

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114749.D
 Acq On : 1 Jun 2019 11:46
 Operator : HP/JU
 Sample : K3097-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0425-HR-5(HACKENSACK)

Quant Time: Jun 03 02:43:12 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

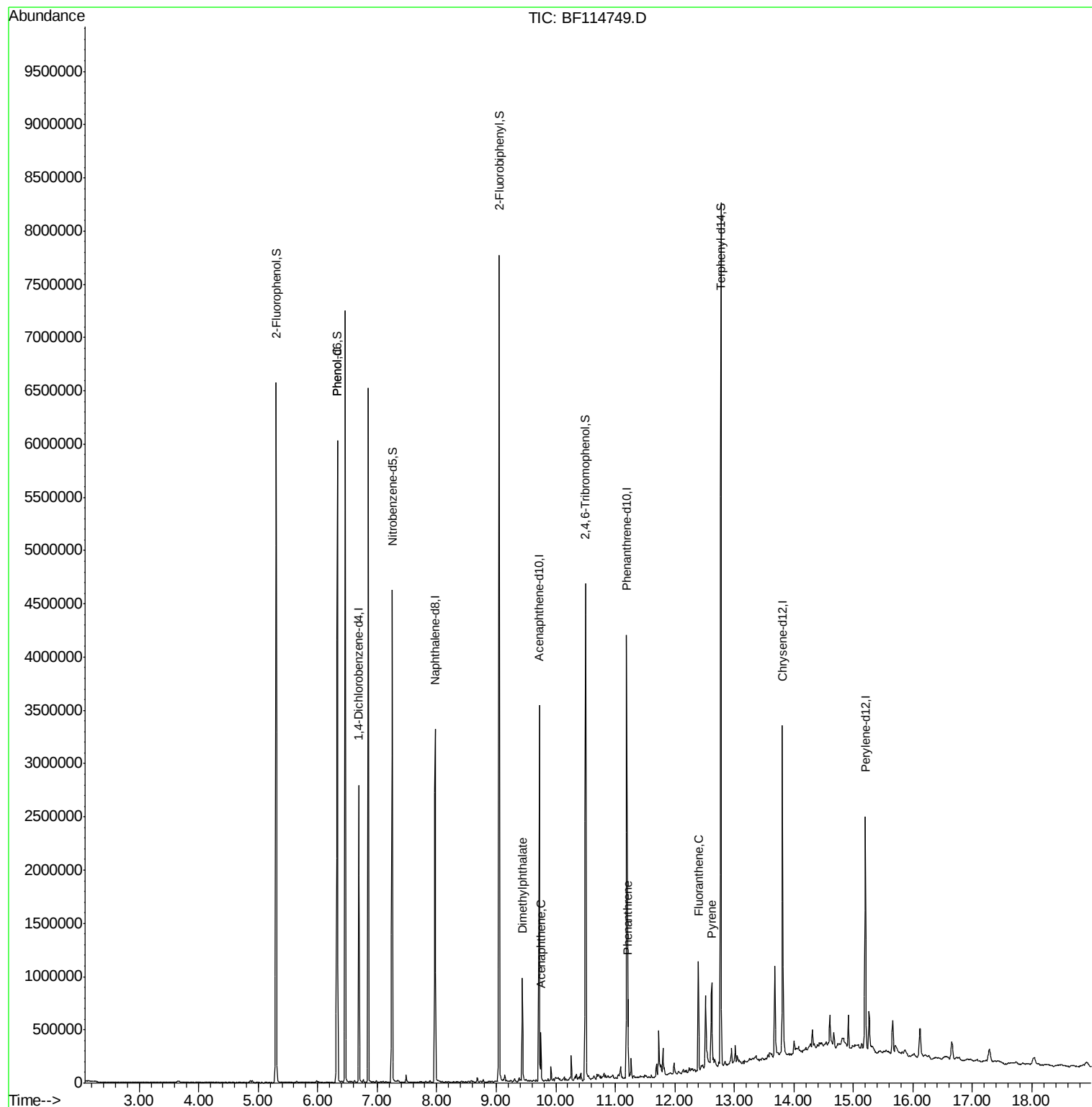
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	394222	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1514208	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	747978	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1464121	20.00	ng	0.00
76) Chrysene-d12	13.81	240	986057	20.00	ng	0.00
87) Perylene-d12	15.20	264	992493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2076761	92.49	ng	0.01
7) Phenol-d6	6.33	99	2523852	93.28	ng	0.00
23) Nitrobenzene-d5	7.25	82	1536927	63.33	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	633483	88.88	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2618561	61.30	ng	0.00
79) Terphenyl-d14	12.77	244	2801491	53.42	ng	0.00
Target Compounds						
10) Phenol	6.34	94	104624	3.201	ng	92
50) Dimethylphthalate	9.44	163	370642	7.111	ng	98
52) Acenaphthene	9.75	154	90648	2.101	ng	97
71) Phenanthrene	11.22	178	237801	3.184	ng	95
75) Fluoranthene	12.40	202	429322	5.551	ng	94
78) Pyrene	12.62	202	306144	3.670	ng	95

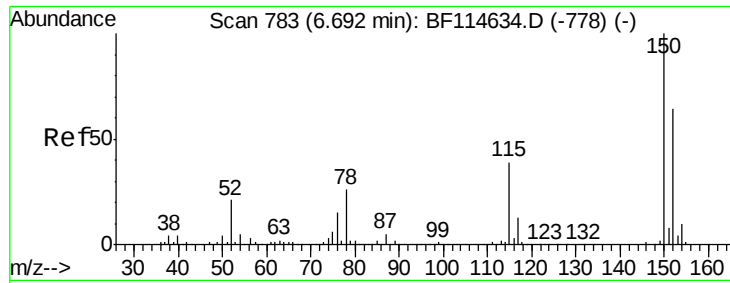
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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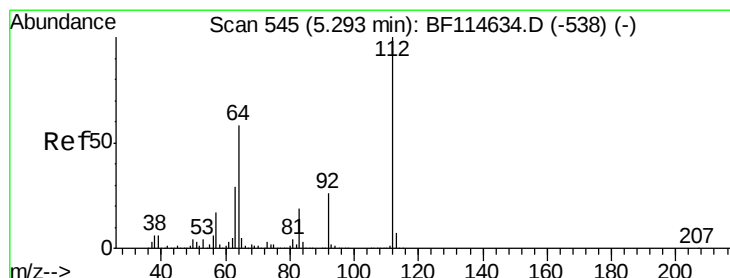
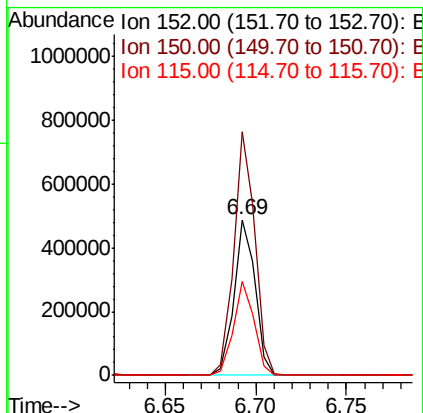
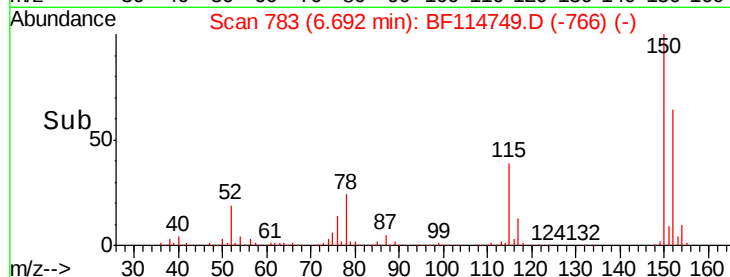
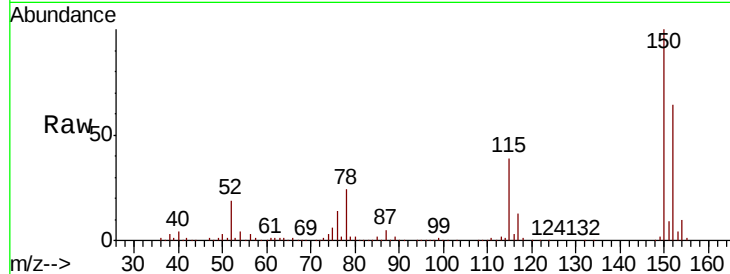


