

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114164.D
 Acq On : 11 May 2019 20:29
 Operator : JU/SJ
 Sample : K2765-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1218-01

Quant Time: May 12 05:54:27 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	270792	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1023874	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	505027	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1042145	20.00	ng	0.00
76) Chrysene-d12	14.00	240	758170	20.00	ng	-0.02
87) Perylene-d12	15.47	264	722005	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1811697	107.67	ng	0.00
7) Phenol-d6	6.49	99	2450211	123.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	1496907	82.05	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	595532	114.06	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2357022	70.60	ng	0.00
79) Terphenyl-d14	12.95	244	2474192	67.27	ng	0.00

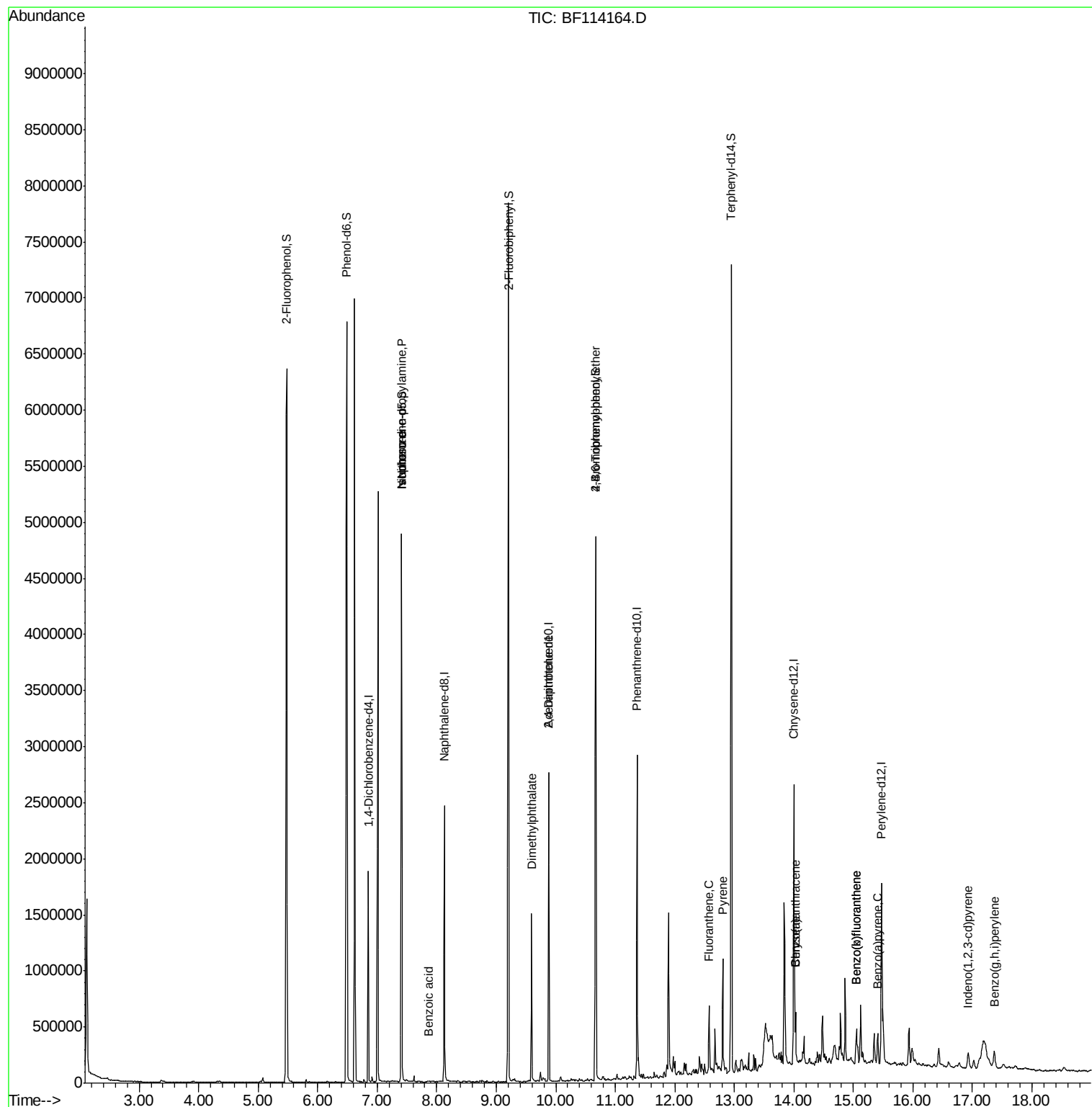
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	197950	15.692	ng	# 78
25) Isophorone	7.41	82	1494154	44.159	ng	# 64
32) Benzoic acid	7.86	122	334	7.049	ng	# 86
50) Dimethylphthalate	9.59	163	525990	14.188	ng	99
57) 2,4-Dinitrotoluene	9.88	165	65283	5.849	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	38065	3.317	ng	# 1
75) Fluoranthene	12.57	202	205489	3.764	ng	97
78) Pyrene	12.80	202	382621	6.273	ng	97
81) Benzo(a)anthracene	14.03	228	182600	3.724	ng	96
83) Chrysene	14.03	228	182600	3.799	ng	97
86) Indeno(1,2,3-cd)pyrene	16.93	276	94499	2.224	ng	97
88) Benzo(b)fluoranthene	15.05	252	220139	4.759	ng	# 97
89) Benzo(k)fluoranthene	15.05	252	220139	5.181	ng	# 97
90) Benzo(a)pyrene	15.41	252	103925	2.553	ng	99
92) Benzo(g,h,i)perylene	17.37	276	116622	3.440	ng	98

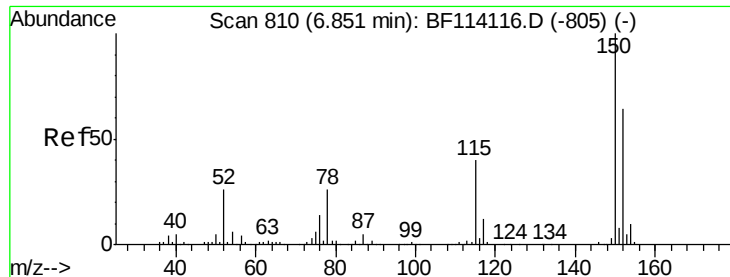
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114164.D
Acq On : 11 May 2019 20:29
Operator : JU/SJ
Sample : K2765-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1218-01

Quant Time: May 12 05:54:27 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



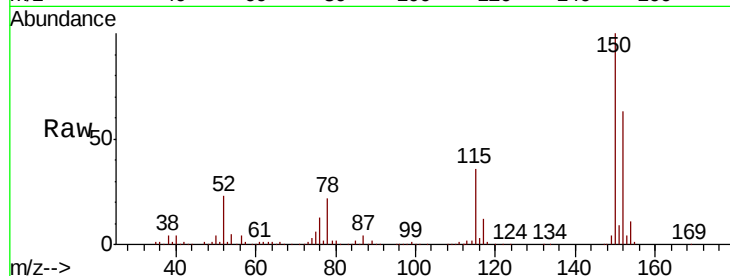


#1

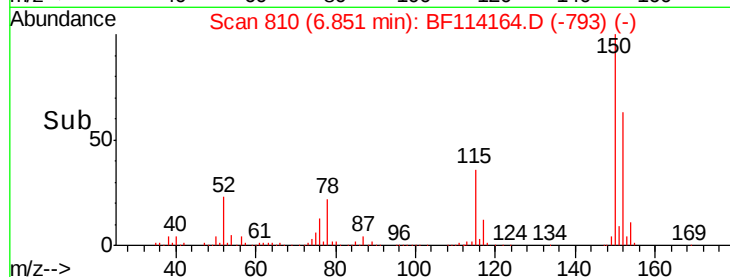
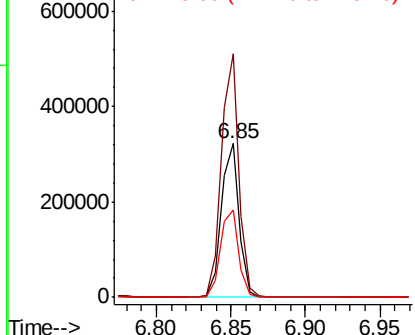
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114164.D
Acq: 11 May 2019 20:29

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1218-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.3	186.5
115	57.0	49.1	73.7



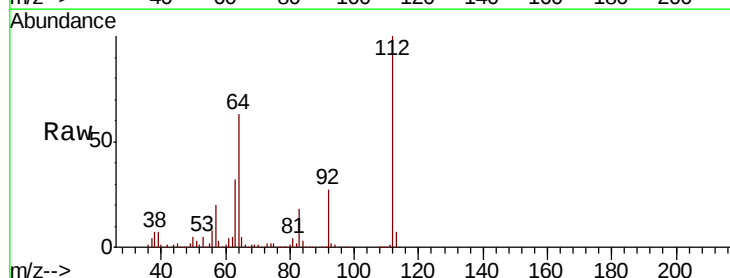
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



