

Data Path : Z:\HPCHEM1\BNA F\Data\BF092916\
 Data File : BF090287.D
 Acq On : 29 Sep 2016 12:21
 Operator : UM/SJ
 Sample : H4949-07DL 20X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 14:02:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.456	152	140010	20.00	ng	-0.02
21) Naphthalene-d8	7.747	136	584870	20.00	ng	-0.02
38) Acenaphthene-d10	9.496	164	323601	20.00	ng	-0.01
63) Phenanthrene-d10	10.959	188	473626	20.00	ng	-0.02
75) Chrysene-d12	13.577	240	413002	20.00	ng	-0.02
86) Perylene-d12	14.902	264	321085	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	47873	5.57	ng	-0.02
7) Phenol-d6	6.113	99	65818	6.20	ng	-0.02
23) Nitrobenzene-d5	7.027	82	37721	3.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.273	330	14676	5.29	ng	-0.02
44) 2-Fluorobiphenyl	8.833	172	78894	4.79	ng	-0.02
78) Terphenyl-d14	12.548	244	77555	4.77	ng	-0.01

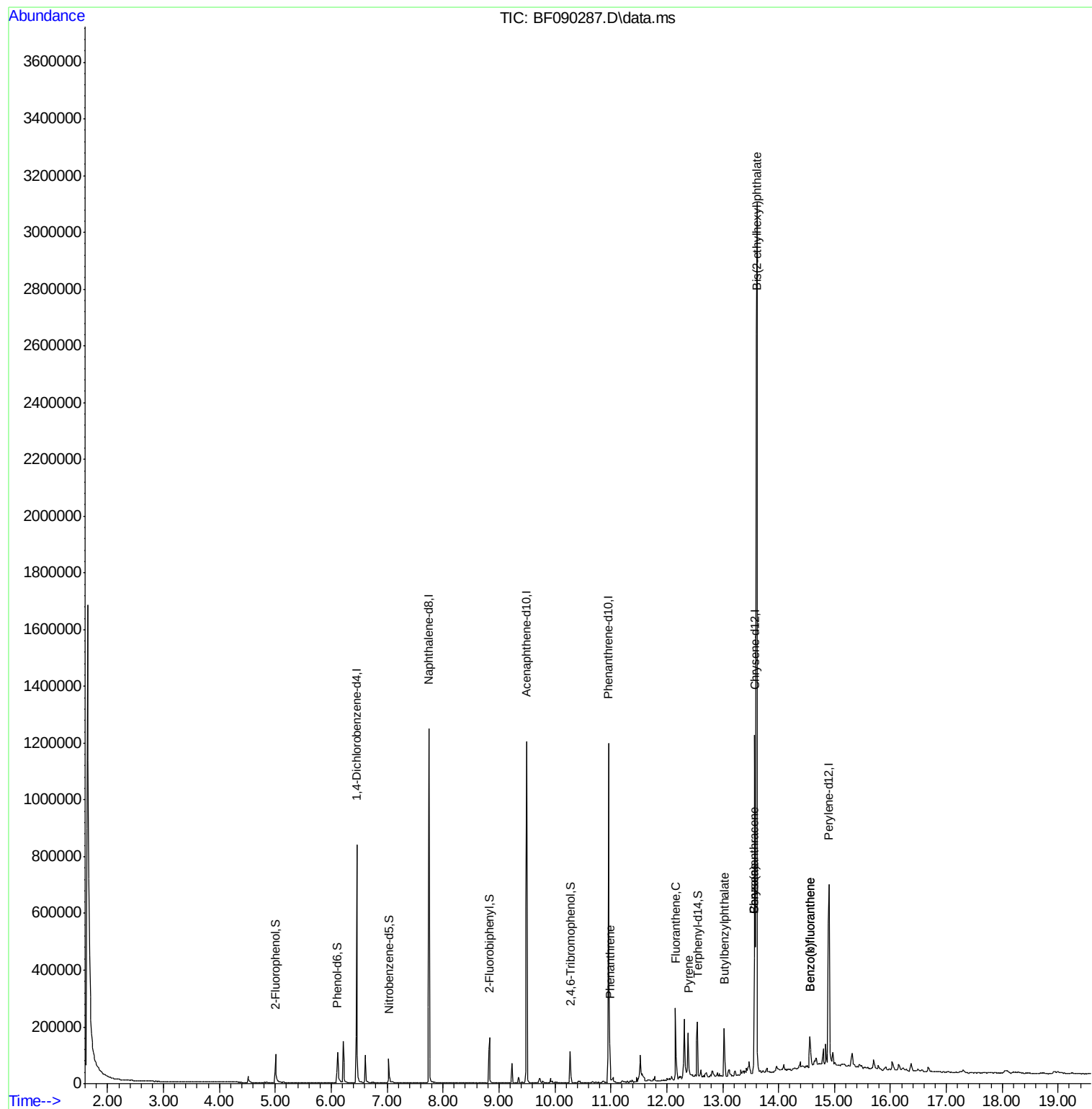
Target Compounds				Qvalue		
70) Phenanthrene	10.982	178	45947	2.07	ng	98
74) Fluoranthene	12.159	202	98520	4.14	ng	97
77) Pyrene	12.388	202	82951	2.94	ng	97
79) Butylbenzylphthalate	13.028	149	41785	3.02	ng	# 81
80) Benzo(a)anthracene	13.565	228	48536	2.18	ng	93
82) Chrysene	13.565	228	48536	2.24	ng	97
83) Bis(2-ethylhexyl)phtha...	13.611	149	1319057	74.56	ng	# 98
87) Benzo(b)fluoranthene	14.560	252	66370	3.73	ng	97
88) Benzo(k)fluoranthene	14.560	252	66370	3.98	ng	# 97

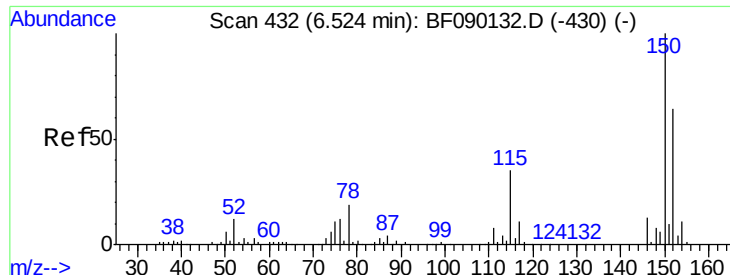
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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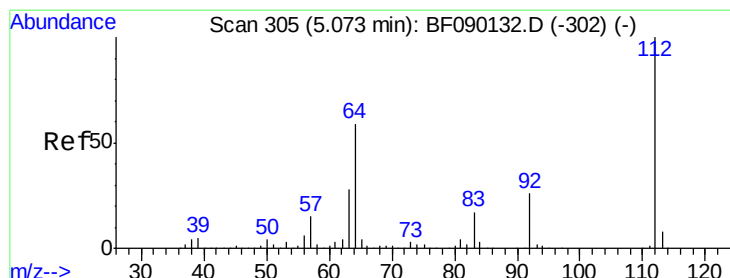
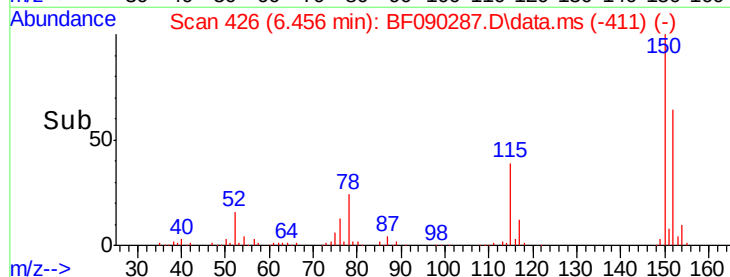
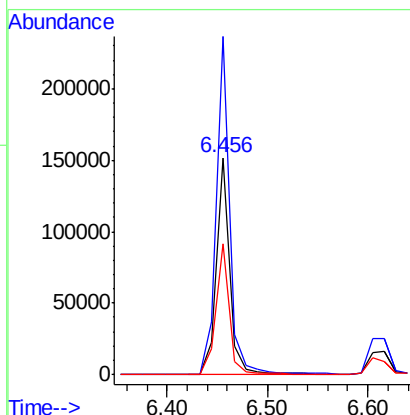
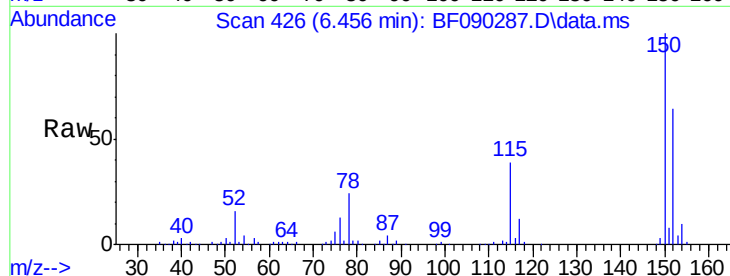




