

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085489.D
 Acq On : 17 Mar 2016 4:20
 Operator : UM/SJ
 Sample : H1803-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-01

Quant Time: Mar 17 04:00:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	125813	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	518478	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	221097	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	357534	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	244289	20.00	ng	-0.02
86) Perylene-d12	15.51	264	266639	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	15697	2.14	ng	-0.01
7) Phenol-d6	6.52	99	22282	2.35	ng	-0.03
23) Nitrobenzene-d5	7.46	82	12134	1.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	2977	1.46	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	26973	2.12	ng	-0.02
78) Terphenyl-d14	13.01	244	16012	1.48	ng	-0.02

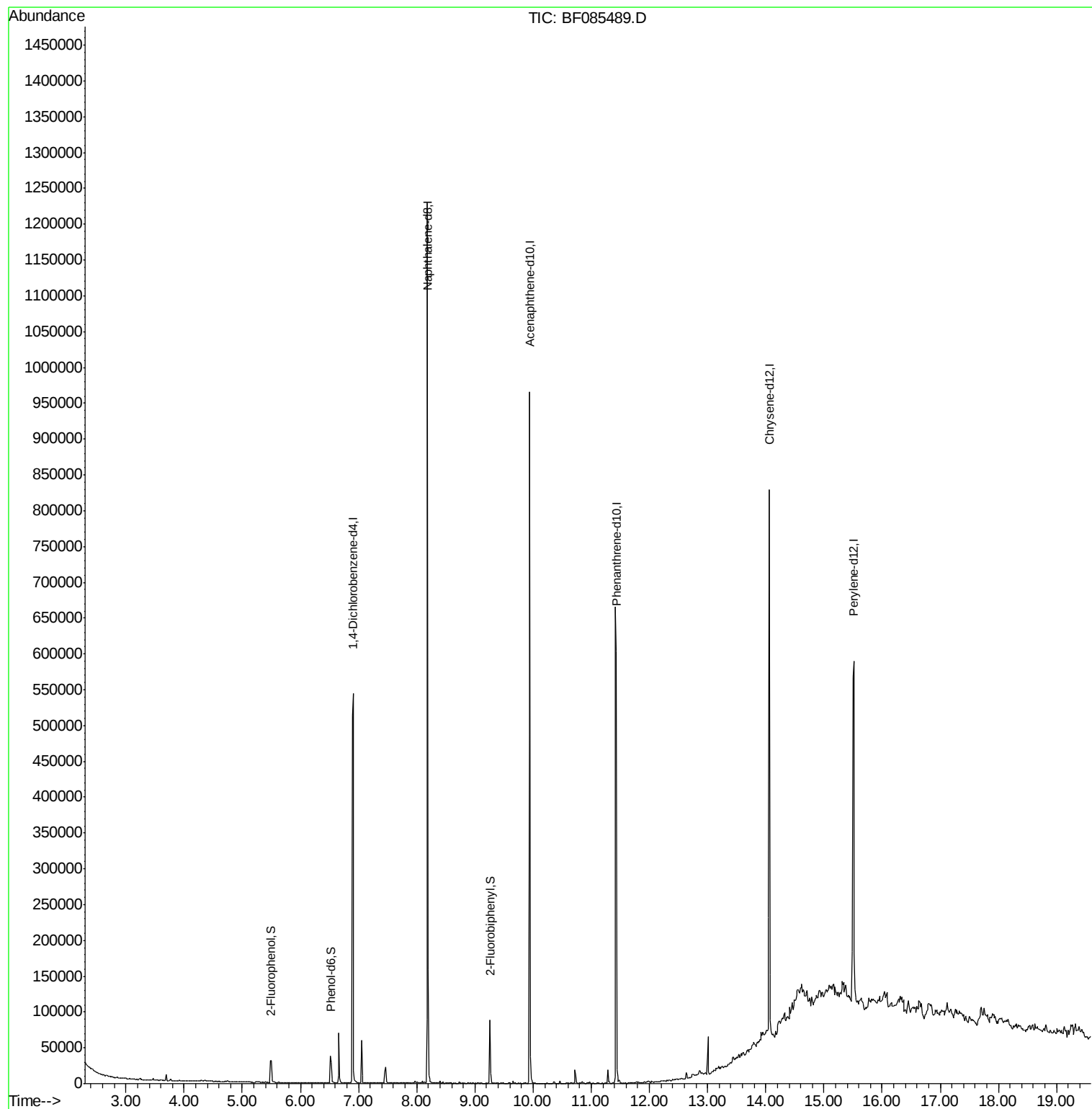
Target Compounds Qvalue

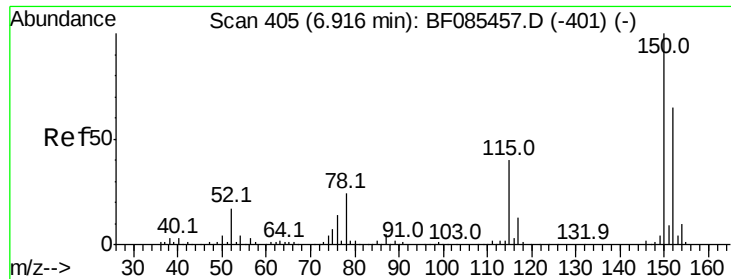
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085489.D

