

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114157.D
 Acq On : 11 May 2019 15:21
 Operator : JU/SJ
 Sample : K2763-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS005-0206-01

Quant Time: May 12 05:52:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

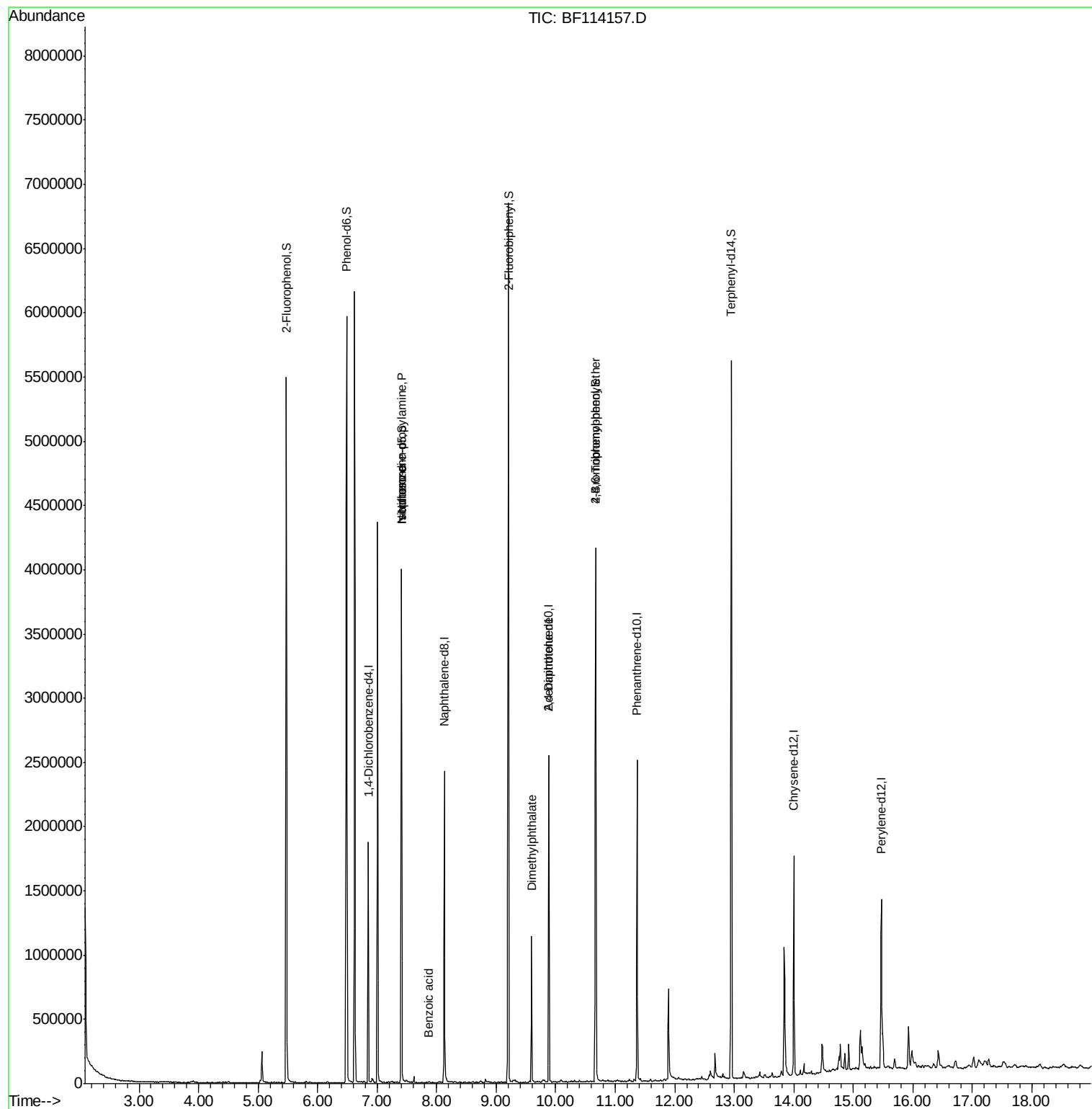
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	266227	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1025429	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	488318	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	962283	20.00	ng	0.00
76) Chrysene-d12	14.00	240	566574	20.00	ng	-0.02
87) Perylene-d12	15.47	264	605177	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1408267	85.13	ng	0.00
7) Phenol-d6	6.49	99	1950159	99.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1194786	65.39	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	486273	96.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1999940	61.95	ng	0.00
79) Terphenyl-d14	12.95	244	1929335	70.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	158422	12.774	ng	# 74
25) Isophorone	7.41	82	1194778	35.257	ng	# 64
32) Benzoic acid	7.87	122	127	7.031	ng	# 1
50) Dimethylphthalate	9.59	163	393106	10.966	ng	99
57) 2,4-Dinitrotoluene	9.88	165	62765	5.816	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	31192	2.944	ng	# 1

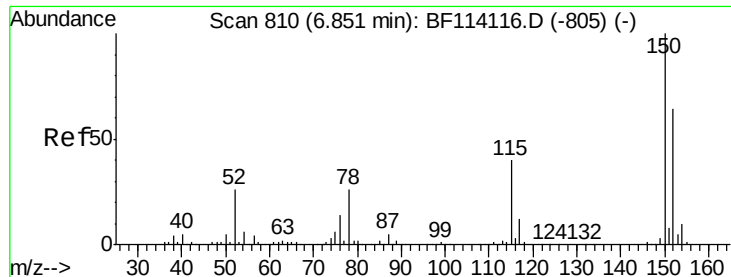
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



