

Data Path : Z:\HPCHEM1\BNA F\Data\BF100616\
 Data File : BF090424.D
 Acq On : 6 Oct 2016 18:04
 Operator : UM/SJ
 Sample : PB93820BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BL

Quant Time: Oct 06 19:15:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

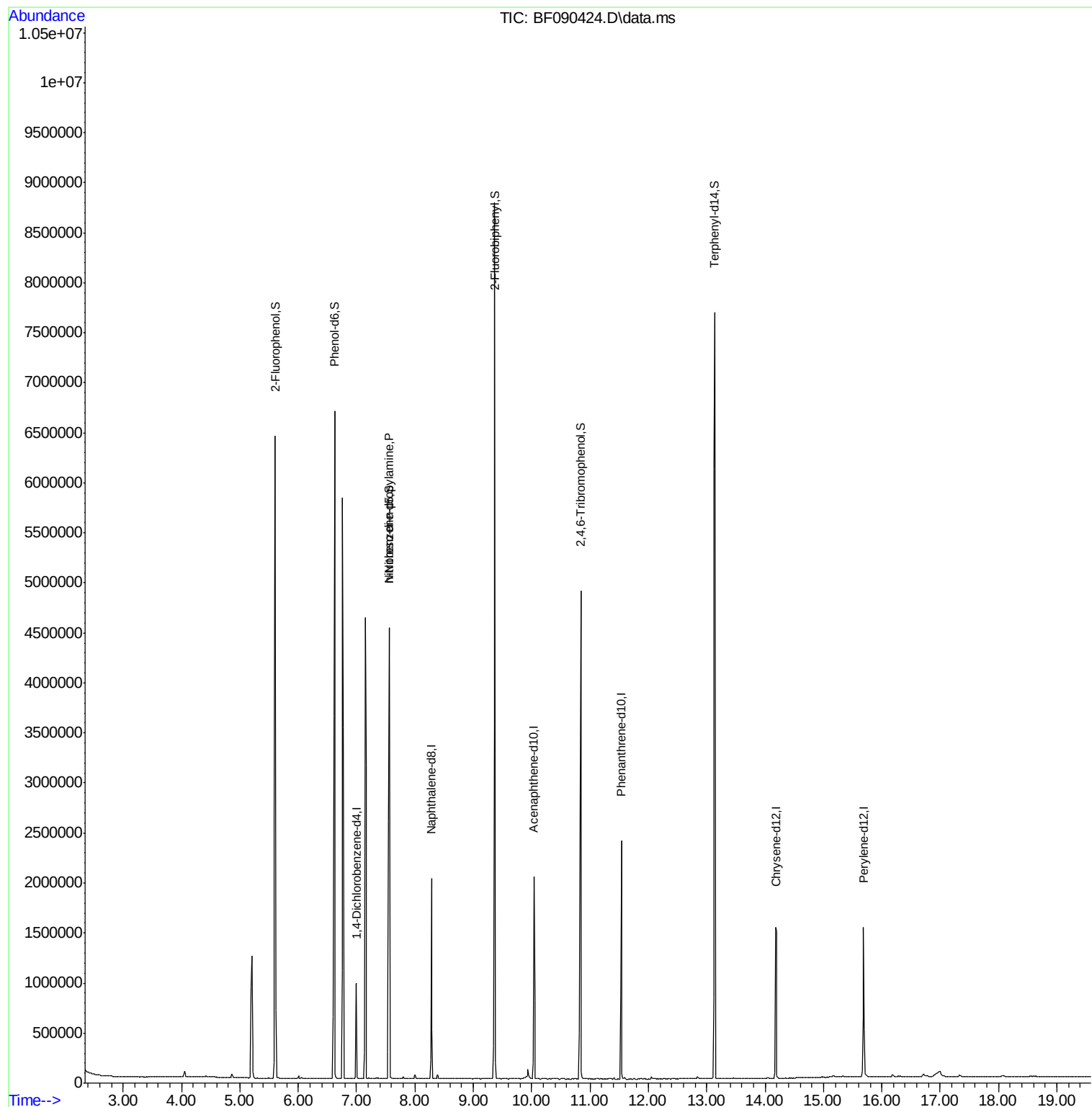
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.000	152	209437	20.00	ng	0.00
21) Naphthalene-d8	8.280	136	872414	20.00	ng	-0.01
38) Acenaphthene-d10	10.040	164	448437	20.00	ng	-0.01
63) Phenanthrene-d10	11.538	188	849706	20.00	ng	-0.01
75) Chrysene-d12	14.189	240	726720	20.00	ng	-0.01
86) Perylene-d12	15.687	264	611190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	1860379	132.57	ng	0.00
7) Phenol-d6	6.623	99	2716946	147.83	ng	0.00
23) Nitrobenzene-d5	7.560	82	1821175	101.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.840	330	709932	194.69	ng	-0.01
44) 2-Fluorobiphenyl	9.366	172	2761659	102.61	ng	-0.01
78) Terphenyl-d14	13.138	244	3310290	102.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.560	70	258878	19.21	ng	Qvalue # 62