Acq: 17 Mar 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SP-01

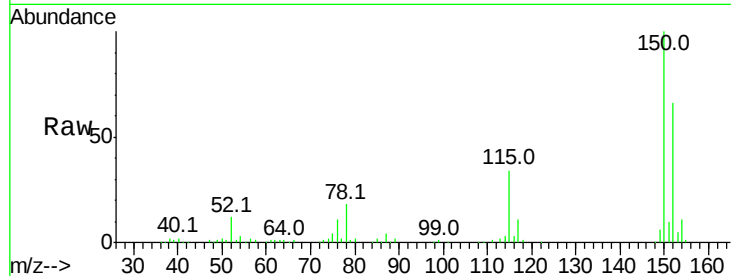
Tot Ion:152 Resp: 125813

Ion Ratio Lower Upper

152 100

150 152.5 124.6 186.8

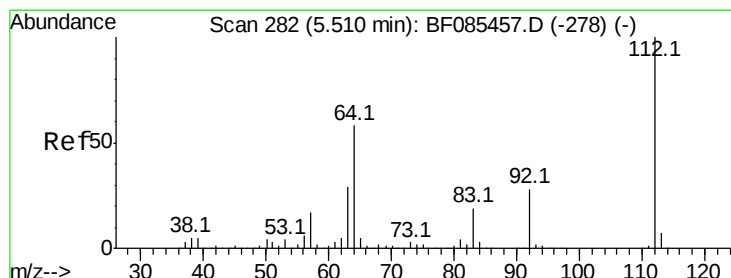
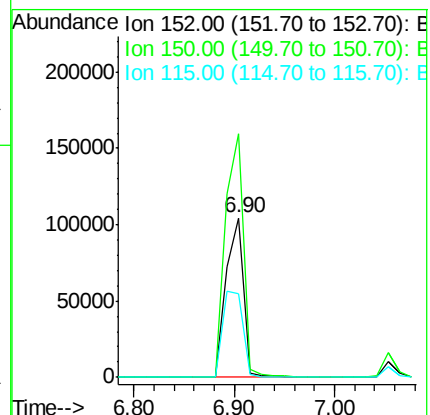
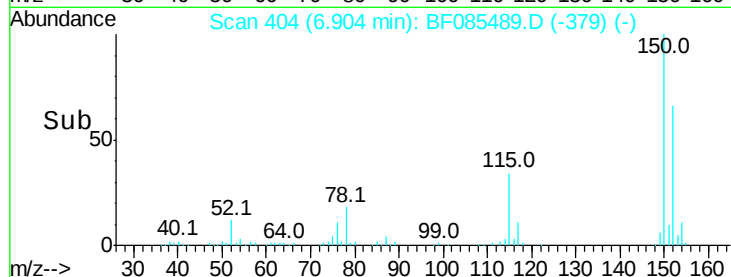
115 52.6 46.6 70.0



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: 2.14 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085489.D