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.456 min Scan# 42
 Delta R.T. -0.023 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

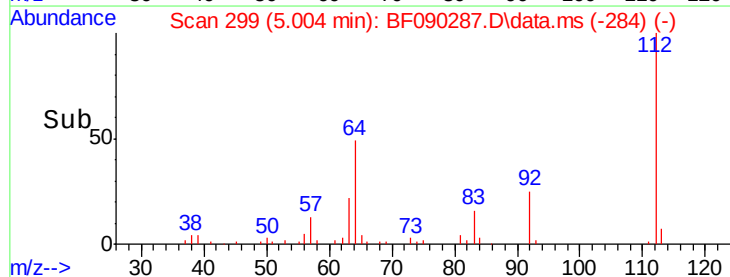
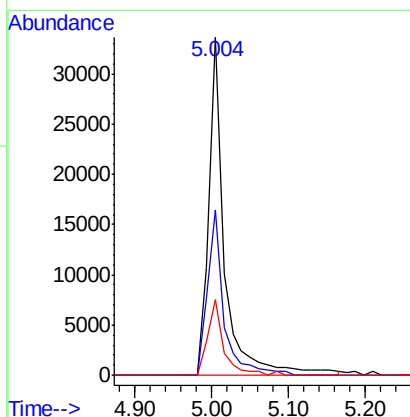
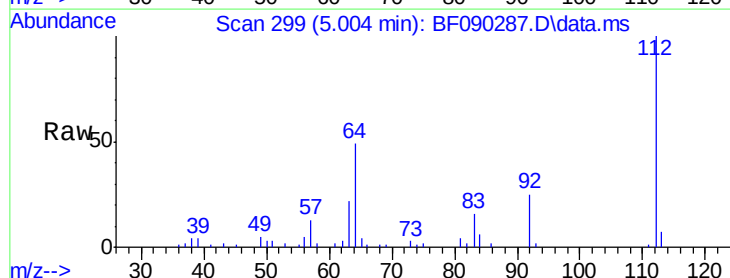
Instrument :
 BNA_F
 ClientSampleId :

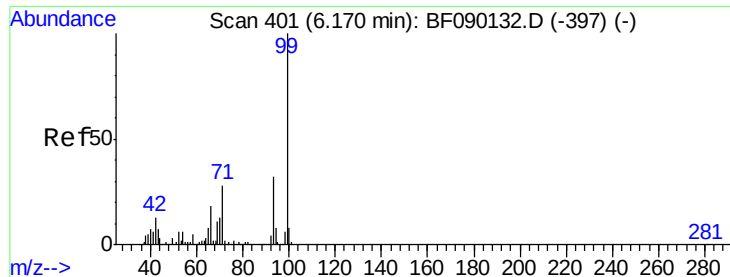
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	128.9	193.3
115	60.5	55.5	83.3



#5
 2-Fluorophenol
 Concen: 5.57 ng
 RT: 5.004 min Scan# 299
 Delta R.T. -0.023 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.8	39.8	59.6
63	22.4	18.9	28.3





#7

Phenol-d6

Concen: 6.20 ng

RT: 6.113 min Scan# 39

Delta R.T. -0.023 min

Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

Instrument :

BNA_F

ClientSampleId :

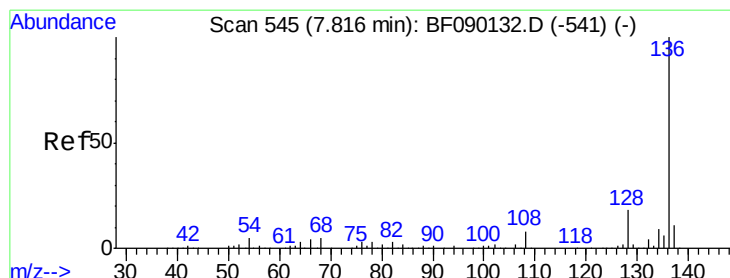
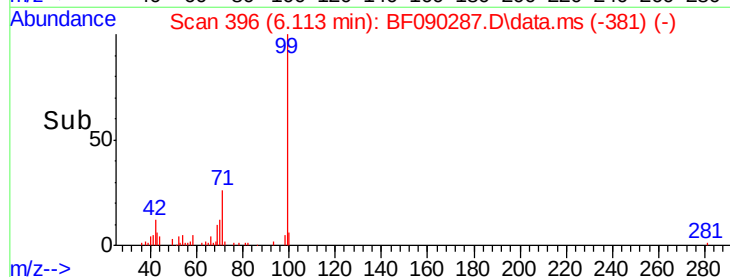
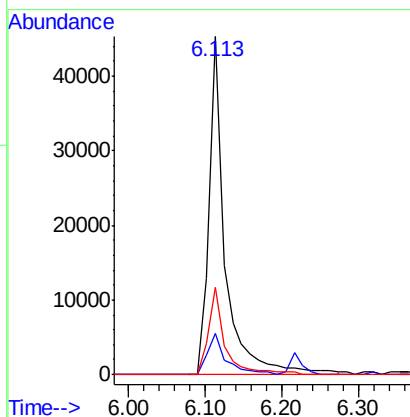
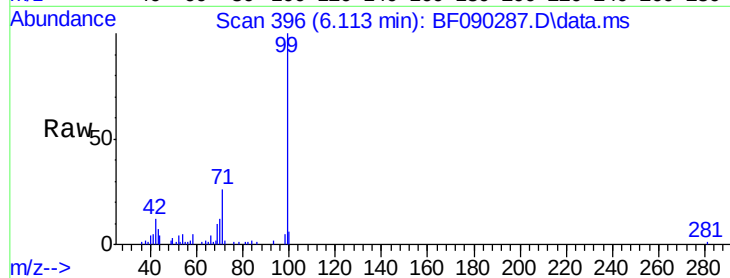
Tot Ion: 99 Resp: 65818

Ion Ratio Lower Upper

99 100

42 12.2 10.6 15.8

71 25.7 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.747 min Scan# 539

Delta R.T. -0.023 min

Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

Tgt Ion: 136 Resp: 584870

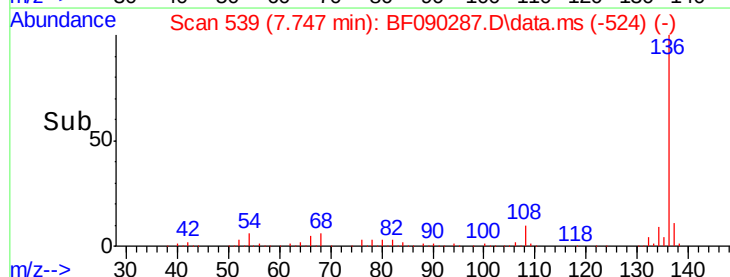
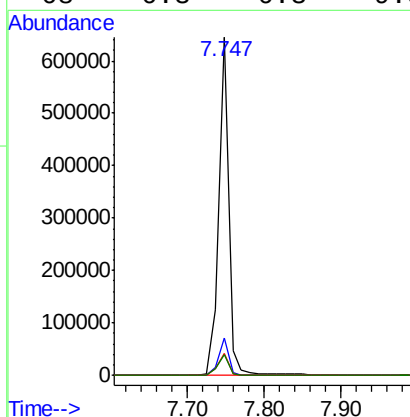
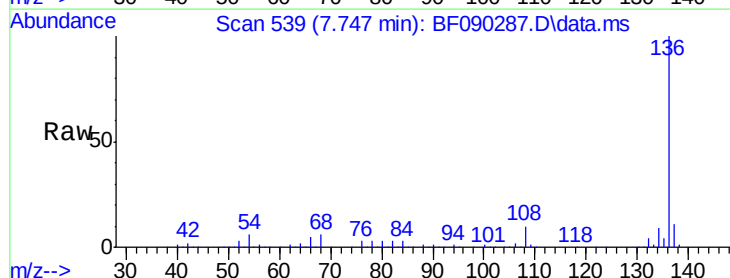
Ion Ratio Lower Upper

