

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079441.D
 Acq On : 22 May 2015 19:03
 Operator : TP/IZ
 Sample : G2353-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE2-1

Manual Integrations
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Quant Time: May 22 23:58:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	65648	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	269874	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	130895	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	249525	20.00	ng	-0.01
75) Chrysene-d12	15.91	240	235286	20.00	ng	-0.06
86) Perylene-d12	17.65	264	239725	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	242366m	63.55	ng	0.00
7) Phenol-d6	6.63	99	194371m	38.56	ng	0.00
23) Nitrobenzene-d5	7.75	82	429164	91.39	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	227810	160.88	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	881231	93.80	ng	0.00
78) Terphenyl-d14	14.63	244	827143	84.17	ng	0.00

Target Compounds Qvalue

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

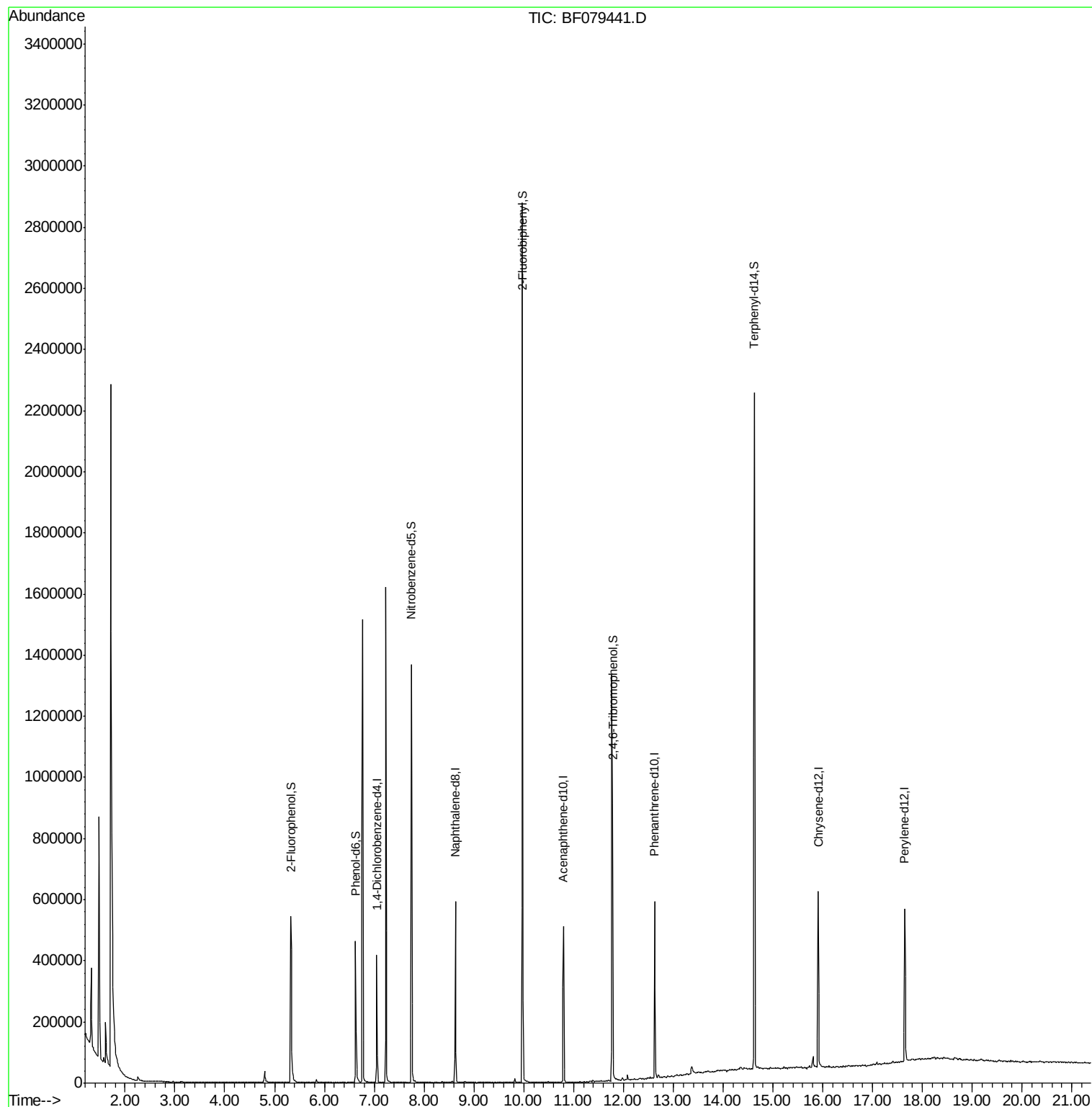
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079441.D
Acq On : 22 May 2015 19:03
Operator : TP/IZ
Sample : G2353-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