Acq: 17 Mar 2016 4:20

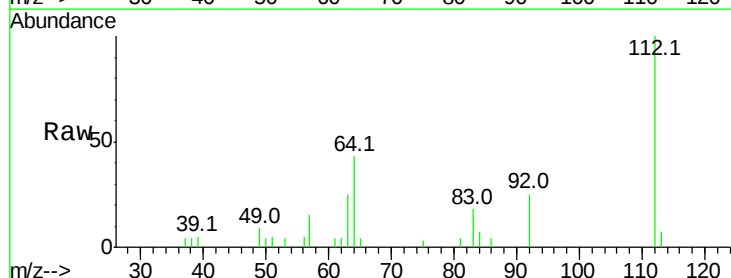
Tgt Ion:112 Resp: 15697

Ion Ratio Lower Upper

112 100

64 43.4 49.0 73.4#

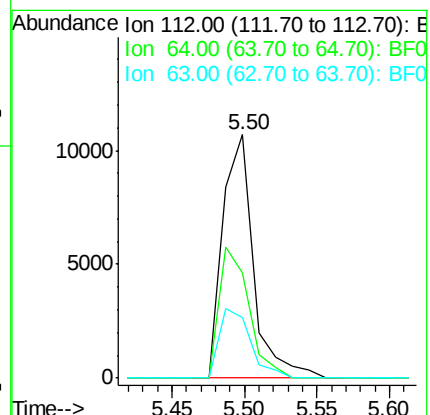
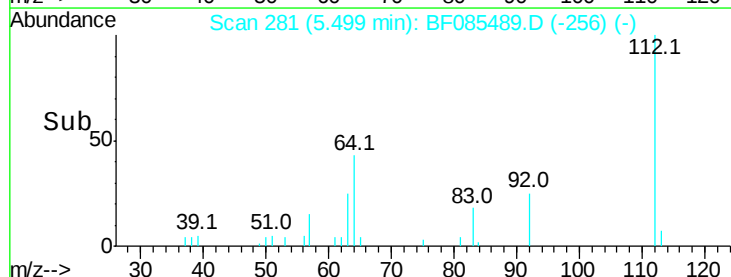
63 25.0 24.8 37.2

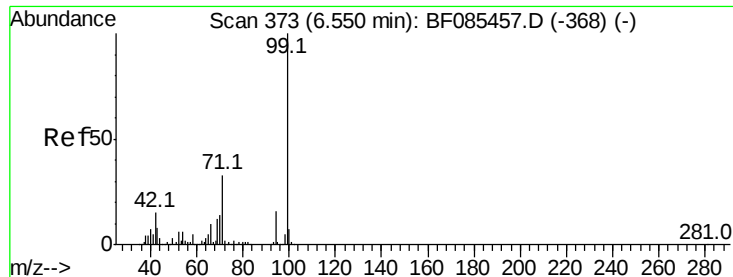


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.35 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085489.D

Acq: 17 Mar 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SP-01

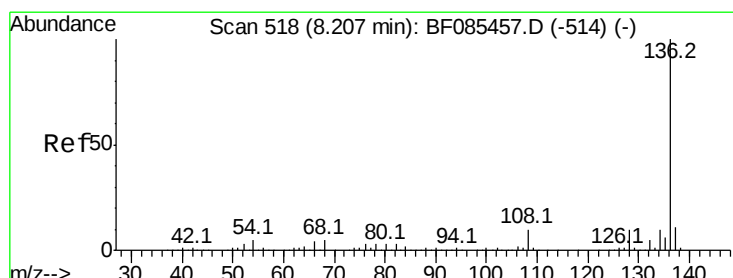
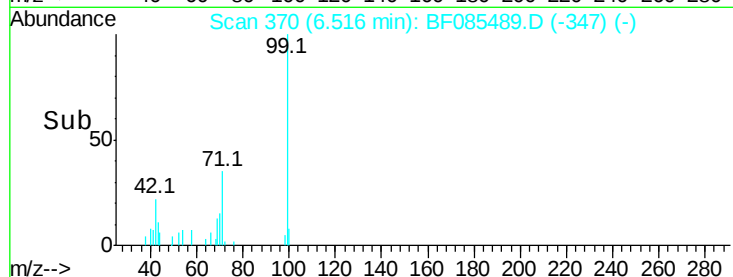
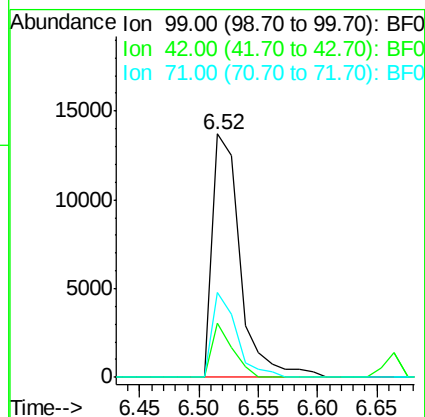
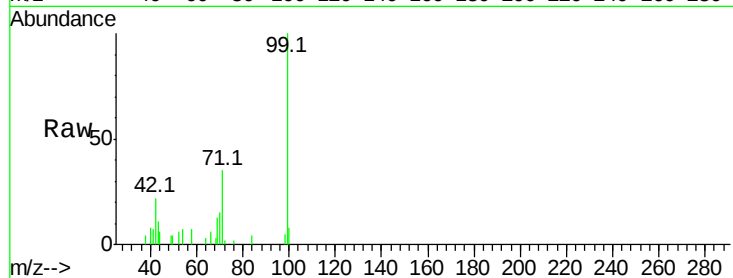
Tot Ion: 99 Resp: 22282

