

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077472.D
 Acq On : 26 Feb 2015 18:34
 Operator : TP/IZ
 Sample : PB81898BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81898BL

Quant Time: Feb 27 03:15:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 17:14:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	59274	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	240616	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	118376	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	240246	20.00	ng	0.00
75) Chrysene-d12	16.16	240	270349	20.00	ng	-0.02
86) Perylene-d12	17.93	264	265562	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	449289	126.54	ng	0.00
7) Phenol-d6	6.82	99	521973	114.34	ng	-0.01
23) Nitrobenzene-d5	7.96	82	322316	83.30	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	148297	130.11	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	725000	95.50	ng	0.00
78) Terphenyl-d14	14.85	244	903958	78.17	ng	-0.01

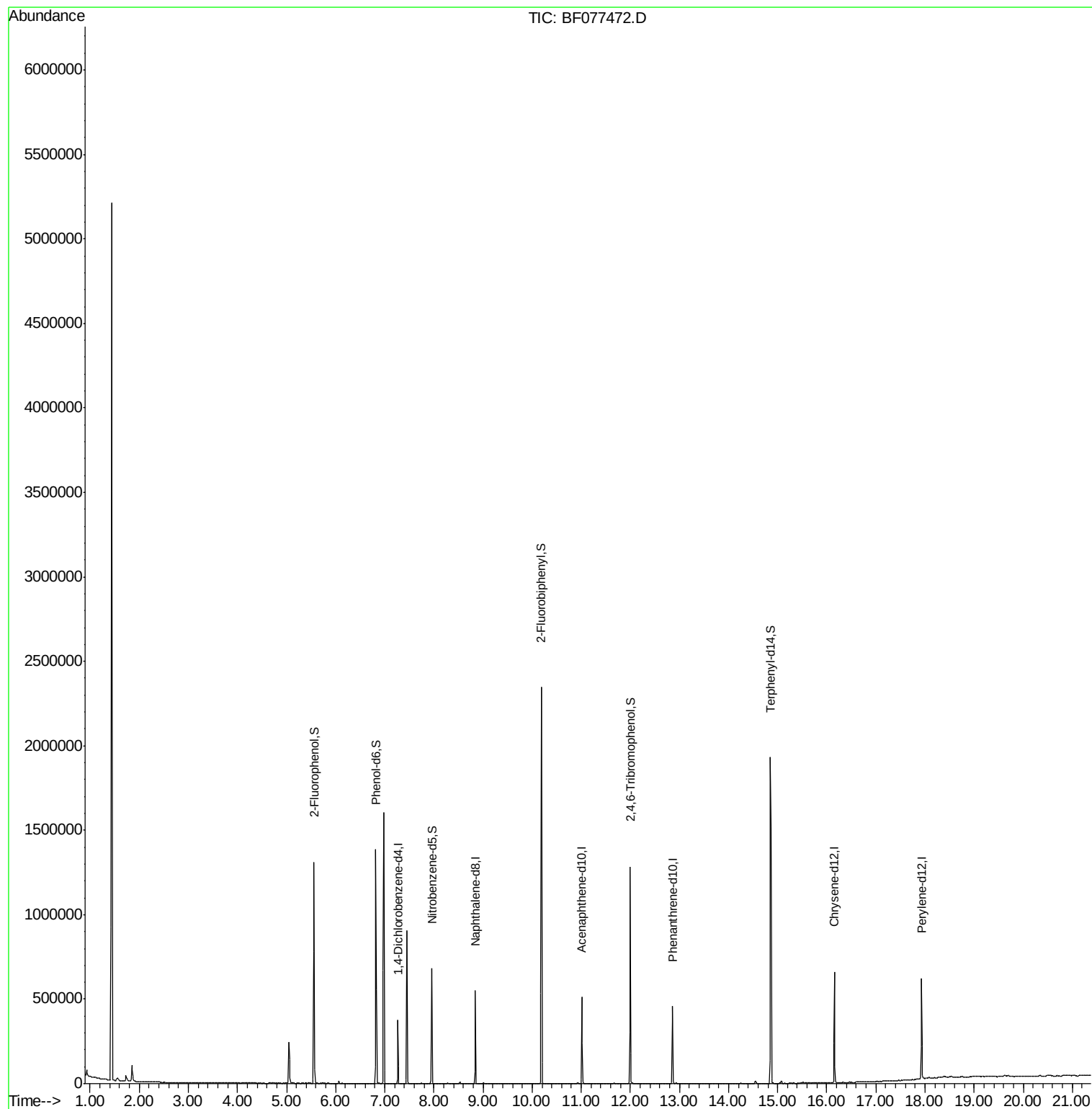
Target Compounds	Qvalue
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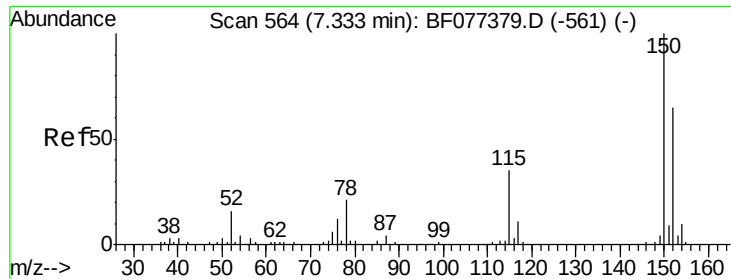
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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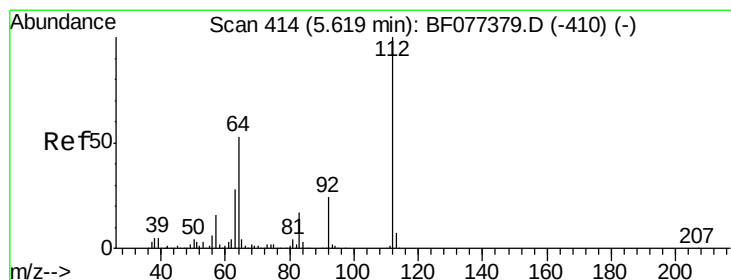
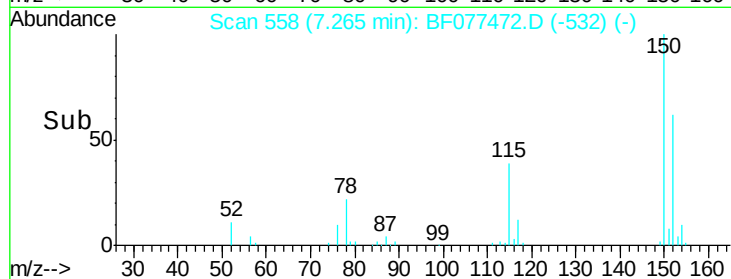
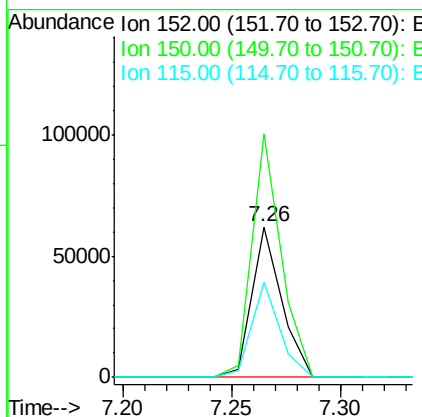
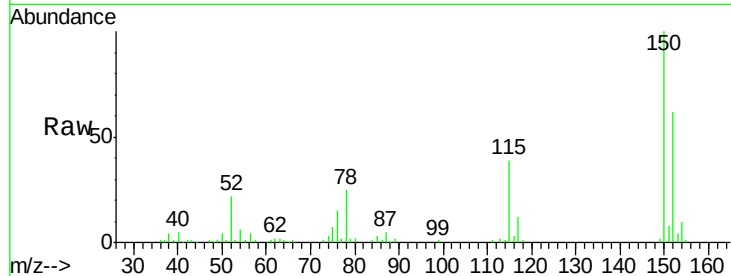