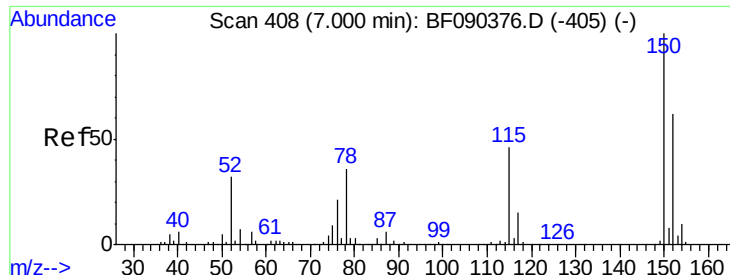
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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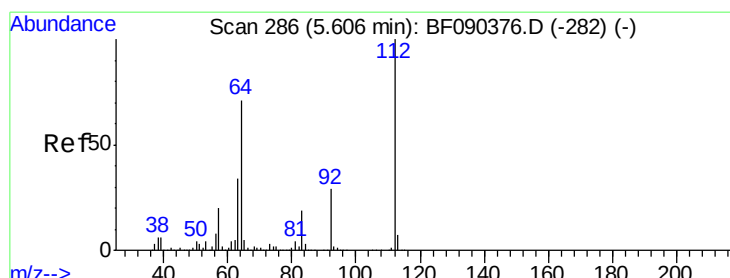
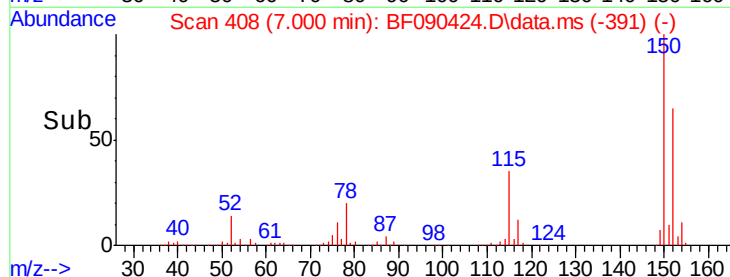
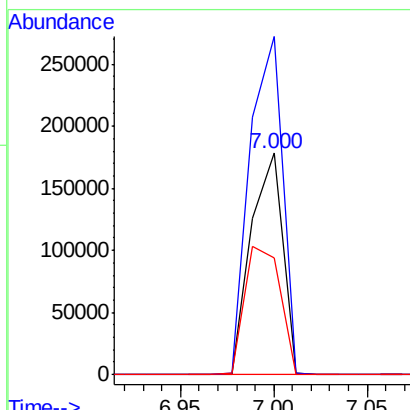
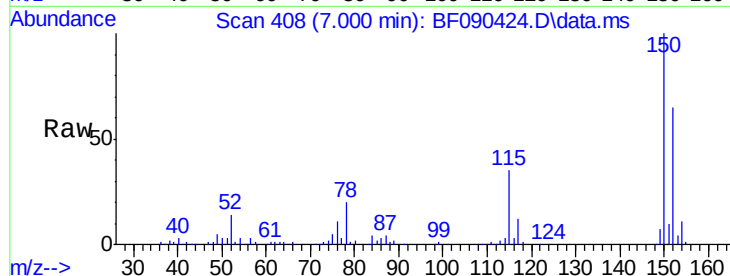




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.000 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BF090424.D
 Acq: 6 Oct 2016 18:04

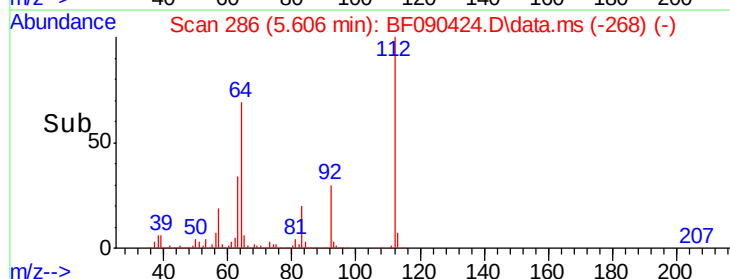
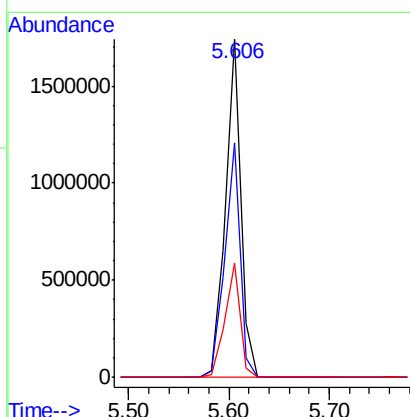
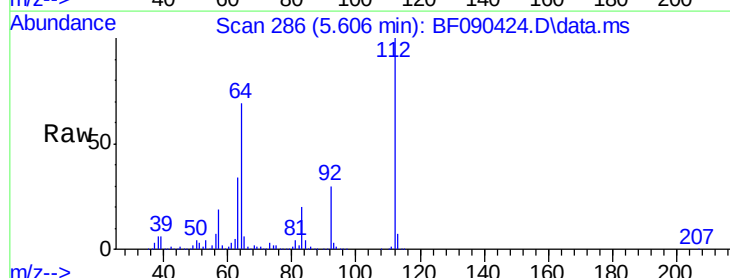
Instrument :
 BNA_F
 ClientSampleId :
 PB93820BL

