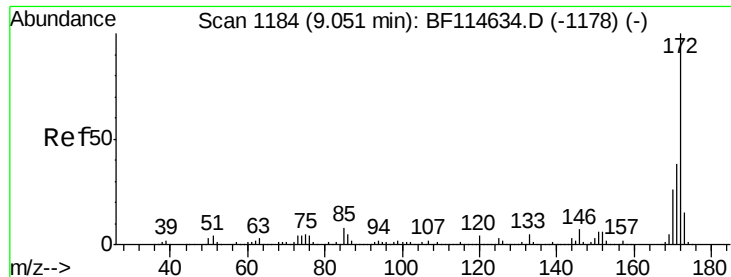
#42
2,4,6-Tribromophenol
Concen: 160.345 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.8	113.8
141	32.2	27.8	41.8



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

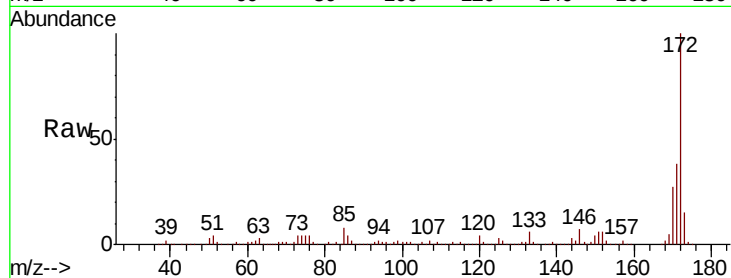




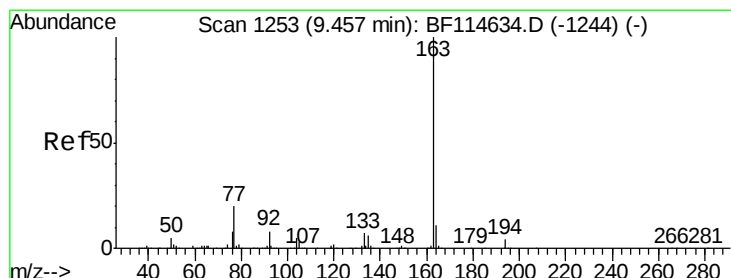
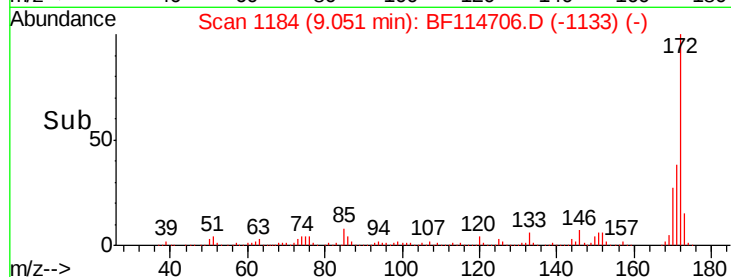
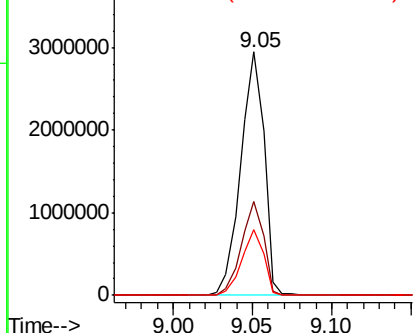
#45
2-Fluorobiphenyl
Concen: 123.246 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tot Ion:172 Resp: 3005927
Ion Ratio Lower Upper
172 100
171 38.4 30.6 45.8
170 26.7 20.7 31.1

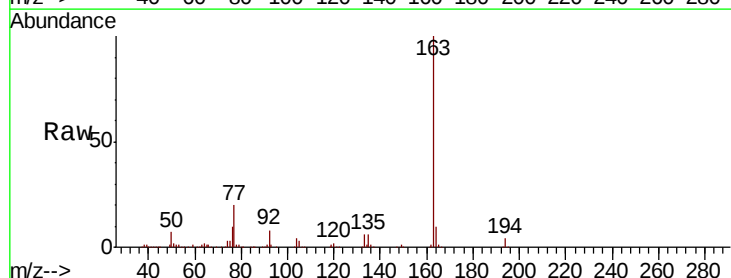


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

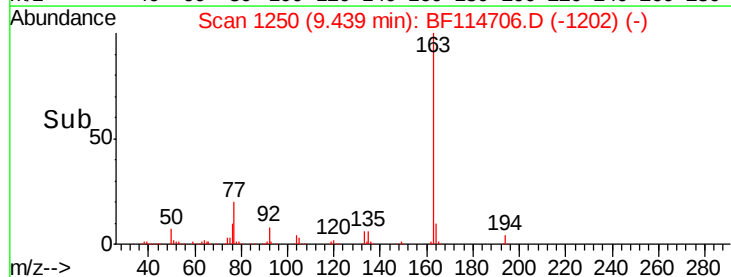
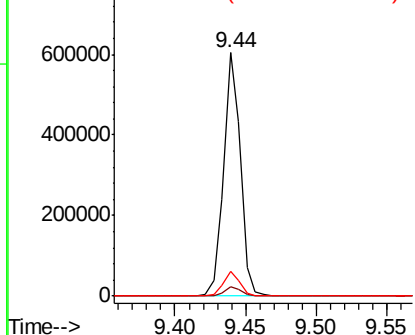