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077472.D
Acq: 26 Feb 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB81898BL

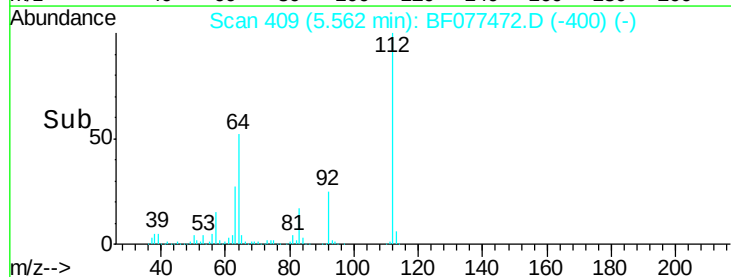
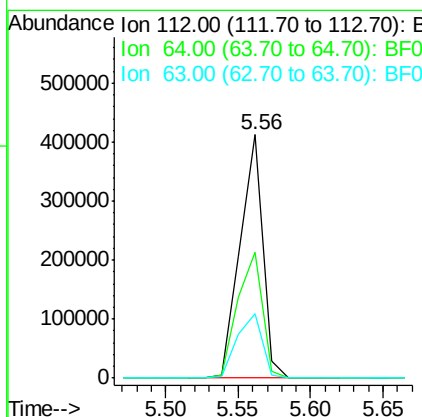
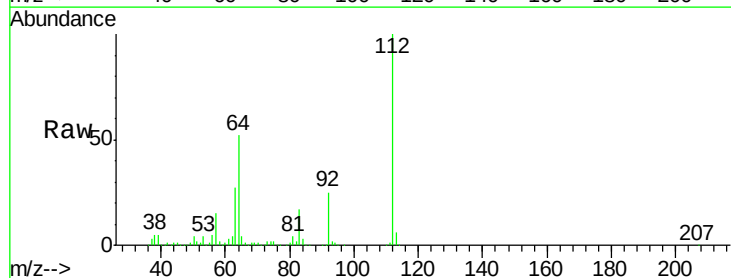
Tgt Ion:152 Resp: 59274
Ion Ratio Lower Upper
152 100
150 161.9 124.0 186.0
115 63.1 49.4 74.2