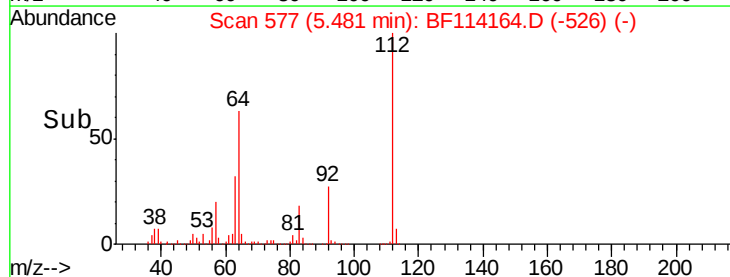
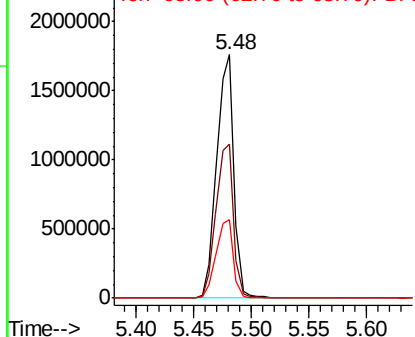
#5

2-Fluorophenol
Concen: 107.665 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114164.D
Acq: 11 May 2019 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.0	73.6
63	32.5	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: 123.114 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

Instrument :

BNA_F

ClientSampleId :

P026-SS004-1218-01

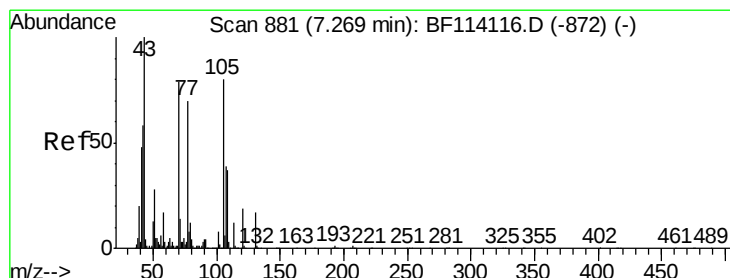
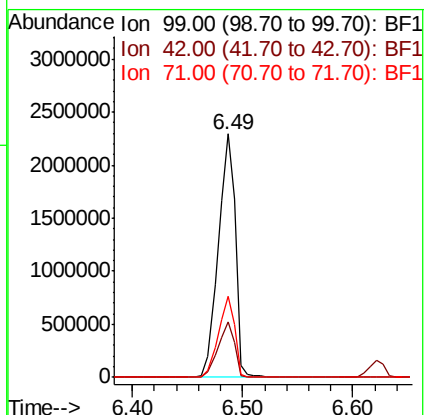
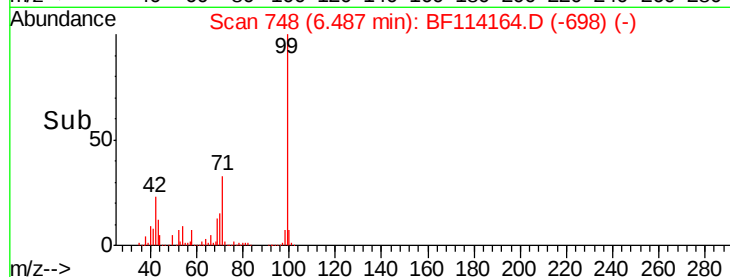
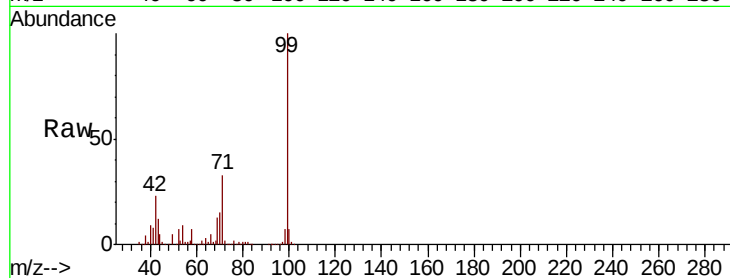
Tgt Ion: 99 Resp: 2450211

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 33.2 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.692 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

Tgt Ion: 70 Resp: 197950

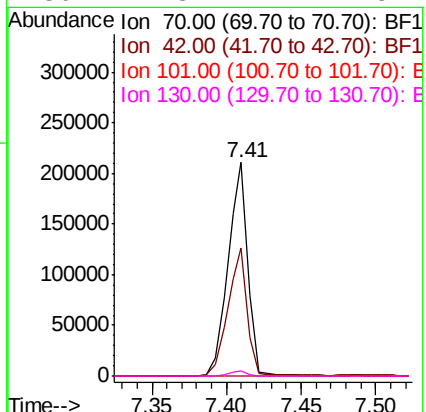
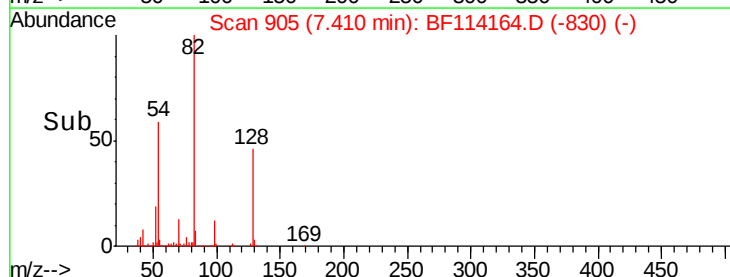
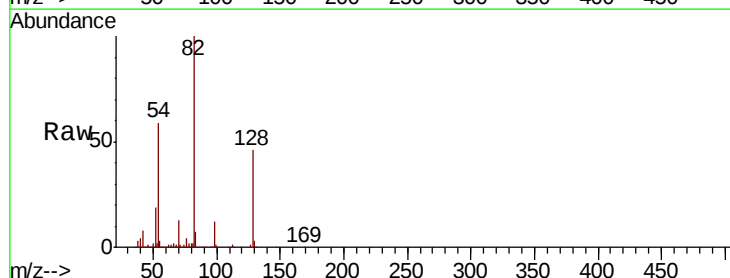
Ion Ratio Lower Upper

70 100

42 60.2 58.6 87.8

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

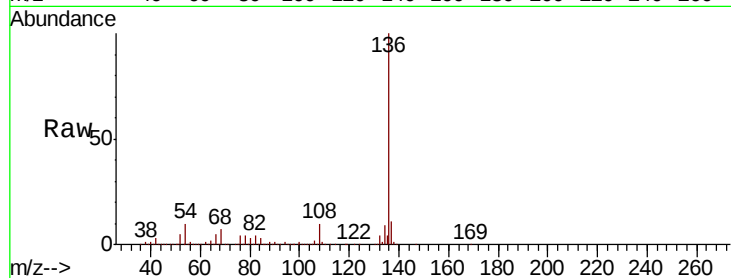




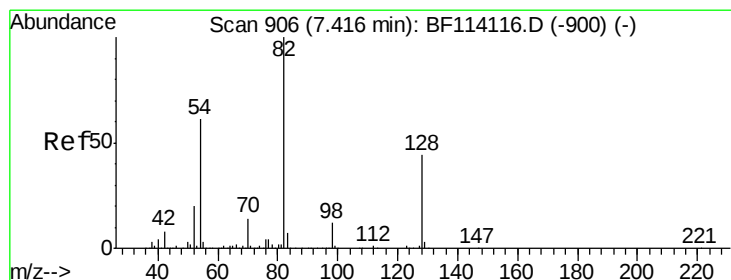
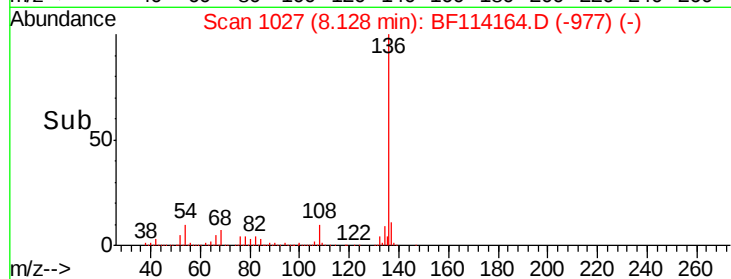
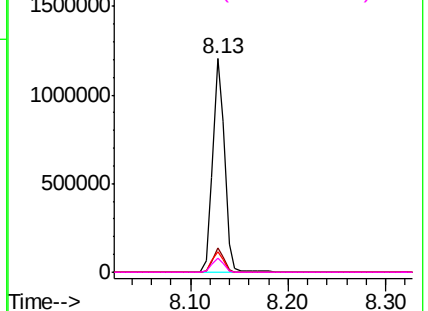
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114164.D
Acq: 11 May 2019 20:29

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1218-01

Tgt Ion: 136 Resp: 1023874
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.6 7.8 11.8
68 6.6 5.1 7.7

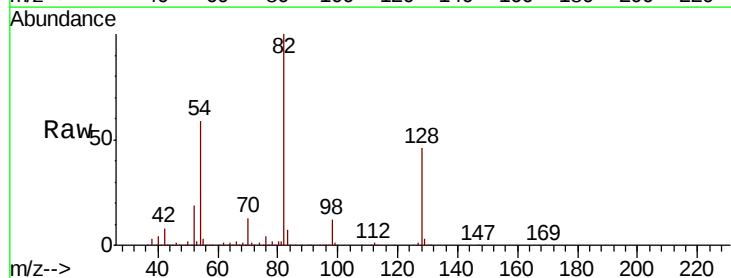


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

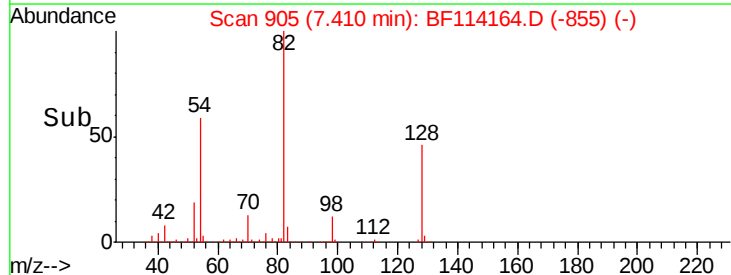
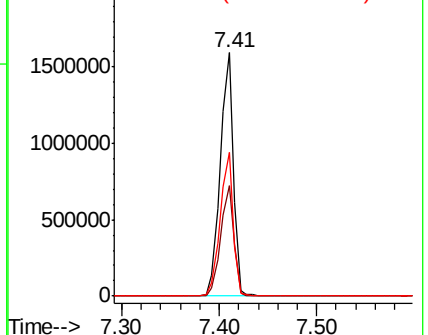