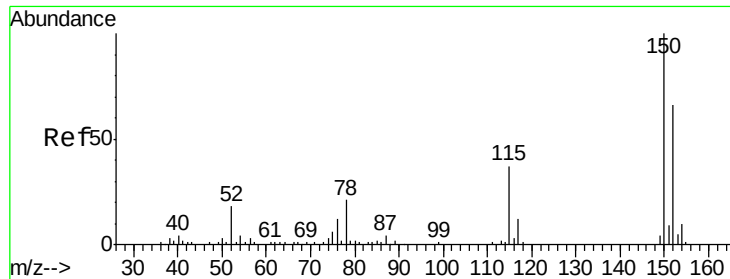
Instrument :
BNA_F
ClientSampleId :
VE2-1

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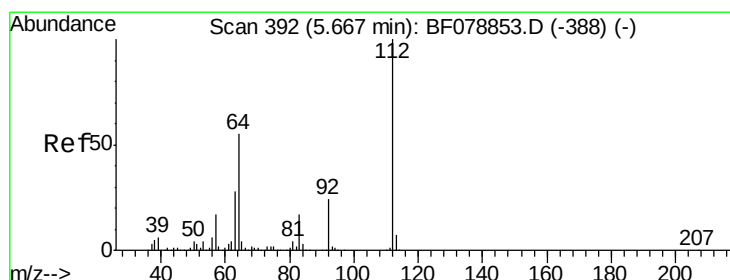
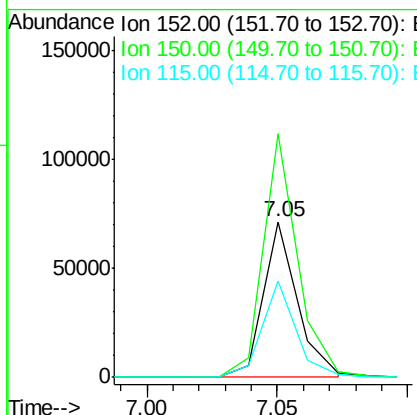
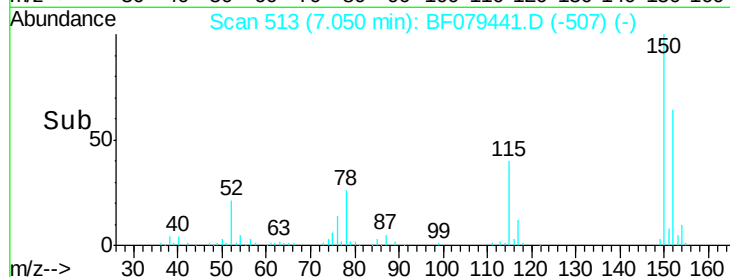
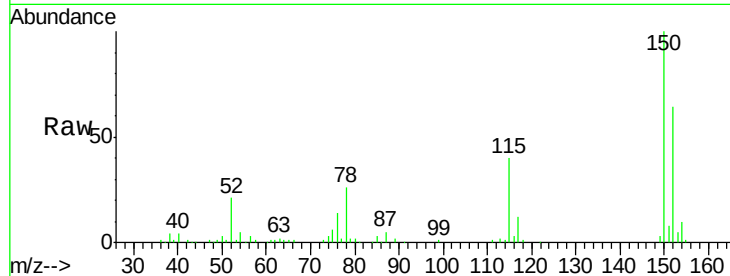
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079441.D
 Acq: 22 May 2015 19:03

Instrument :
 BNA_F
 ClientSampled :
 VE2-1

Tot Ion:	152	Resp:	65648
Ion Ratio	Lower	Upper	
152	100		
150	156.4	123.8	185.8
115	61.9	49.4	74.0