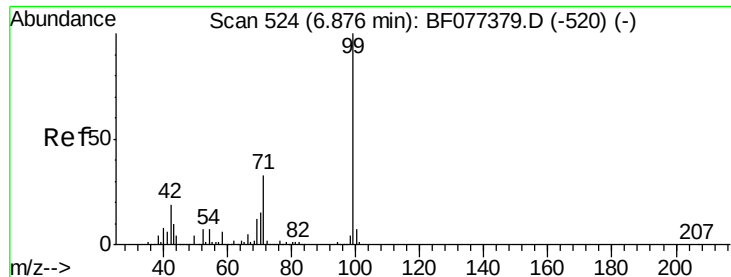


#5

2-Fluorophenol
Concen: 126.54 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF077472.D
Acq: 26 Feb 2015 18:34

Tgt Ion:112 Resp: 449289
Ion Ratio Lower Upper
112 100
64 51.8 48.5 72.7
63 26.5 25.0 37.4





#7

Phenol-d6

Concen: 114.34 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF077472.D

Acq: 26 Feb 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB81898BL

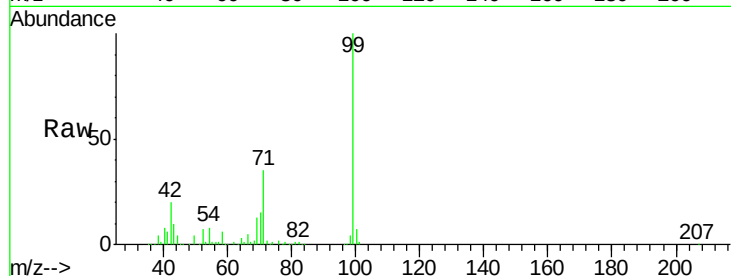
Tgt Ion: 99 Resp: 521973

Ion Ratio Lower Upper

99 100

42 19.9 16.2 24.4

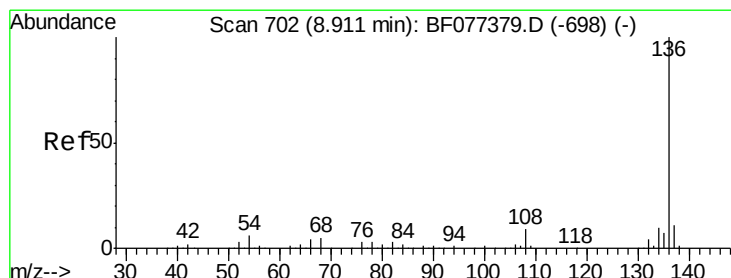
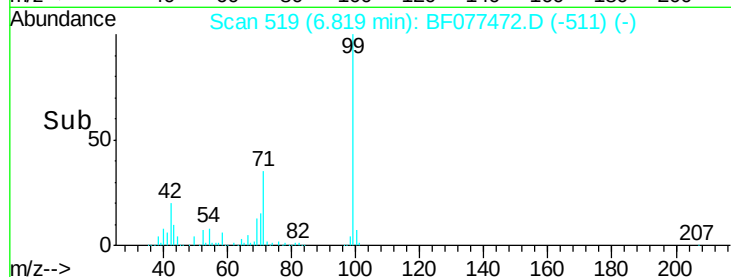
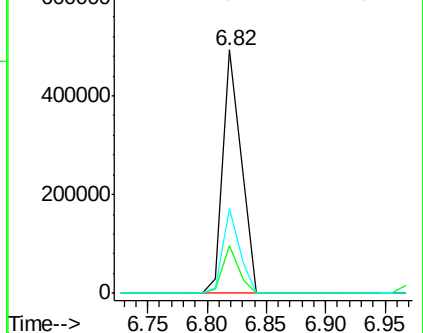
71 34.8 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077472.D