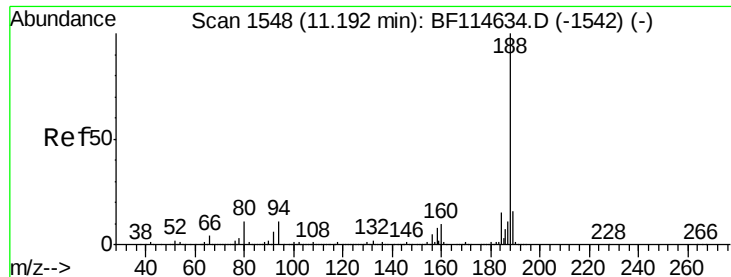
#50
Dimethylphthalate
Concen: 14.704 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion:163 Resp: 498534
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.0 8.6 13.0



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

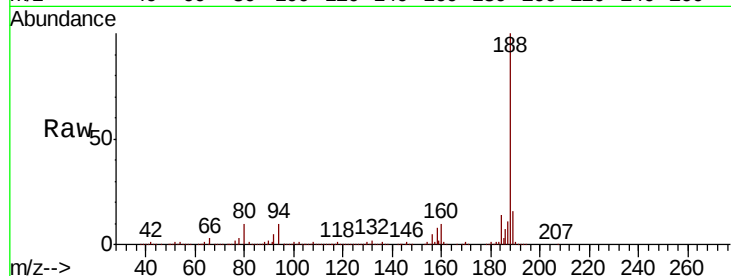




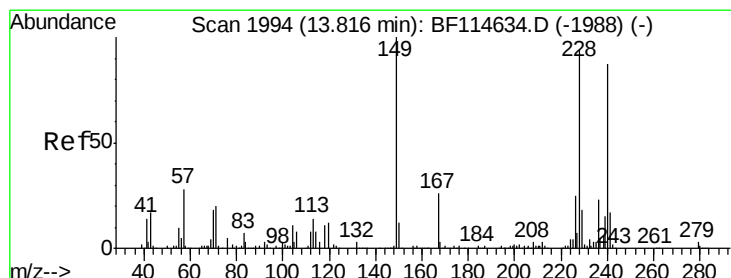
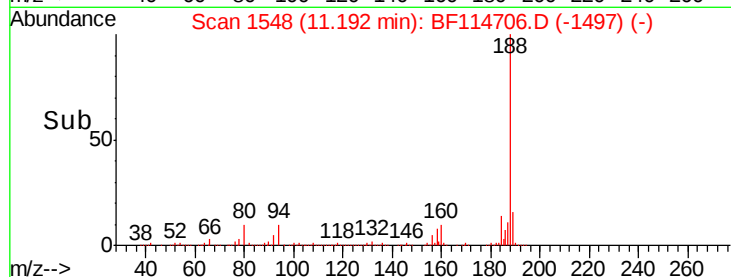
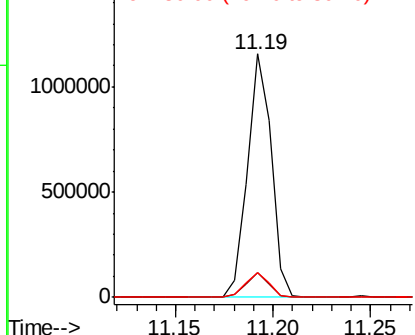
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tot Ion:188 Resp: 978123
Ion Ratio Lower Upper
188 100
94 10.0 8.6 13.0
80 10.2 9.0 13.6

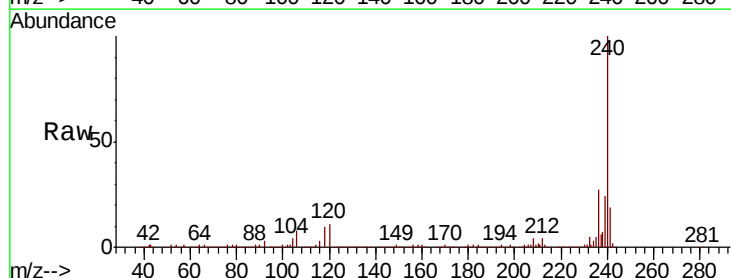


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

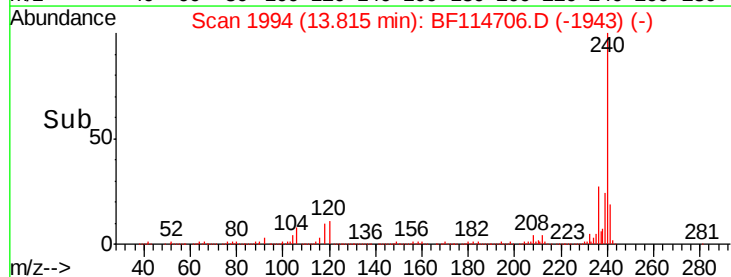
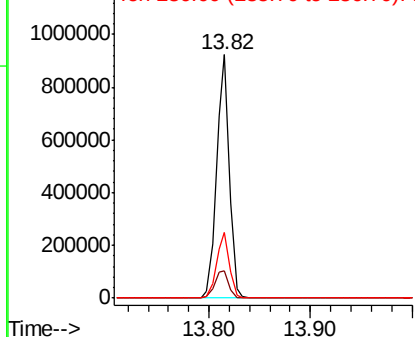