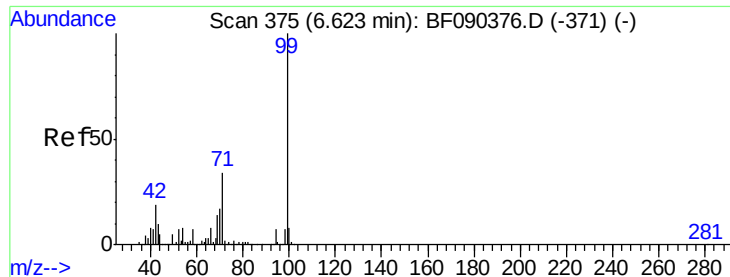
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	53.0	46.2	69.4



#5
 2-Fluorophenol
 Concen: 132.57 ng
 RT: 5.606 min Scan# 286
 Delta R.T. 0.001 min
 Lab File: BF090424.D
 Acq: 6 Oct 2016 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.9	86.9
63	33.8	29.6	44.4





#7

Phenol-d6

Concen: 147.83 ng

RT: 6.623 min Scan# 37

Delta R.T. -0.000 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

Instrument :

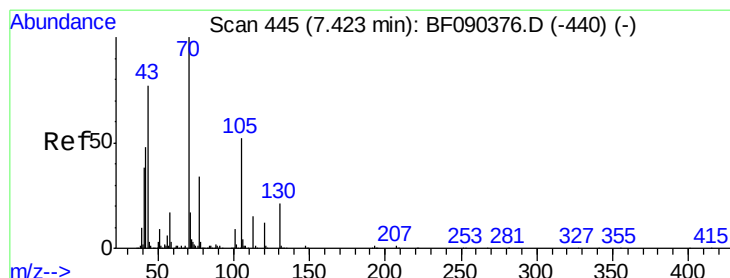
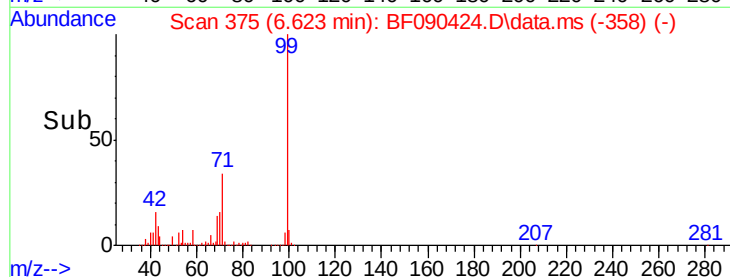
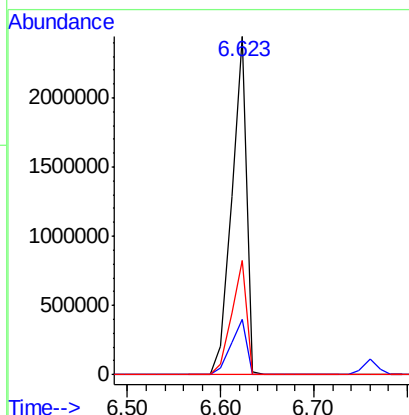
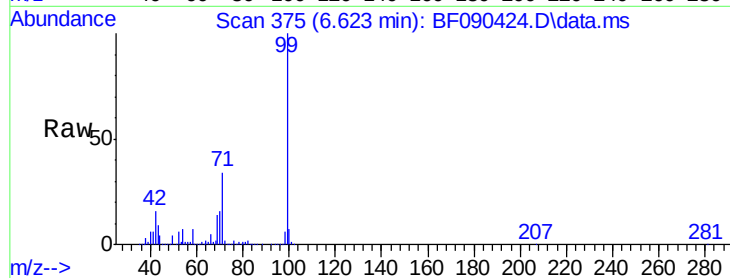
BNA_F

ClientSampleId :

PB93820BL

Tot Ion: 99 Resp: 2716946

Ion	Ratio	Lower	Upper
99	100		
42	16.3	20.0	30.0#
71	33.7	27.9	41.9



#19

n-Nitroso-di-n-propylamine

Concen: 19.21 ng

RT: 7.560 min Scan# 457

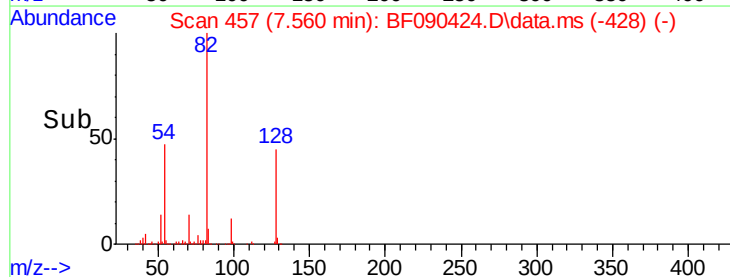
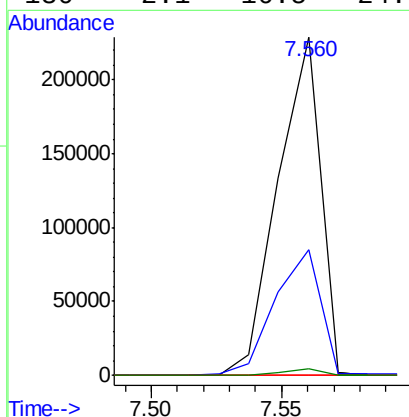
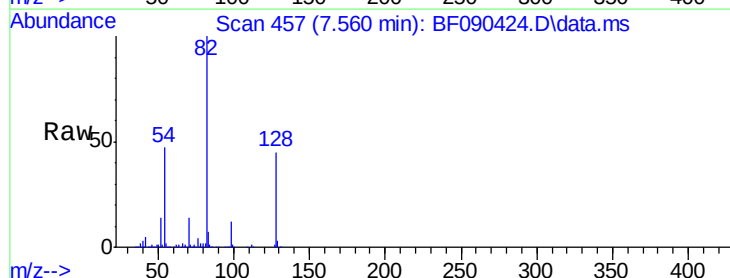
Delta R.T. 0.137 min