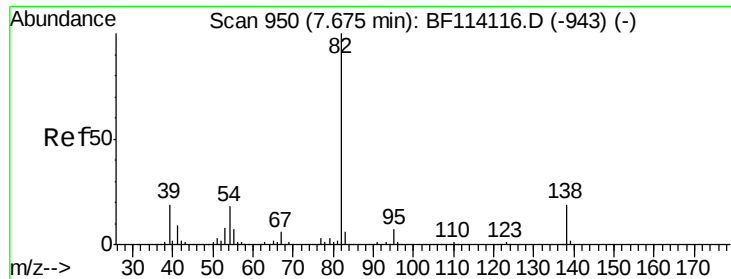
#23
Nitrobenzene-d5
Concen: 82.048 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114164.D
Acq: 11 May 2019 20:29

Tgt Ion: 82 Resp: 1496907
Ion Ratio Lower Upper
82 100
128 45.6 35.5 53.3
54 59.1 48.5 72.7



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





#25

Isophorone

Concen: 44.159 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

Instrument :

BNA_F

ClientSampleId :

P026-SS004-1218-01

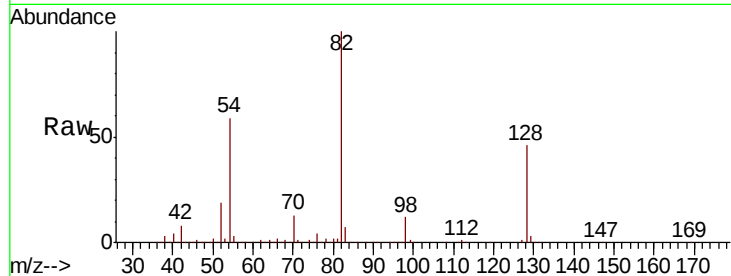
Tgt Ion: 82 Resp: 1494154

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

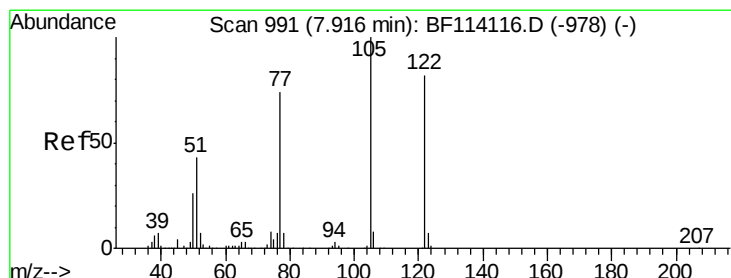
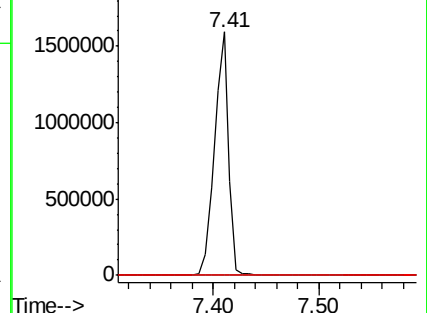
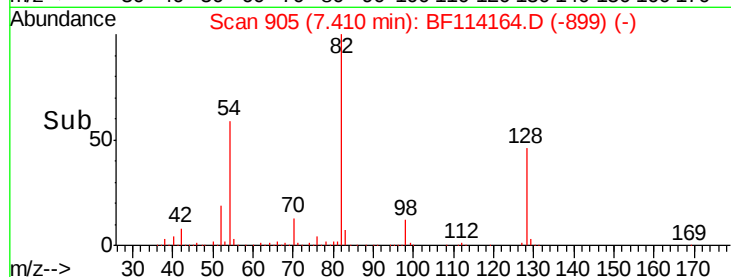
138 0.0 14.8 22.2#



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: 7.049 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

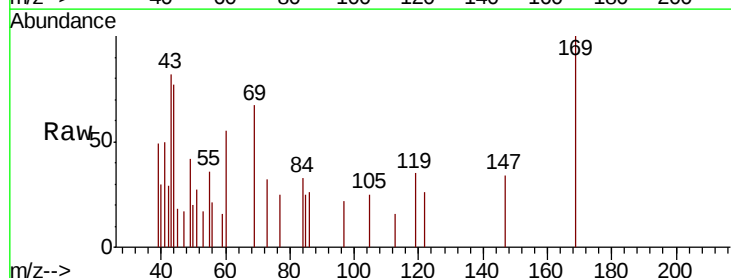
Tgt Ion: 122 Resp: 334

Ion Ratio Lower Upper

122 100

105 99.0 99.9 139.9#

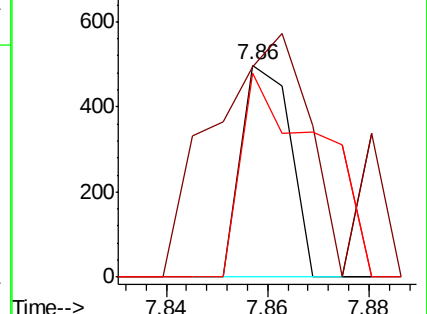
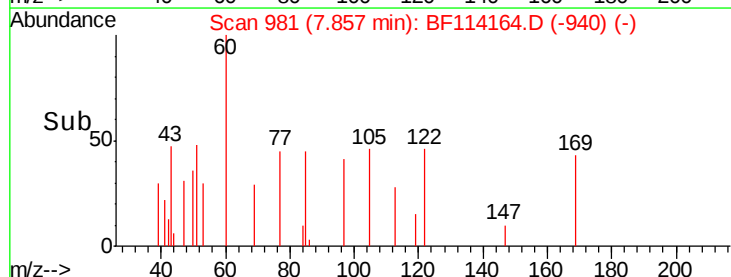
77 96.0 69.4 109.4

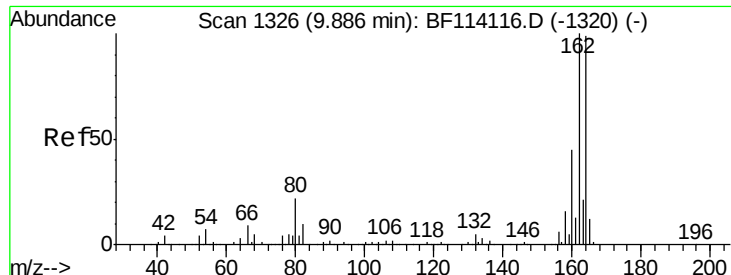


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

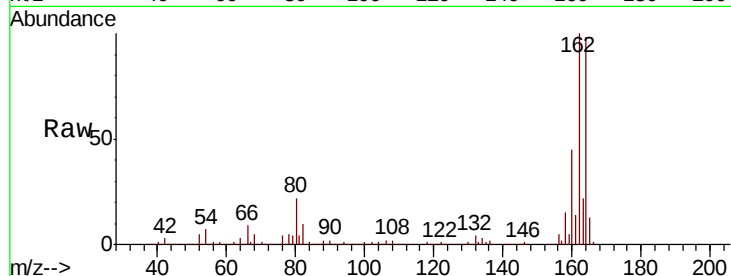




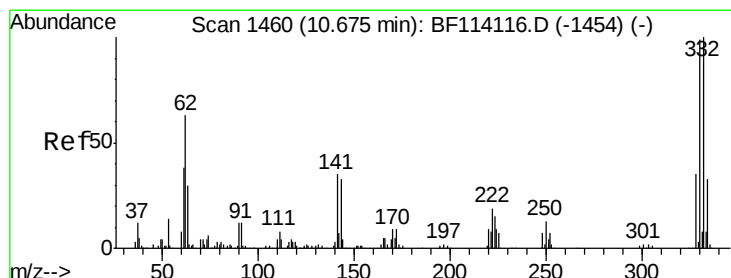
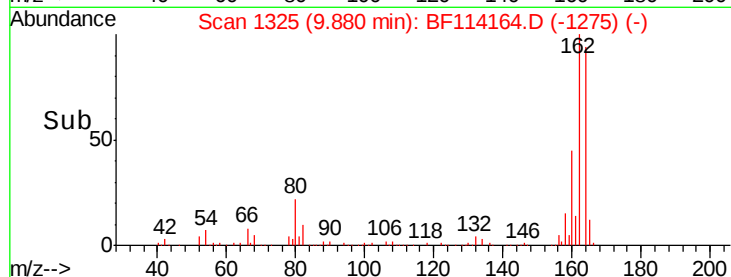
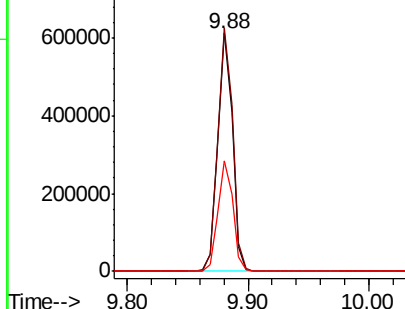
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114164.D
Acq: 11 May 2019 20:29

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1218-01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	46.1	36.5	54.7