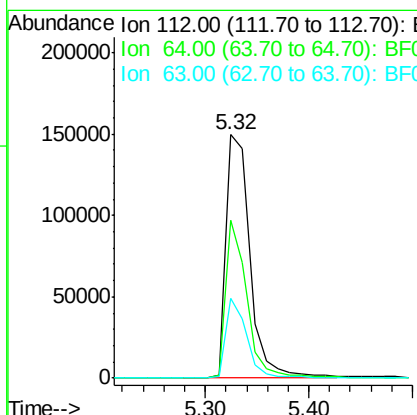
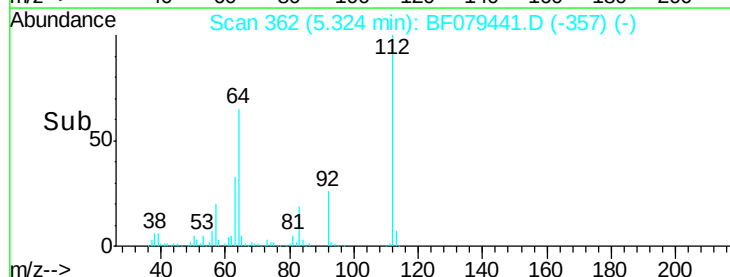
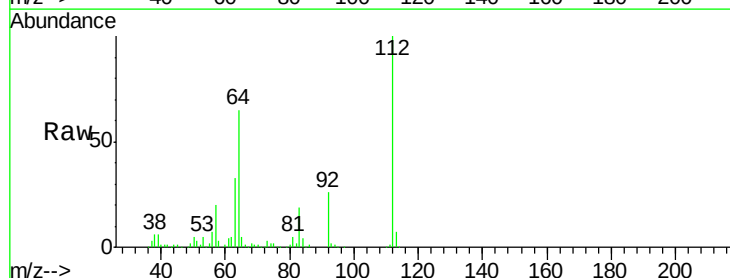
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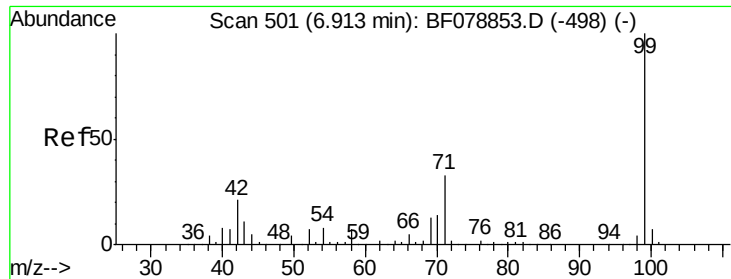
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#5
 2-Fluorophenol
 Concen: 63.55 ng m
 RT: 5.32 min Scan# 362
 Delta R.T. 0.00 min
 Lab File: BF079441.D
 Acq: 22 May 2015 19:03

Tgt Ion:	112	Resp:	242366
Ion Ratio	Lower	Upper	
112	100		
64	64.7	44.2	66.2
63	32.6	22.7	34.1





#7

Phenol-d6

Concen: 38.56 ng/mL

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079441.D

Acq: 22 May 2015 19:03

Instrument :