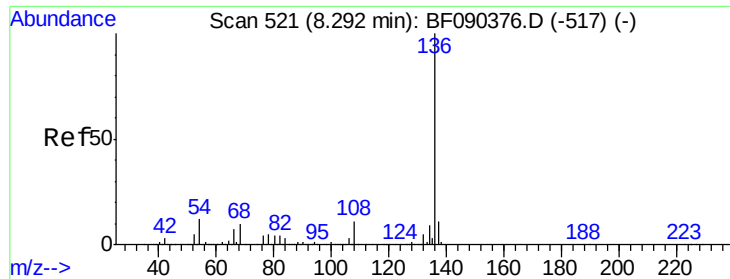
Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

Tgt Ion: 70 Resp: 258878

Ion	Ratio	Lower	Upper
70	100		
42	37.2	55.4	83.2#
101	0.0	7.6	11.4#
130	2.1	16.5	24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.280 min Scan# 521

Delta R.T. -0.012 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

Instrument :

BNA_F

ClientSampleId :

PB93820BL

Tot Ion:136 Resp: 872414

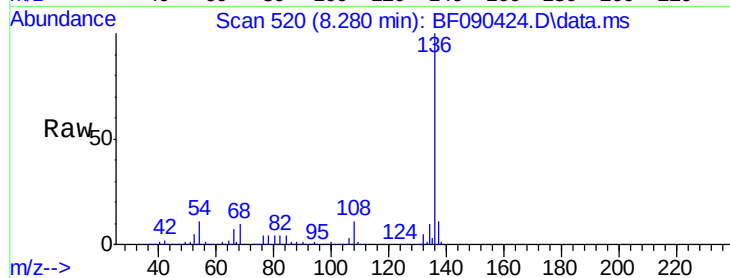
Ion Ratio Lower Upper

136 100

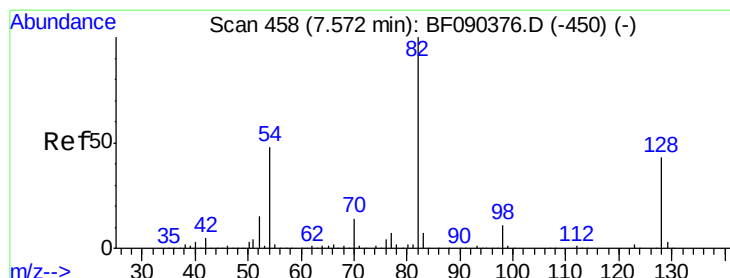
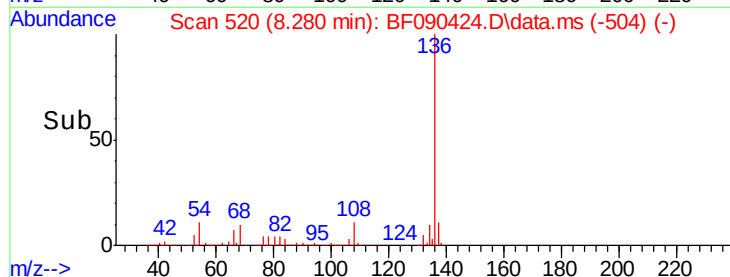
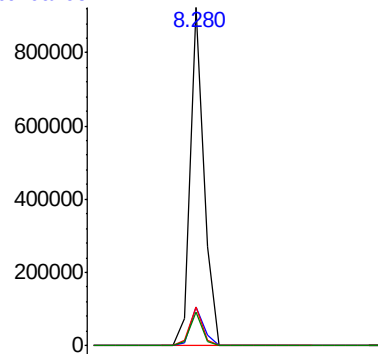
137 11.4 9.0 13.6

