

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121375.D
 Acq On : 21 Aug 2020 19:16
 Operator : JU/CG
 Sample : L3746-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 224

Quant Time: Aug 22 01:38:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

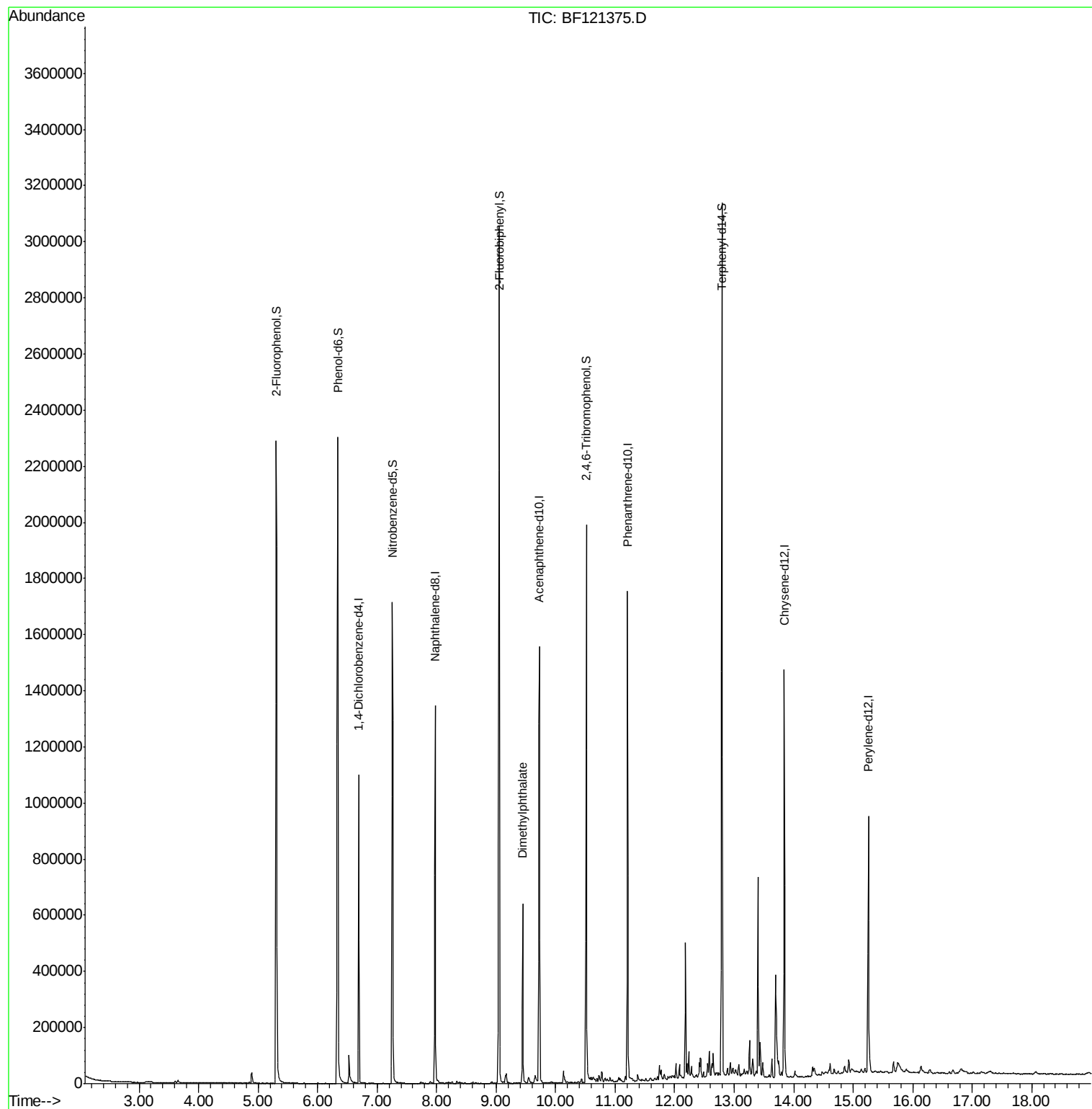
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	154715	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	604703	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	317624	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	616799	20.00	ng	0.00
76) Chrysene-d12	13.84	240	476796	20.00	ng	0.00
86) Perylene-d12	15.26	264	410352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	735321	77.93	ng	0.00
7) Phenol-d6	6.34	99	907699	75.36	ng	0.00
23) Nitrobenzene-d5	7.26	82	583863	54.61	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	279174	75.43	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	990653	55.37	ng	0.00
79) Terphenyl-d14	12.80	244	1086425	44.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	245915	10.642	ng	Qvalue 100