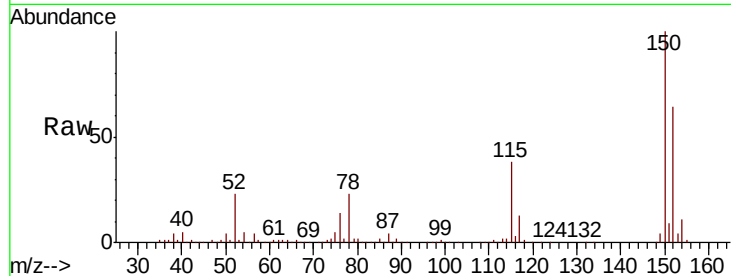


#1

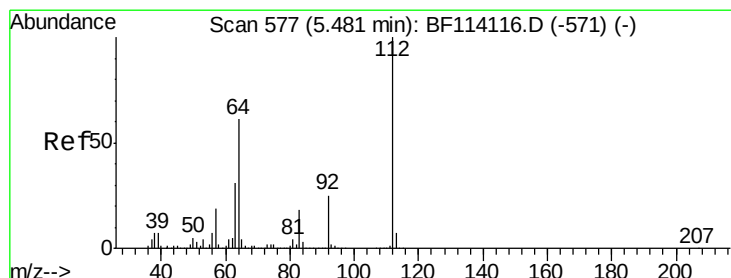
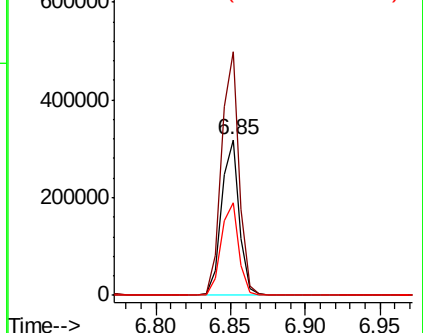
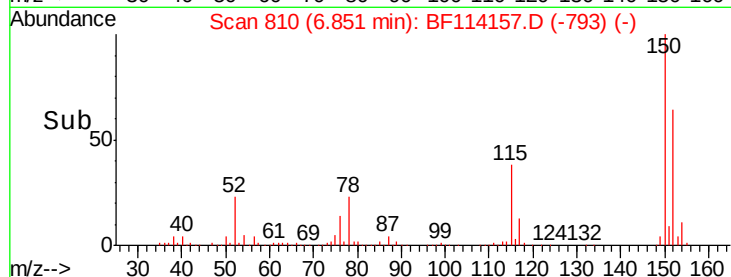
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114157.D
Acq: 11 May 2019 15:21

Instrument :
BNA_F
ClientSampleId :
P021-SS005-0206-01

Tgt Ion:152 Resp: 266227
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 59.6 49.1 73.7



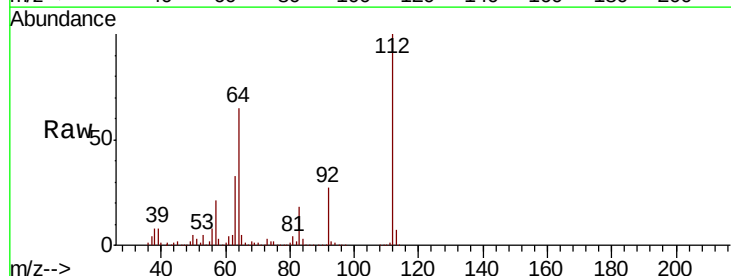
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



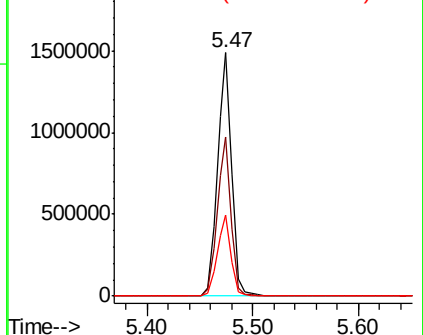
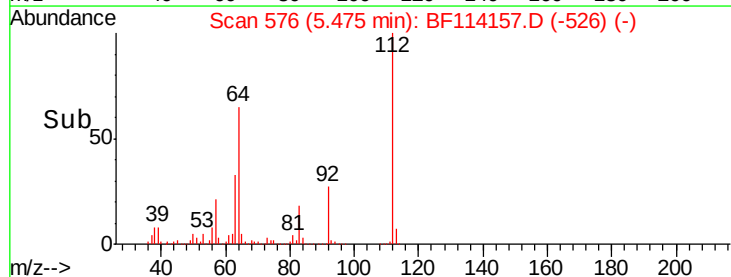
#5

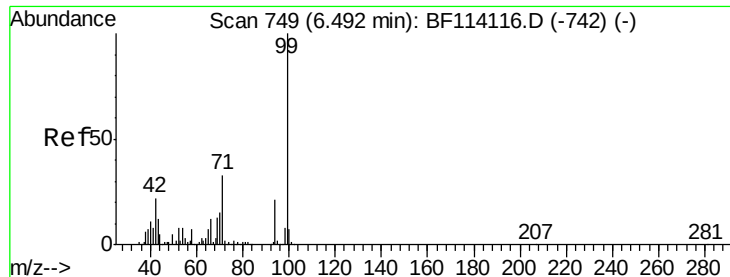
2-Fluorophenol
Concen: 85.125 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114157.D
Acq: 11 May 2019 15:21

Tgt Ion:112 Resp: 1408267
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.6
63 33.4 24.6 37.0



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: 99.669 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114157.D

Acq: 11 May 2019 15:21

Instrument :

BNA_F

ClientSampleId :

P021-SS005-0206-01

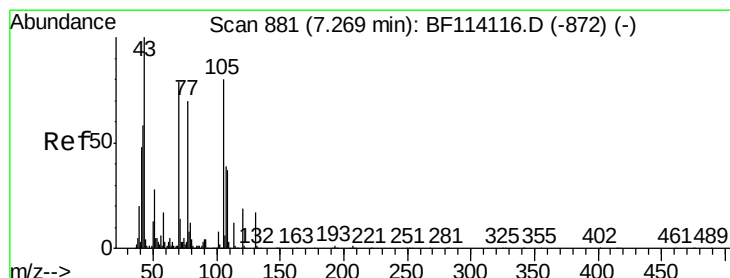
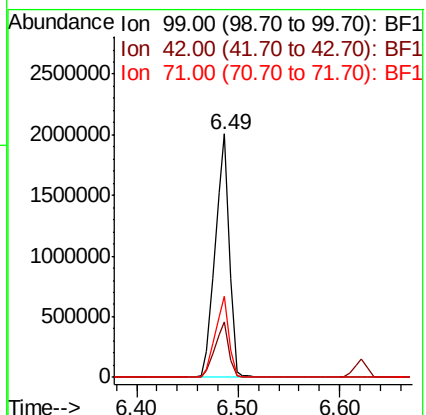
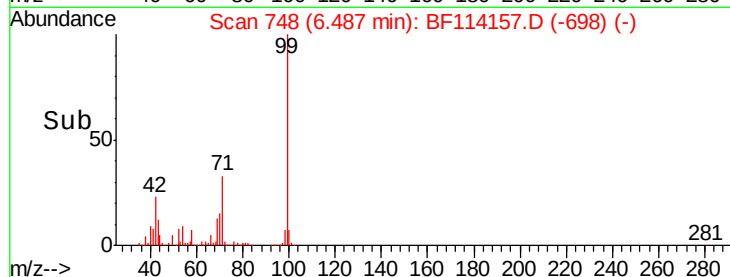
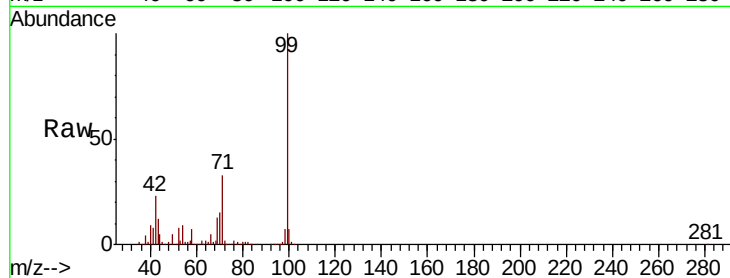
Tgt Ion: 99 Resp: 1950159