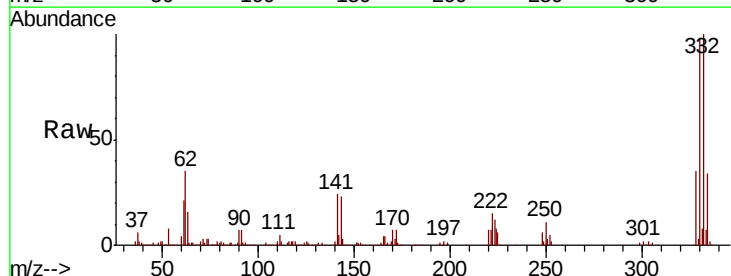


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

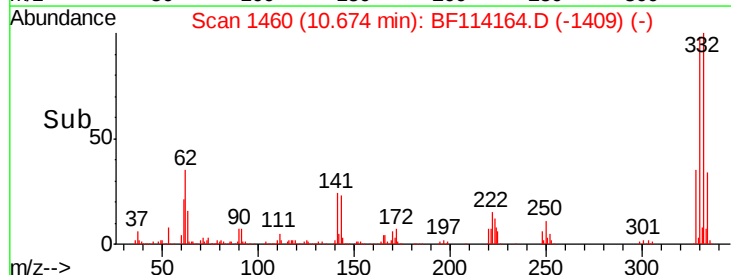
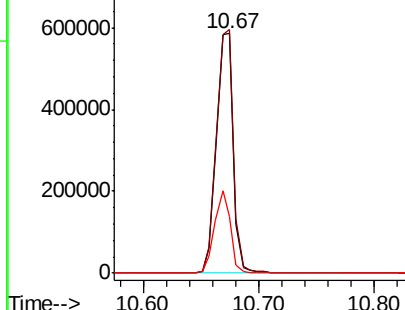


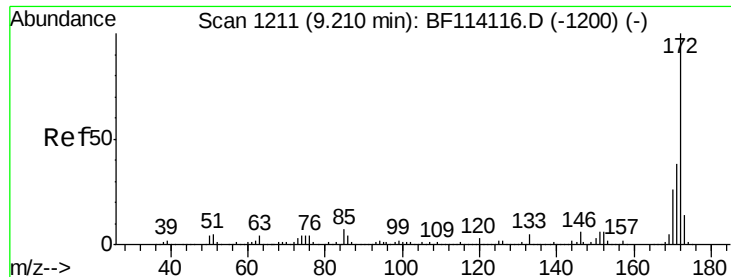
#42
2,4,6-Tribromophenol
Concen: 114.062 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114164.D
Acq: 11 May 2019 20:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.1	81.4	122.2
141	32.8	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

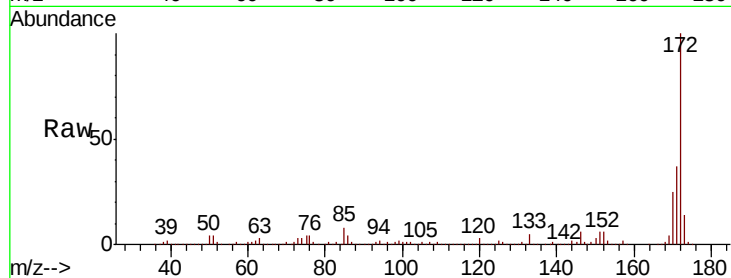




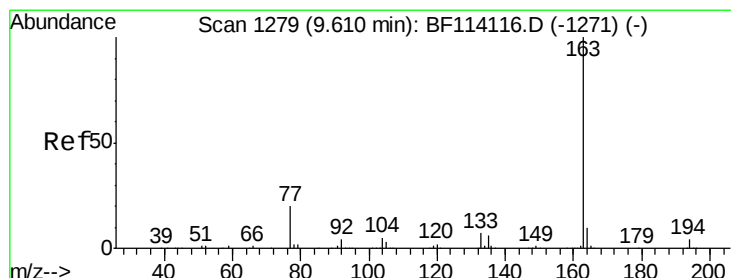
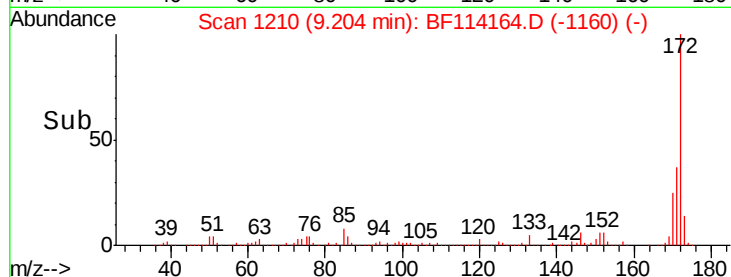
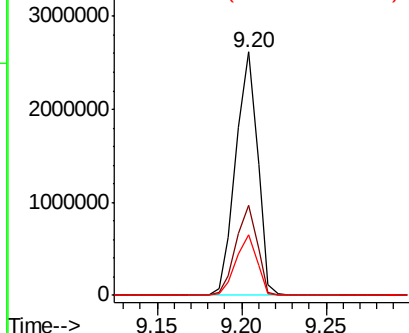
#45
 2-Fluorobiphenyl
 Concen: 70.598 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114164.D
 Acq: 11 May 2019 20:29

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1218-01

Tgt Ion:172 Resp: 2357022
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.7 46.1
 170 24.9 20.5 30.7

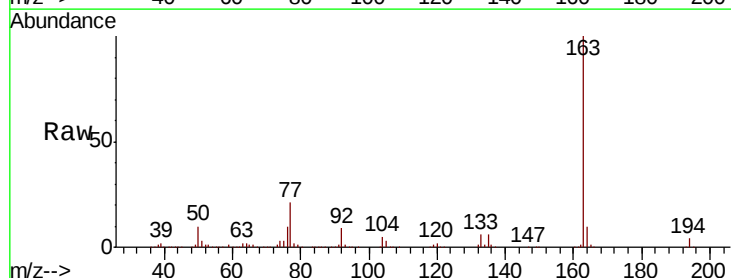


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

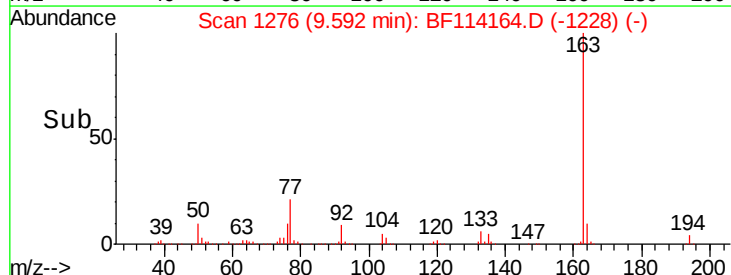
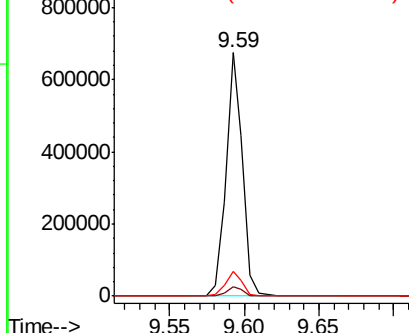


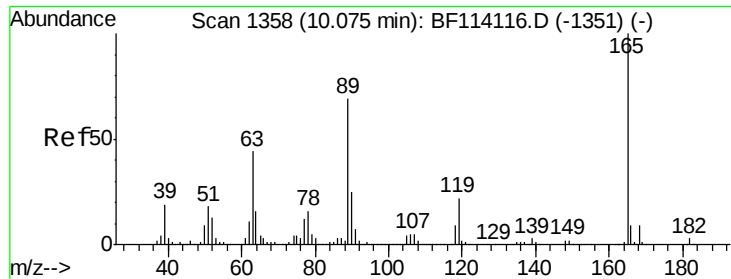
#50
 Dimethylphthalate
 Concen: 14.188 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF114164.D
 Acq: 11 May 2019 20:29

Tgt Ion:163 Resp: 525990
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 9.9 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

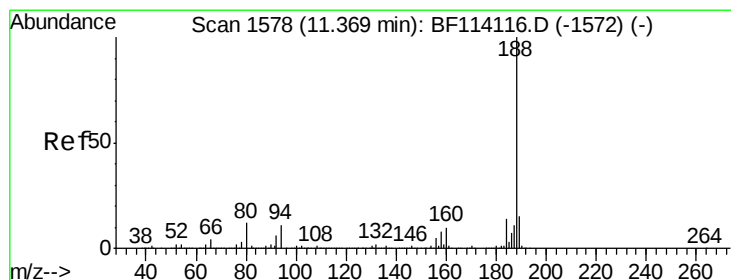
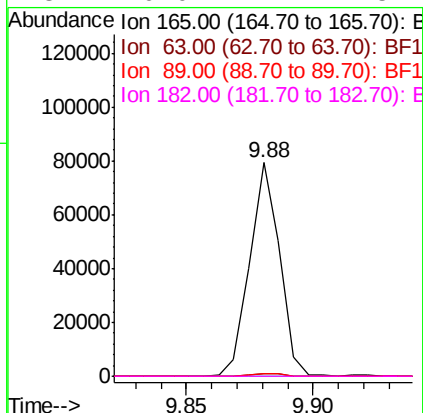
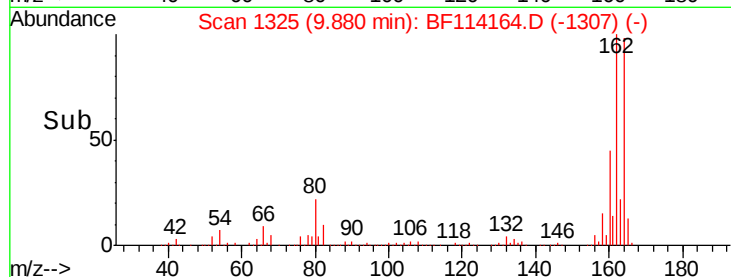
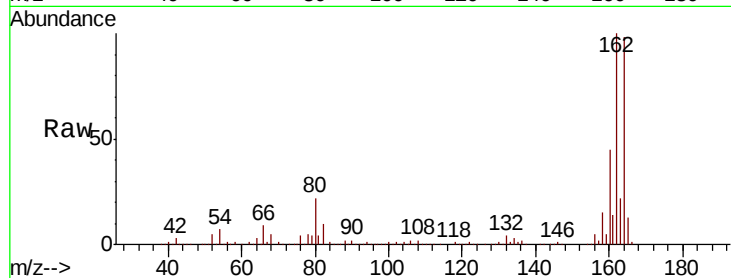