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

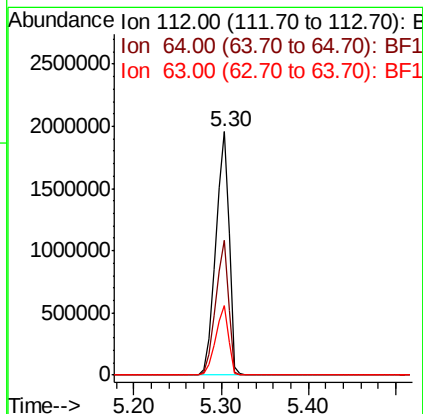
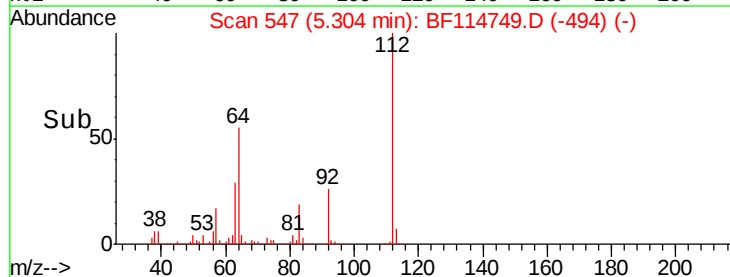
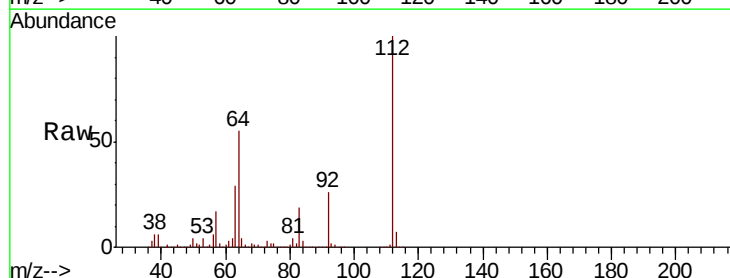
Tot Ion:152 Resp: 394222
Ion Ratio Lower Upper
152 100
150 156.2 124.4 186.6
115 60.5 48.7 73.1

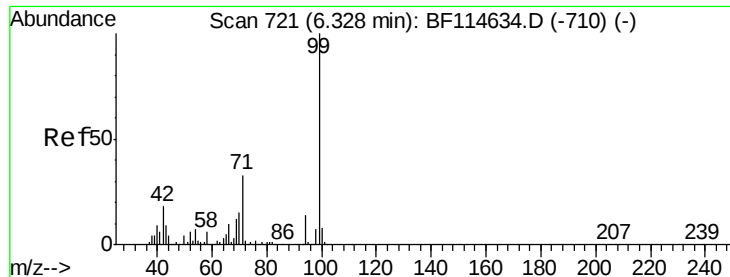


#5

2-Fluorophenol
Concen: 92.491 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

Tgt Ion:112 Resp: 2076761
Ion Ratio Lower Upper
112 100
64 55.5 46.1 69.1
63 28.8 23.4 35.2





#7

Phenol-d6

Concen: 93.277 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114749.D

Acq: 1 Jun 2019 11:46

Instrument :

BNA_F

ClientSampleId :

0425-HR-5(HACKENSACK)

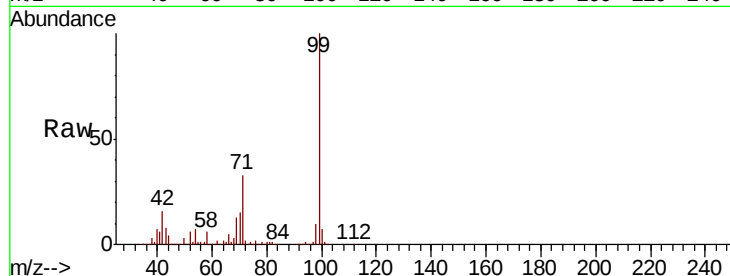
Tot Ion: 99 Resp: 2523852

Ion Ratio Lower Upper

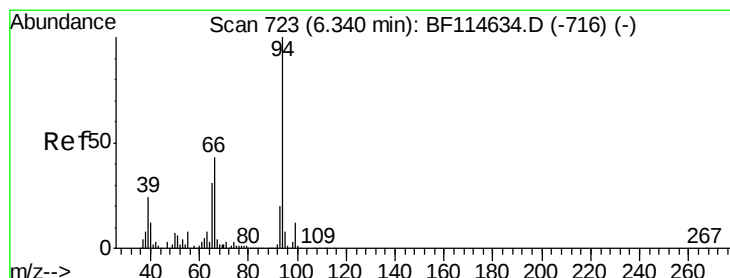
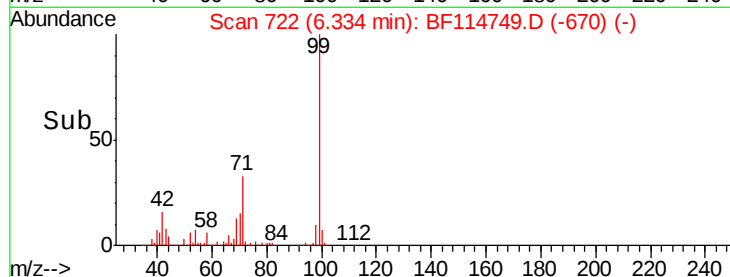
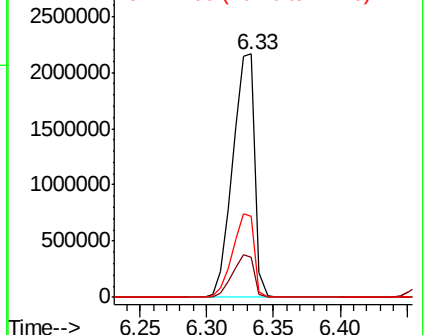
99 100