Acq: 26 Feb 2015 18:34

Tgt Ion: 136 Resp: 240616

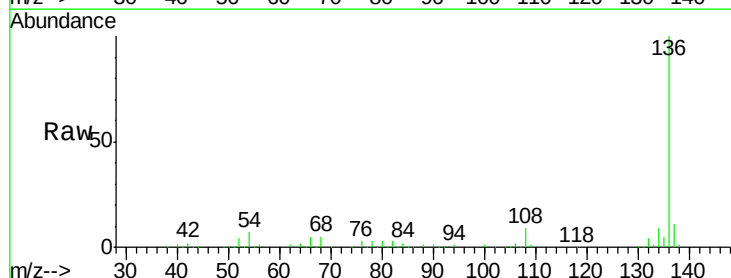
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.0 6.2 9.4

68 5.4 5.0 7.6

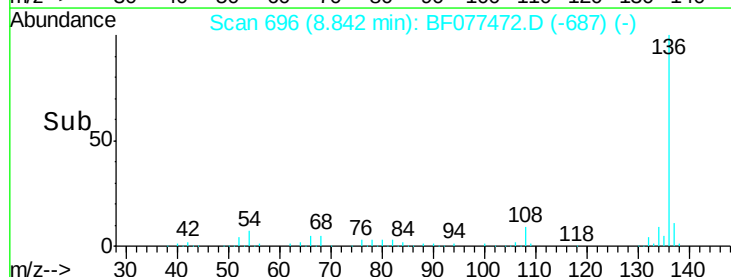
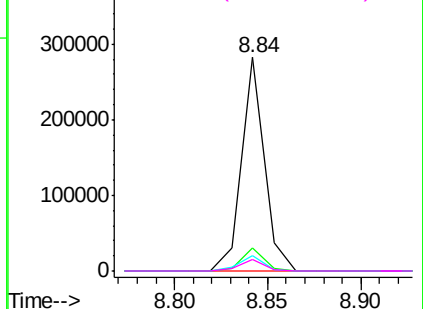


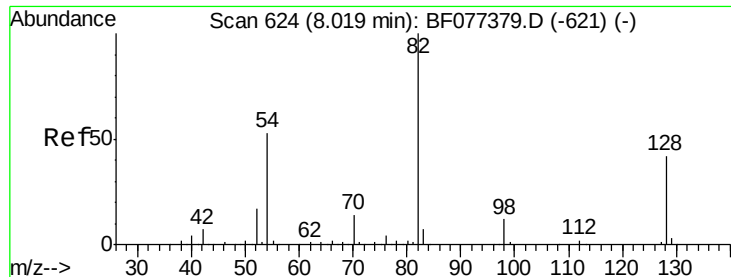
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 83.30 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077472.D