Ion Ratio Lower Upper

99 100

42 22.3 13.6 20.4#

71 35.1 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085489.D

Acq: 17 Mar 2016 4:20

Tgt Ion: 136 Resp: 518478

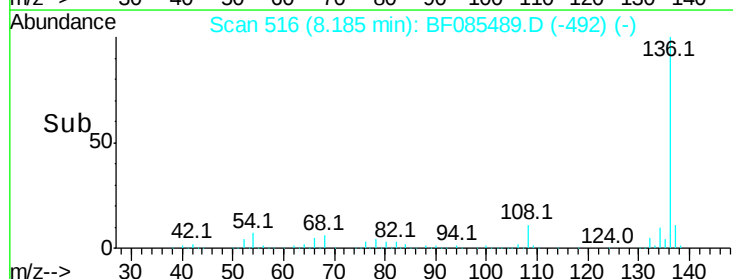
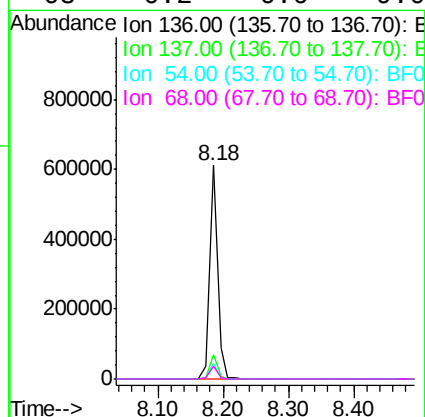
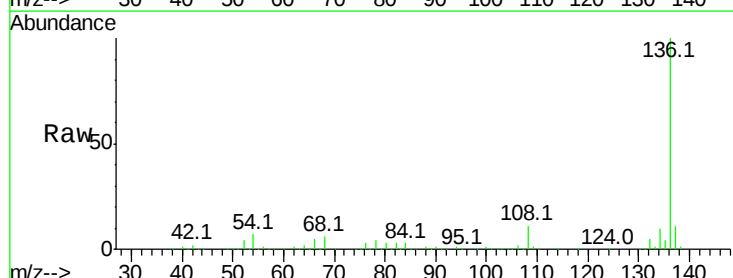
Ion Ratio Lower Upper

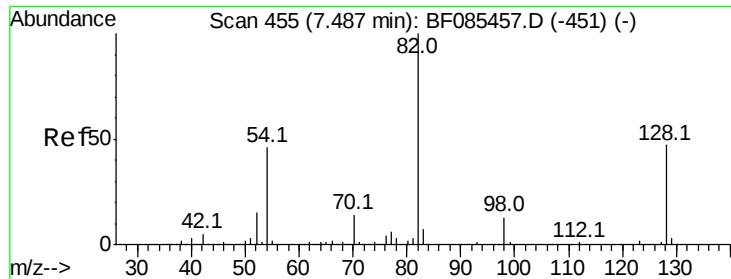
136 100

137 11.3 9.3 13.9

54 7.4 7.4 11.2#

68 6.2 6.0 9.0

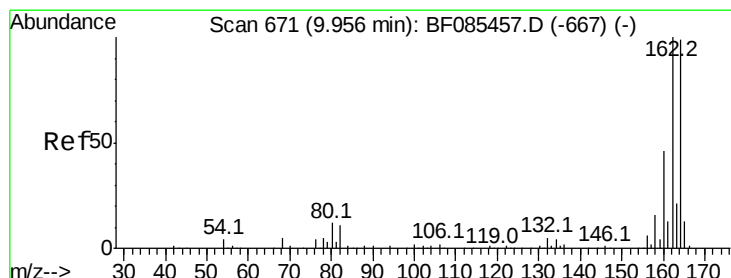
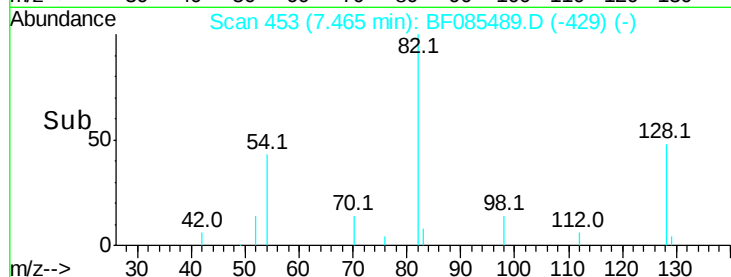
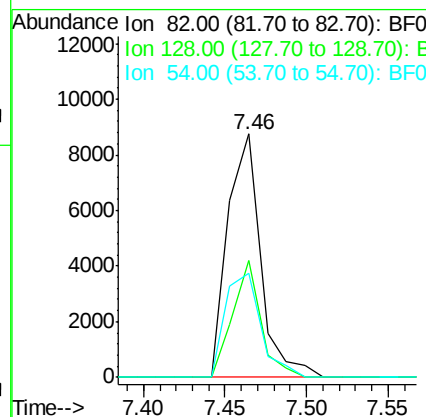
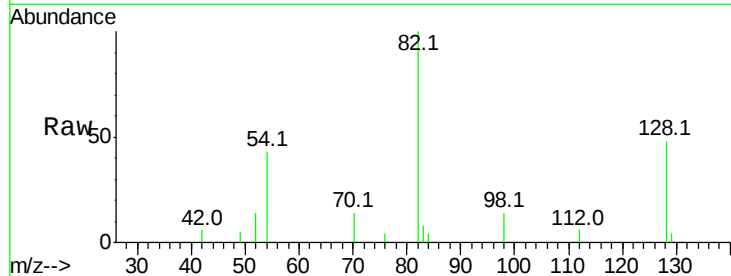