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 33.1 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.774 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114157.D

Acq: 11 May 2019 15:21

Tgt Ion: 70 Resp: 158422

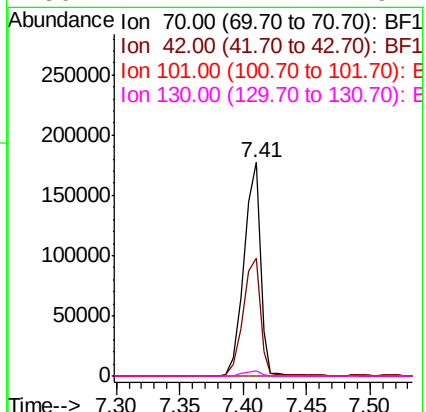
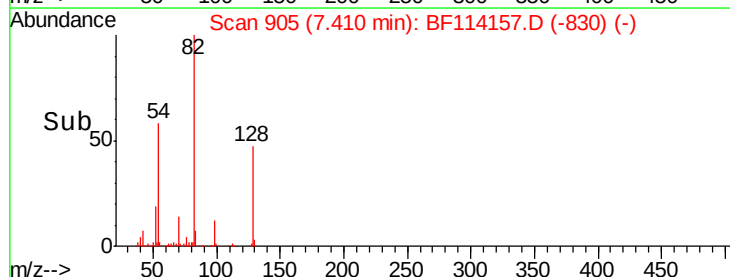
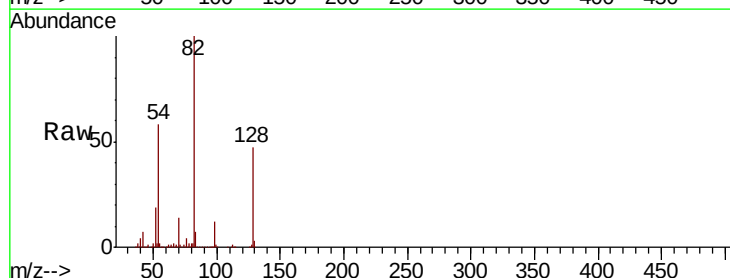
Ion Ratio Lower Upper

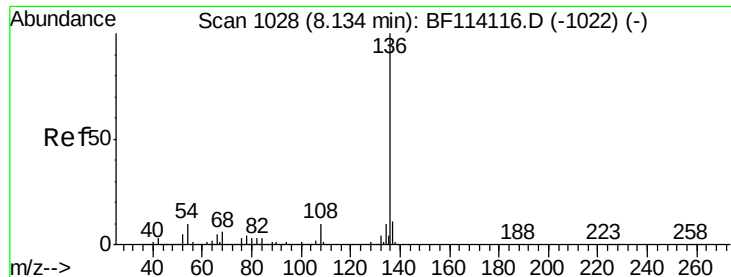
70 100

42 54.9 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

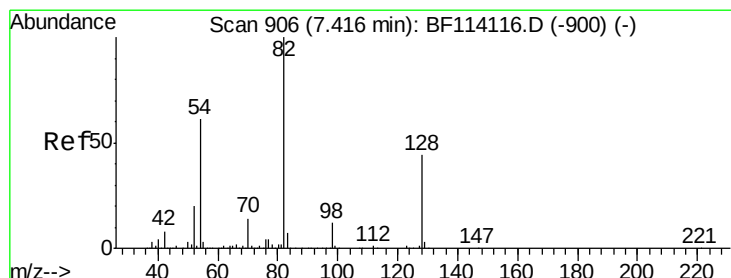
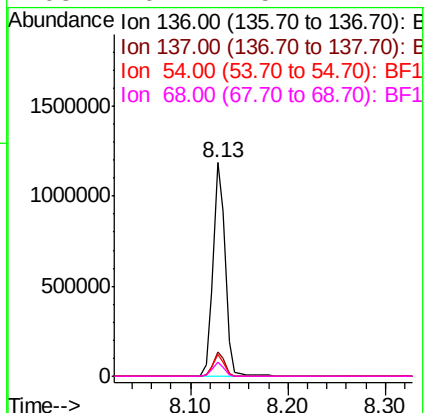
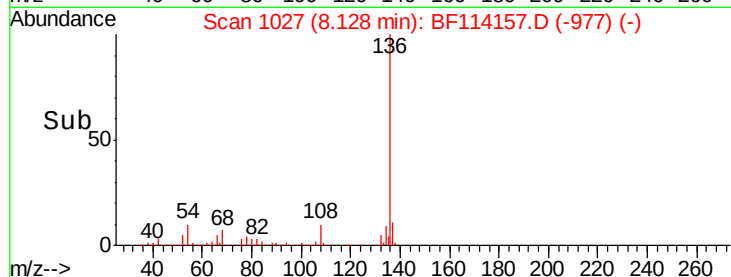
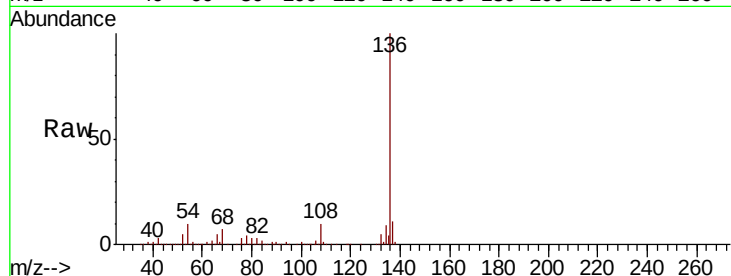




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114157.D
Acq: 11 May 2019 15:21