Acq: 26 Feb 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB81898BL

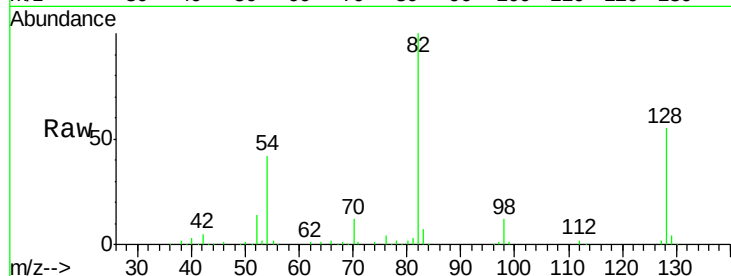
Tgt Ion: 82 Resp: 322316

Ion Ratio Lower Upper

82 100

128 55.3 43.8 65.8

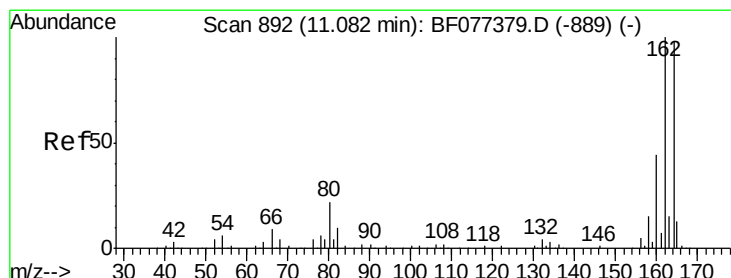
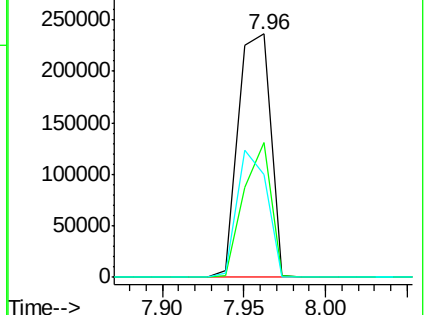
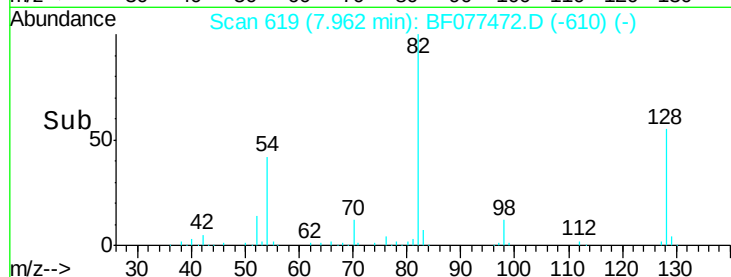
54 42.4 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-621) (-)

Ion 128.00 (127.70 to 128.70): BF077379.D (-621) (-)

Ion 54.00 (53.70 to 54.70): BF077379.D (-621) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF077472.D

Acq: 26 Feb 2015 18:34

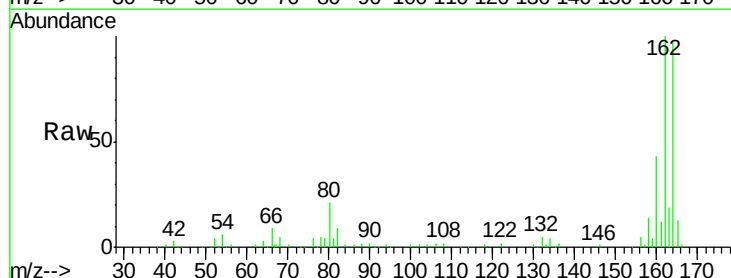
Tgt Ion: 164 Resp: 118376

Ion Ratio Lower Upper

164 100

162 103.0 83.2 124.8

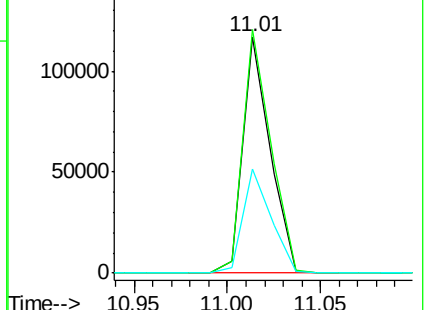
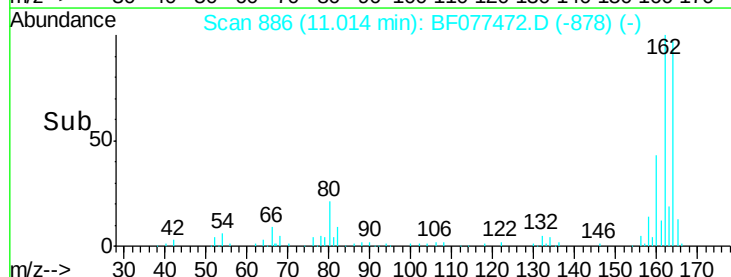
160 44.3 34.6 52.0

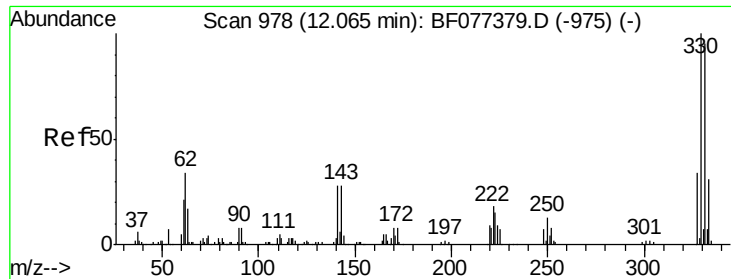


Abundance Ion 164.00 (163.70 to 164.70): BF077379.D (-889) (-)

Ion 162.00 (161.70 to 162.70): BF077379.D (-889) (-)

Ion 160.00 (159.70 to 160.70): BF077379.D (-889) (-)