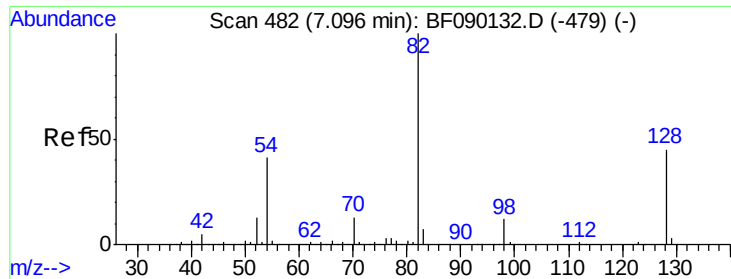
136 100

137 11.0 9.0 13.4

54 6.4 6.4 9.6

68 6.3 6.3 9.5#

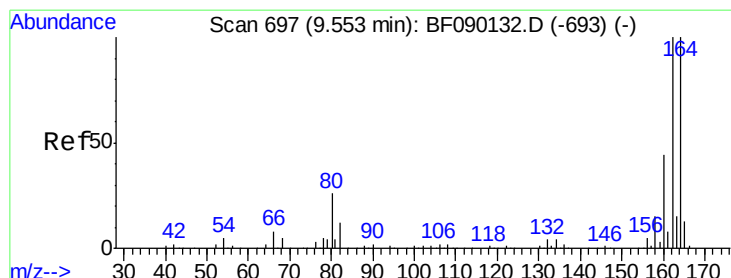
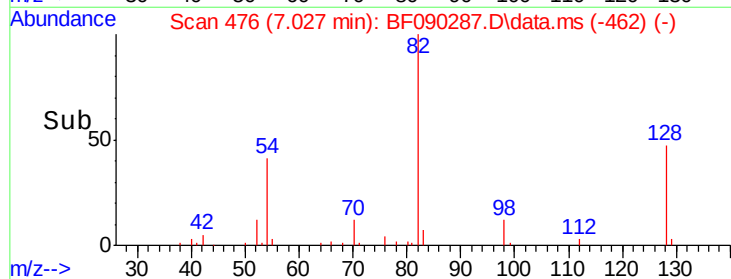
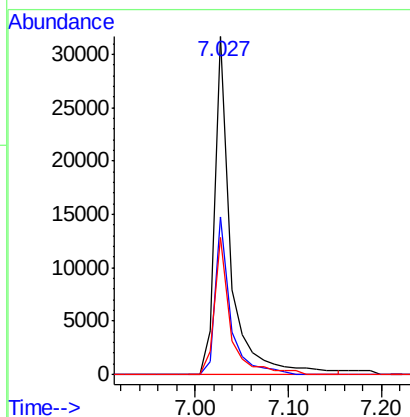
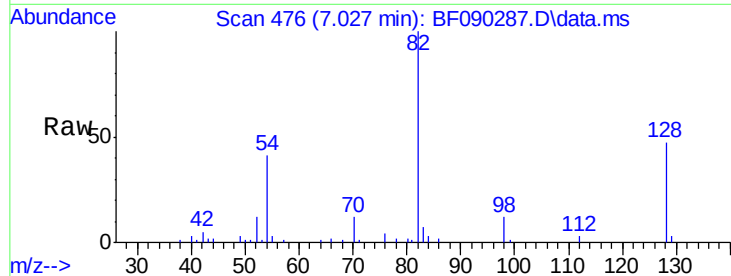




#23
 Nitrobenzene-d5
 Concen: 3.74 ng
 RT: 7.027 min Scan# 47
 Delta R.T. -0.034 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

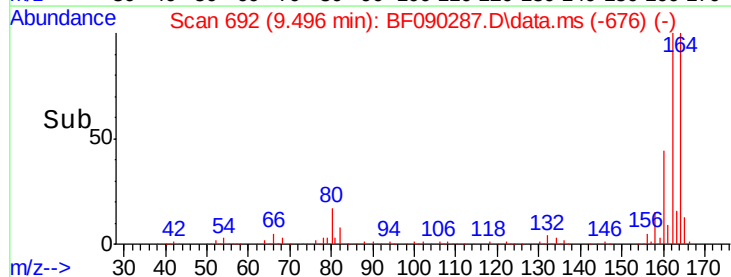
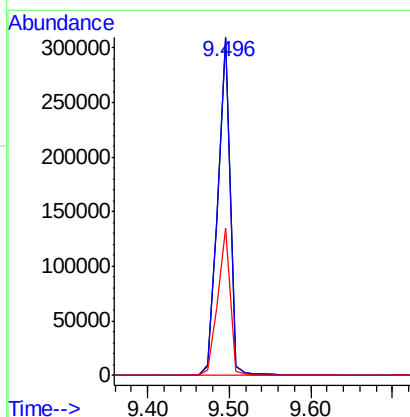
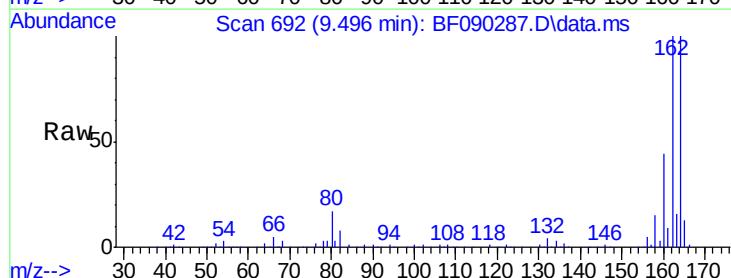
Instrument :
 BNA_F
 ClientSampleId :

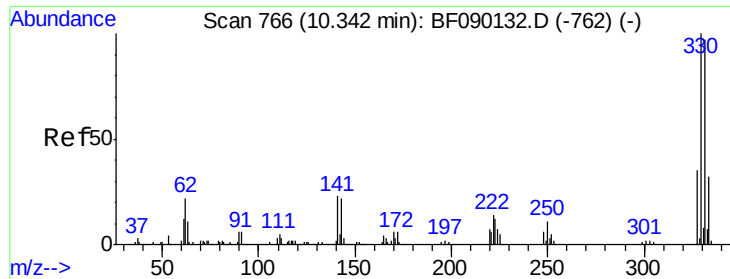
Tot Ion	82	Resp	37721
Ion Ratio	100	Lower	Upper
128	46.8	37.5	56.3
54	40.6	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.496 min Scan# 692
 Delta R.T. -0.011 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Tgt Ion	164	Resp	323601
Ion Ratio	100	Lower	Upper
162	100.4	81.4	122.2
160	44.0	36.6	54.8