#23
 Nitrobenzene-d5
 Concen: 1.38 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085489.D
 Acq: 17 Mar 2016 4:20

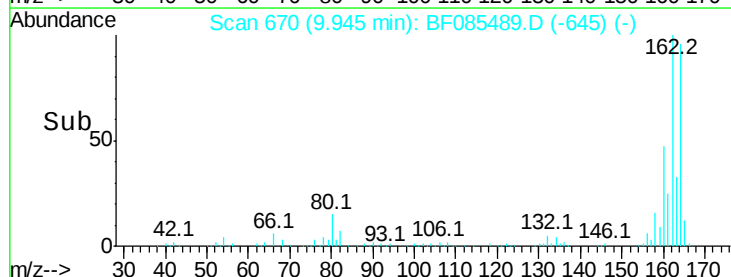
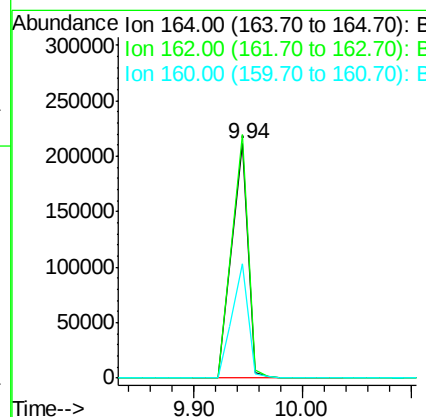
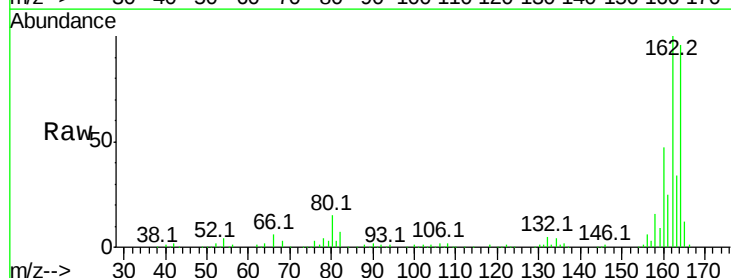
Instrument :
 BNA_F
 ClientSampleId :
 SP-01

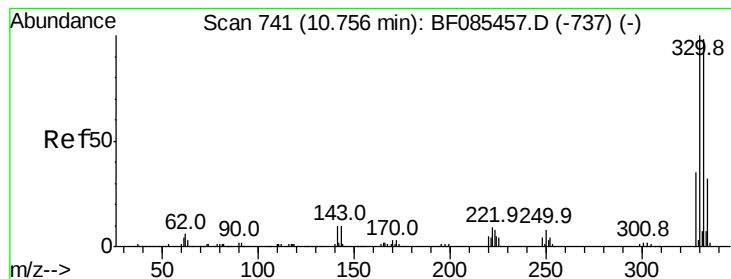
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.5	51.7
54	42.8	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085489.D
 Acq: 17 Mar 2016 4:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.3	124.9
160	48.7	37.9	56.9