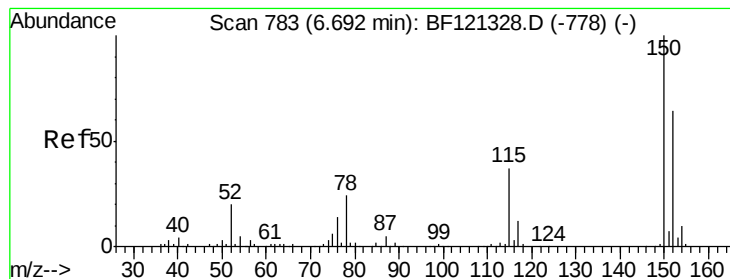
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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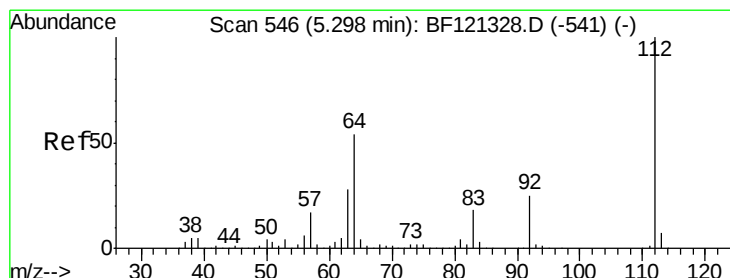
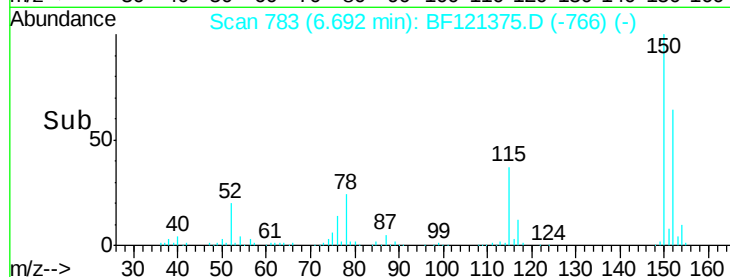
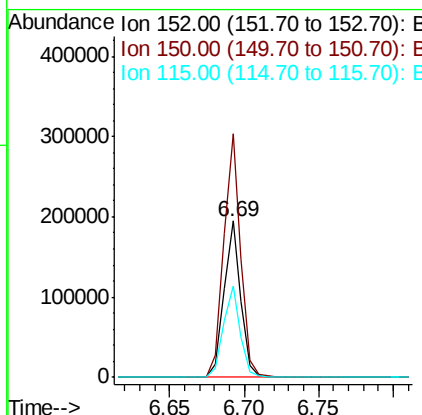
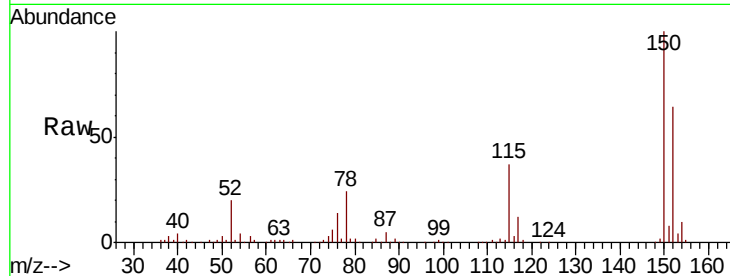


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Instrument :
 BNA_F
 ClientSampleId :
 224

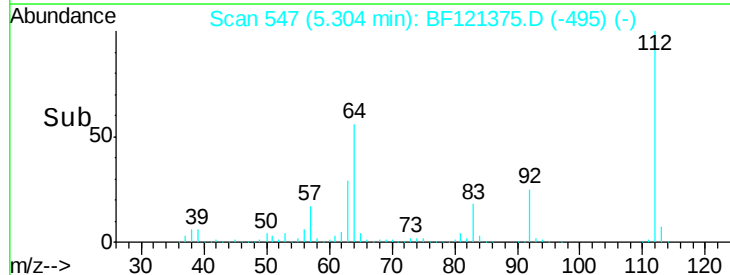
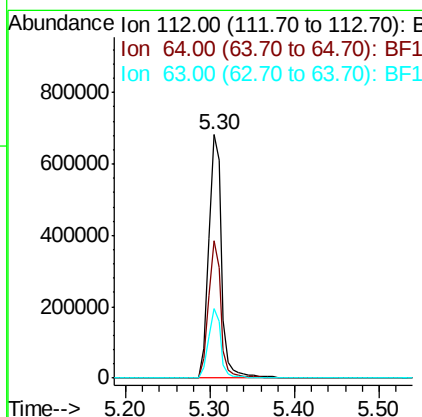
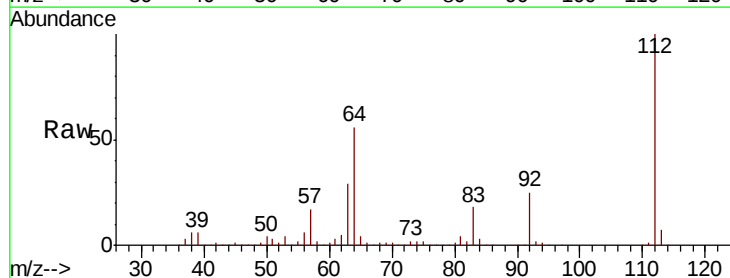
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.8	187.2
115	58.3	46.1	69.1