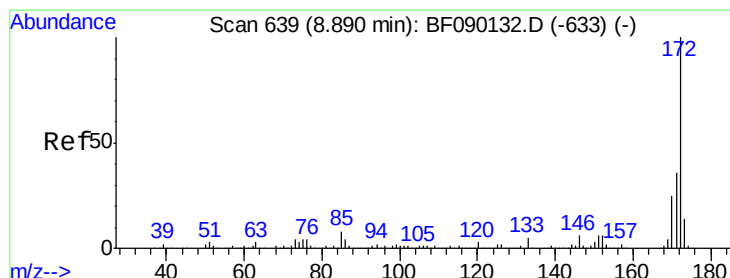
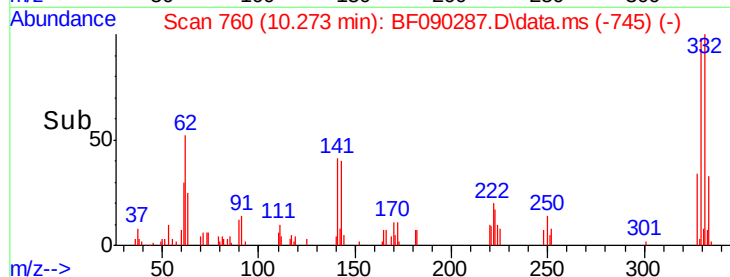
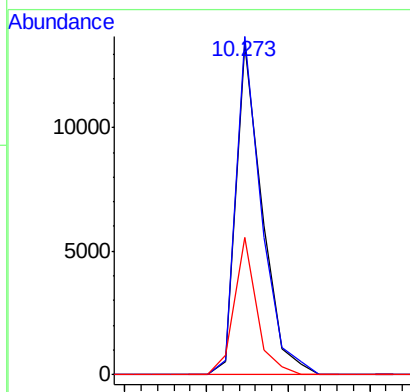
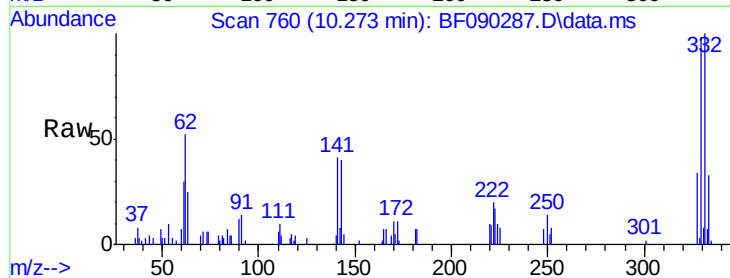




#41
 2,4,6-Tribromophenol
 Concen: 5.29 ng
 RT: 10.273 min Scan# 766
 Delta R.T. -0.023 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

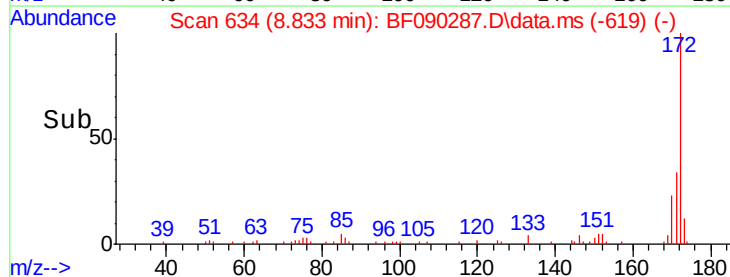
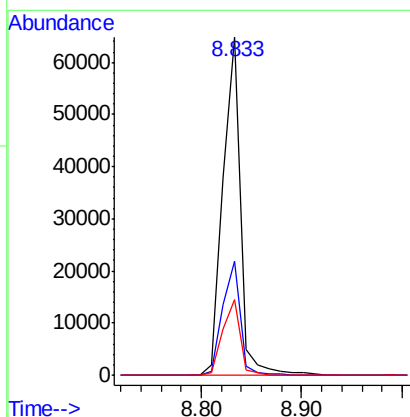
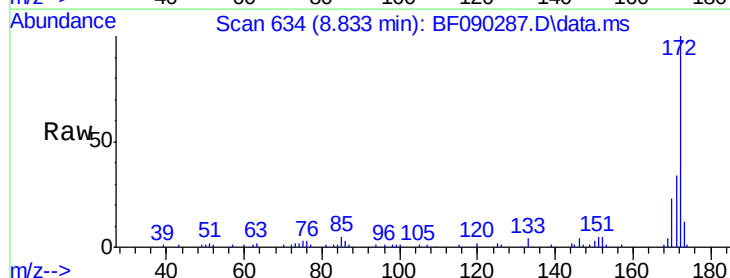
Instrument :
 BNA_F
 ClientSampleId :

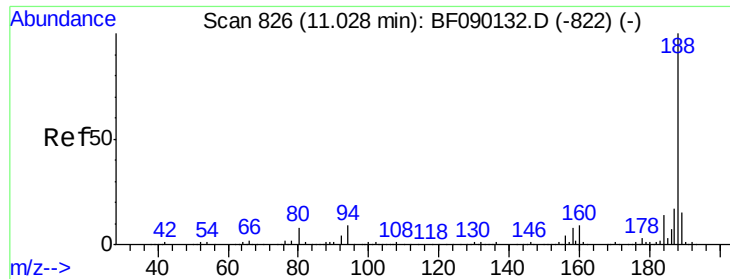
Tot Ion	330	332	141
Resp:	14676		
Ion Ratio	100	100.3	35.8
Lower		78.1	23.9
Upper		117.1	35.9



#44
 2-Fluorobiphenyl
 Concen: 4.79 ng
 RT: 8.833 min Scan# 634
 Delta R.T. -0.023 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Tgt Ion	172	171	170
Resp:	78894		
Ion Ratio	100	33.6	22.6
Lower		29.2	19.8
Upper		43.8	29.8

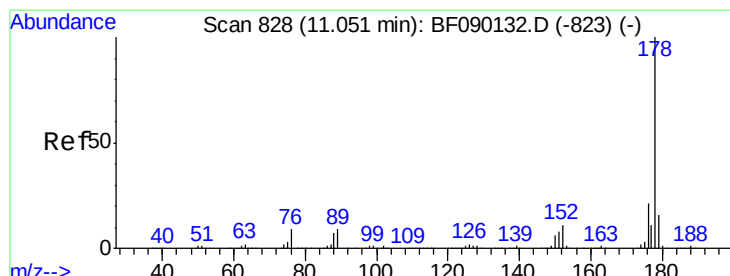
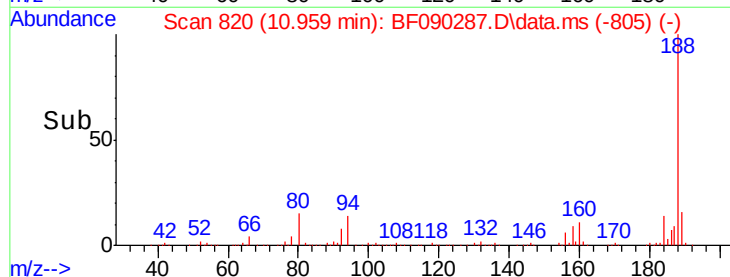
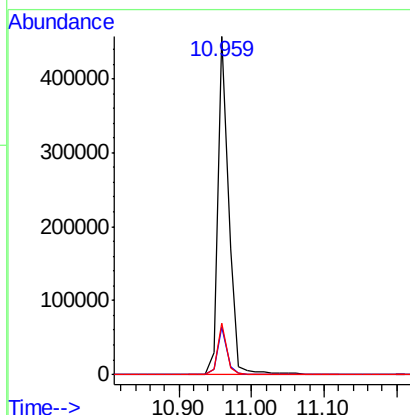
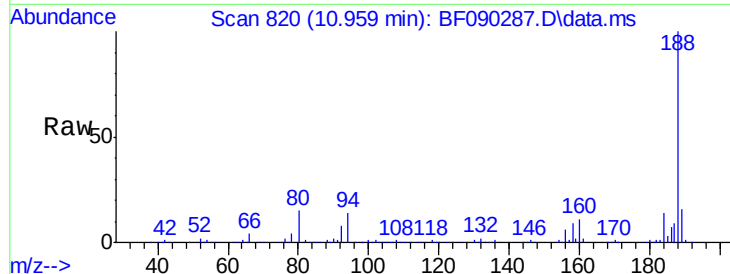