#57
 2,4-Dinitrotoluene
 Concen: 5.849 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114164.D
 Acq: 11 May 2019 20:29

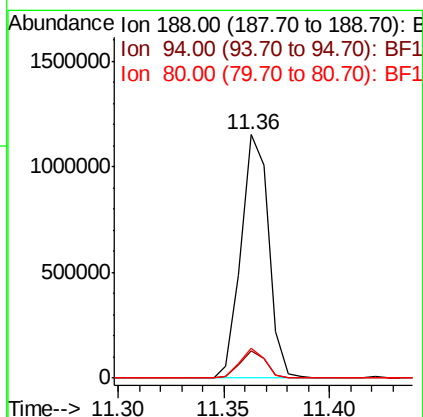
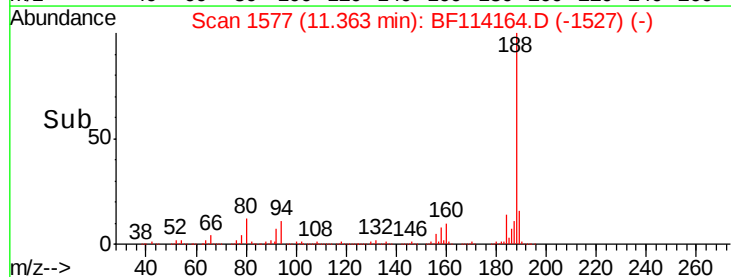
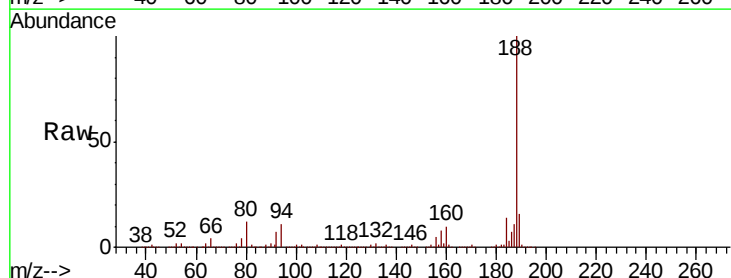
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1218-01

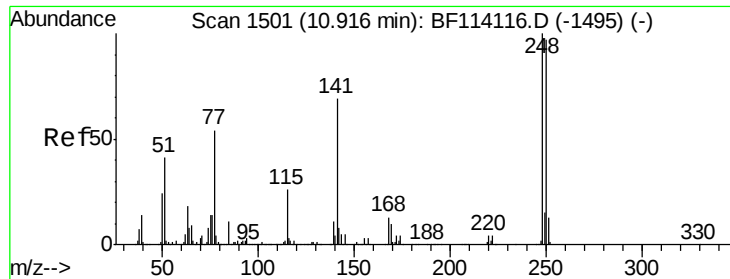
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF114164.D
 Acq: 11 May 2019 20:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.4	12.6
80	12.2	9.2	13.8

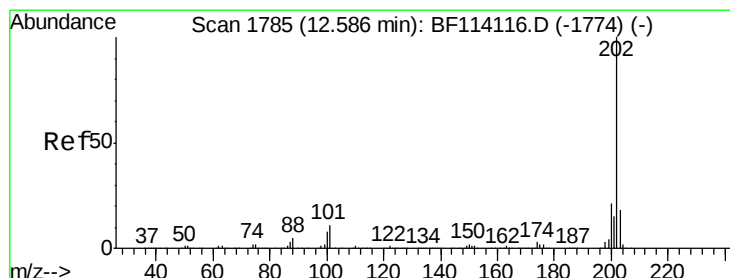
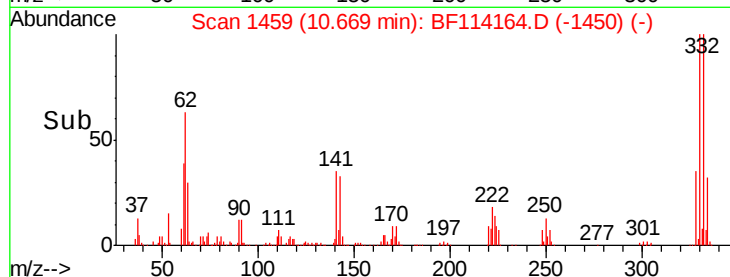
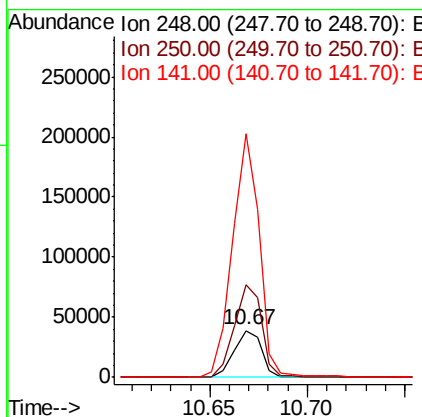
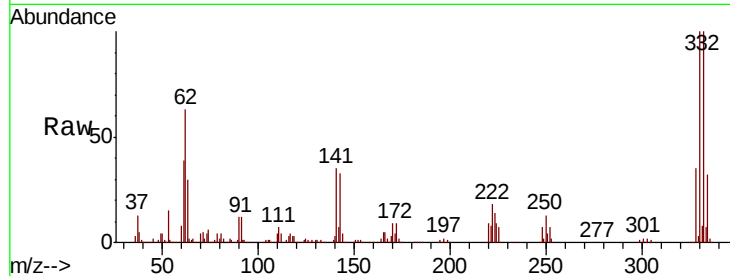




#67
 4-Bromophenyl-phenylether
 Concen: 3.317 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF114164.D
 Acq: 11 May 2019 20:29

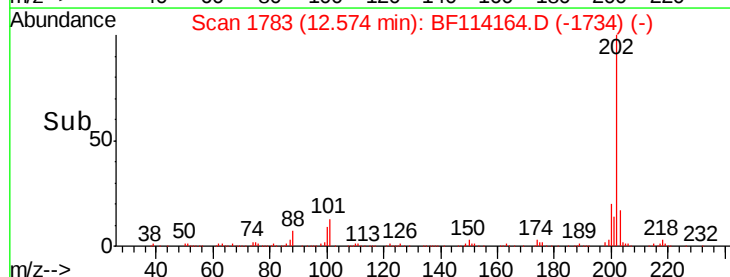
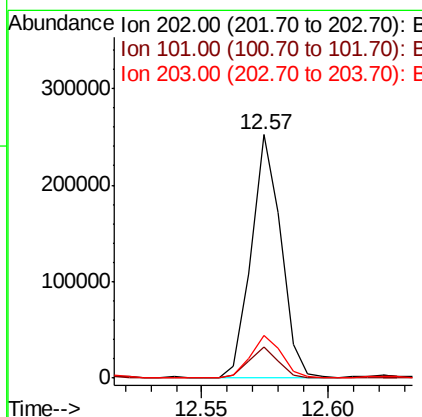
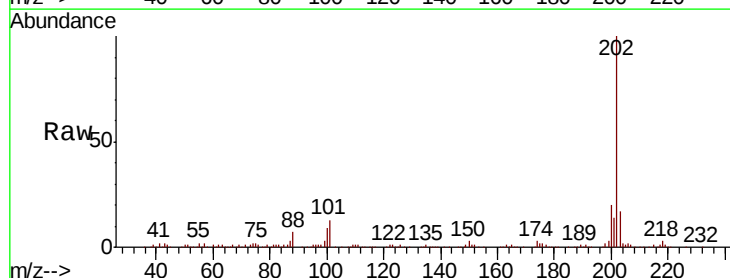
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1218-01

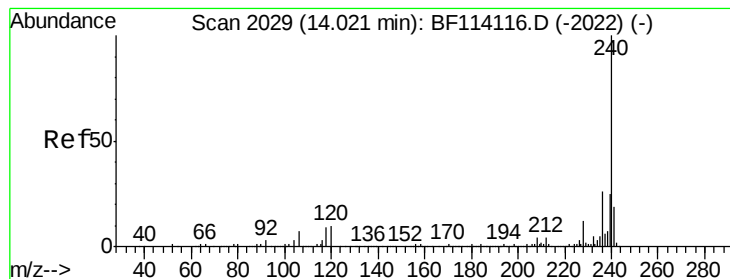
Tgt Ion:248 Resp: 38065
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.4 116.2#
 141 519.7 55.6 83.4#



#75
 Fluoranthene
 Concen: 3.764 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF114164.D
 Acq: 11 May 2019 20:29