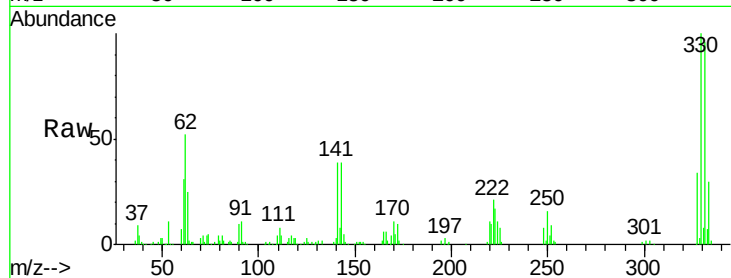




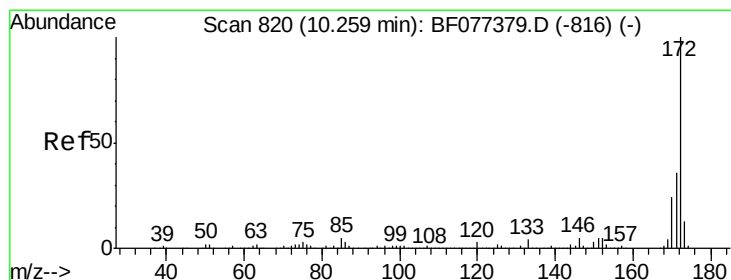
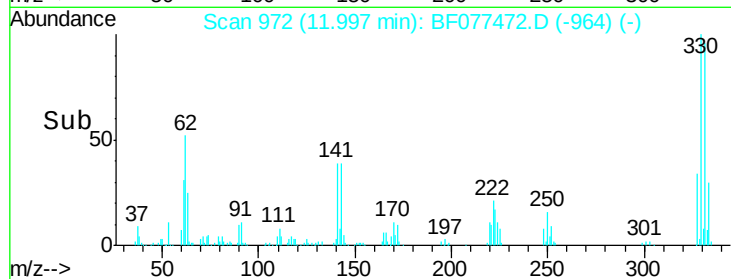
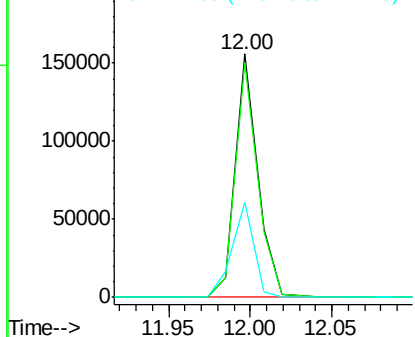
#41
 2,4,6-Tribromophenol
 Concen: 130.11 ng
 RT: 12.00 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF077472.D
 Acq: 26 Feb 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81898BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	37.8	28.8	43.2

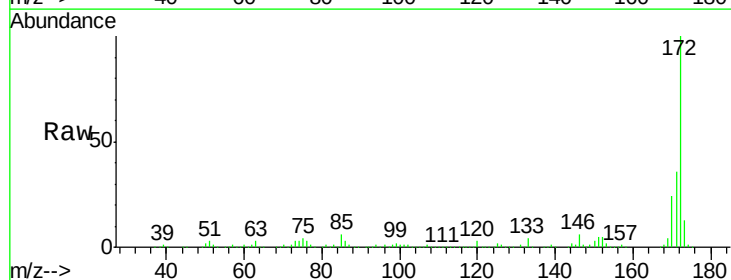


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

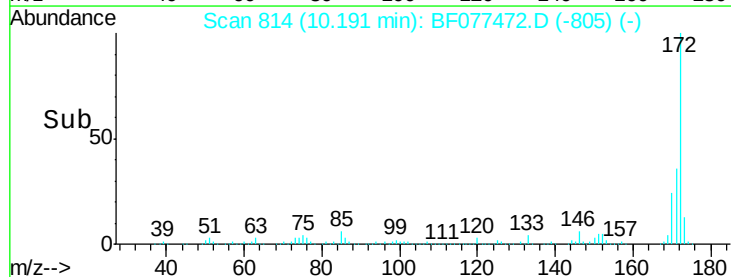
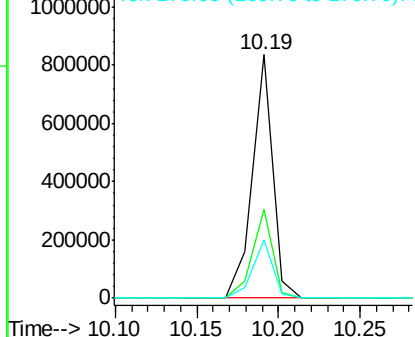