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.959 min Scan# 82
Delta R.T. -0.023 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

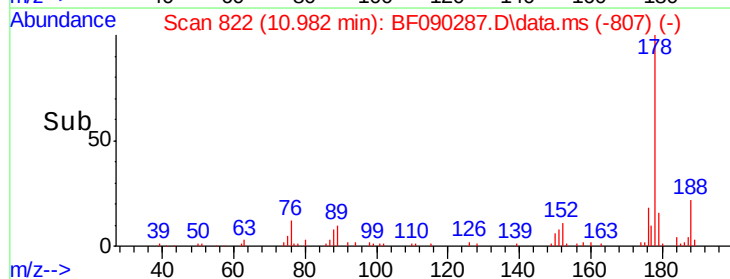
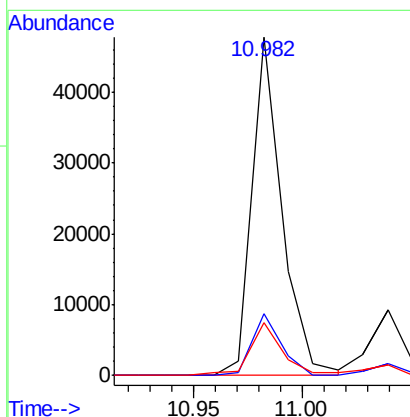
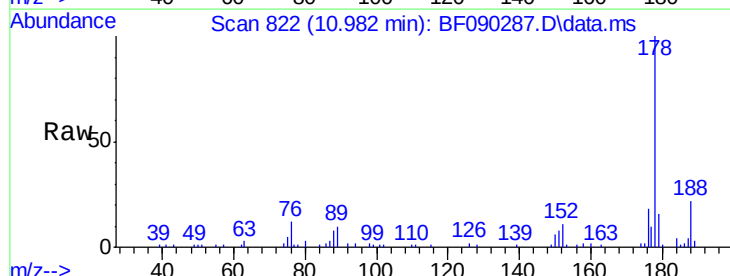
Instrument :
BNA_F
ClientSampled :

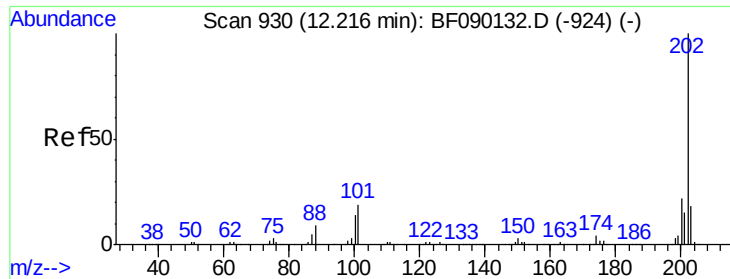
Tot Ion	Ratio	Lower	Upper
188	100		
94	14.1	10.5	15.7
80	15.3	11.2	16.8



#70
Phenanthrene
Concen: 2.07 ng
RT: 10.982 min Scan# 822
Delta R.T. -0.023 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.6	12.9	19.3

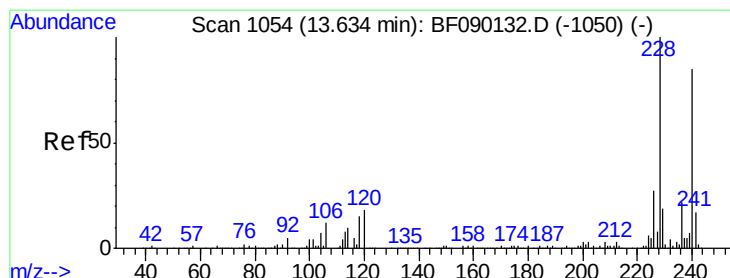
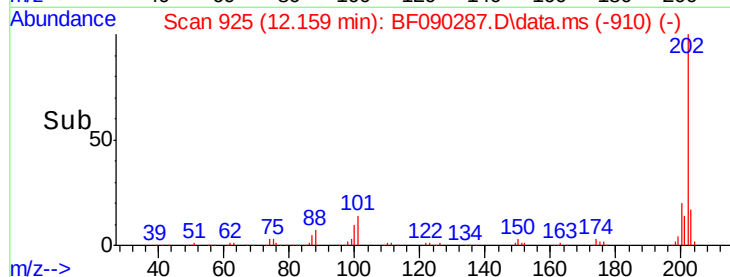
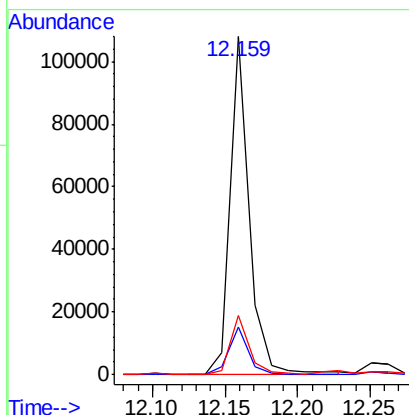
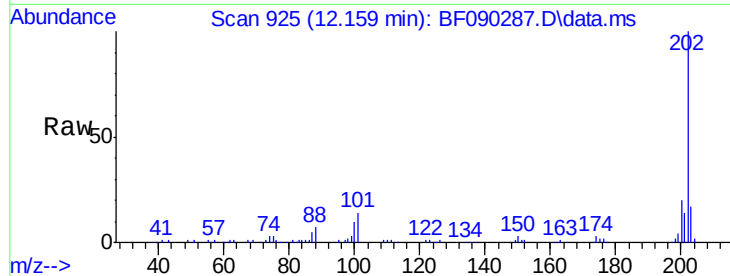




#74
Fluoranthene
Concen: 4.14 ng
RT: 12.159 min Scan# 92
Delta R.T. -0.023 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

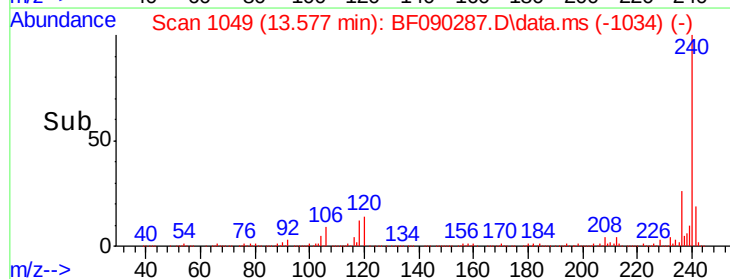
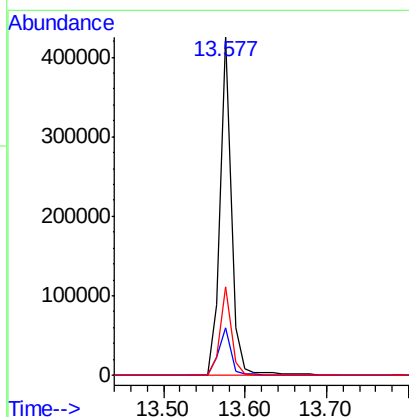
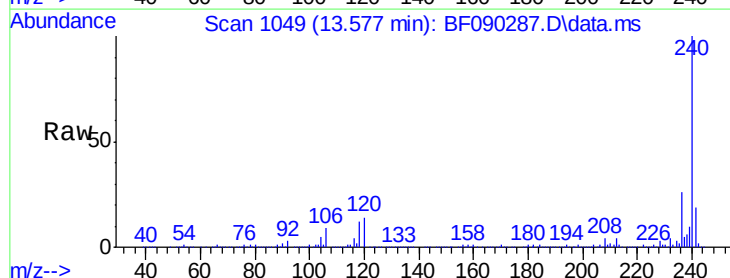
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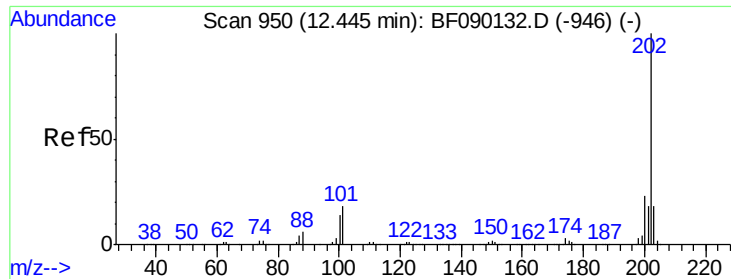
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	36.1
203	17.3	0.0	38.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.577 min Scan# 1049
Delta R.T. -0.023 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.6	16.0
236	26.2	21.6	32.4