54 11.4 6.6 10.0#

68 9.8 5.0 7.6#



Abundance



#23

Nitrobenzene-d5

Concen: 101.54 ng

RT: 7.560 min Scan# 457

Delta R.T. -0.012 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

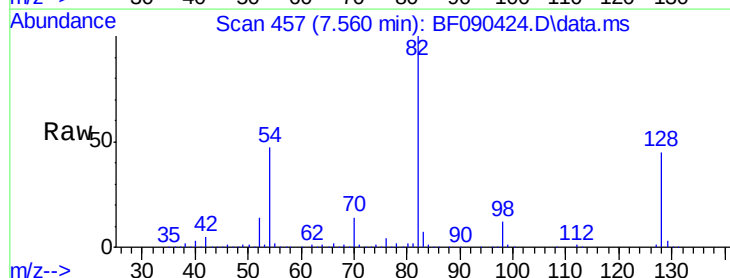
Tgt Ion: 82 Resp: 1821175

Ion Ratio Lower Upper

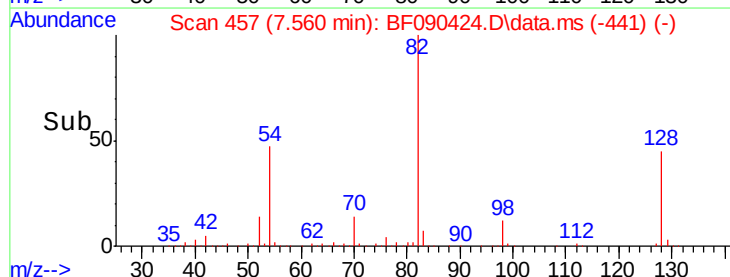
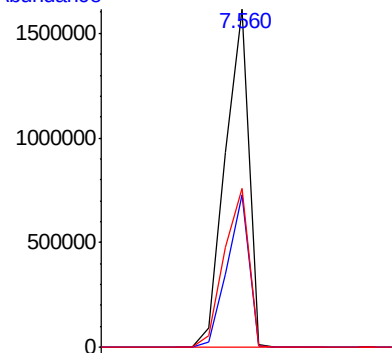
82 100

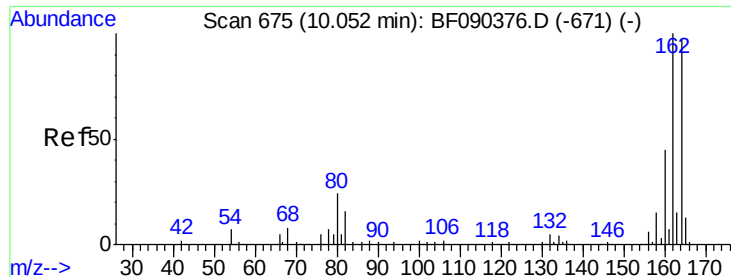
128 45.2 40.0 60.0

54 47.0 42.6 64.0



Abundance





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.040 min Scan# 67

Delta R.T. -0.012 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

Instrument :

BNA_F

ClientSampleId :

PB93820BL

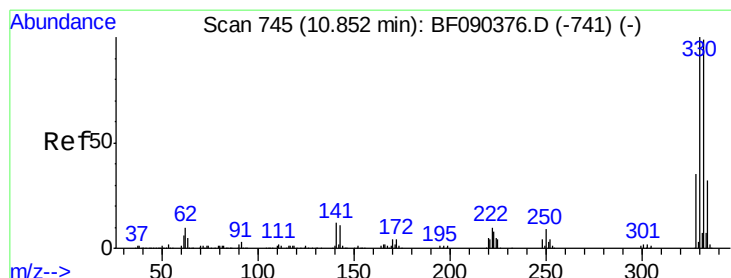
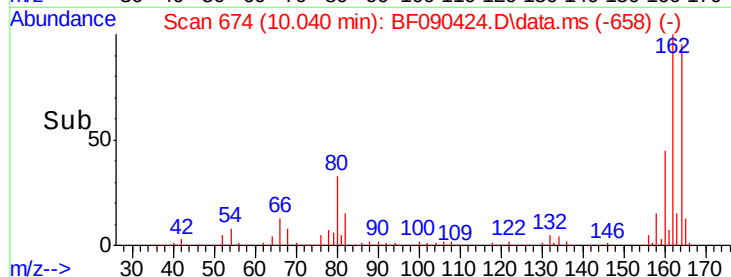
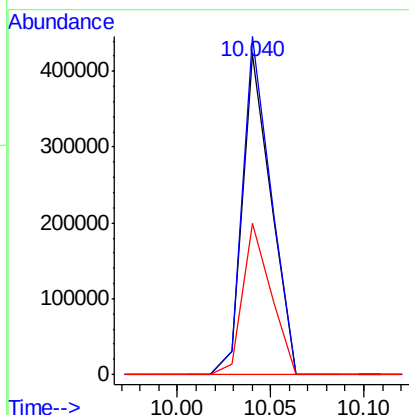
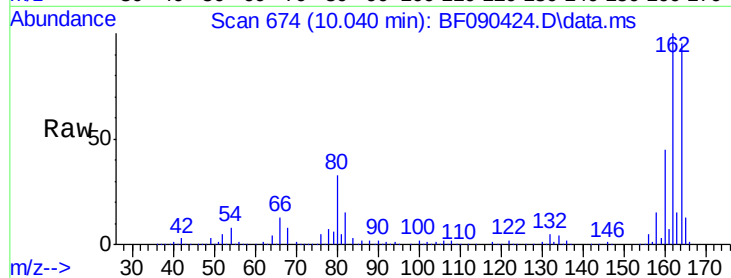
Tot Ion:164 Resp: 448437