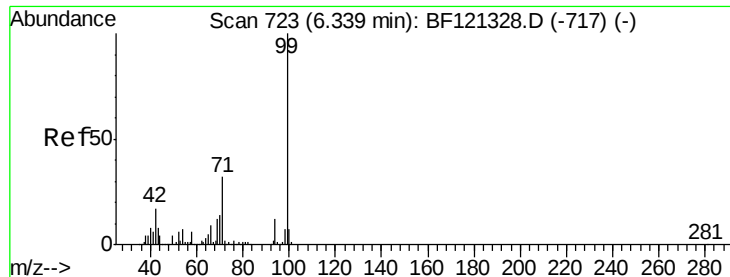


#5

2-Fluorophenol
 Concen: 77.932 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	43.5	65.3
63	28.5	22.0	33.0





#7

Phenol-d6

Concen: 75.358 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Instrument :

BNA_F

ClientSampleId :

224

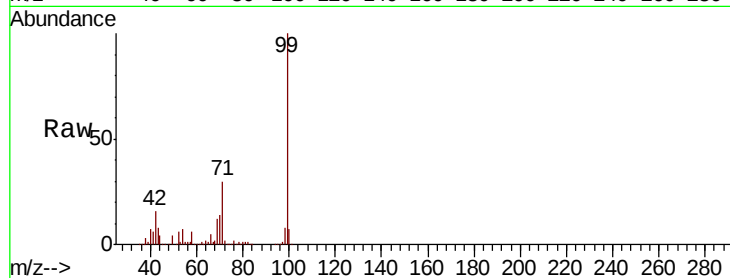
Tot Ion: 99 Resp: 907699

Ion Ratio Lower Upper

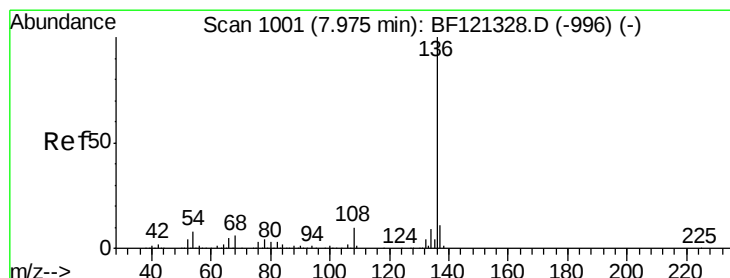
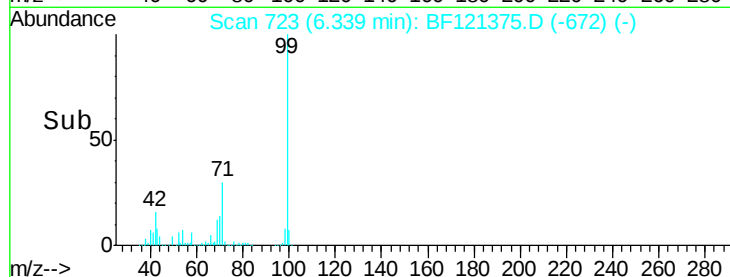
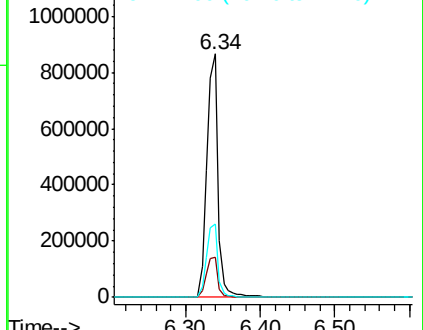
99 100

42 16.4 13.5 20.3

71 30.4 25.2 37.8



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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Tgt Ion: 136 Resp: 604703