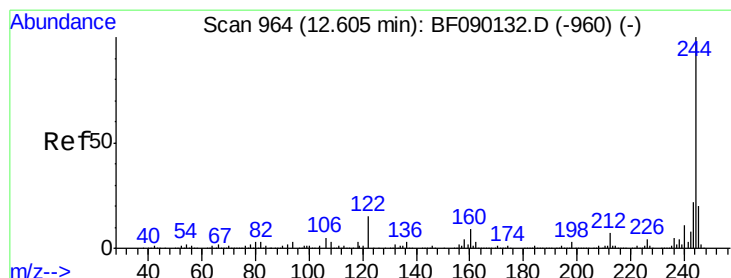
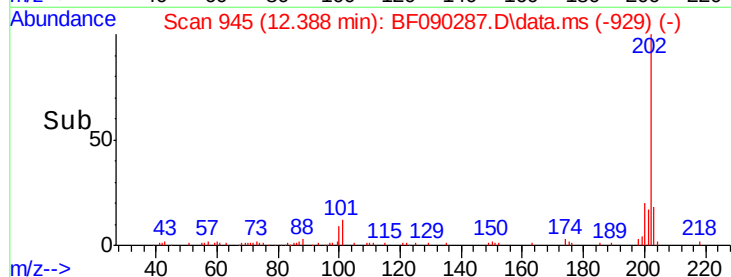
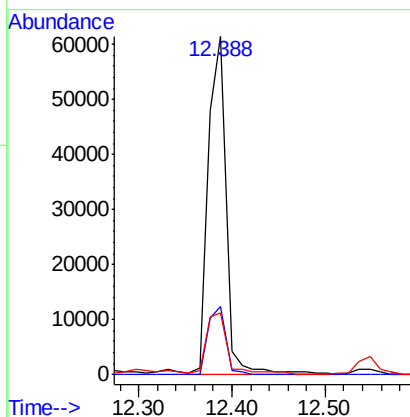
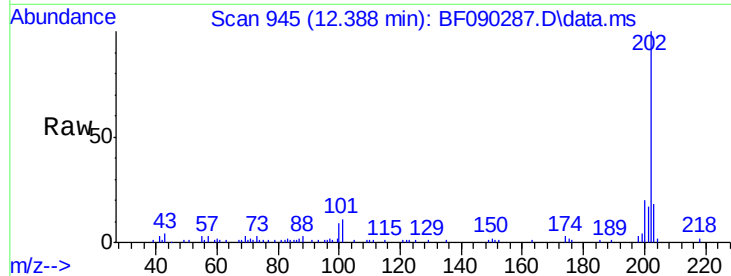




#77
Pvrene
Concen: 2.94 ng
RT: 12.388 min Scan# 94
Delta R.T. -0.011 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

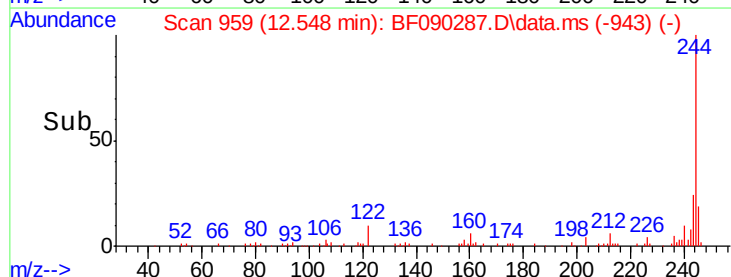
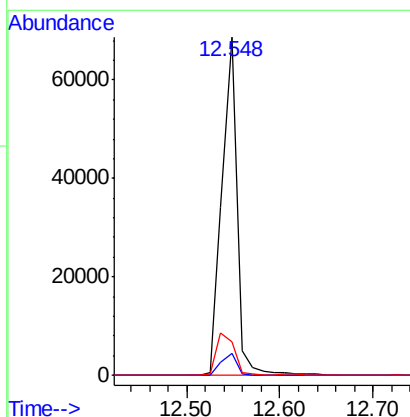
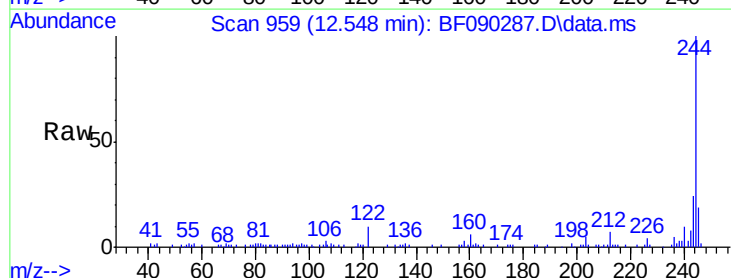
Instrument :
BNA_F
ClientSampleId :

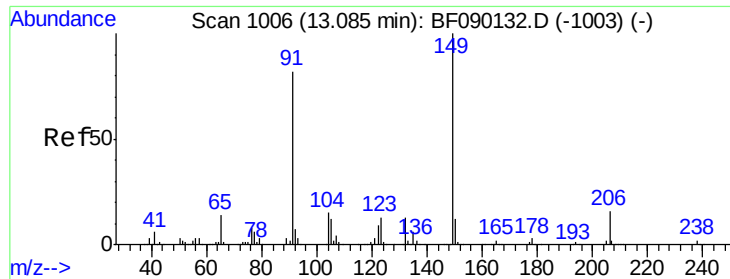
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.9	26.9
203	18.2	14.2	21.4



#78
Terphenyl-d14
Concen: 4.77 ng
RT: 12.548 min Scan# 959
Delta R.T. -0.011 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.9	9.4	14.0

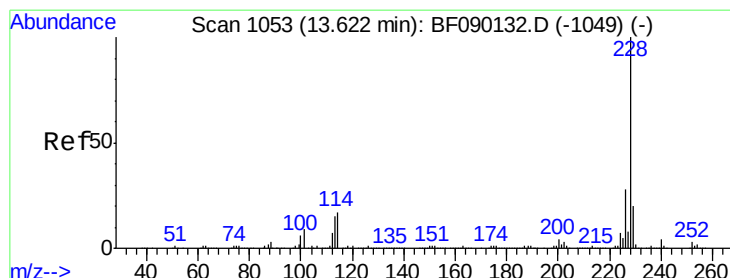
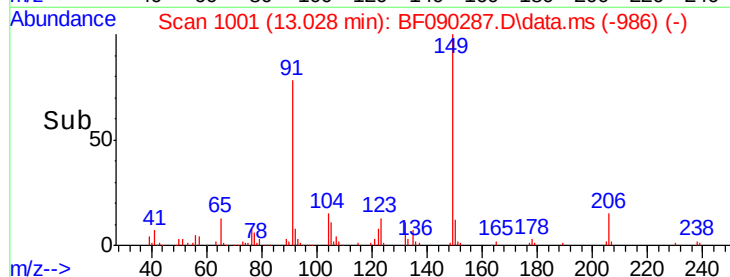
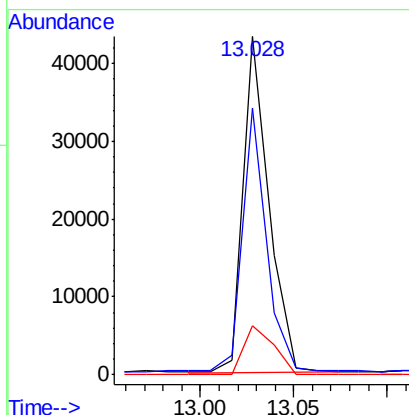
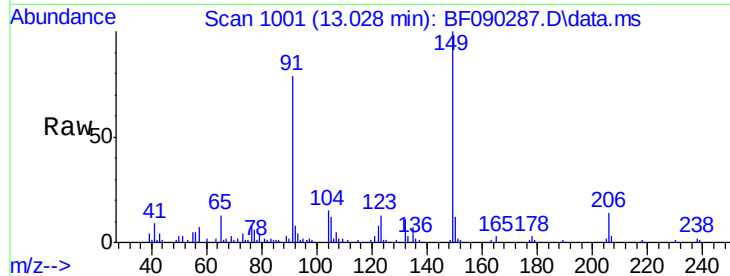