Ion Ratio Lower Upper

164 100

162 105.6 80.1 120.1

160 47.1 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 194.69 ng

RT: 10.840 min Scan# 744

Delta R.T. -0.012 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

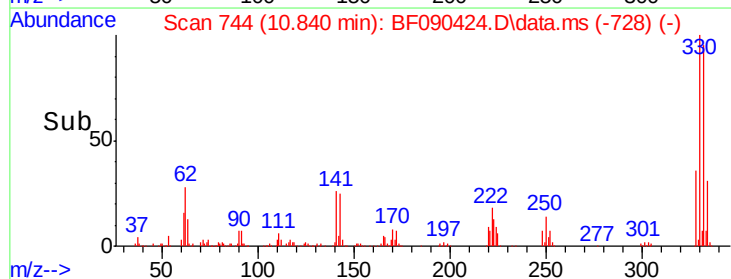
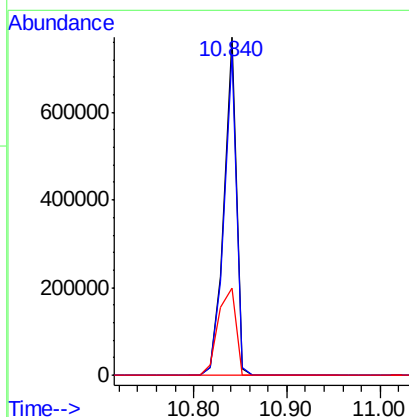
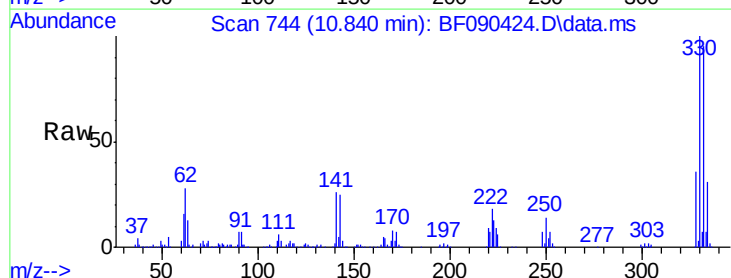
Tgt Ion:330 Resp: 709932

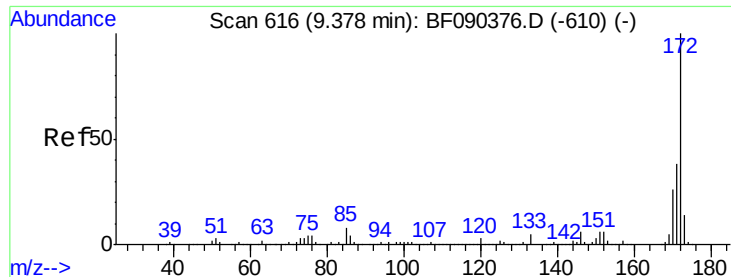
Ion Ratio Lower Upper

330 100

332 95.1 75.4 113.0

141 36.7 26.9 40.3



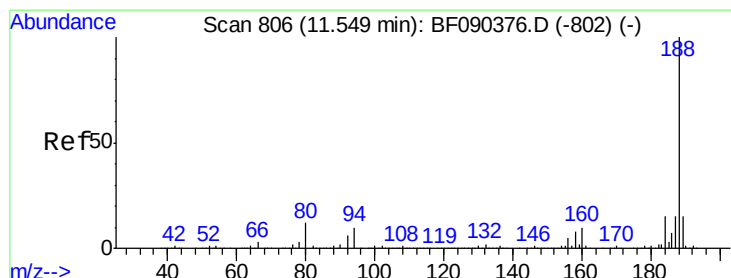
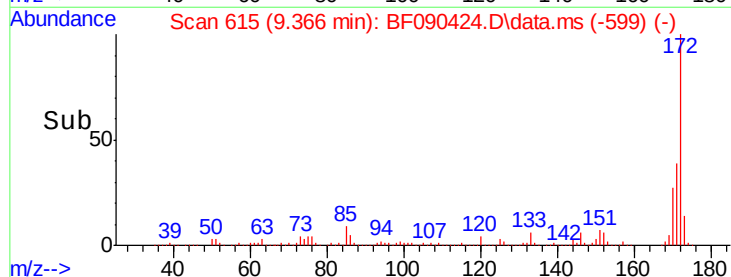
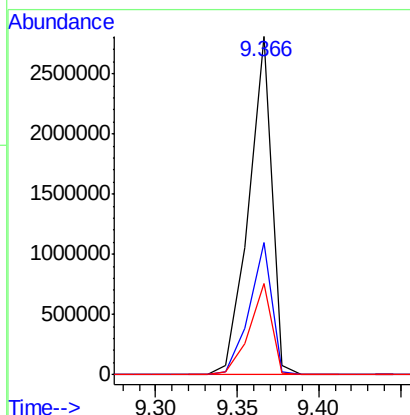
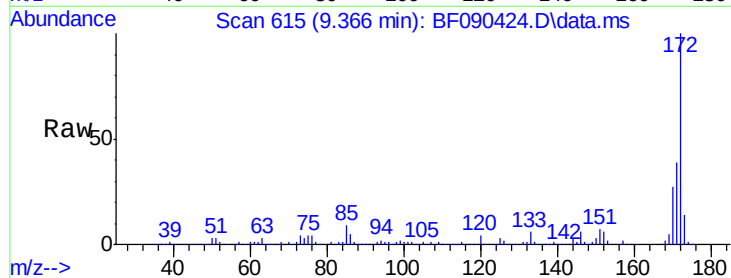