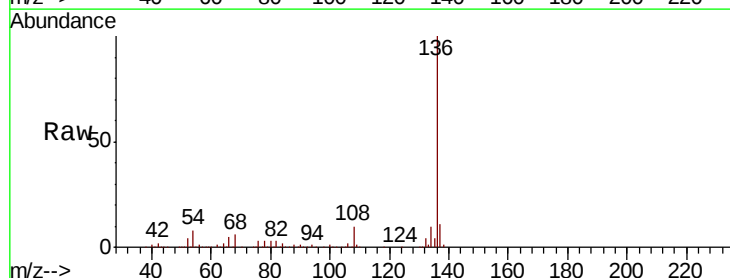
Ion Ratio Lower Upper

136 100

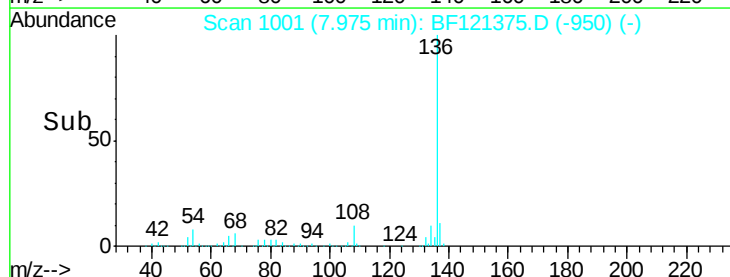
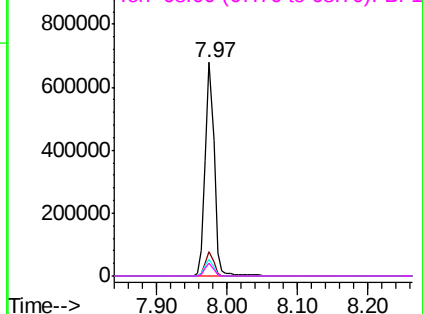
137 11.2 8.9 13.3

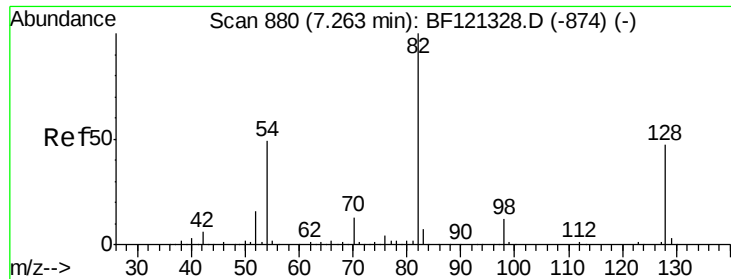
54 7.8 6.1 9.1

68 6.2 5.0 7.4



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

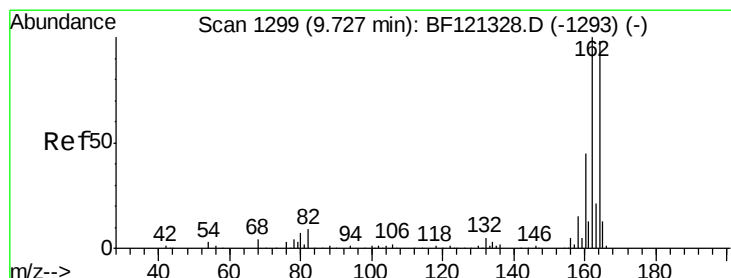
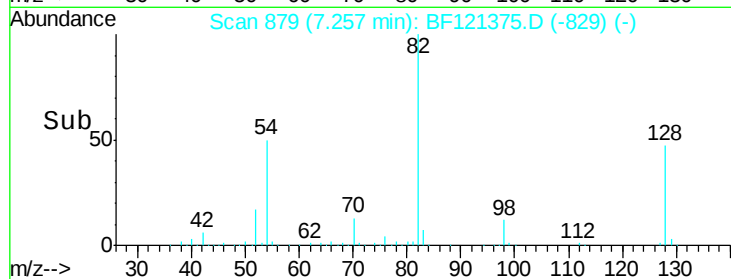
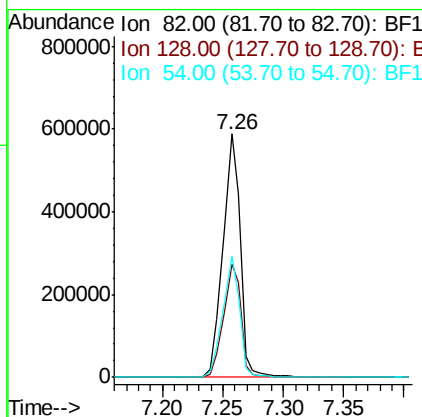
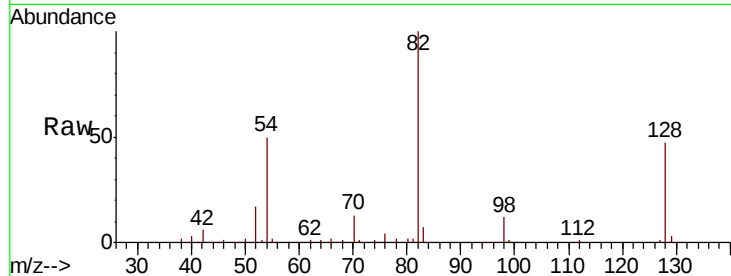




#23
 Nitrobenzene-d5
 Concen: 54.607 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