BNA_F

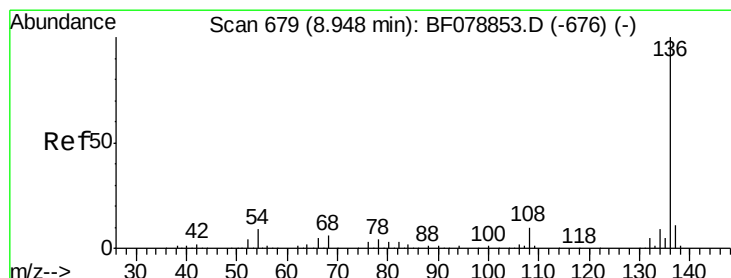
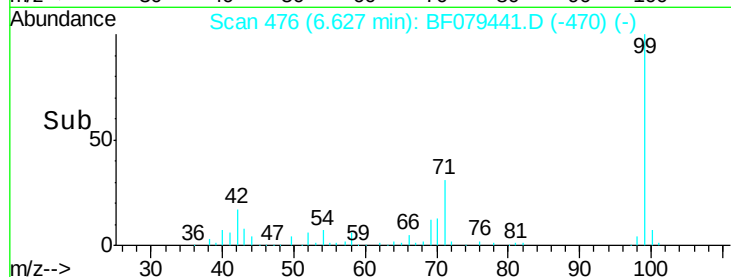
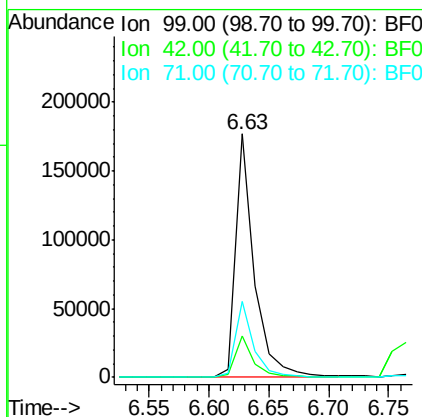
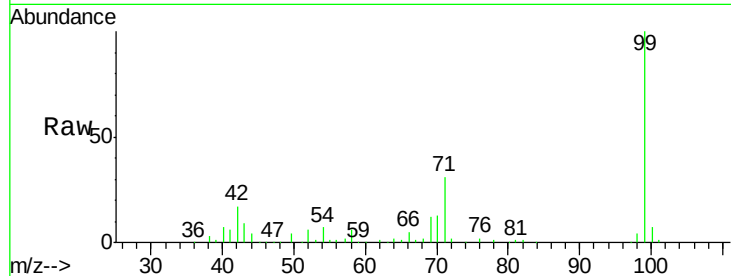
ClientSampled :

VE2-1

Tot Ion:	99	Resp:	194371
Ion Ratio	Lower	Upper	
99	100		
42	17.1	17.1	25.7#
71	31.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

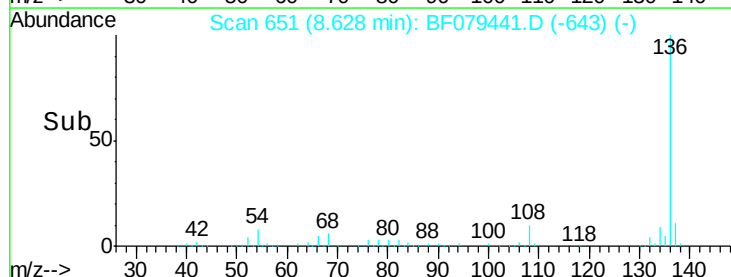
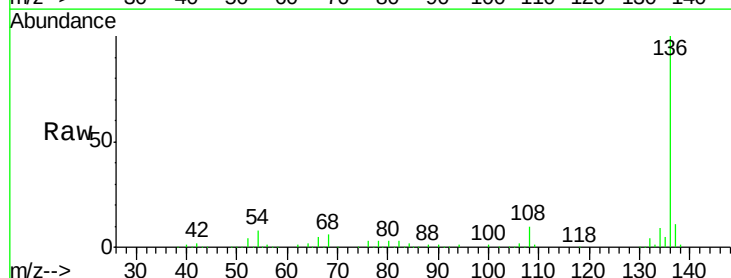
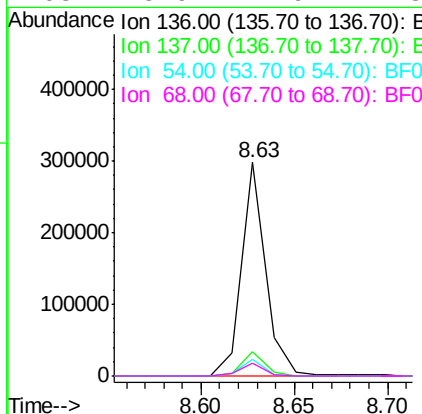
RT: 8.63 min Scan# 651

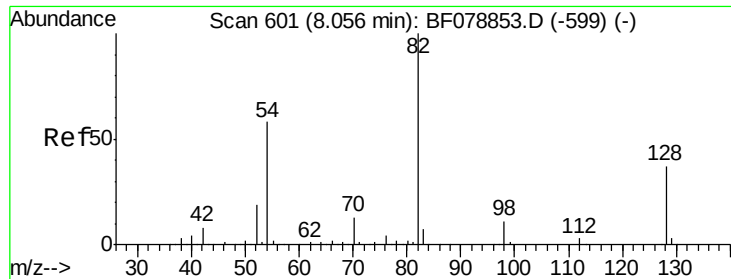
Delta R.T. 0.00 min

Lab File: BF079441.D

Acq: 22 May 2015 19:03

Tgt Ion:	136	Resp:	269874
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	7.5	6.9	10.3
68	5.9	4.9	7.3