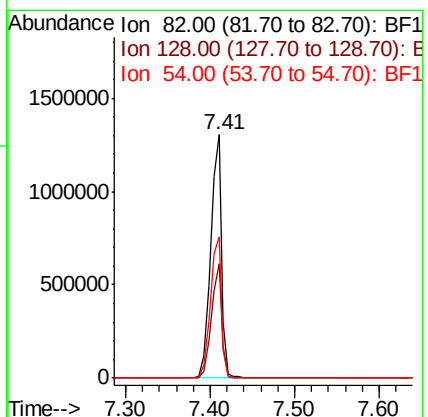
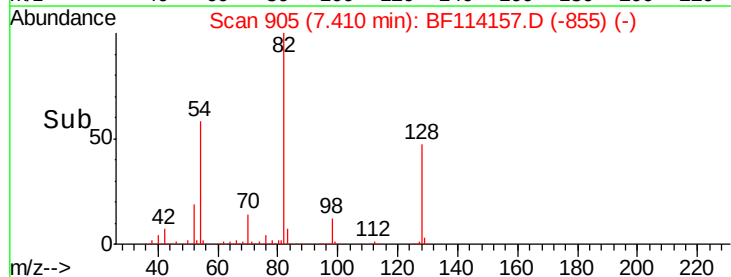
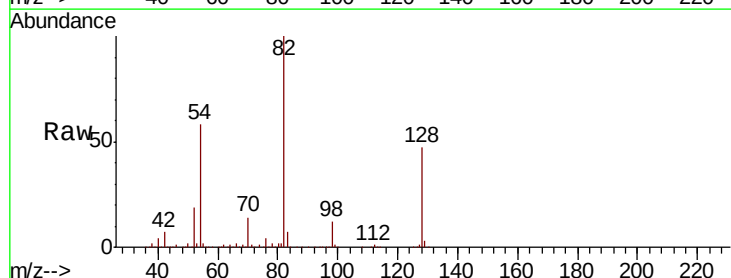
Instrument :
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P021-SS005-0206-01

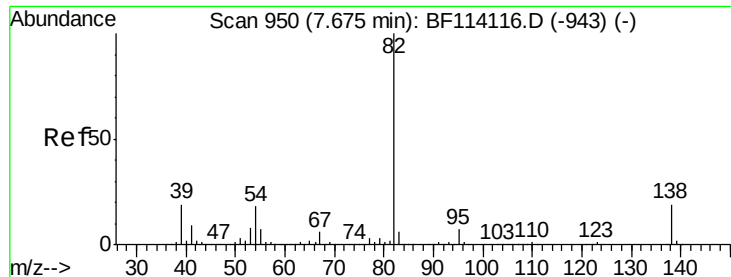
Tgt Ion:	136	Resp:	1025429
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.9	7.8	11.8
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 65.389 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114157.D
Acq: 11 May 2019 15:21

Tgt Ion:	82	Resp:	1194786
Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.5	53.3
54	57.8	48.5	72.7





#25

Isophorone

Concen: 35.257 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114157.D

Acq: 11 May 2019 15:21

Instrument :

BNA_F

ClientSampleId :

P021-SS005-0206-01

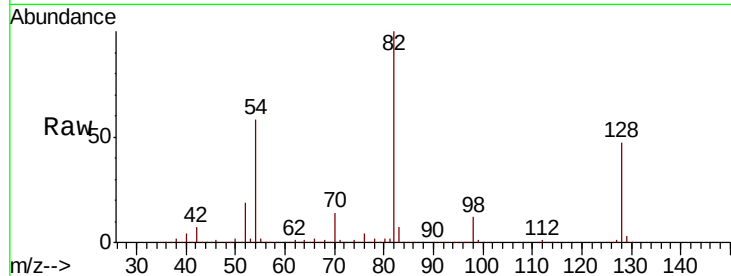
Tgt Ion: 82 Resp: 1194778

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

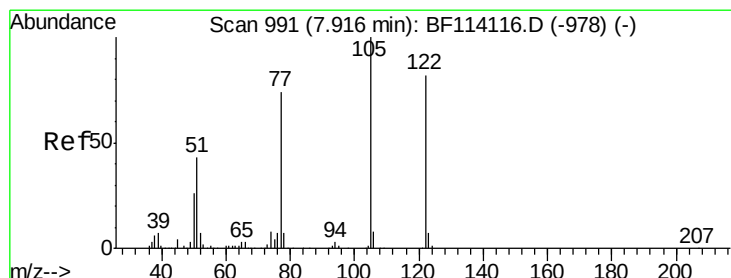
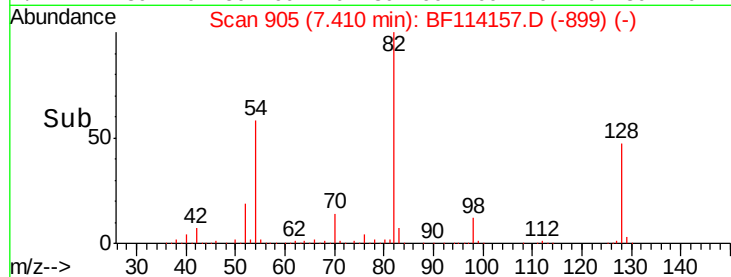
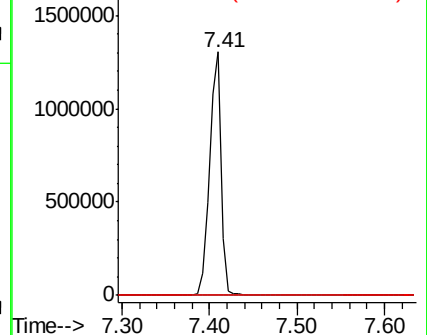
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.031 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF114157.D

Acq: 11 May 2019 15:21

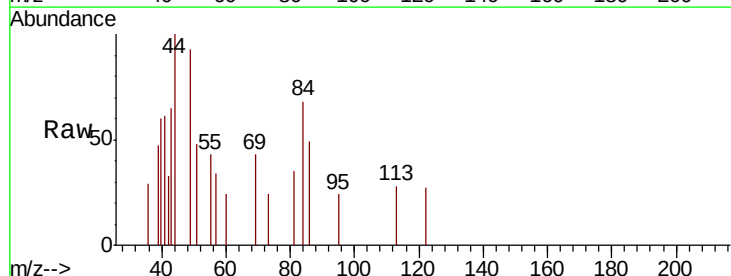
Tgt Ion: 122 Resp: 127

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

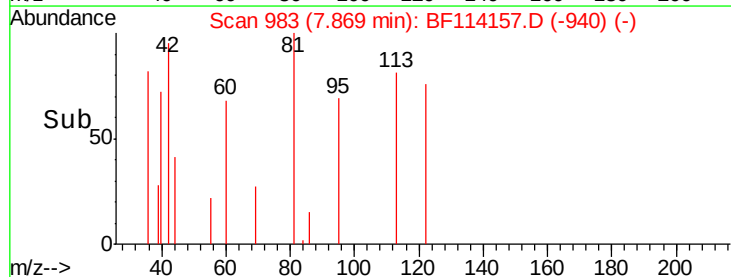
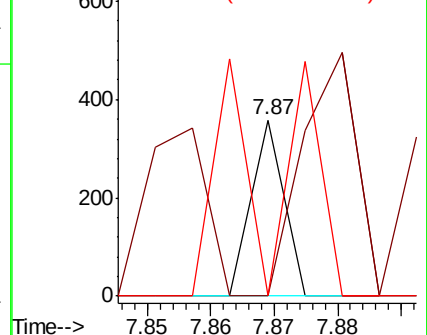
77 0.0 69.4 109.4#