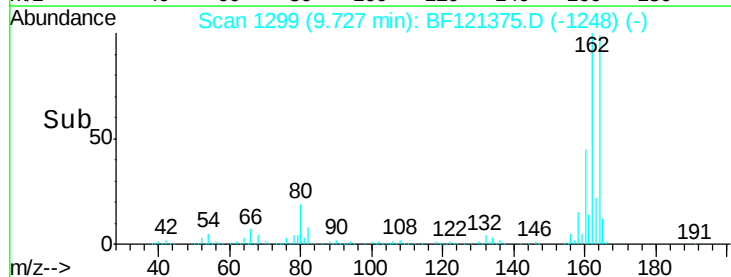
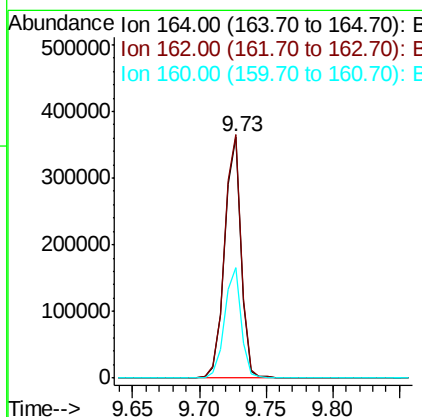
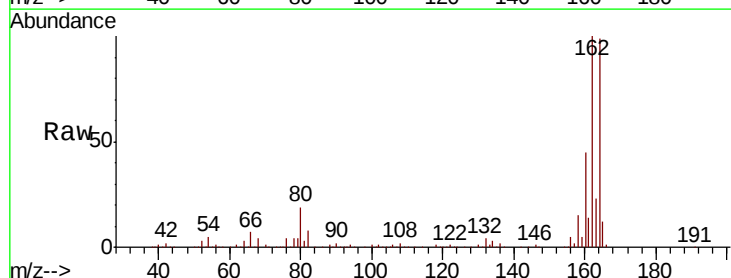
Instrument :
 BNA_F
 ClientSampled :
 224

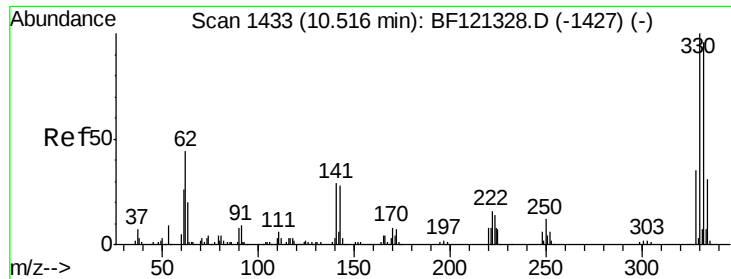
Tot Ion	82	Resp	583863
Ion Ratio	Lower	Upper	
82	100		
128	46.7	37.9	56.9
54	49.8	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Tgt Ion	164	Resp	317624
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.7	122.5
160	45.6	37.0	55.4

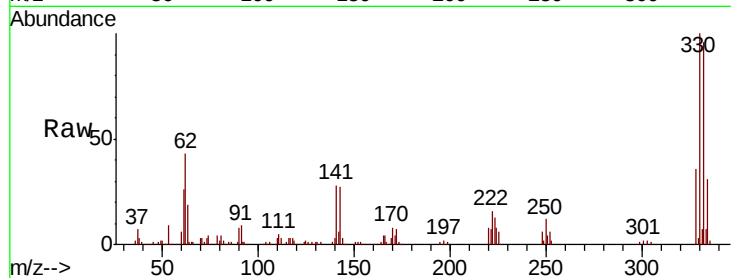




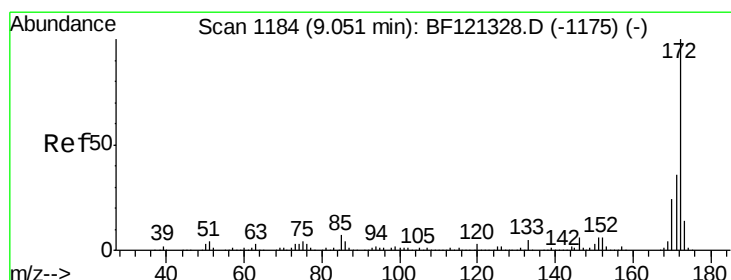
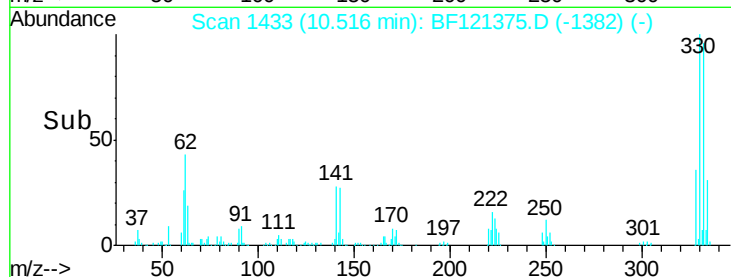
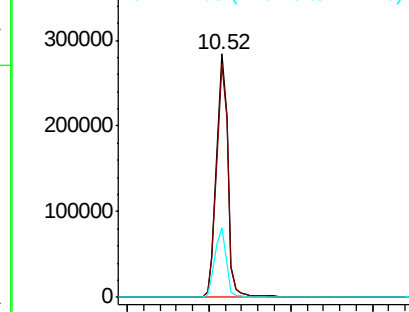
#42
 2,4,6-Tribromophenol
 Concen: 75.426 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Instrument :
 BNA_F
 ClientSampleId :
 224