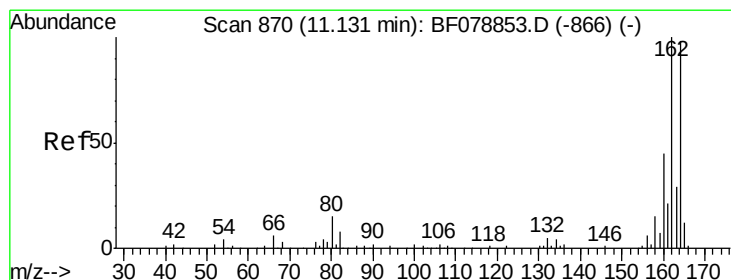
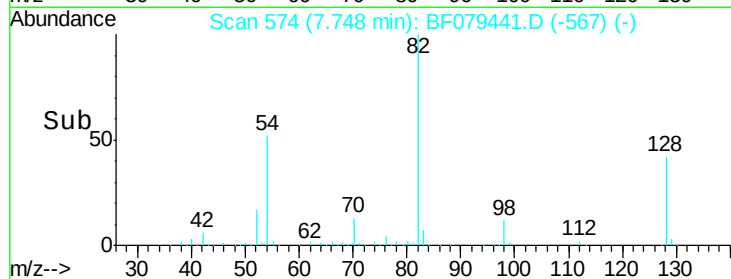
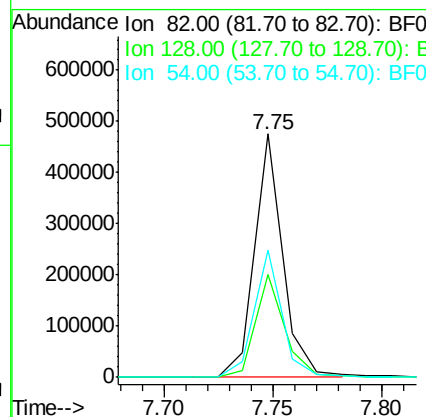
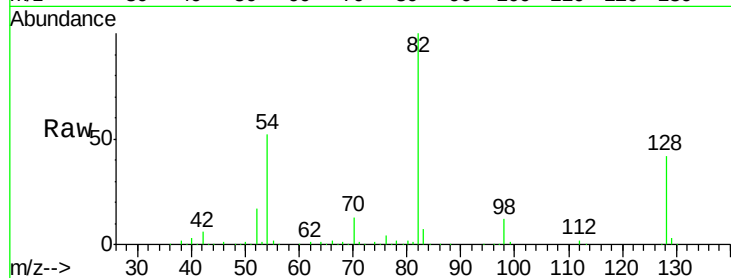
#23
Nitrobenzene-d5
Concen: 91.39 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079441.D
Acq: 22 May 2015 19:03