#44
 2-Fluorobiphenyl
 Concen: 102.61 ng
 RT: 9.366 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: BF090424.D
 Acq: 6 Oct 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BL

Tot Ion:172 Resp: 2761659

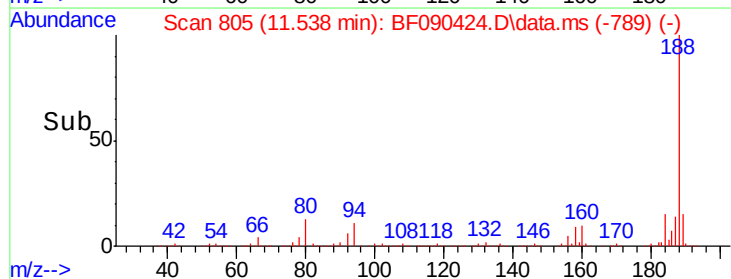
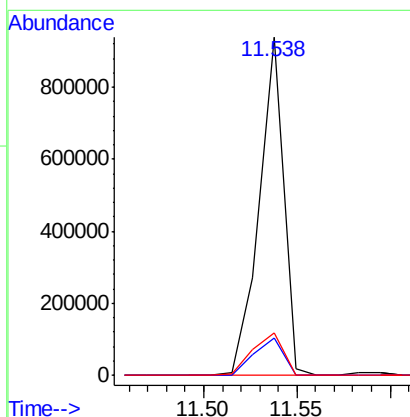
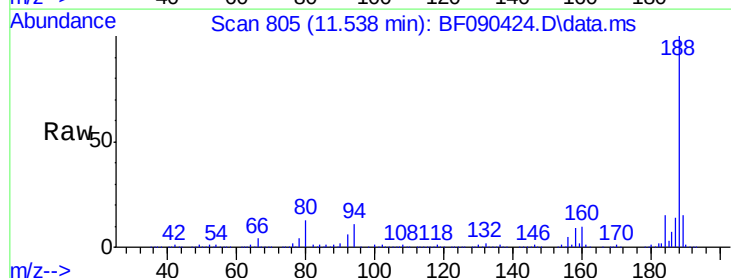
Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.8	47.8
170	26.8	21.7	32.5

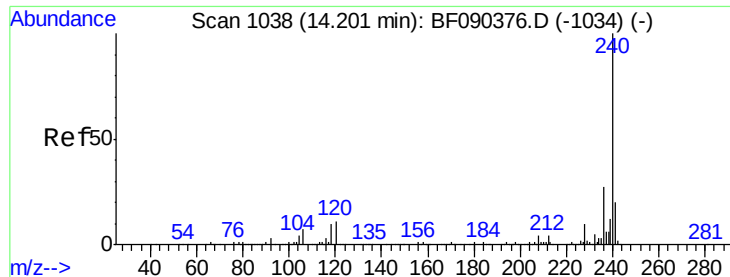


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.538 min Scan# 805
 Delta R.T. -0.012 min
 Lab File: BF090424.D
 Acq: 6 Oct 2016 18:04

Tgt Ion:188 Resp: 849706

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.2
80	12.5	8.8	13.2

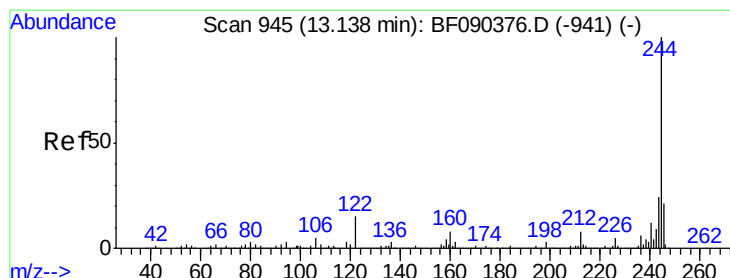
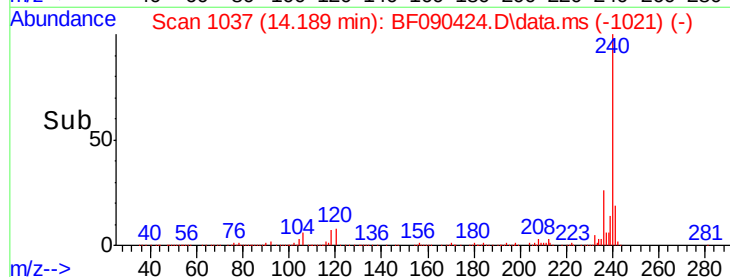
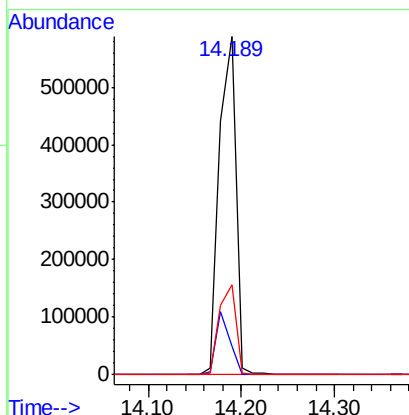
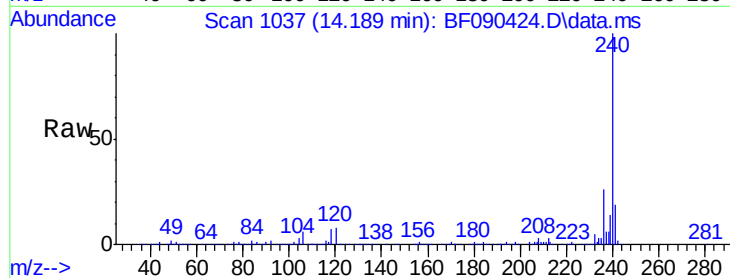