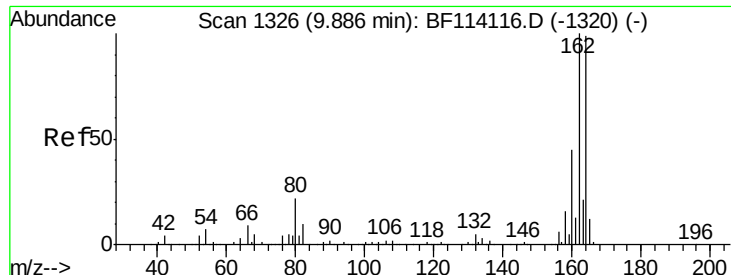


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

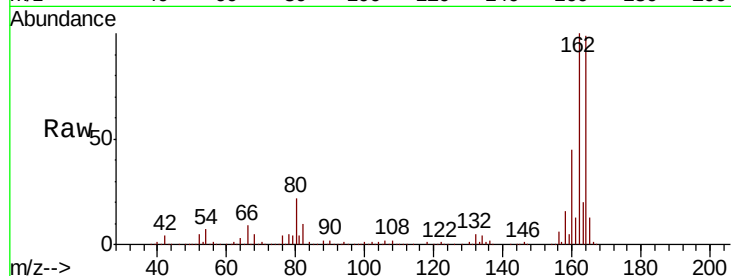




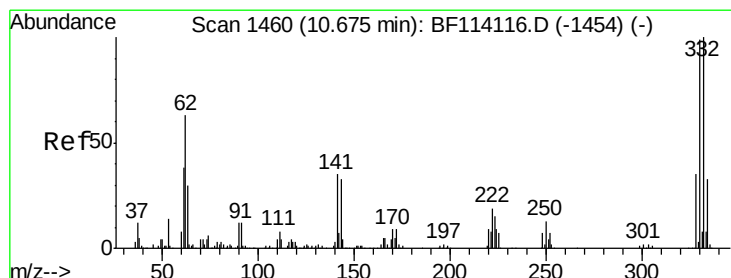
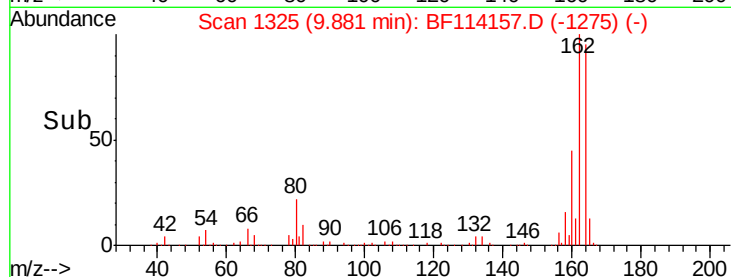
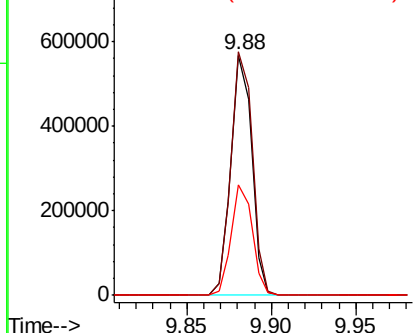
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114157.D
 Acq: 11 May 2019 15:21

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS005-0206-01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	488318	80.6	120.8
160	45.7		36.5	54.7

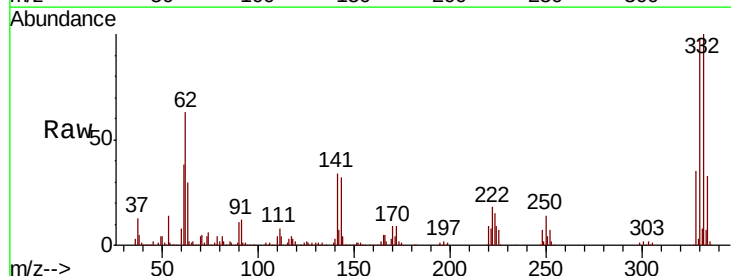


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

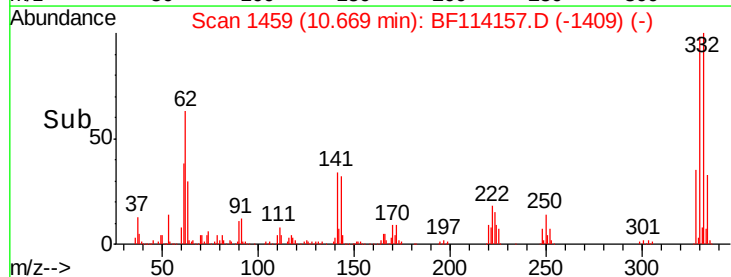
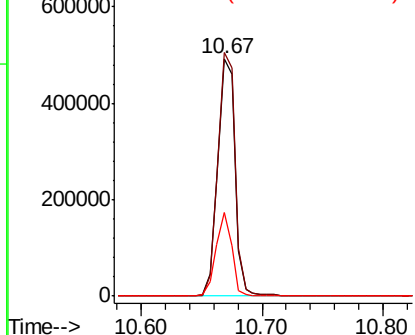


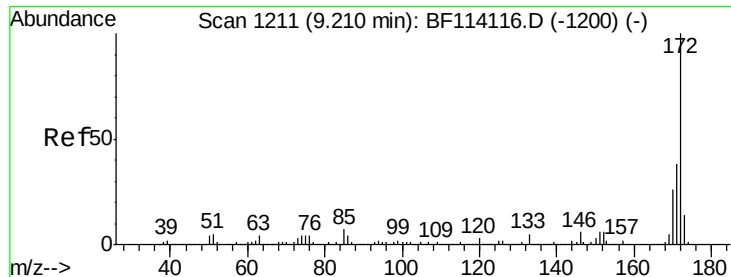
#42
 2,4,6-Tribromophenol
 Concen: 96.322 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF114157.D
 Acq: 11 May 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	486273		
332	102.2		81.4	122.2
141	31.8		26.6	40.0