42 16.5 14.7 22.1

71 33.3 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: 3.201 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114749.D

Acq: 1 Jun 2019 11:46

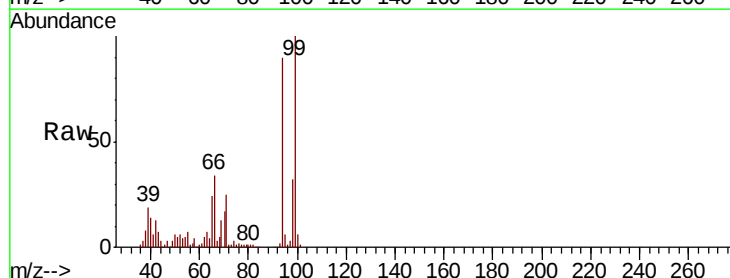
Tgt Ion: 94 Resp: 104624

Ion Ratio Lower Upper

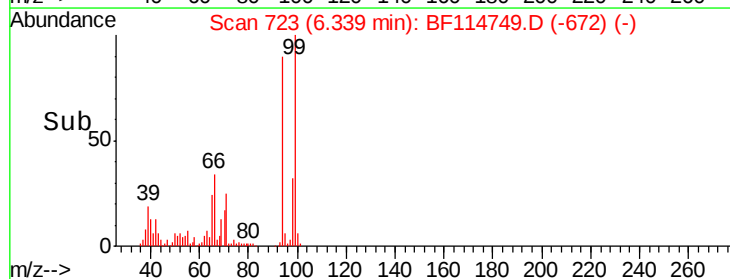
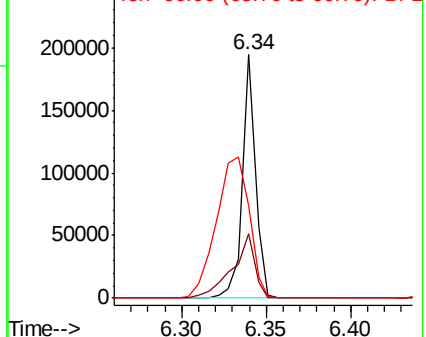
94 100

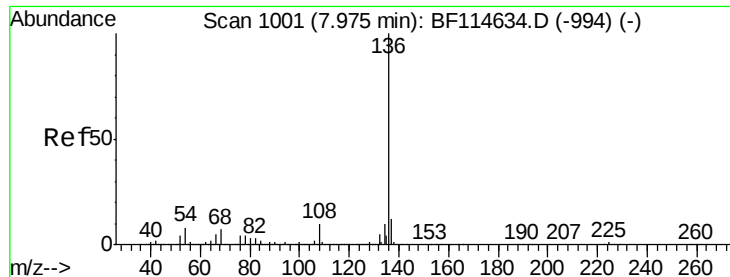
65 26.3 11.0 51.0

66 37.8 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

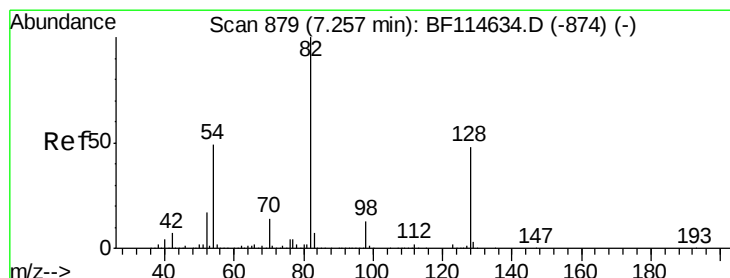
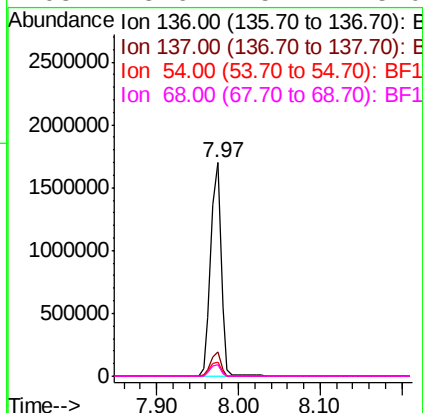
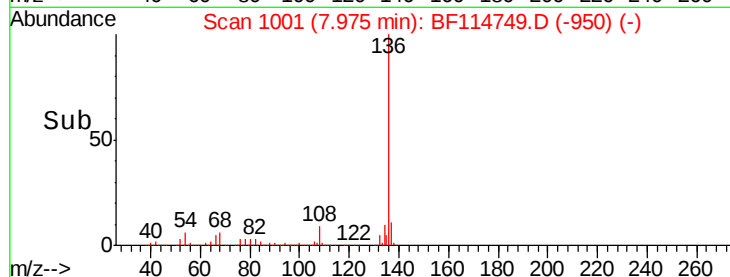
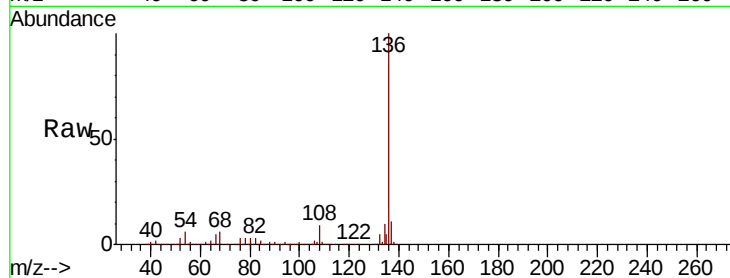