Tgt Ion:202 Resp: 205489
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.0
 203 17.5 0.0 38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

Instrument :

BNA_F

ClientSampleId :

P026-SS004-1218-01

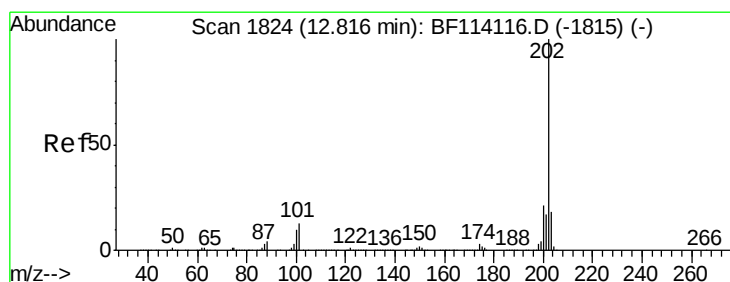
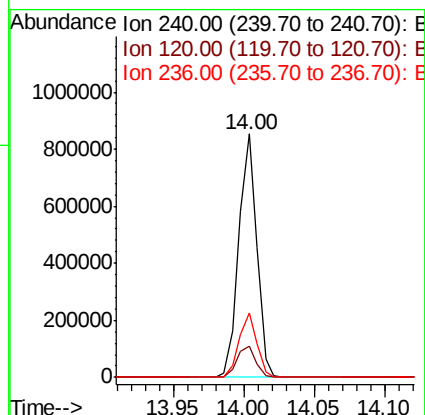
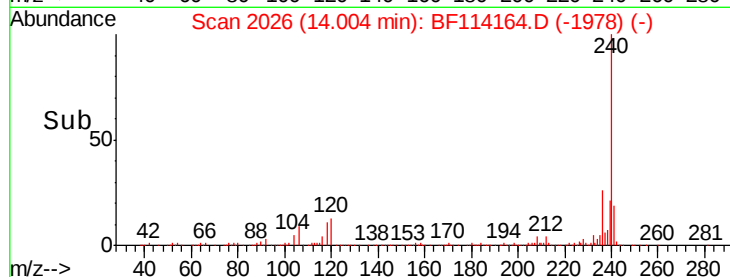
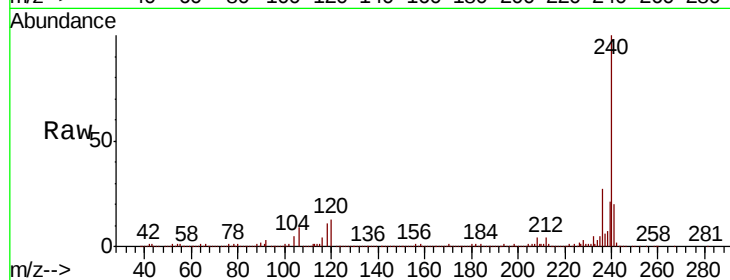
Tgt Ion:240 Resp: 758170

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

236 26.5 20.8 31.2



#78

Pyrene

Concen: 6.273 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

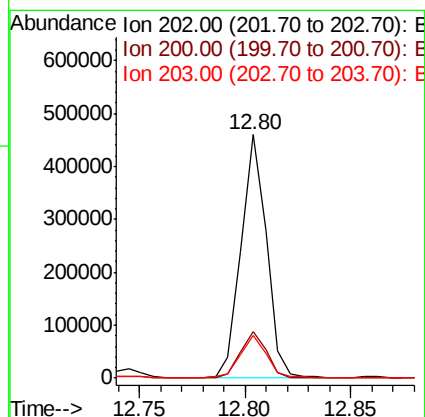
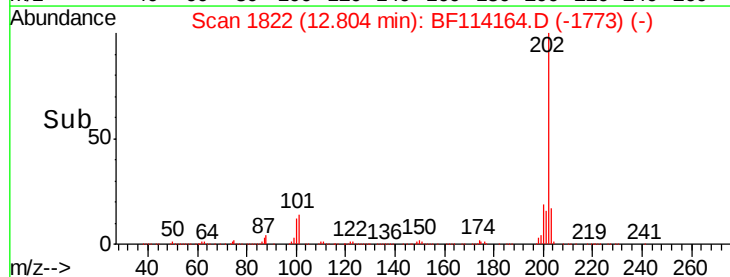
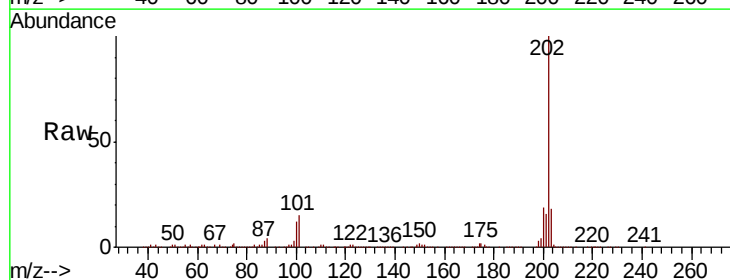
Tgt Ion:202 Resp: 382621

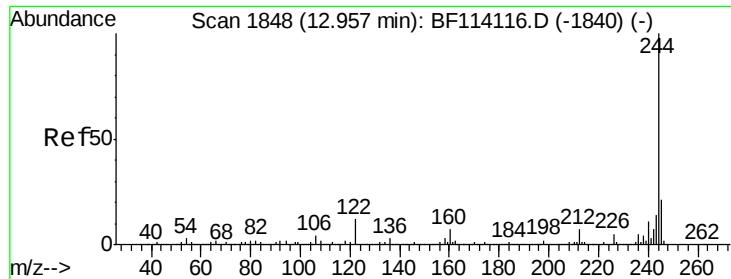
Ion Ratio Lower Upper

202 100

200 19.3 16.9 25.3

203 17.6 14.5 21.7





#79

Terphenyl-d14

Concen: 67.272 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

Instrument :

BNA_F

ClientSampleId :

P026-SS004-1218-01

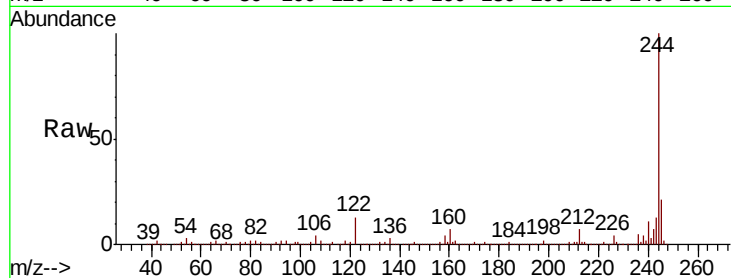
Tgt Ion:244 Resp: 2474192

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

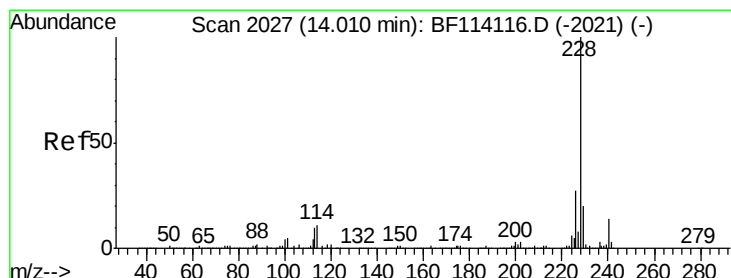
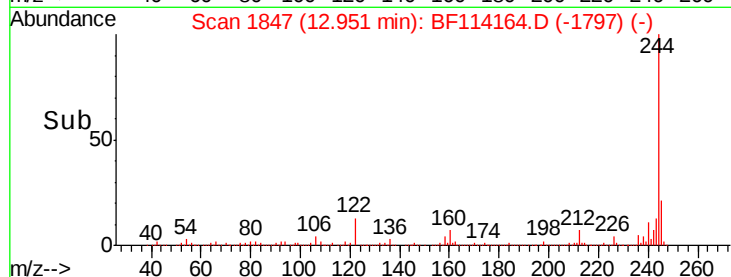
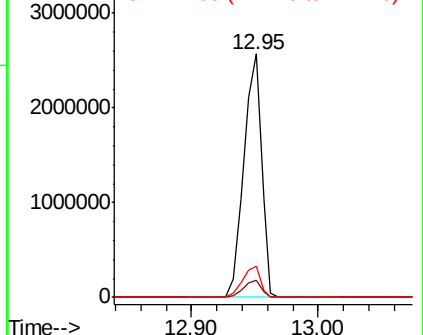
122 12.6 9.4 14.2



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



#81

Benzo(a)anthracene

Concen: 3.724 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.02 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