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

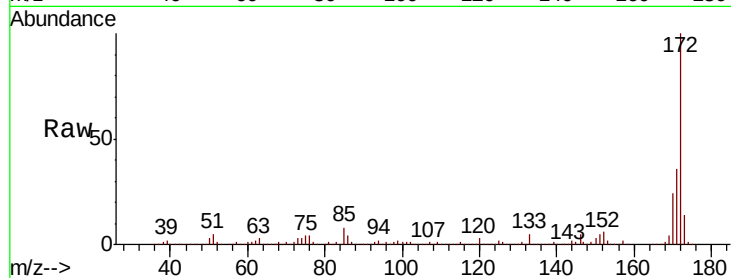




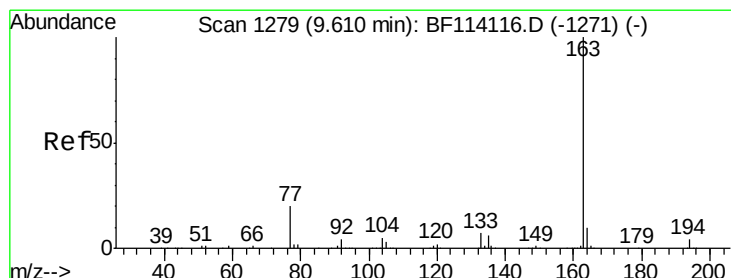
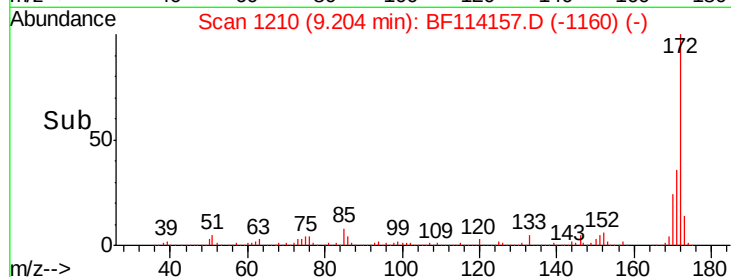
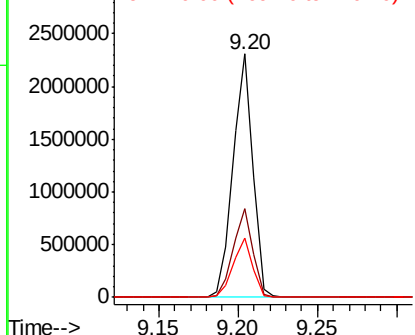
#45
2-Fluorobiphenyl
Concen: 61.952 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114157.D
Acq: 11 May 2019 15:21

Instrument :
BNA_F
ClientSampleId :
P021-SS005-0206-01

Tgt Ion:172 Resp: 1999940
Ion Ratio Lower Upper
172 100
171 36.5 30.7 46.1
170 24.1 20.5 30.7

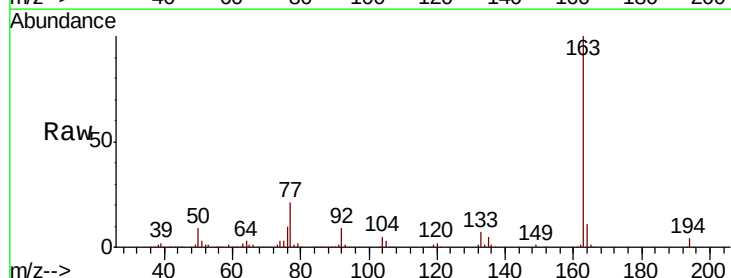


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

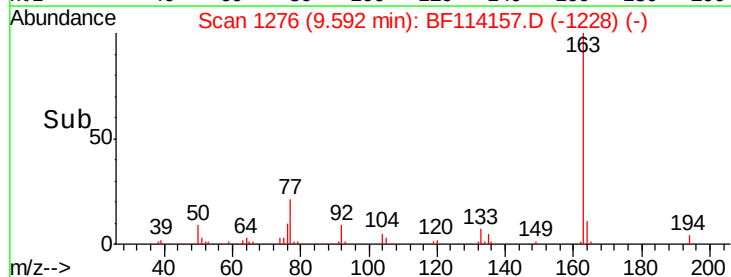
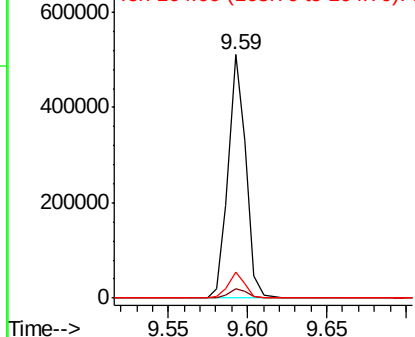


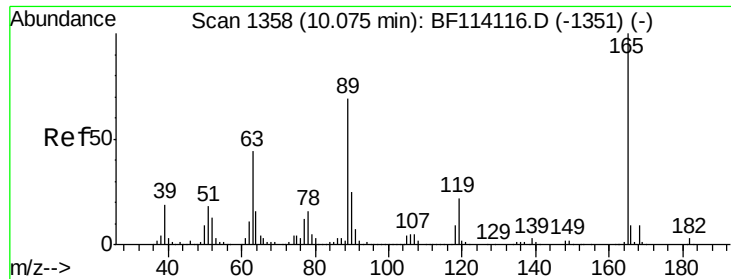
#50
Dimethylphthalate
Concen: 10.966 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114157.D
Acq: 11 May 2019 15:21

Tgt Ion:163 Resp: 393106
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.5 8.2 12.2



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

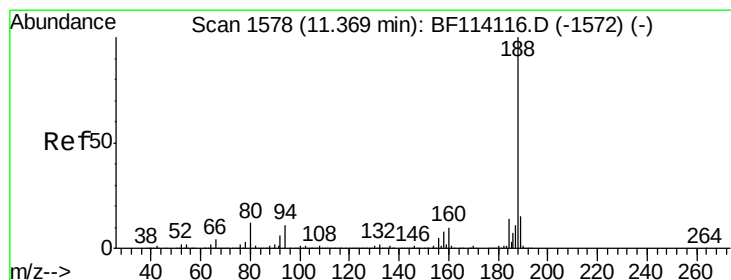
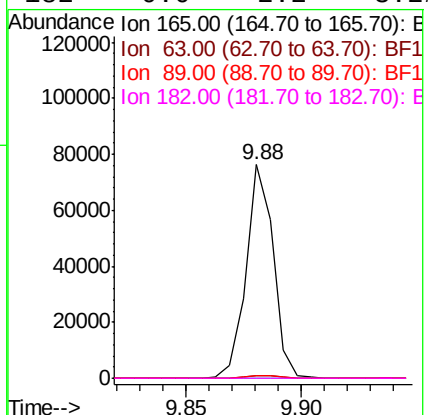
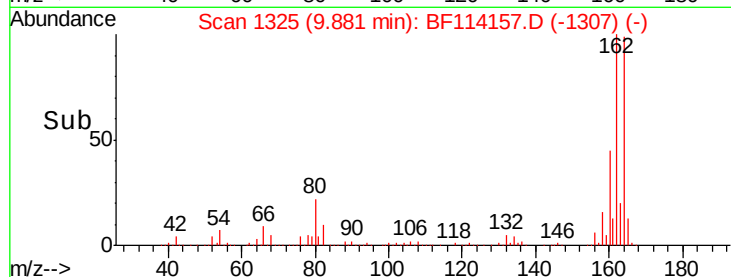
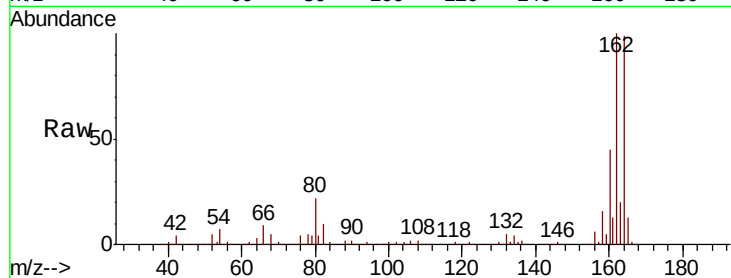