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

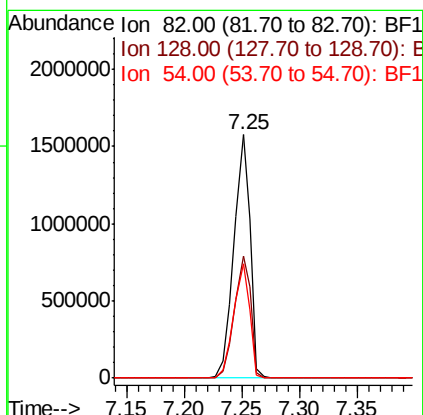
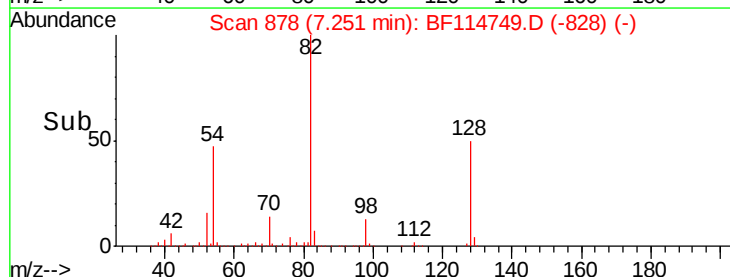
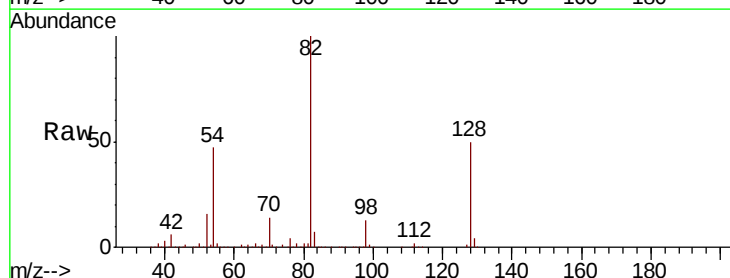
Instrument :
BNA_F
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0425-HR-5(HACKENSACK)

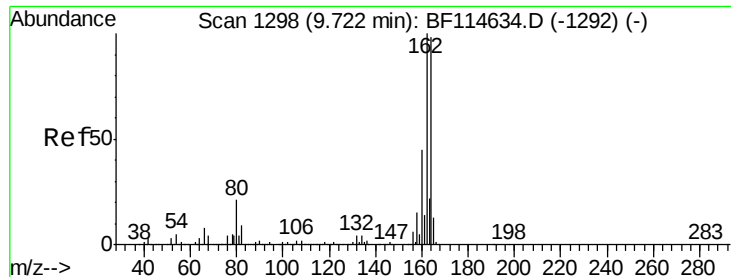
Tot Ion:136	Resp: 1514208
Ion Ratio	Lower Upper
136 100	
137 11.5	9.3 13.9
54 6.4	6.3 9.5
68 5.6	5.4 8.0



#23
Nitrobenzene-d5
Concen: 63.325 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

Tgt	Ion: 82	Resp: 1536927	
Ion	Ratio	Lower	Upper
82	100		
128	49.9	38.5	57.7
54	47.1	39.1	58.7

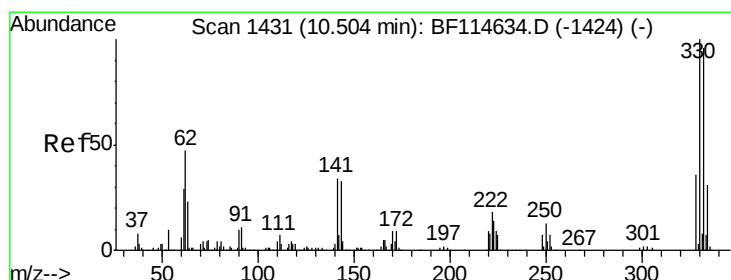
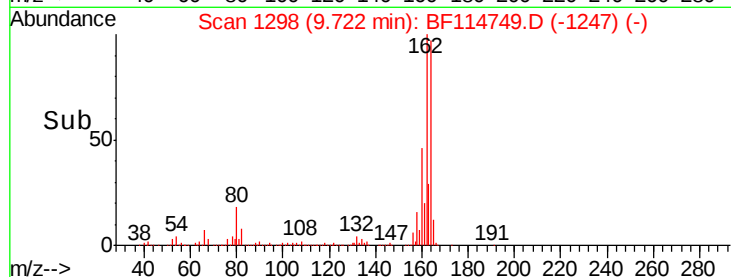
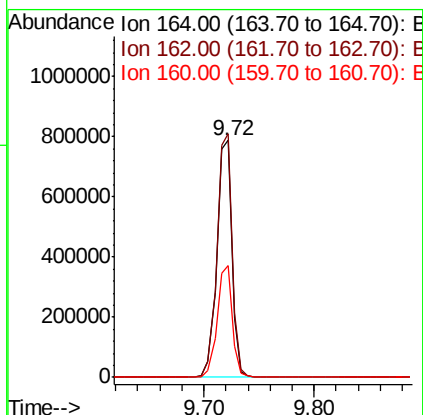
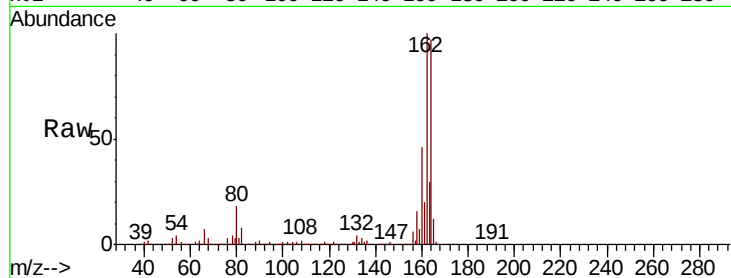




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

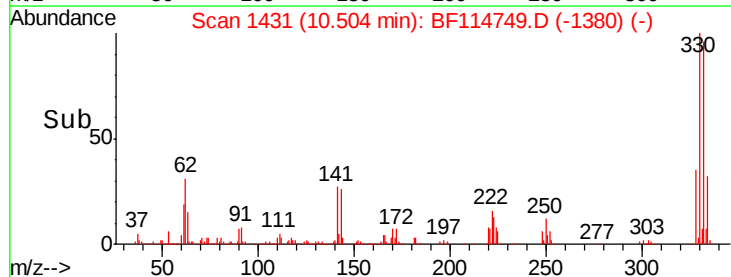
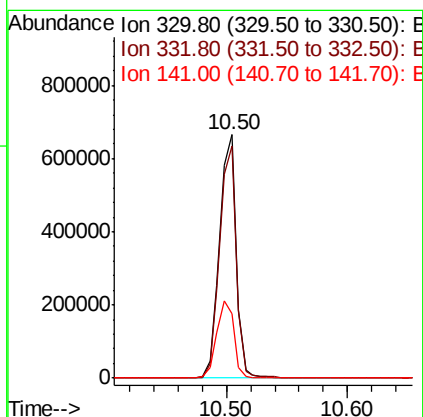
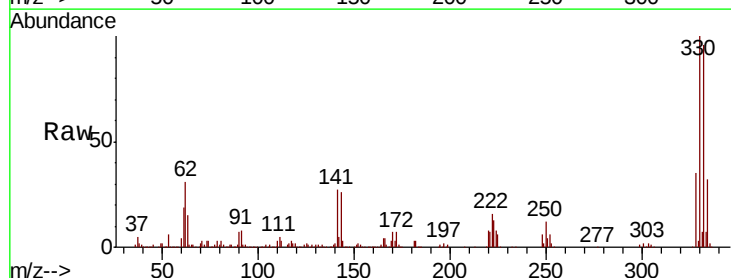
Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