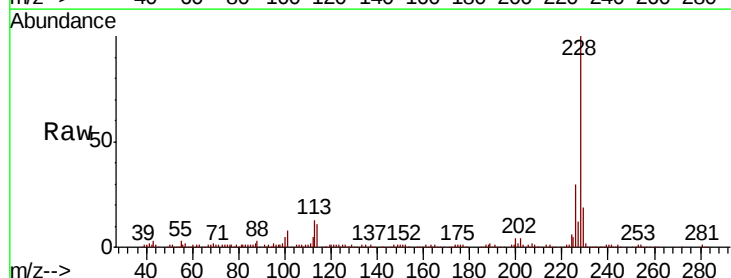
Tgt Ion:228 Resp: 182600

Ion Ratio Lower Upper

228 100

226 30.2 22.2 33.2

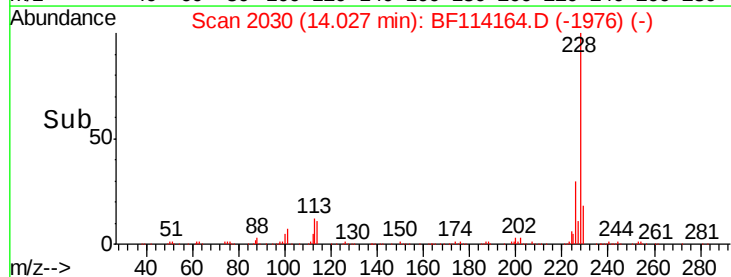
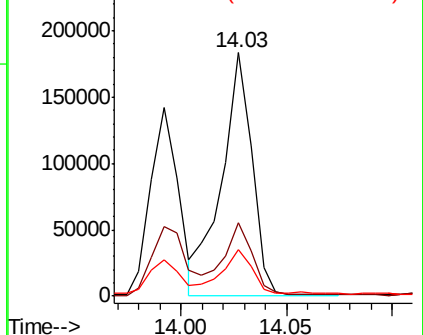
229 19.3 16.4 24.6

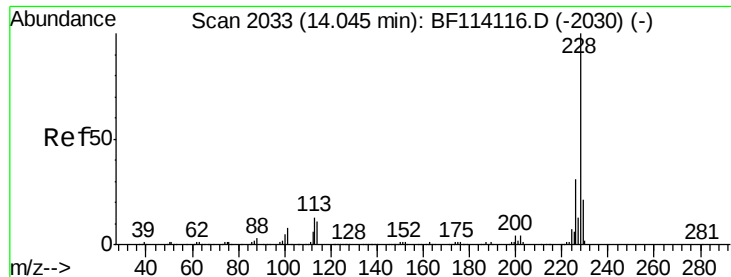


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 3.799 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

Instrument :

BNA_F

ClientSampleId :

P026-SS004-1218-01

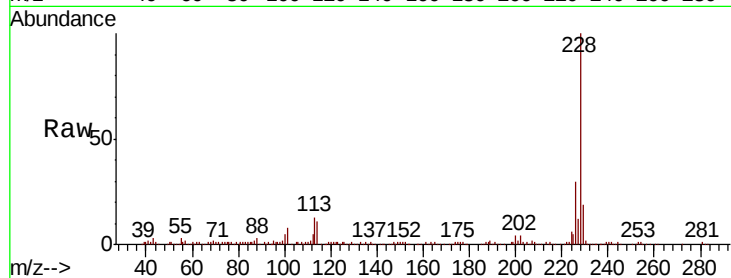
Tgt Ion: 228 Resp: 182600

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

229 19.3 17.0 25.6

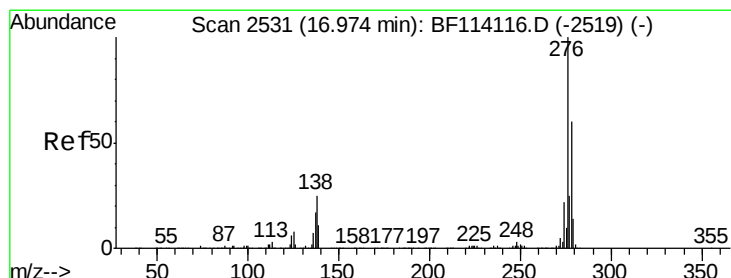
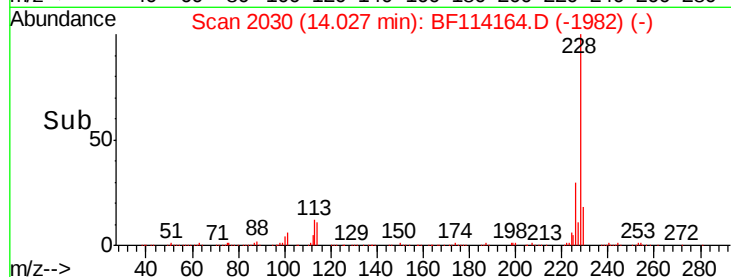
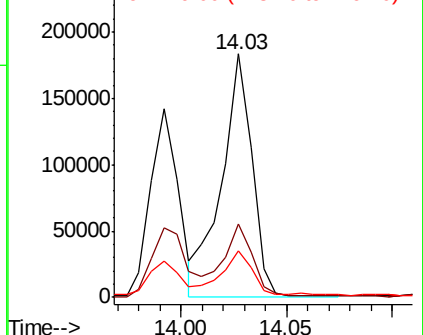


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.224 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.05 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

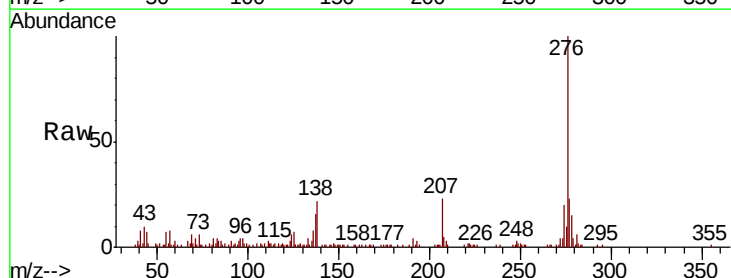
Tgt Ion: 276 Resp: 94499

Ion Ratio Lower Upper

276 100

138 22.9 20.2 30.2

277 24.1 20.0 30.0

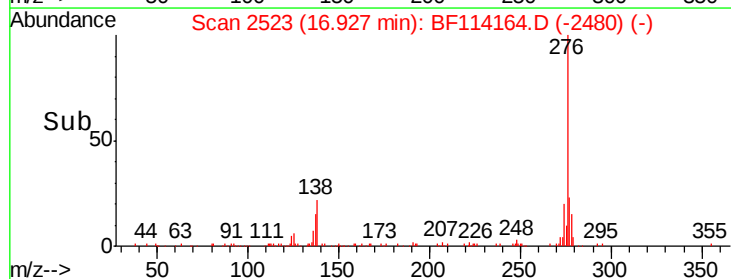
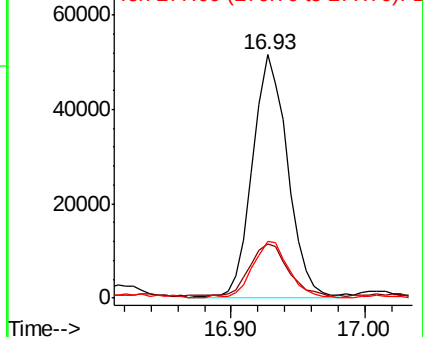


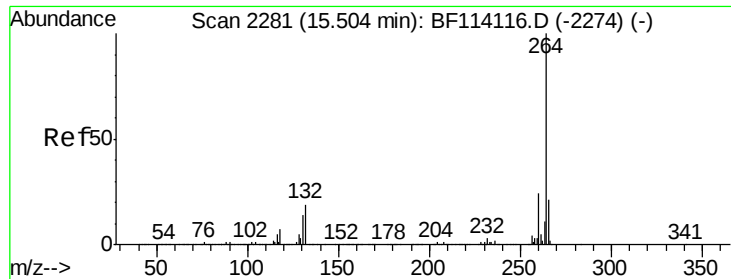
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

Instrument :

BNA_F

ClientSampleId :

P026-SS004-1218-01

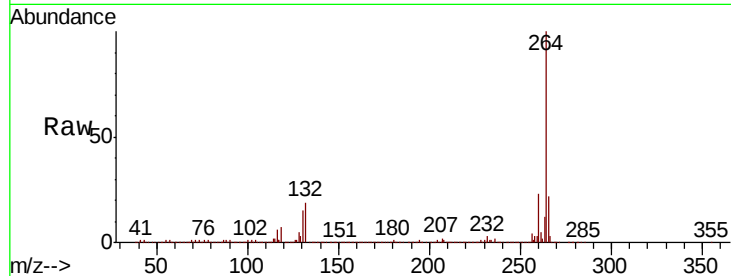
Tgt Ion:264 Resp: 722005

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

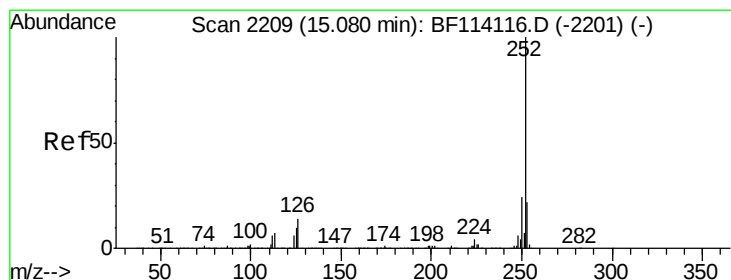
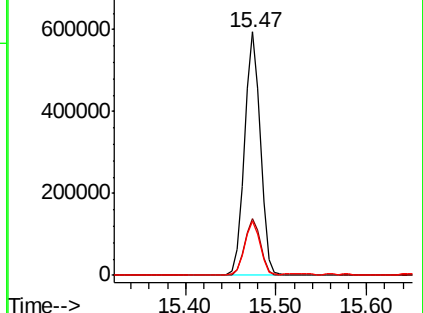
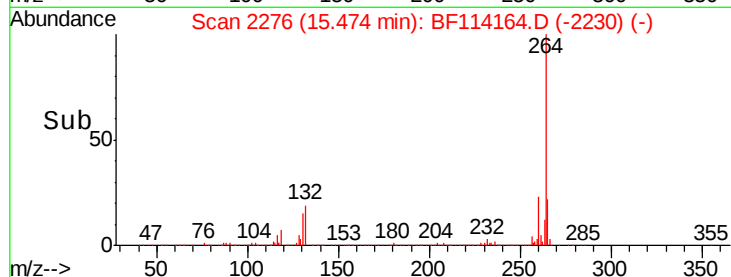
265 22.4 16.9 25.3