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.7	44.5
54	52.5	46.2	69.4

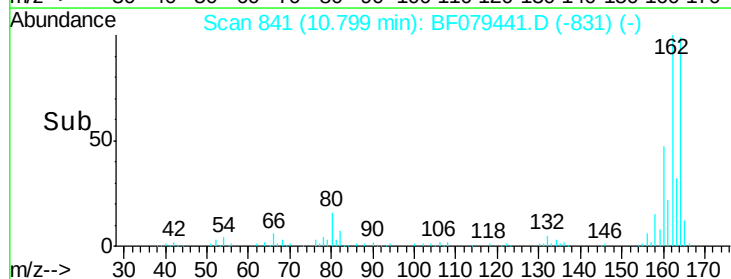
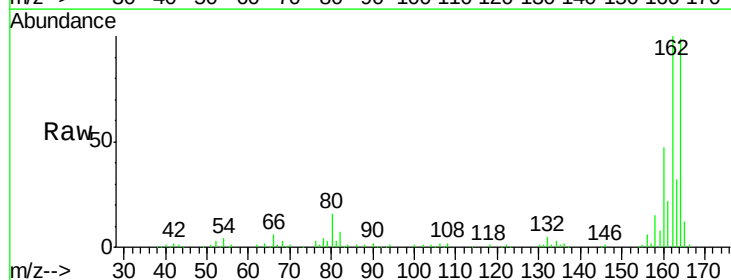
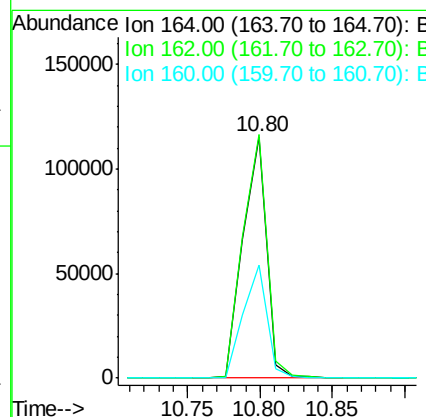
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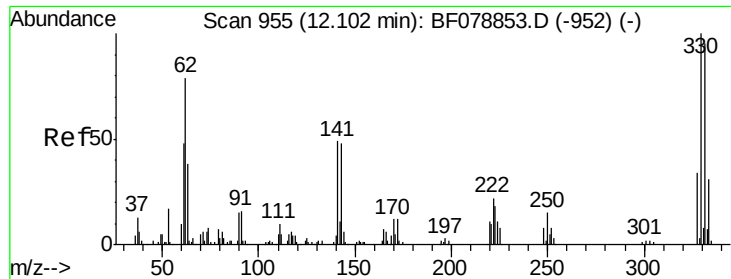
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF079441.D
Acq: 22 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	47.0	36.6	54.8





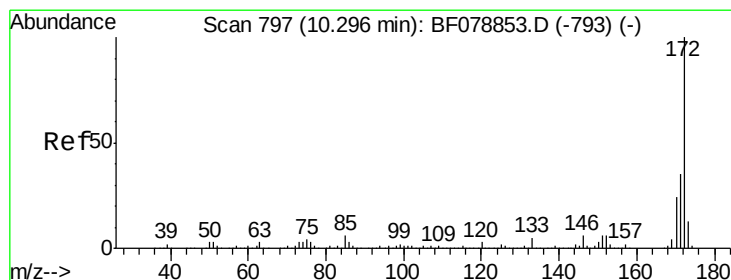
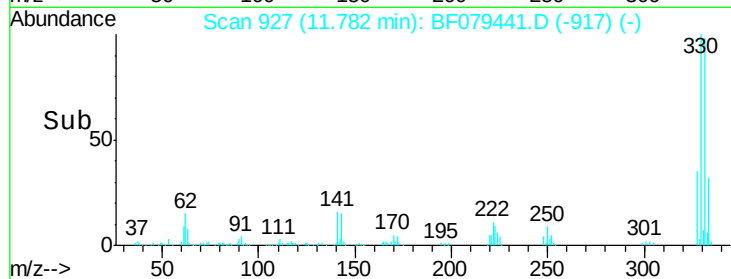
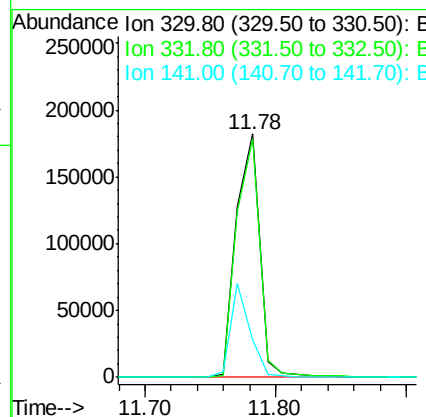
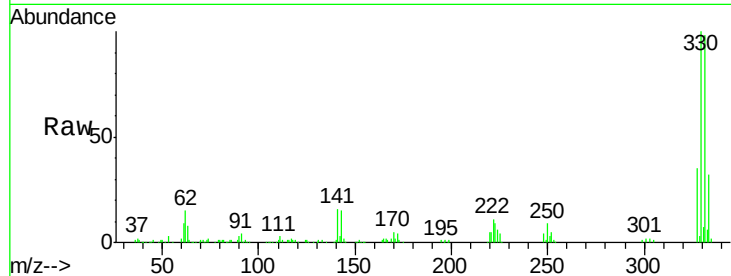
#41
 2,4,6-Tribromophenol
 Concen: 160.88 ng
 RT: 11.78 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF079441.D
 Acq: 22 May 2015 19:03