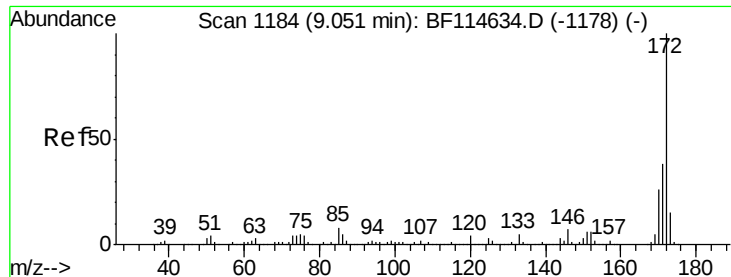
Tot Ion:164 Resp: 747978
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.2
160 47.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 88.884 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

Tgt Ion:330 Resp: 633483
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.8
141 33.3 27.8 41.8

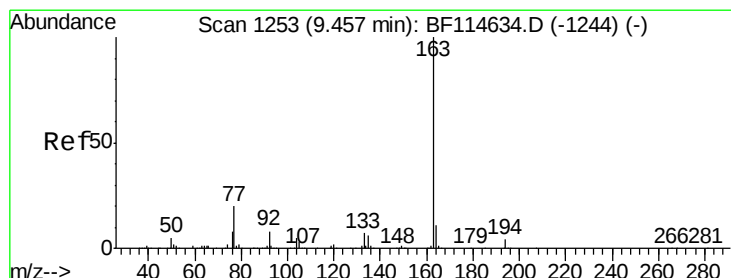
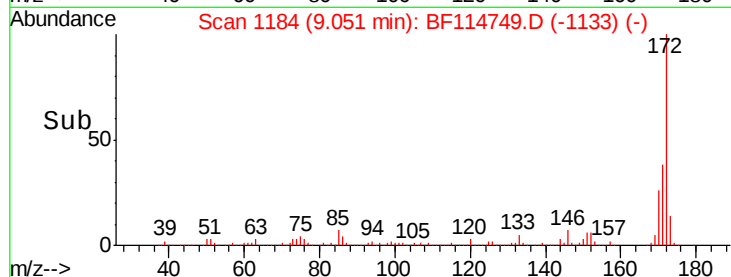
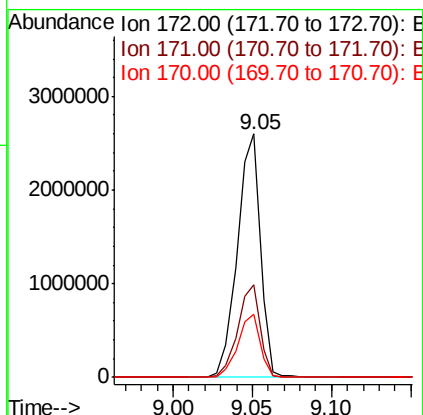
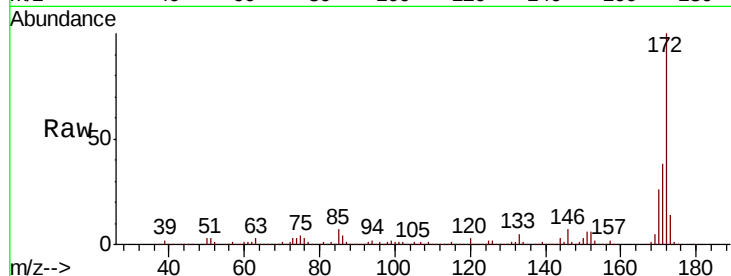




#45
2-Fluorobiphenyl
Concen: 61.302 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

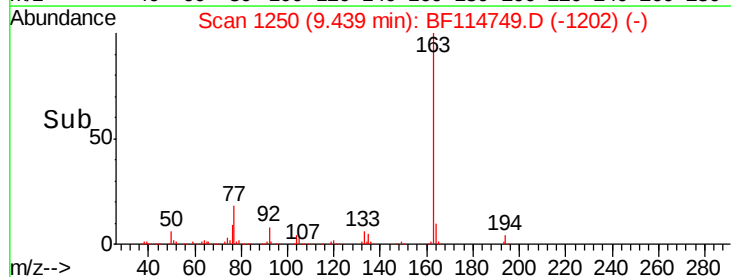
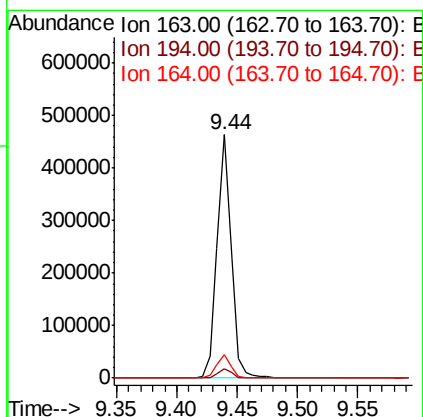
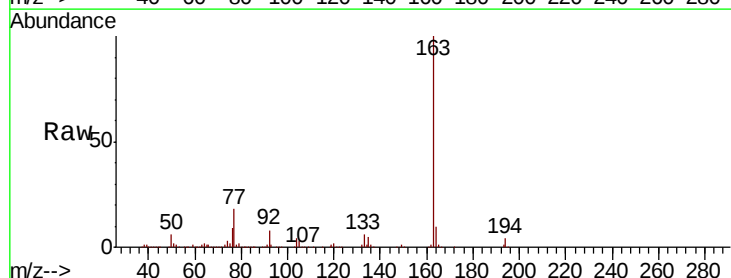
Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

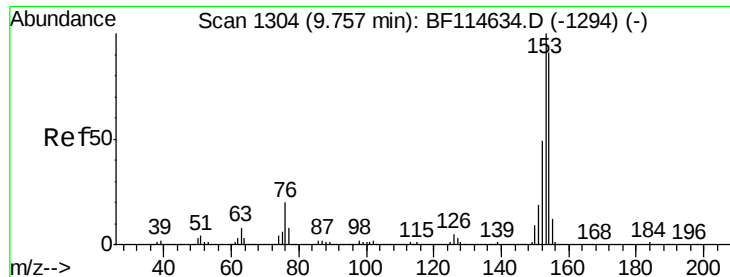
Tot Ion:172 Resp: 2618561
Ion Ratio Lower Upper
172 100
171 38.0 30.6 45.8
170 26.2 20.7 31.1



#50
Dimethylphthalate
Concen: 7.111 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

Tgt Ion:163 Resp: 370642
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.7 8.6 13.0





#52

Acenaphthene

Concen: 2.101 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114749.D

Acq: 1 Jun 2019 11:46

Instrument :