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	28.6	22.8	34.2

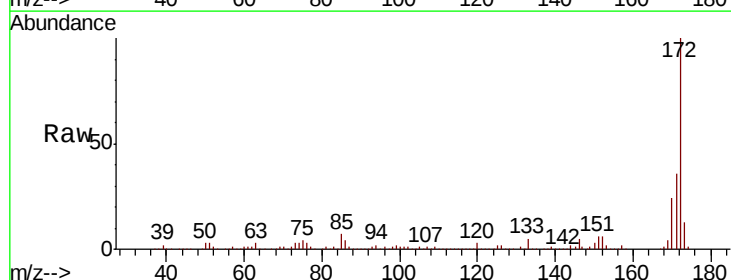


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

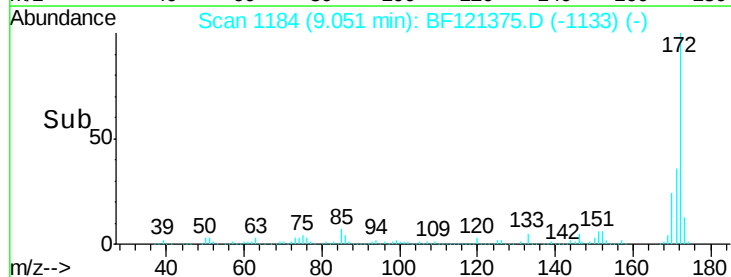
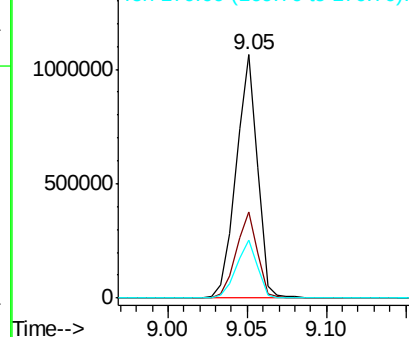


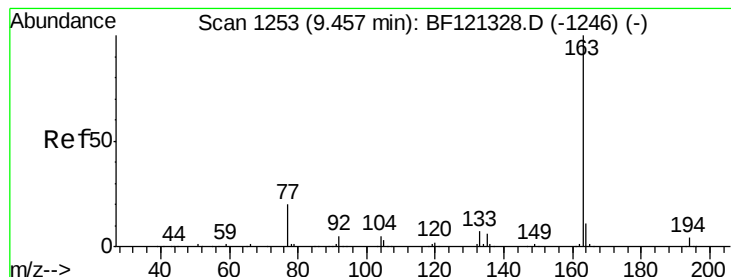
#45
 2-Fluorobiphenyl
 Concen: 55.368 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.0	19.4	29.2



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: 10.642 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Instrument :

BNA_F

ClientSampleId :