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.189 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF090424.D
Acq: 6 Oct 2016 18:04

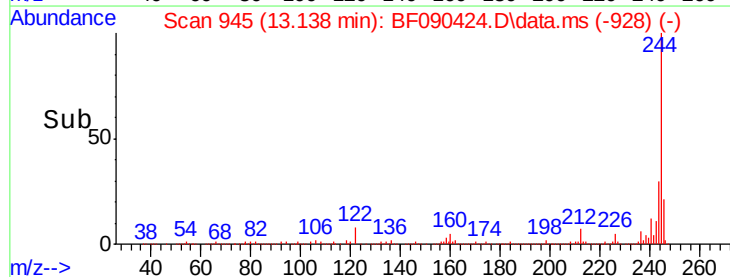
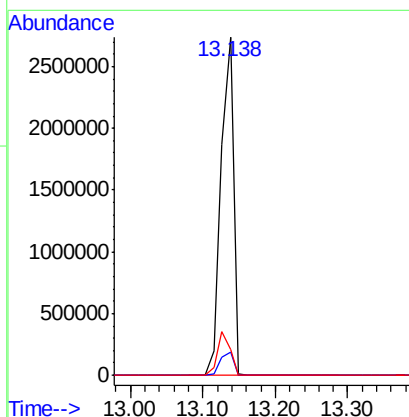
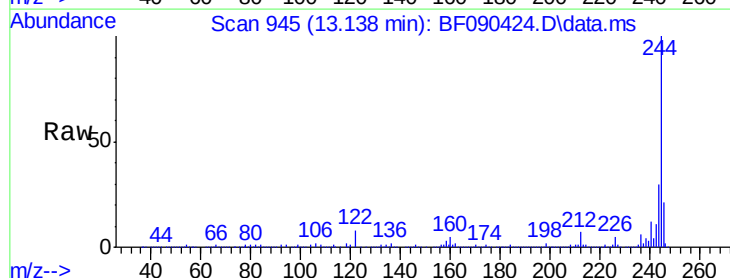
Instrument :
BNA_F
ClientSampleId :
PB93820BL

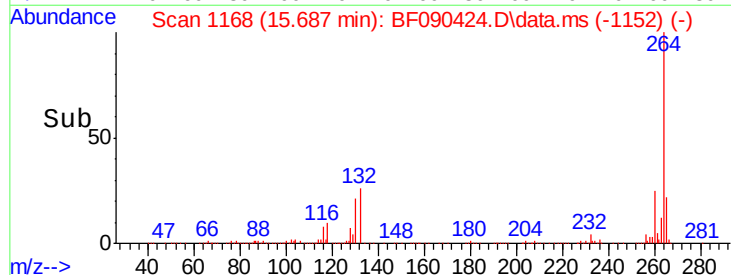
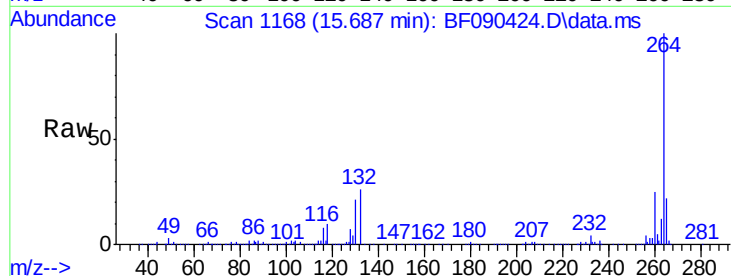
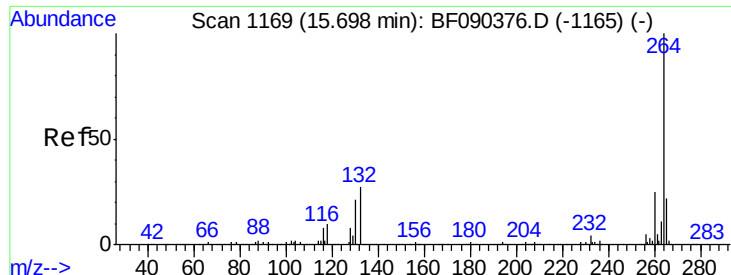
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.6	13.0#
236	26.5	21.6	32.4



#78
Terphenyl-d14
Concen: 102.41 ng
RT: 13.138 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF090424.D
Acq: 6 Oct 2016 18:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.8	10.2
122	7.8	13.3	19.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF090424.D
Acq: 6 Oct 2016 18:04

Instrument :
BNA_F
ClientSampleId :
PB93820BL

Tot Ion:	264	Resp:	611190
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.3	28.9
265	22.2	17.4	26.0