#57
 2,4-Dinitrotoluene
 Concen: 5.816 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114157.D
 Acq: 11 May 2019 15:21

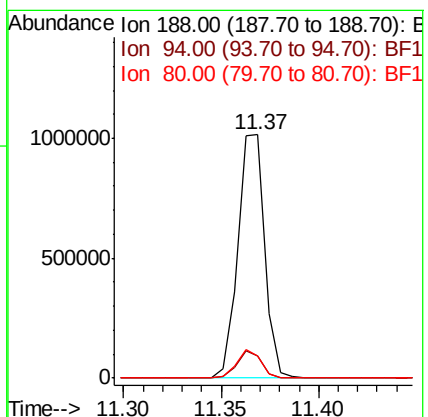
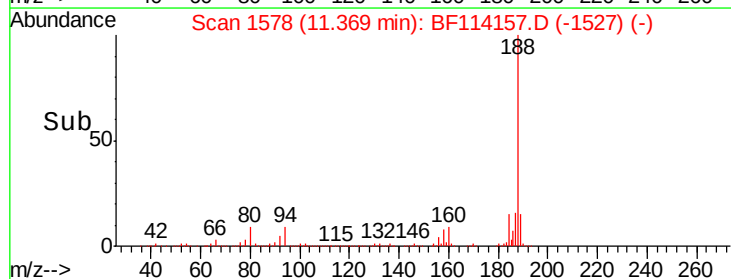
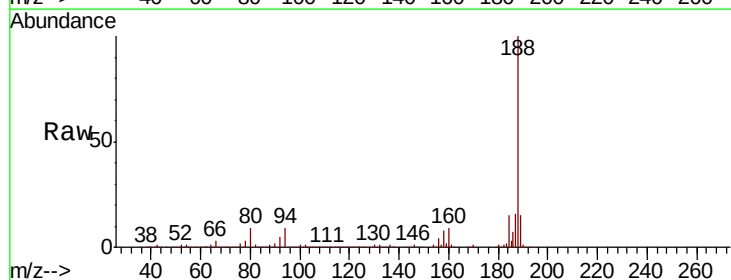
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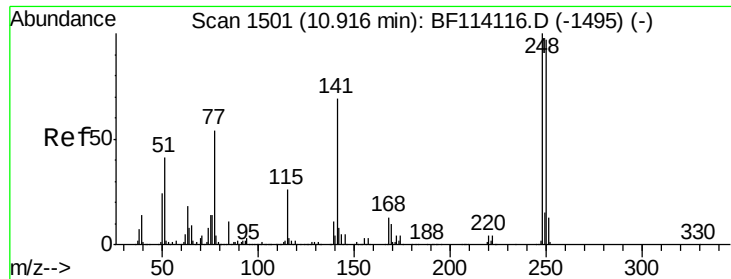
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF114157.D
 Acq: 11 May 2019 15:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.4	12.6
80	9.1	9.2	13.8#

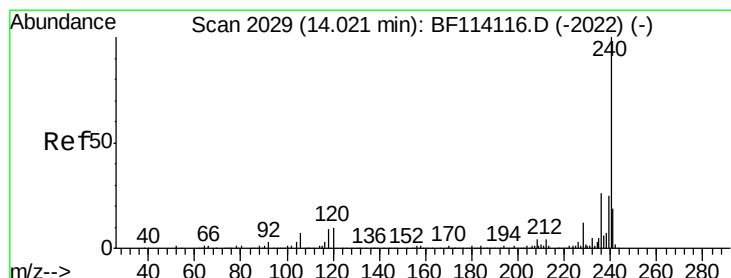
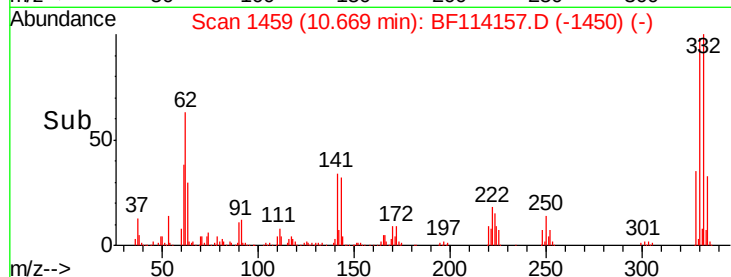
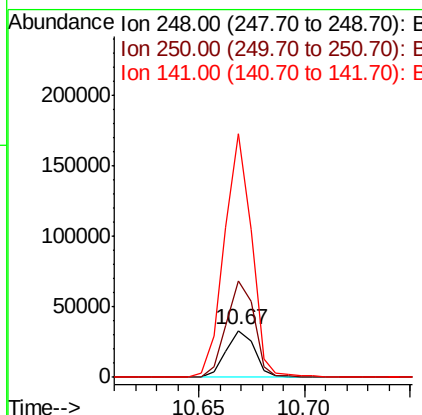
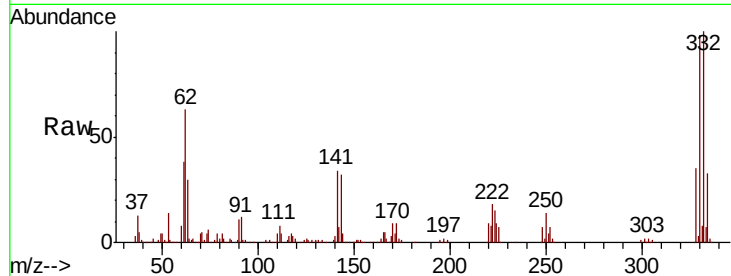