224

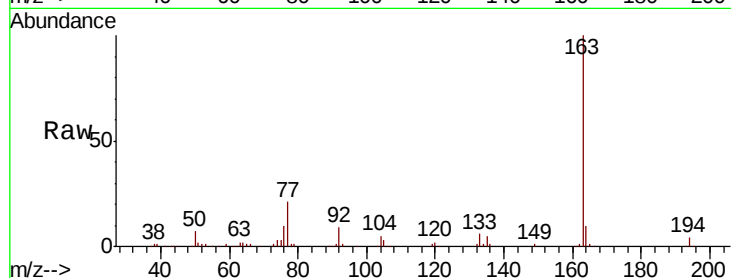
Tot Ion:163 Resp: 245915

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

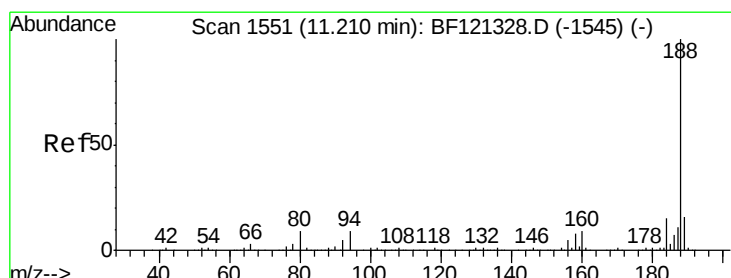
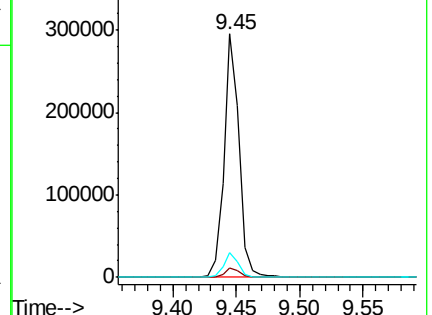
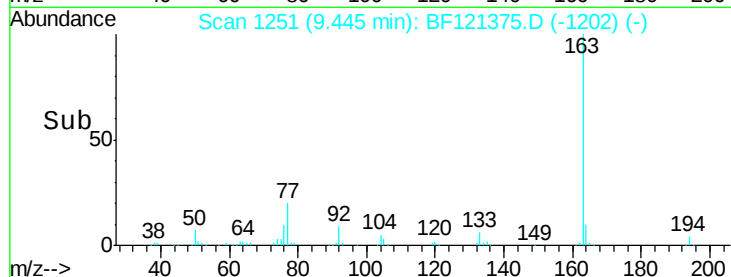
164 10.3 8.4 12.6



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: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

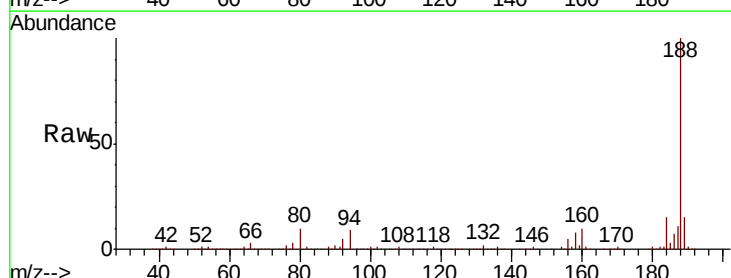
Tgt Ion:188 Resp: 616799

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

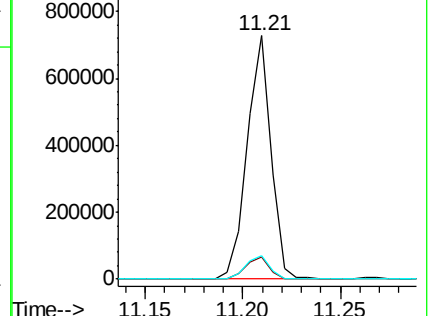
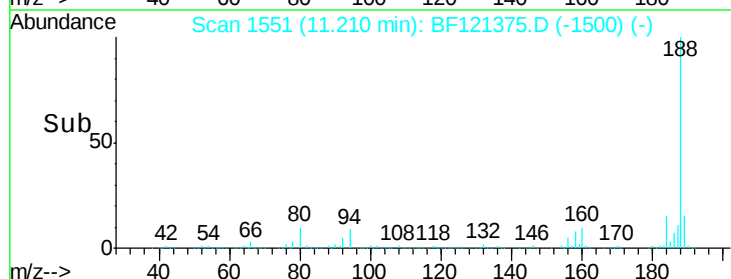
80 9.7 7.4 11.0

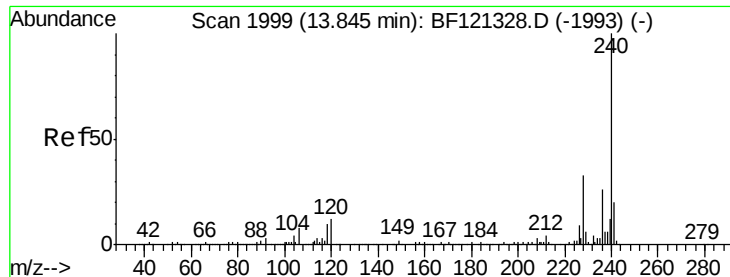


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Instrument :

BNA_F

ClientSampleId :