BNA_F

ClientSampleId :

0425-HR-5(HACKENSACK)

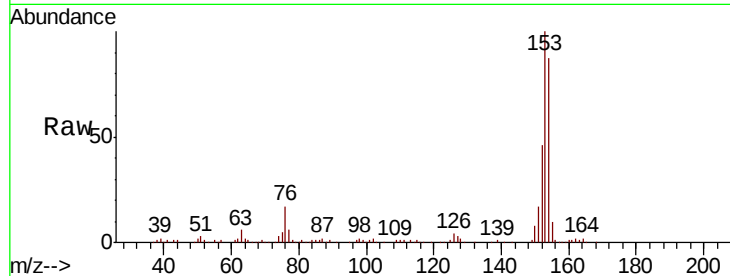
Tot Ion:154 Resp: 90648

Ion Ratio Lower Upper

154 100

153 114.4 88.4 132.6

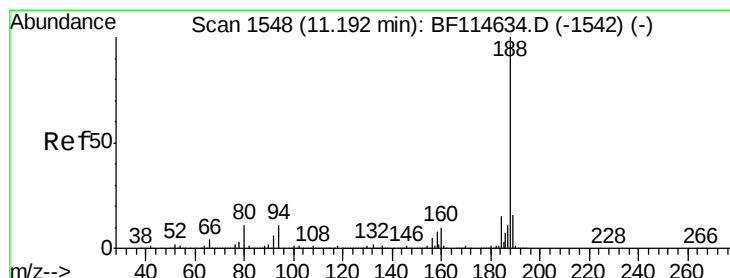
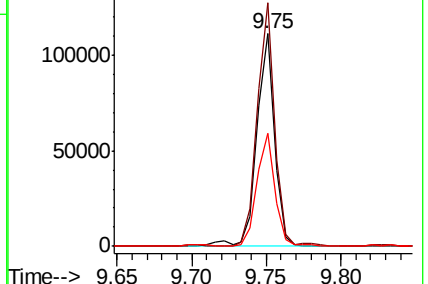
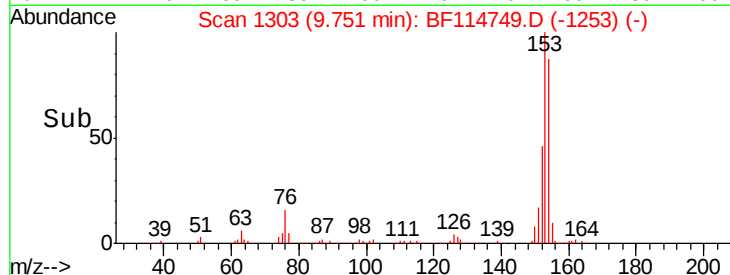
152 53.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114749.D

Acq: 1 Jun 2019 11:46

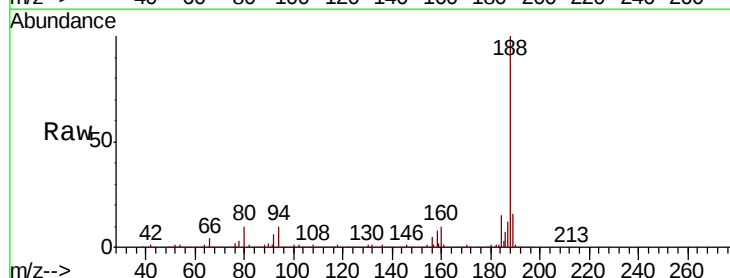
Tgt Ion:188 Resp: 1464121

Ion Ratio Lower Upper

188 100

94 10.0 8.6 13.0

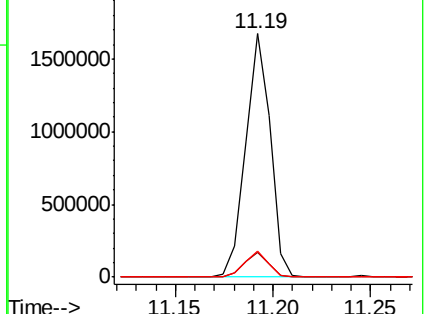
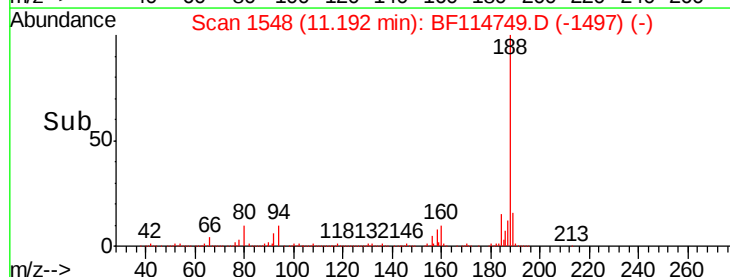
80 10.5 9.0 13.6

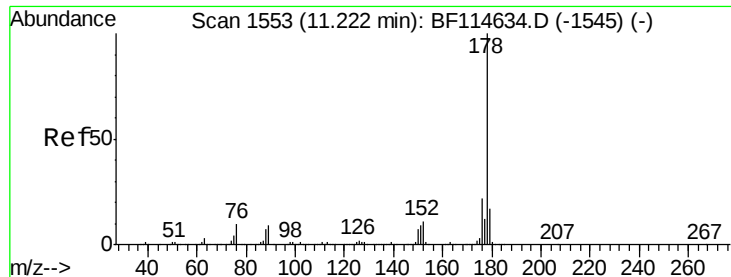


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

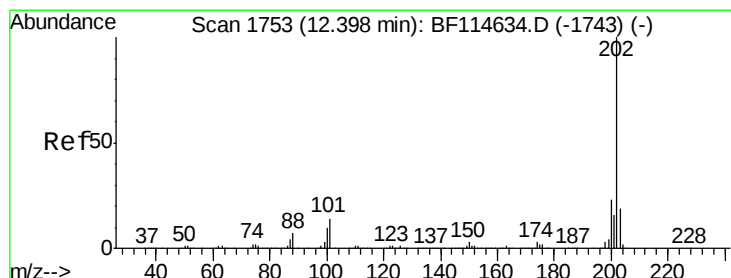
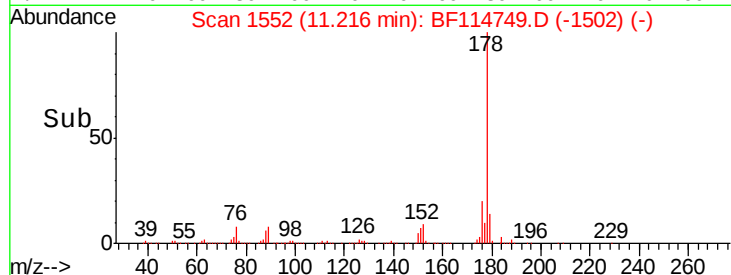
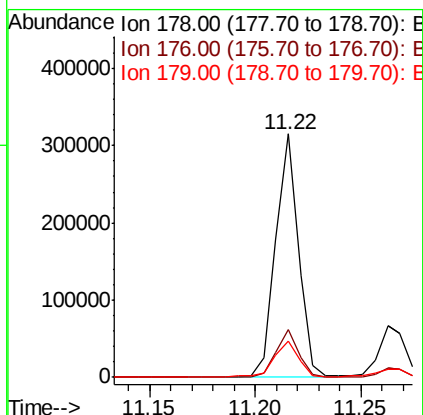
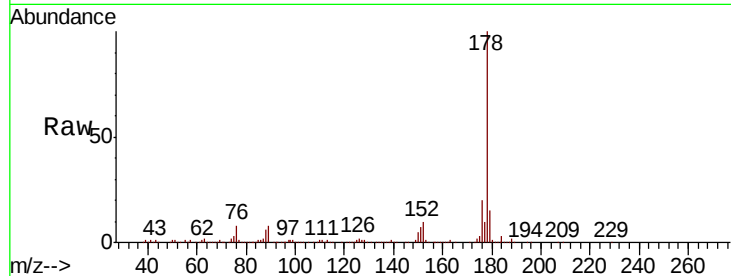