#41

2,4,6-Tribromophenol

Concen: 1.46 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085489.D

Acq: 17 Mar 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SP-01

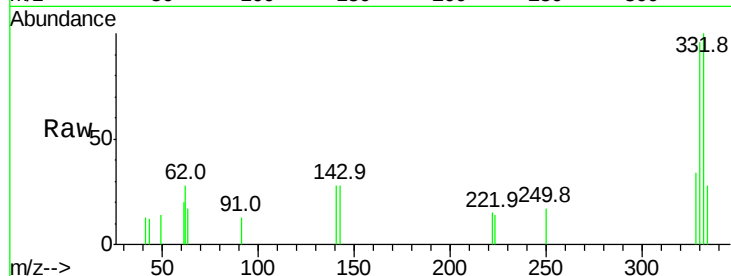
Tot Ion:330 Resp: 2977

Ion Ratio Lower Upper

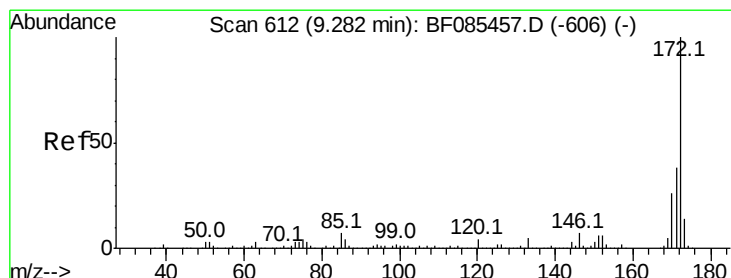
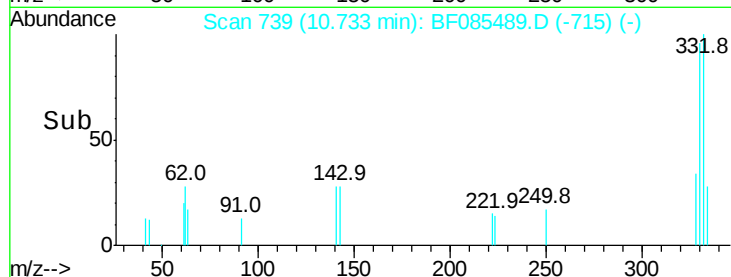
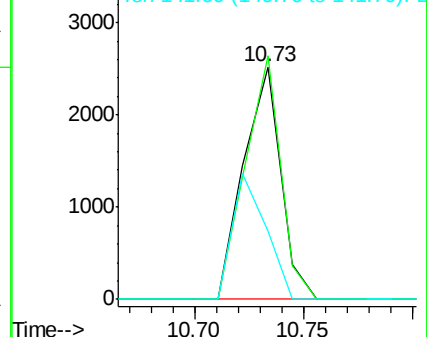
330 100

332 99.9 77.1 115.7

141 48.3 35.0 52.6



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



#44

2-Fluorobiphenyl

Concen: 2.12 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF085489.D

Acq: 17 Mar 2016 4:20

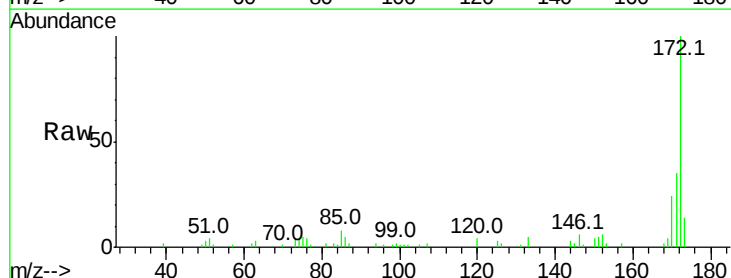
Tgt Ion:172 Resp: 26973

Ion Ratio Lower Upper

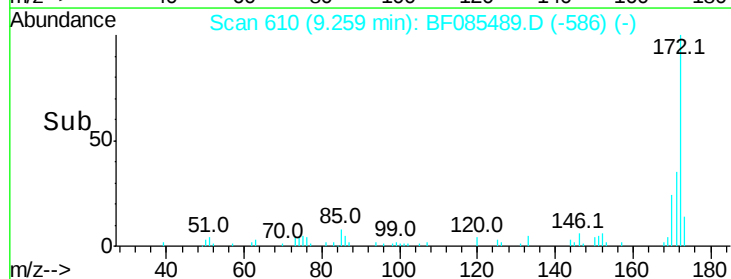
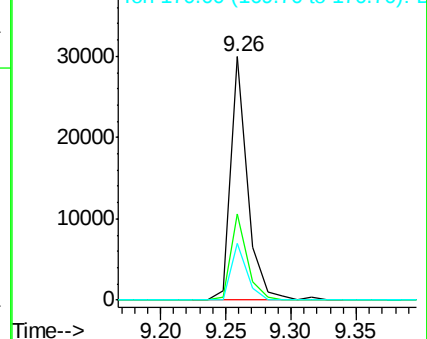
172 100