224

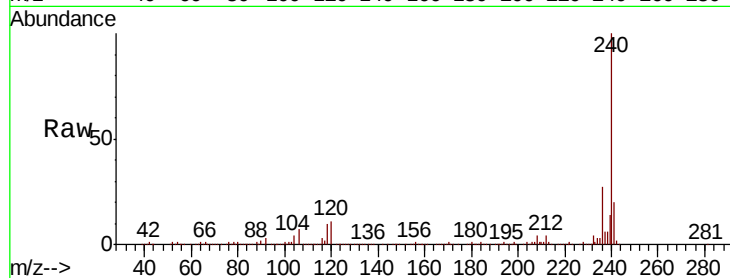
Tot Ion:240 Resp: 476796

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

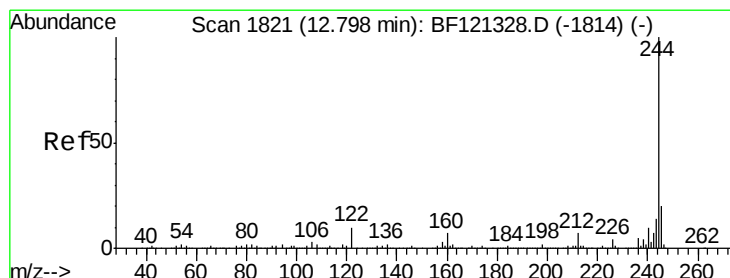
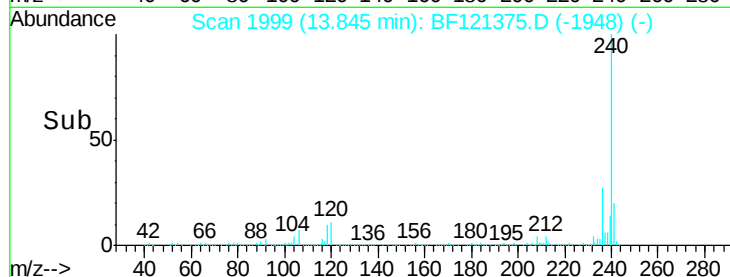
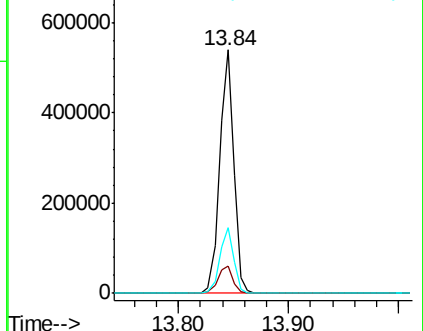
236 26.7 20.6 31.0



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: 44.527 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

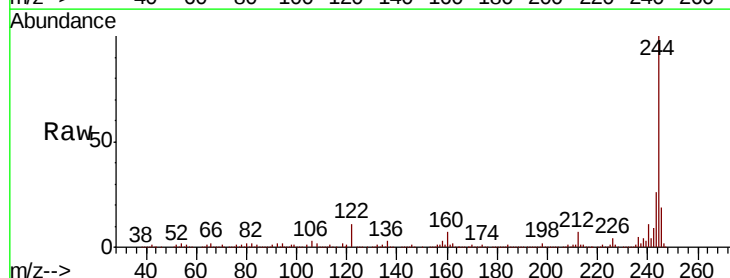
Tgt Ion:244 Resp: 1086425

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

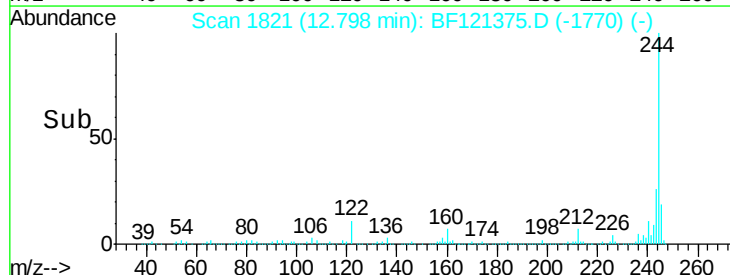
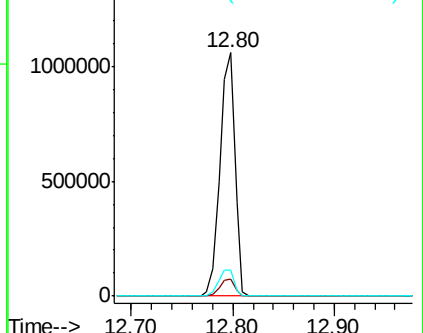
122 10.7 7.8 11.8

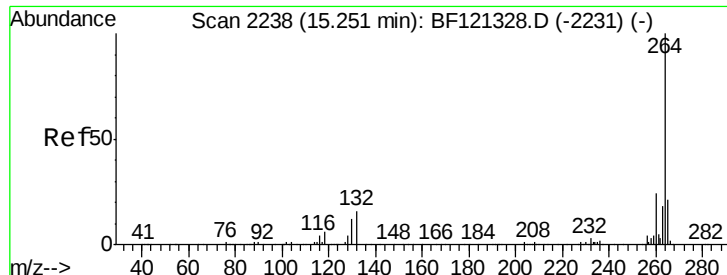


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

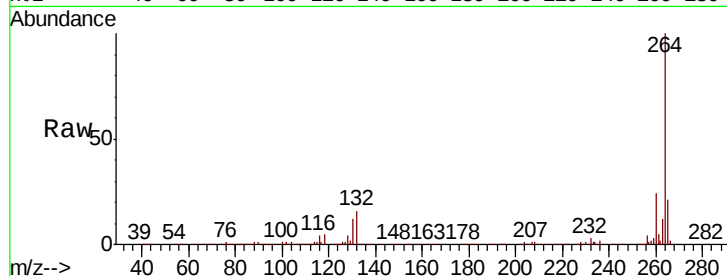




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Instrument :
 BNA_F
 ClientSampleId :
 224

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.1	25.7



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