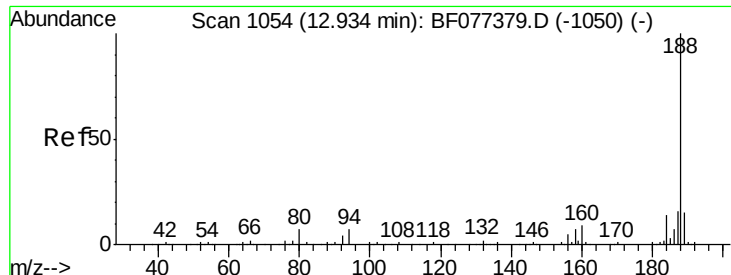
#44
 2-Fluorobiphenyl
 Concen: 95.50 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077472.D
 Acq: 26 Feb 2015 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.9	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

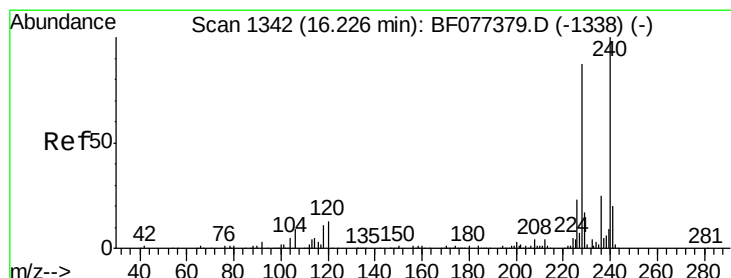
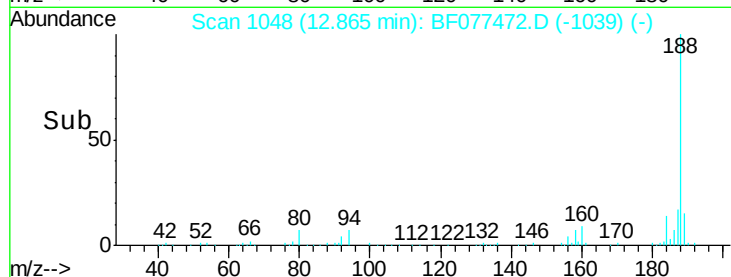
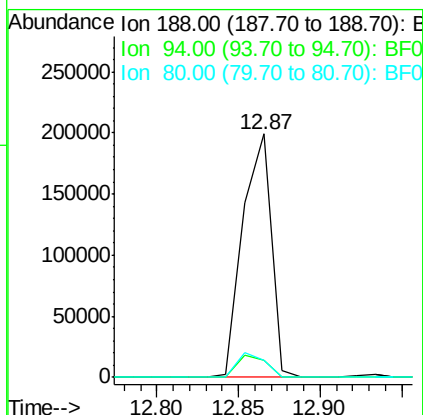
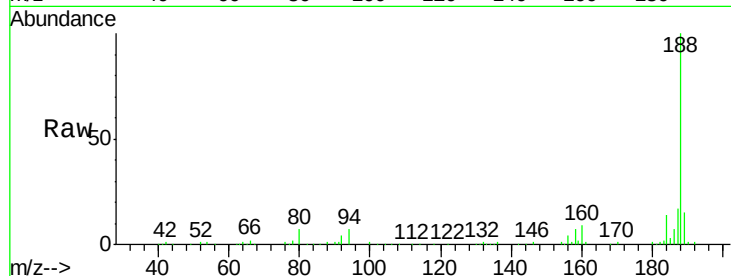




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077472.D
Acq: 26 Feb 2015 18:34

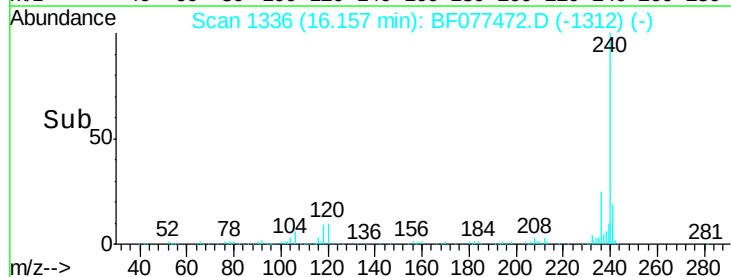
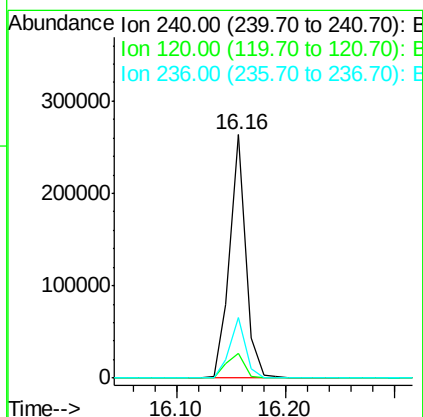
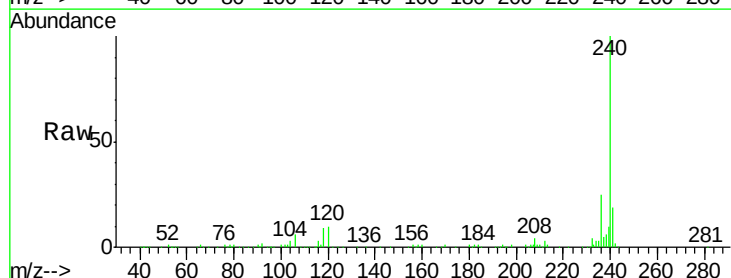
Instrument :
BNA_F
ClientSampleId :
PB81898BL