#67
 4-Bromophenyl-phenylether
 Concen: 2.944 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF114157.D
 Acq: 11 May 2019 15:21

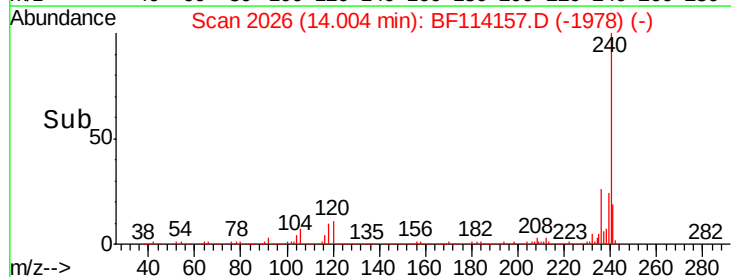
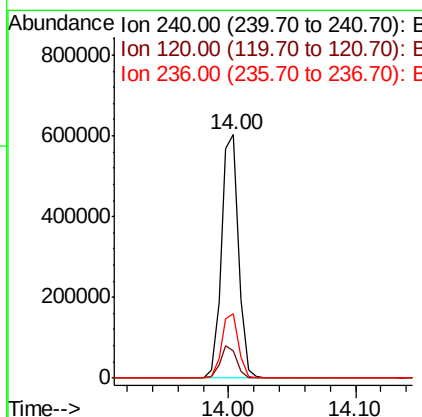
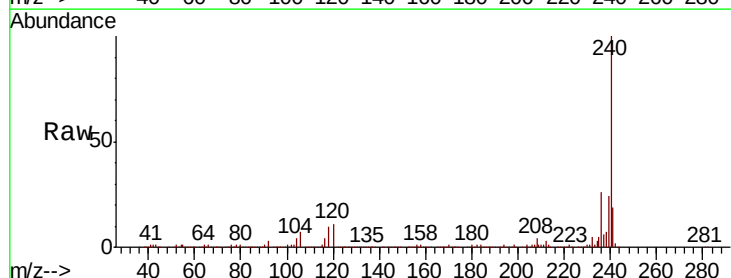
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS005-0206-01

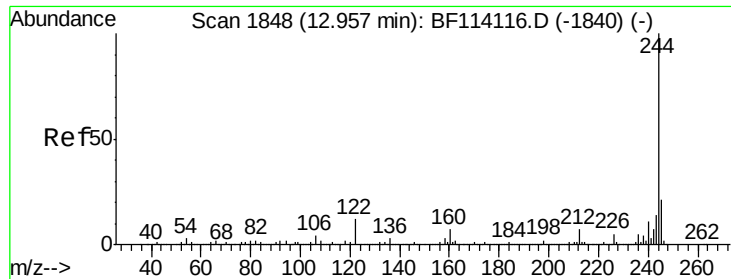
Tgt Ion:248 Resp: 31192
 Ion Ratio Lower Upper
 248 100
 250 206.4 77.4 116.2#
 141 519.5 55.6 83.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF114157.D
 Acq: 11 May 2019 15:21

Tgt Ion:240 Resp: 566574
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.3 12.5
 236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 70.197 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114157.D

Acq: 11 May 2019 15:21

Instrument :

BNA_F

ClientSampleId :

P021-SS005-0206-01

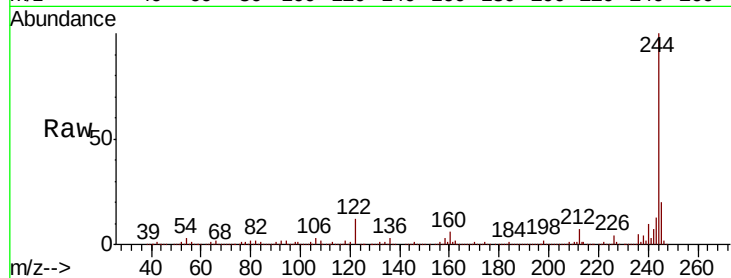
Tgt Ion:244 Resp: 1929335

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

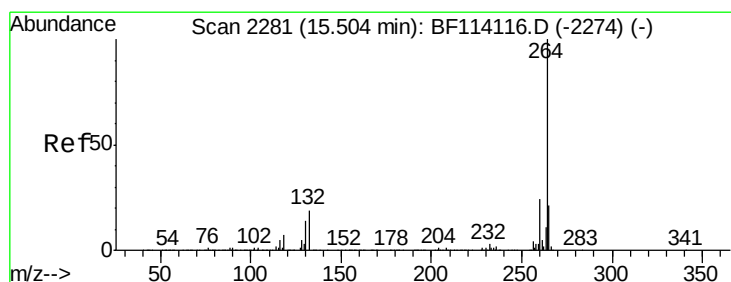
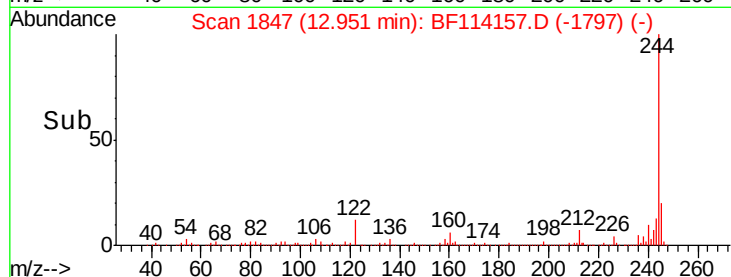
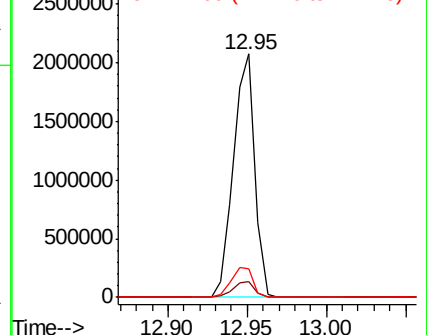
122 11.5 9.4 14.2



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: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF114157.D

Acq: 11 May 2019 15:21

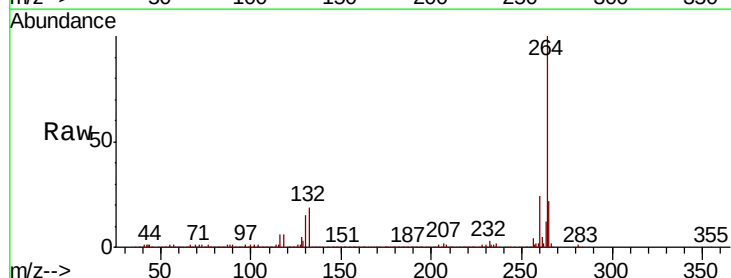
Tgt Ion:264 Resp: 605177

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 22.5 16.9 25.3



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