#71
Phenanthrene
Concen: 3.184 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

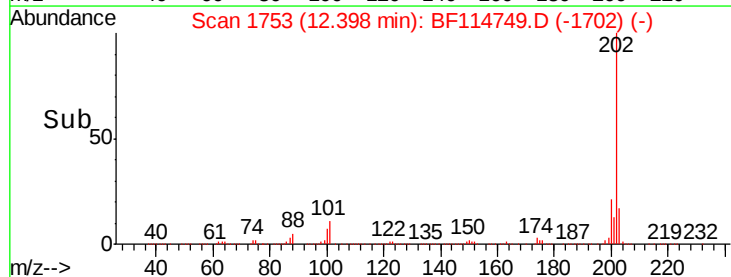
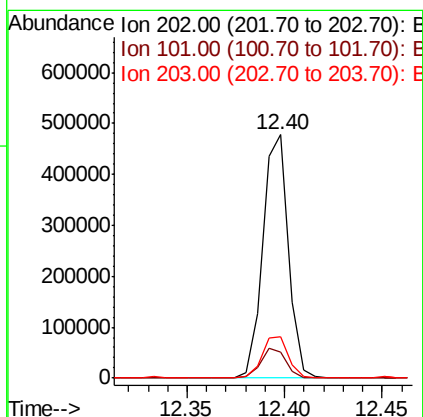
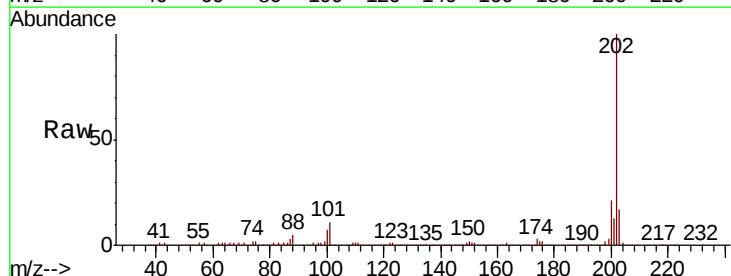
Instrument :
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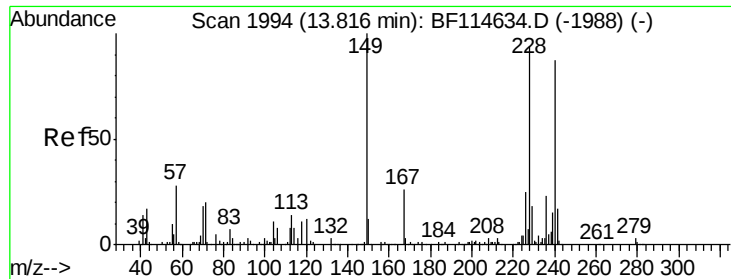
Tot Ion:178 Resp: 237801
Ion Ratio Lower Upper
178 100
176 19.7 17.2 25.8
179 14.8 13.9 20.9



#75
Fluoranthene
Concen: 5.551 ng
RT: 12.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

Tgt Ion:202 Resp: 429322
Ion Ratio Lower Upper
202 100
101 10.7 0.0 33.9
203 17.2 0.0 39.1

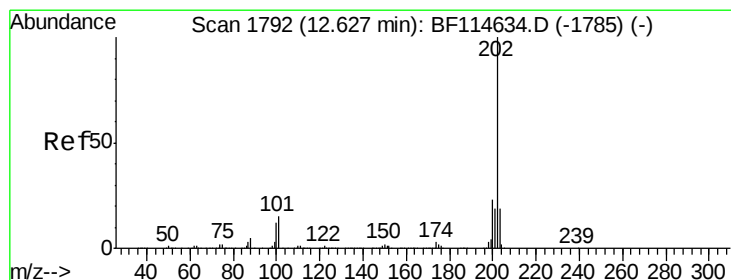
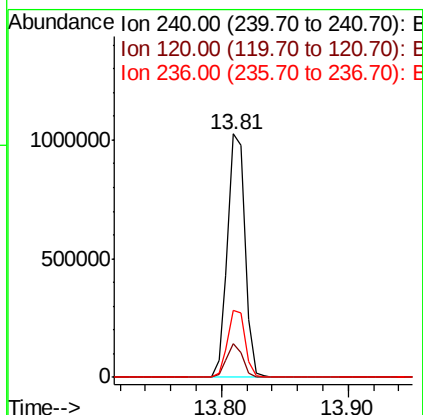
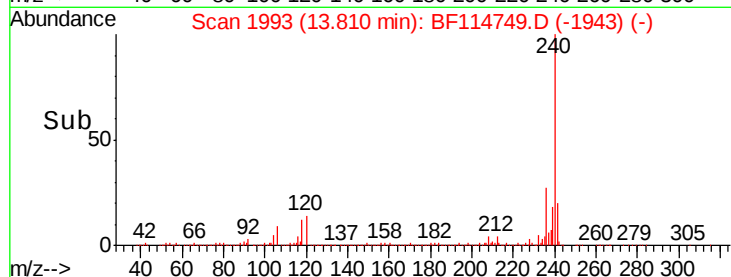
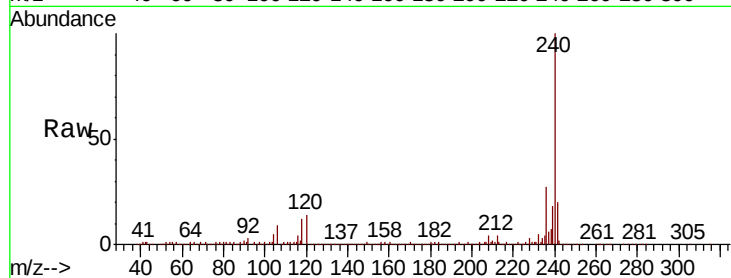