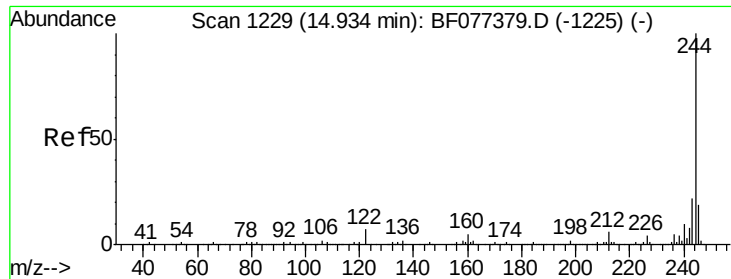
Tgt Ion:188 Resp: 240246
Ion Ratio Lower Upper
188 100
94 6.9 7.4 11.2#
80 7.1 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF077472.D
Acq: 26 Feb 2015 18:34

Tgt Ion:240 Resp: 270349
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 24.9 20.7 31.1

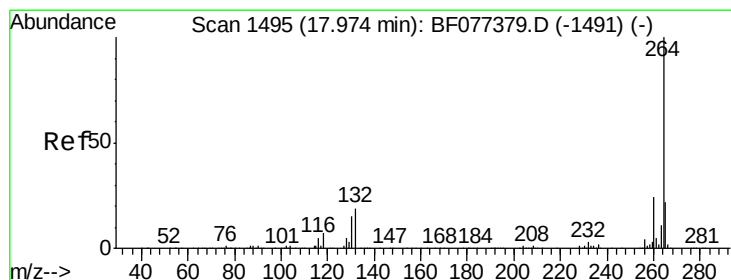
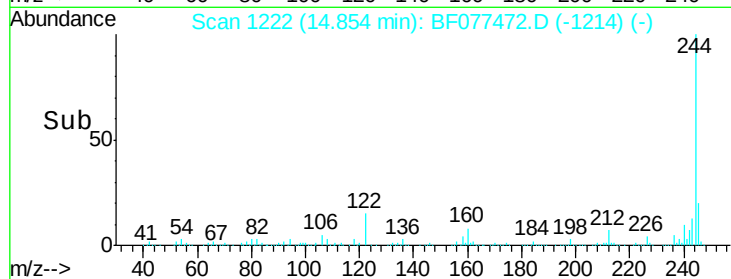
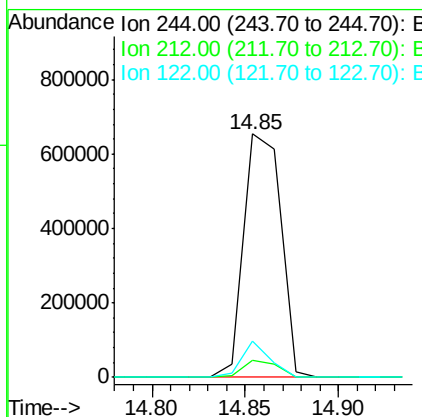
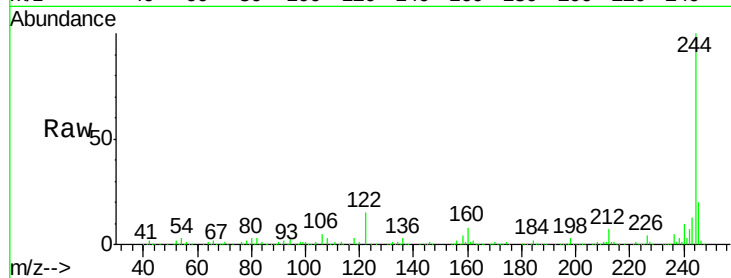




#78
 Terphenyl-d14
 Concen: 78.17 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF077472.D
 Acq: 26 Feb 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB81898BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	14.9	7.8	11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.93 min Scan# 1491
 Delta R.T. -0.08 min
 Lab File: BF077472.D
 Acq: 26 Feb 2015 18:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.8	16.8	25.2