#79
Butylbenzylphthalate
Concen: 3.02 ng
RT: 13.028 min Scan# 1006
Delta R.T. -0.023 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

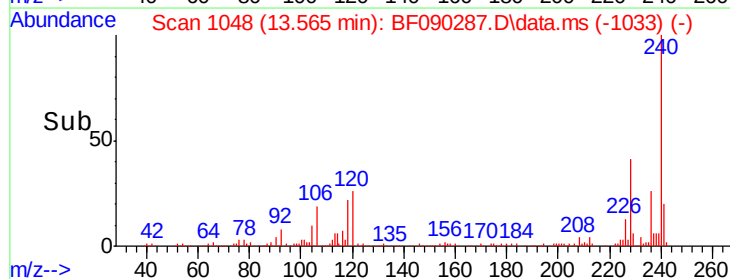
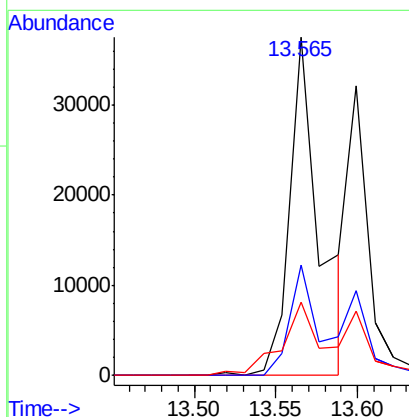
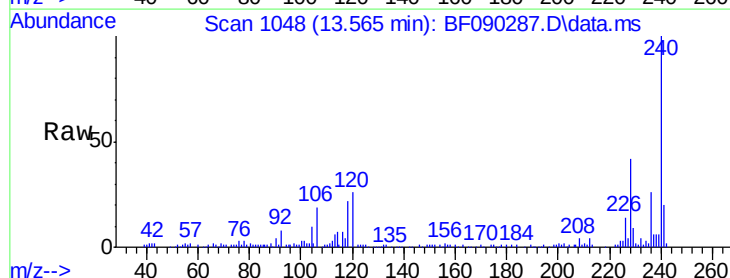
Instrument :
BNA_F
ClientSampleId :

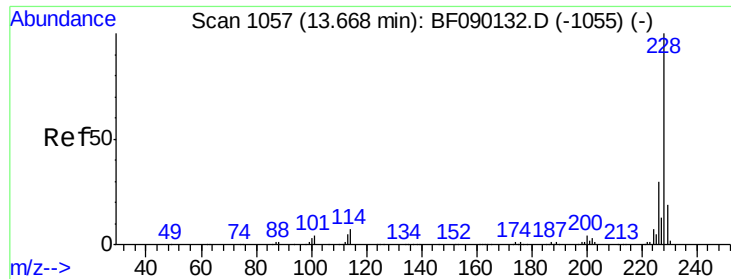
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.7	49.8	74.6#
206	14.4	16.3	24.5#



#80
Benzo(a)anthracene
Concen: 2.18 ng
RT: 13.565 min Scan# 1048
Delta R.T. -0.023 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.0	33.0
229	21.6	16.2	24.2





#82

Chrysene

Concen: 2.24 ng

RT: 13.565 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

Instrument :

BNA_F

ClientSampleId :

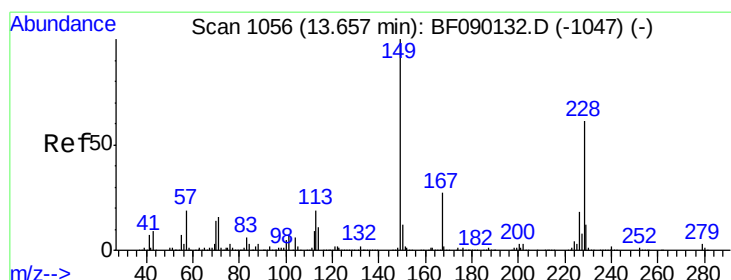
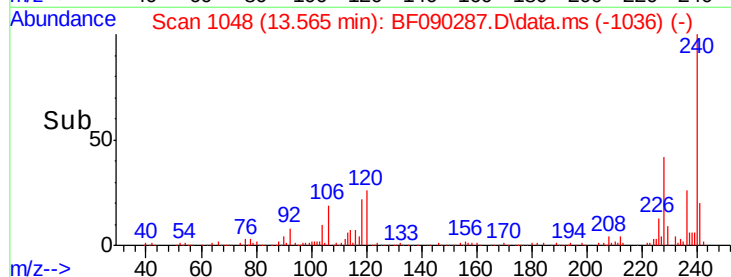
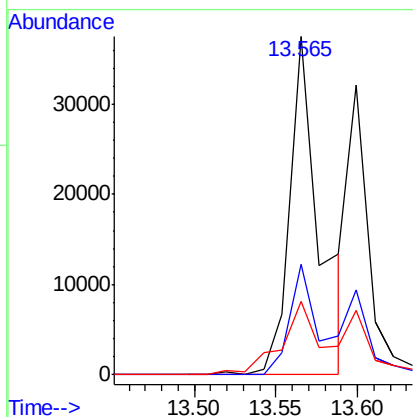
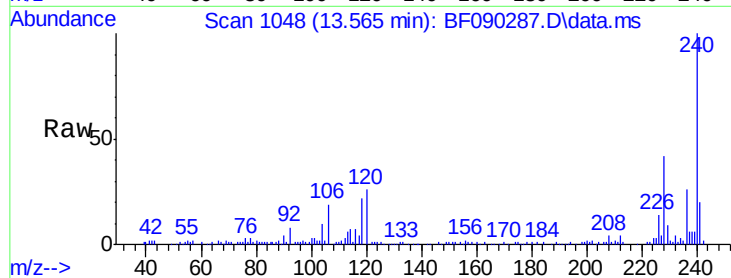
Tot Ion:228 Resp: 48536

Ion Ratio Lower Upper

228 100

226 32.6 24.6 37.0

229 21.6 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 74.56 ng

RT: 13.611 min Scan# 1052

Delta R.T. -0.000 min

Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

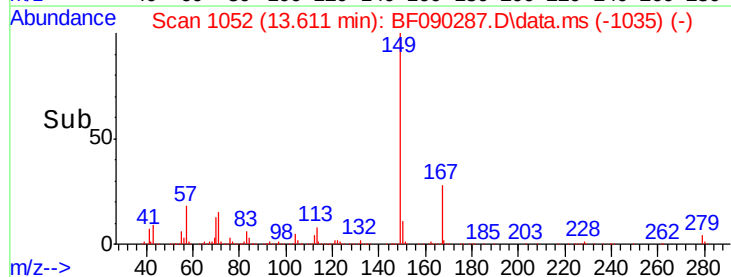
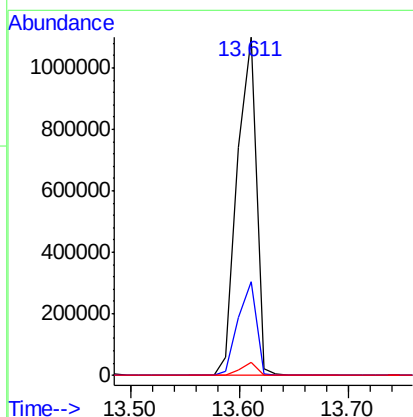
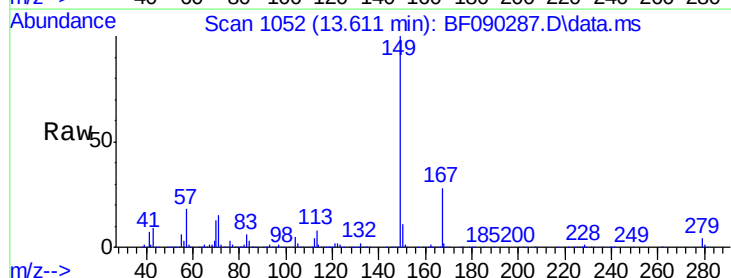
Tgt Ion:149 Resp: 1319057