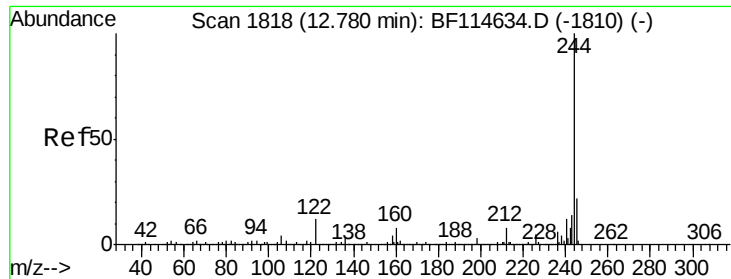
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion:240 Resp: 796568
Ion Ratio Lower Upper
240 100
120 11.3 11.2 16.8
236 27.2 21.2 31.8



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: 81.675 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114706.D

Acq: 31 May 2019 14:18

Instrument :

BNA_F

ClientSampleId :

FESB-21(4.5-5)

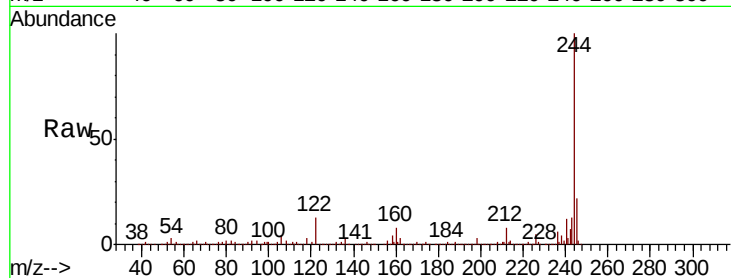
Tot Ion:244 Resp: 3460354

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

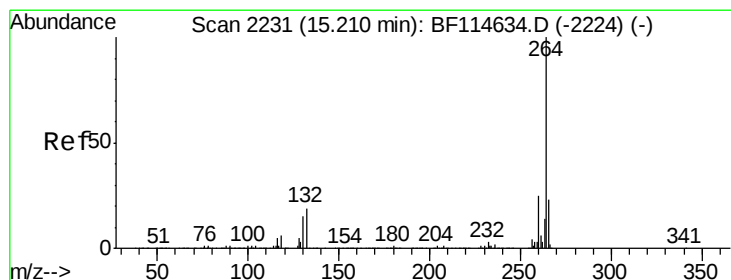
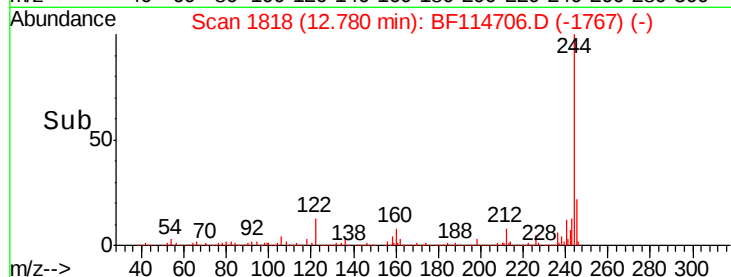
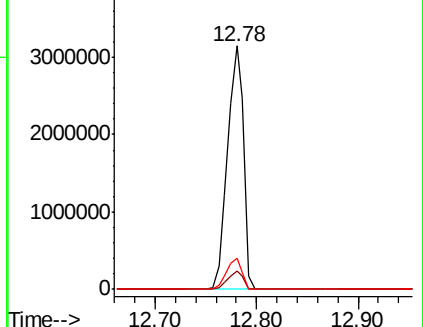
122 13.0 9.8 14.8



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: 15.21 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BF114706.D

Acq: 31 May 2019 14:18

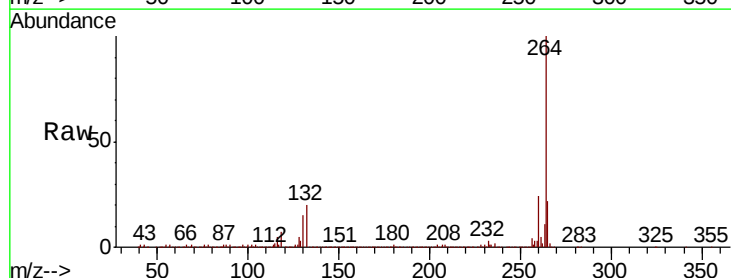
Tgt Ion:264 Resp: 725693

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.9 18.1 27.1



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