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

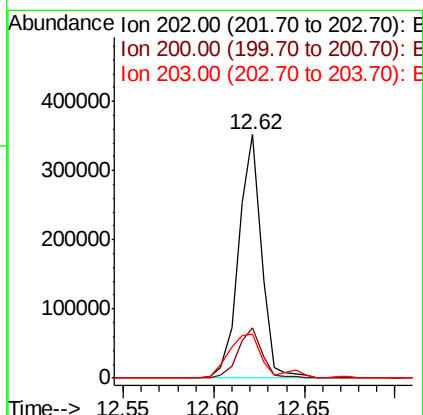
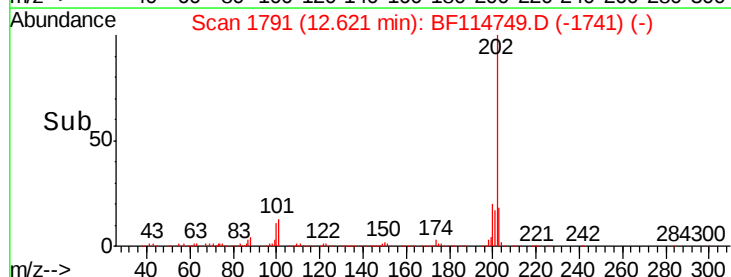
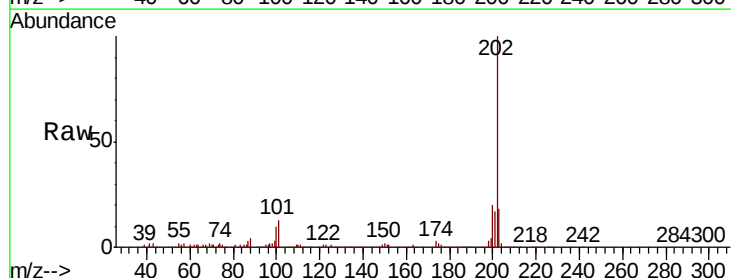
Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

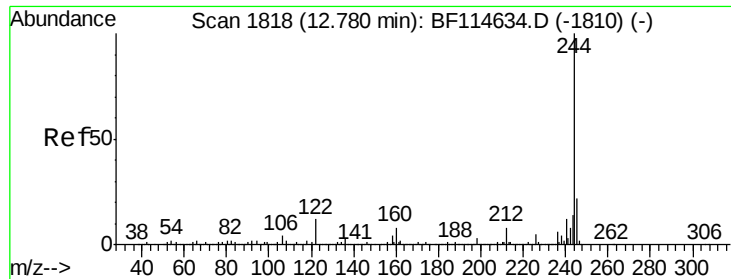
Tot Ion:240 Resp: 986057
Ion Ratio Lower Upper
240 100
120 13.7 11.2 16.8
236 27.3 21.2 31.8



#78
Pyrene
Concen: 3.670 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114749.D
Acq: 1 Jun 2019 11:46

Tgt Ion:202 Resp: 306144
Ion Ratio Lower Upper
202 100
200 20.4 18.6 28.0
203 17.8 15.4 23.2





#79

Terphenyl-d14

Concen: 53.417 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114749.D

Acq: 1 Jun 2019 11:46

Instrument :

BNA_F

ClientSampleId :

0425-HR-5(HACKENSACK)

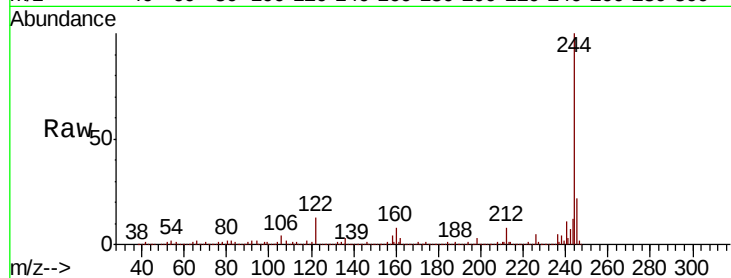
Tot Ion:244 Resp: 2801491

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

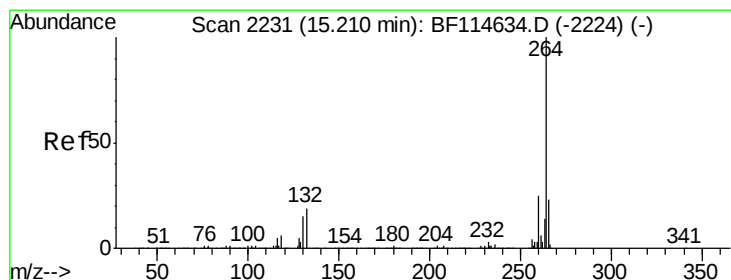
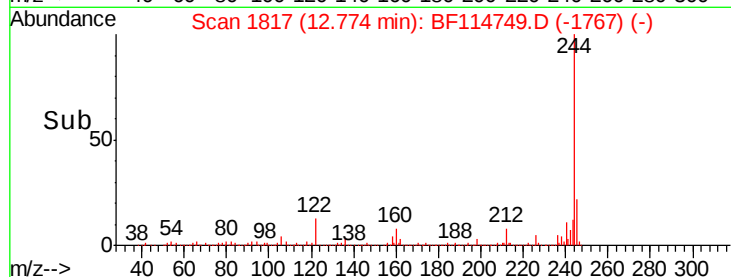
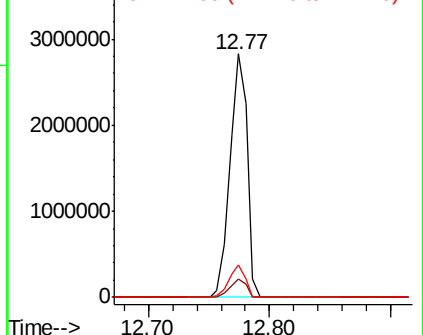
122 13.3 9.8 14.8



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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114749.D

Acq: 1 Jun 2019 11:46

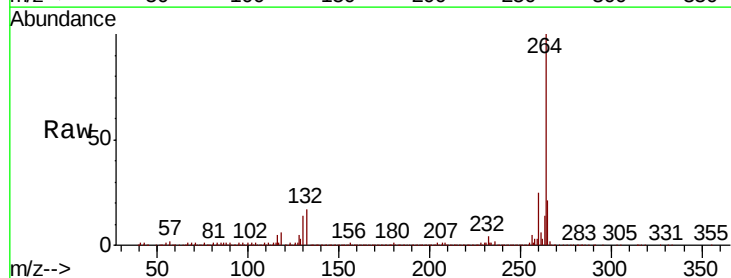
Tgt Ion:264 Resp: 992493

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.4 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