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



#88

Benzo(b)fluoranthene

Concen: 4.759 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.03 min

Lab File: BF114164.D

Acq: 11 May 2019 20:29

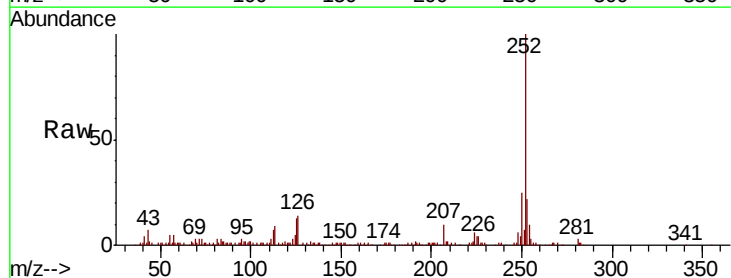
Tgt Ion:252 Resp: 220139

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

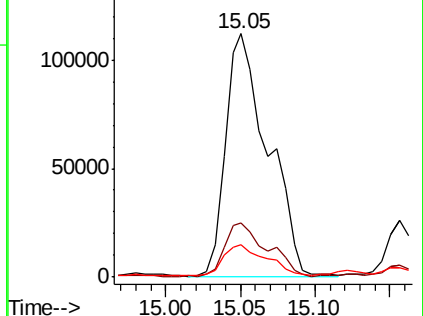
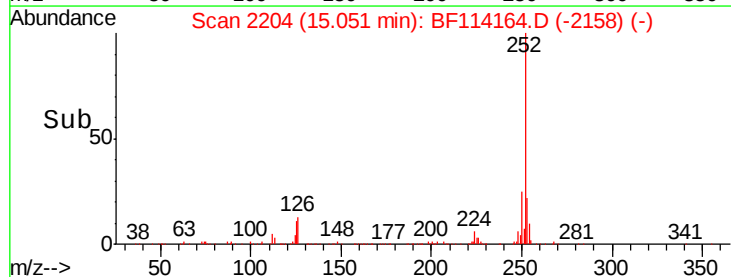
125 13.4 8.3 12.5#

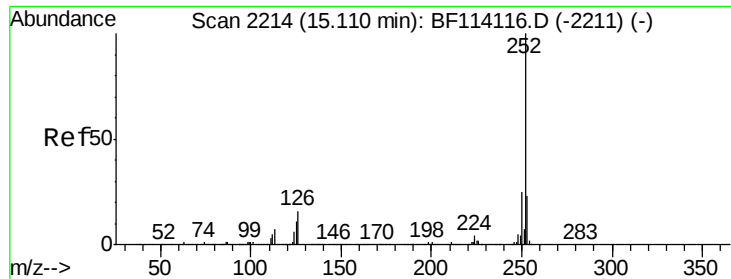


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

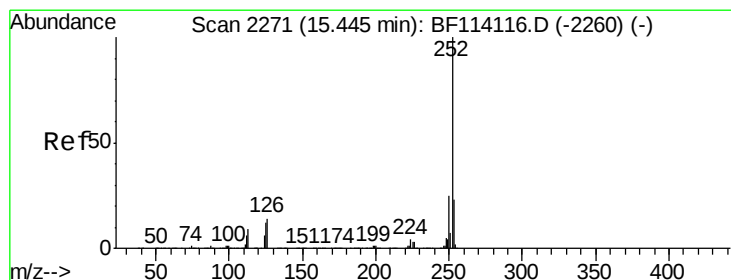
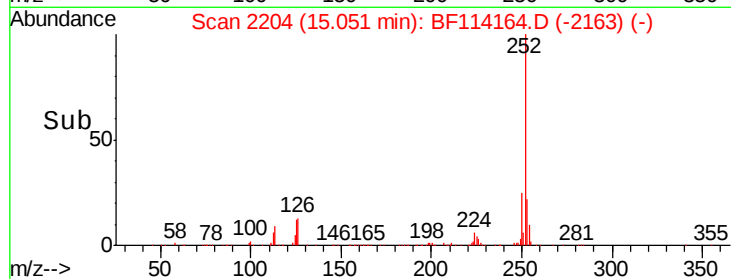
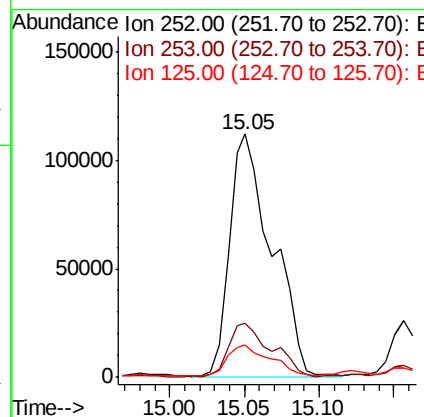
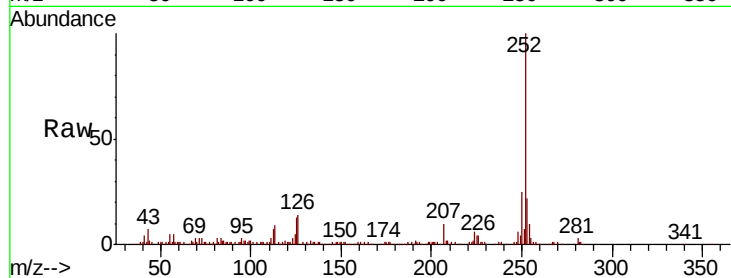




#89
Benzo(k)fluoranthene
Concen: 5.181 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.06 min
Lab File: BF114164.D
Acq: 11 May 2019 20:29

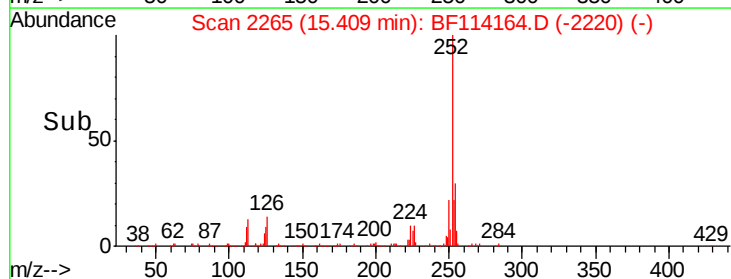
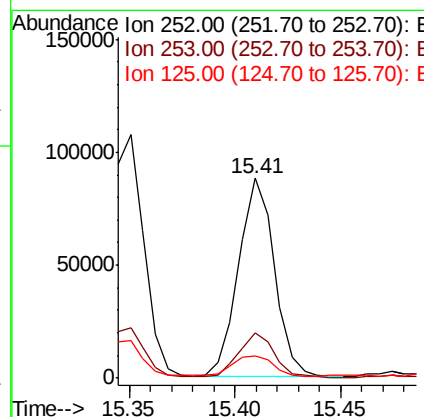
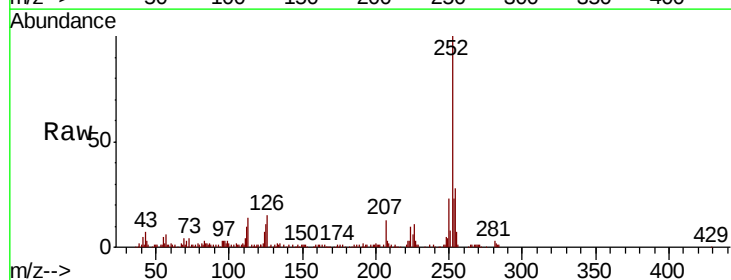
Instrument :
BNA_F
ClientSampleId :
P026-SS004-1218-01

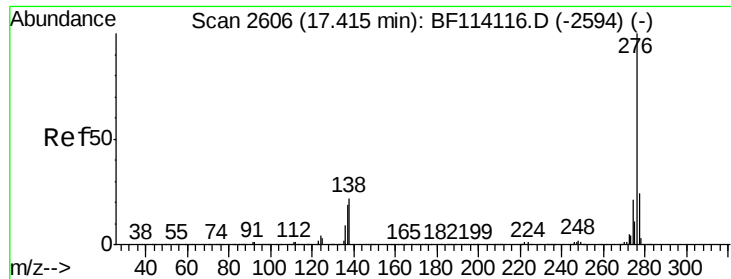
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.4	8.6	13.0#



#90
Benzo(a)pyrene
Concen: 2.553 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.04 min
Lab File: BF114164.D
Acq: 11 May 2019 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.0	9.5	14.3

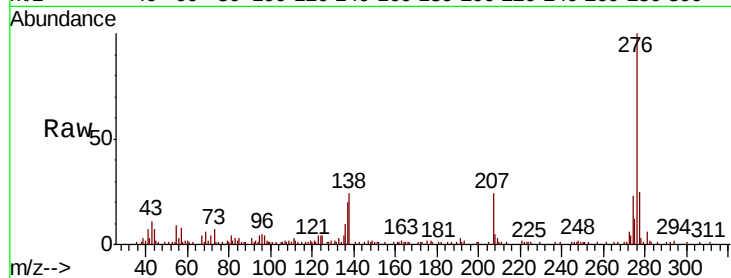




#92
 Benzo(g,h,i)perylene
 Concen: 3.440 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. -0.05 min
 Lab File: BF114164.D
 Acq: 11 May 2019 20:29

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1218-01

Tgt Ion:	276	Resp:	116622
Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	23.7	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