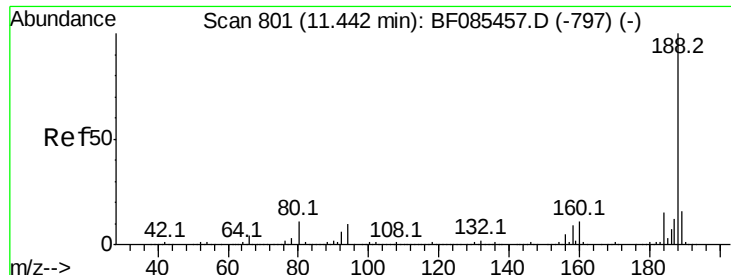
171 35.2 29.3 43.9

170 23.5 20.0 30.0



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

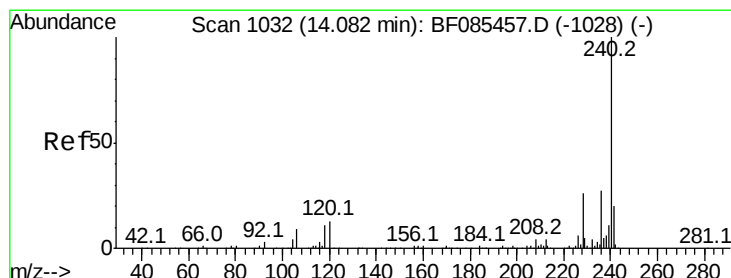
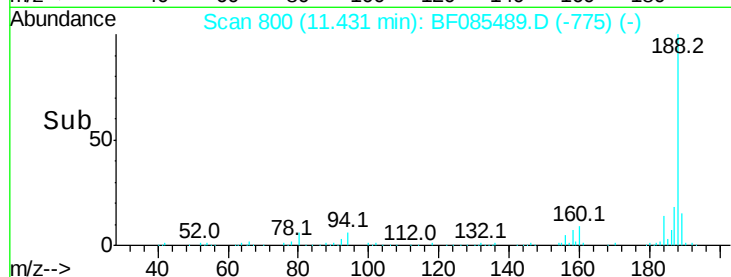
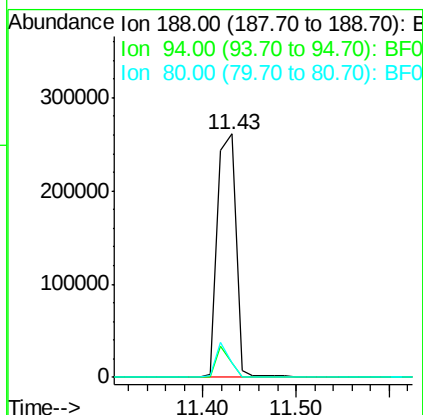
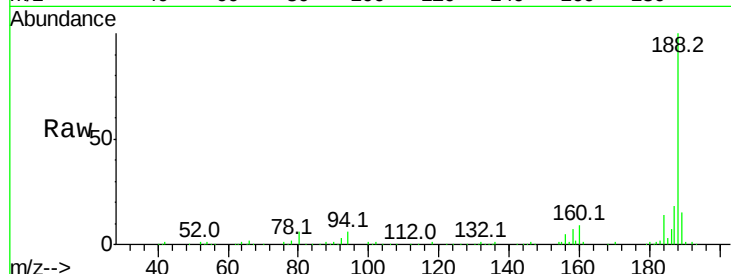




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085489.D
Acq: 17 Mar 2016 4:20

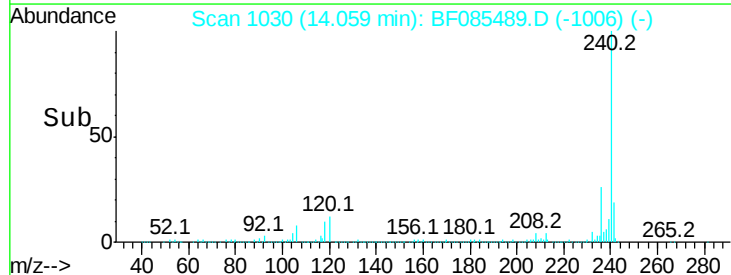
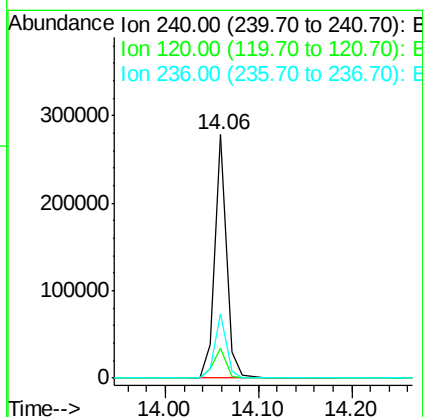
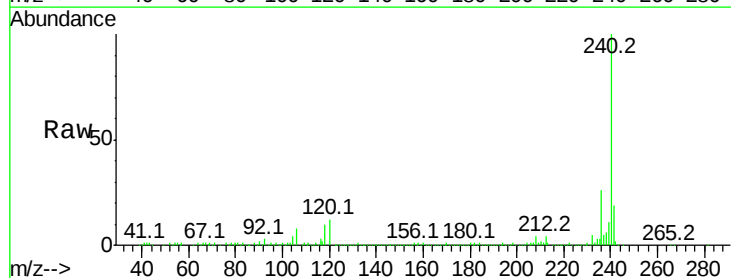
Instrument :
BNA_F
ClientSampleId :
SP-01