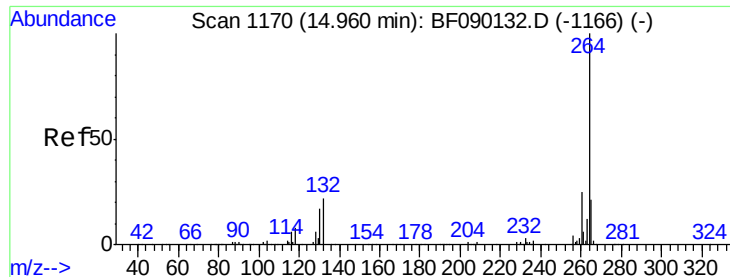
Ion Ratio Lower Upper

149 100

167 27.5 21.2 31.8

279 3.9 2.2 3.2#

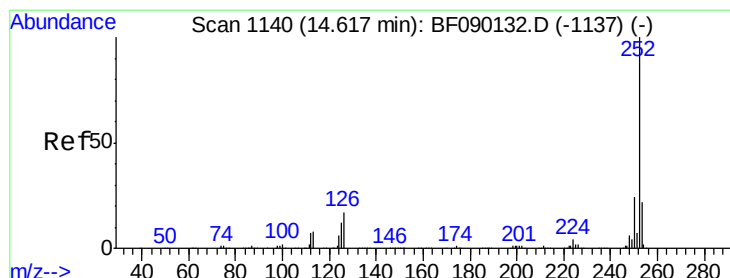
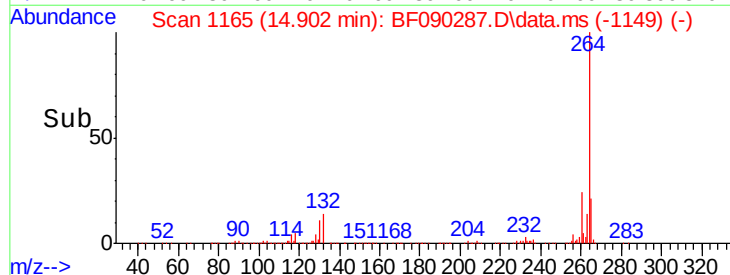
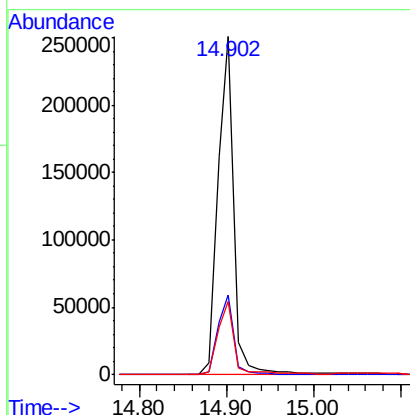
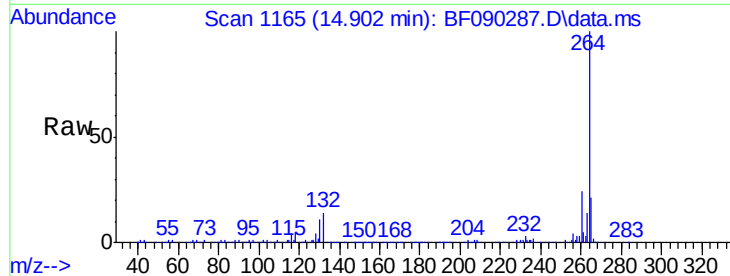




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.902 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

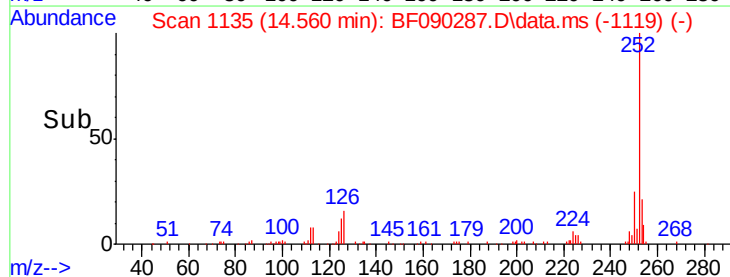
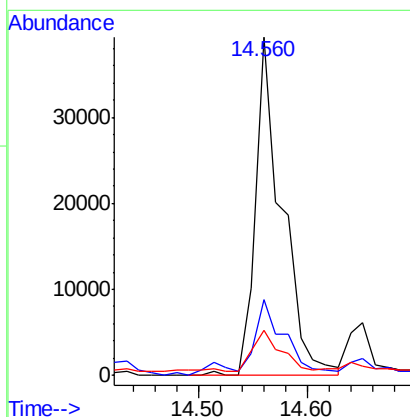
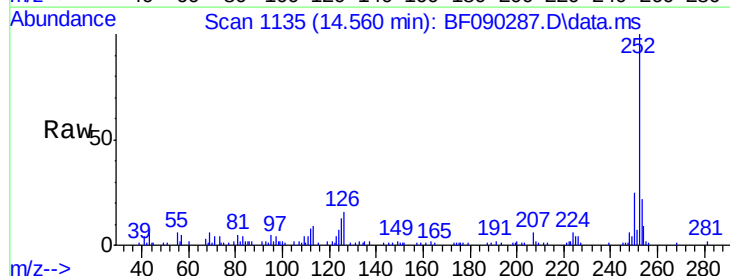
Instrument :
BNA_F
ClientSampleId :

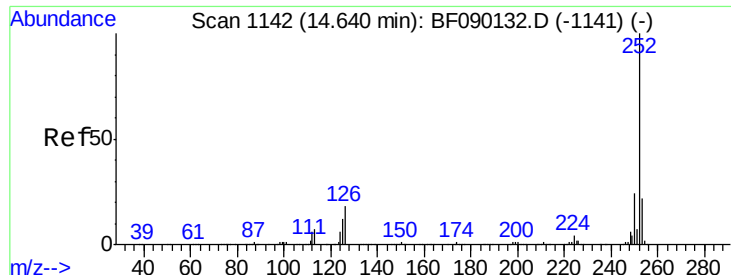
Tot Ion:	264	Resp:	321085
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.5	29.3
265	21.4	17.0	25.4



#87
Benzo(b)fluoranthene
Concen: 3.73 ng
RT: 14.560 min Scan# 1135
Delta R.T. -0.011 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Tgt Ion:	252	Resp:	66370
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	13.1	12.7	19.1





#88

Benzo(k)fluoranthene

Concen: 3.98 ng

RT: 14.560 min Scan# 11

Delta R.T. -0.034 min

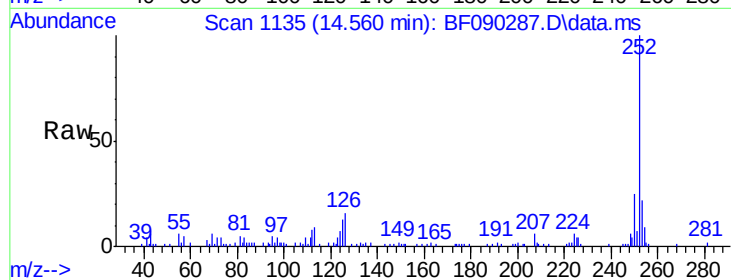
Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	66370
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	13.1	7.8	11.6