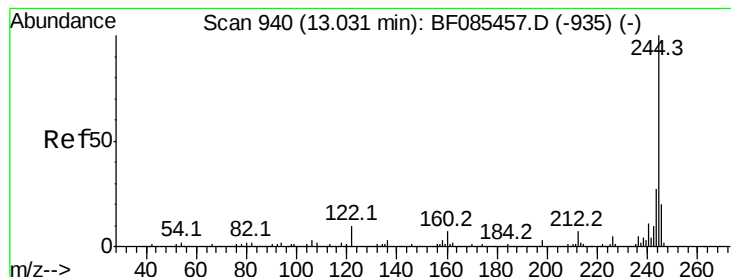
Tot Ion:188 Resp: 357534
Ion Ratio Lower Upper
188 100
94 5.8 7.0 10.6#
80 5.9 7.4 11.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF085489.D
Acq: 17 Mar 2016 4:20

Tgt Ion:240 Resp: 244289
Ion Ratio Lower Upper
240 100
120 12.3 5.3 7.9#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 1.48 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085489.D

Acq: 17 Mar 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SP-01

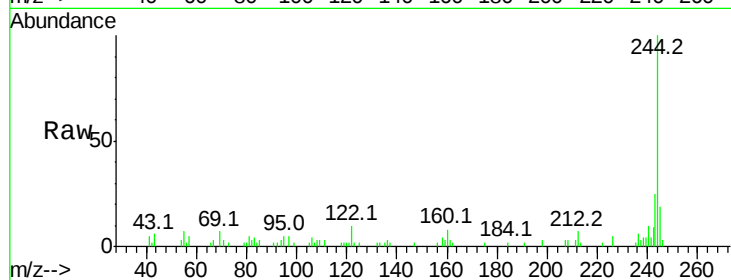
Tot Ion:244 Resp: 16012

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

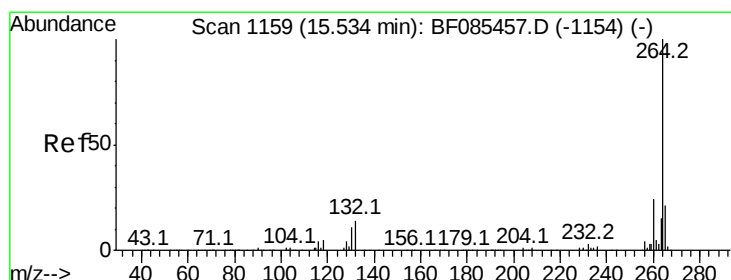
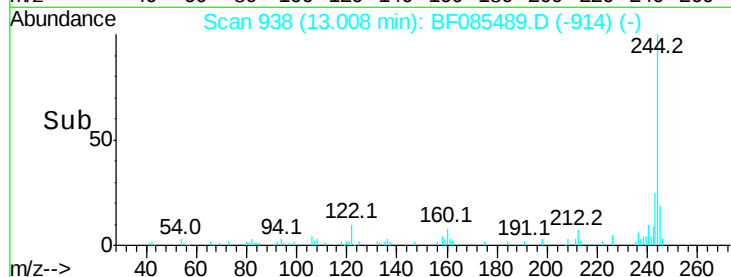
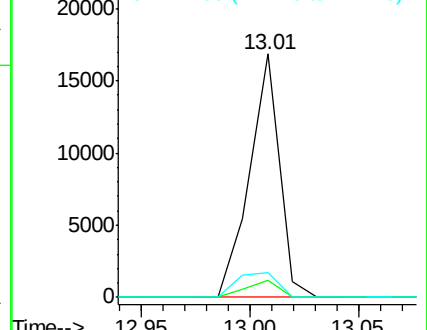
122 10.3 11.4 17.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF085489.D

Acq: 17 Mar 2016 4:20

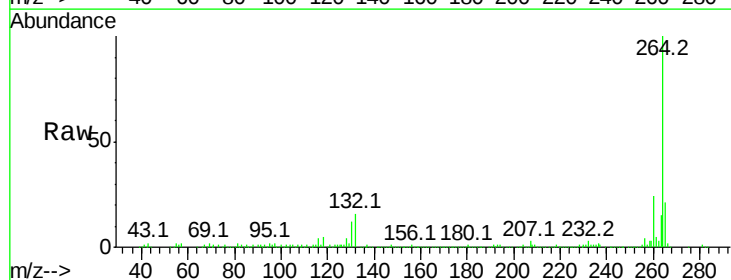
Tgt Ion:264 Resp: 266639

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 17.3 25.9



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