Instrument :
 BNA_F
 ClientSampled :
 VE2-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227810		
332	97.9	76.9	115.3	
141	32.8	27.8	41.8	

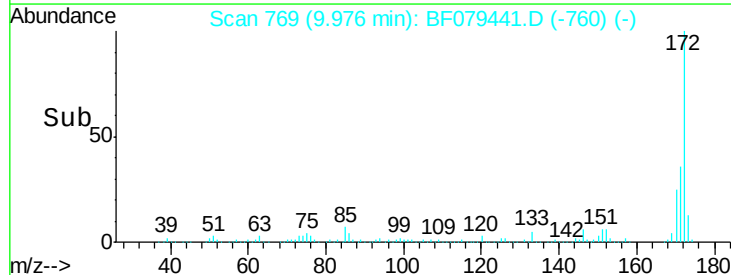
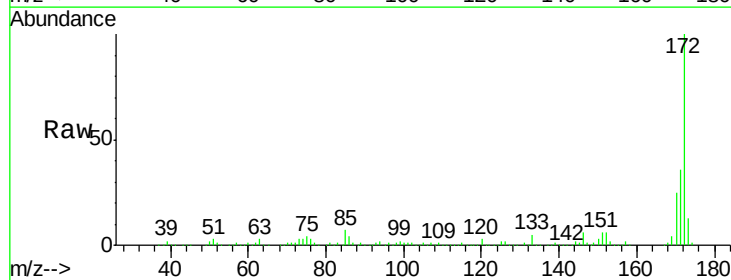
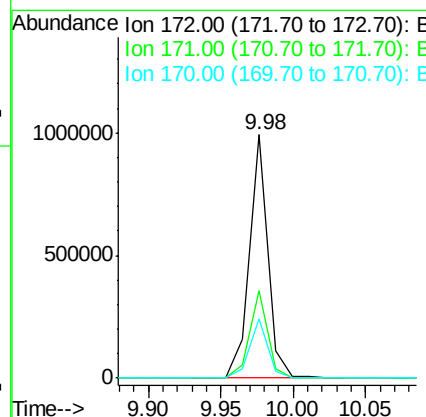
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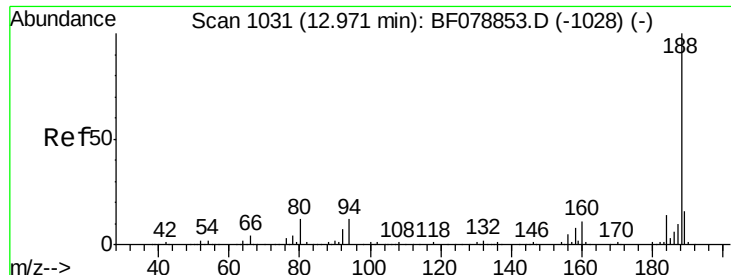
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#44
 2-Fluorobiphenyl
 Concen: 93.80 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079441.D
 Acq: 22 May 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	881231		
171	35.8	28.3	42.5	
170	24.6	19.4	29.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.63 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF079441.D

Acq: 22 May 2015 19:03

Instrument :

BNA_F

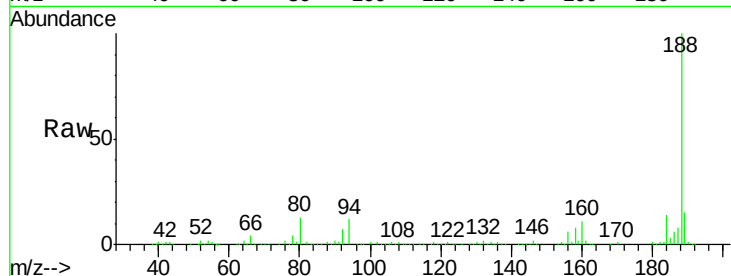
ClientSampleId :

VE2-1

Tot Ion:	188	Resp:	249525
Ion Ratio	Lower	Upper	
188	100		
94	12.5	9.4	14.0
80	13.1	9.8	14.6

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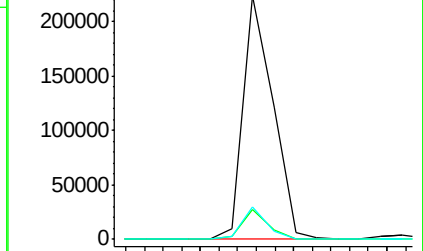
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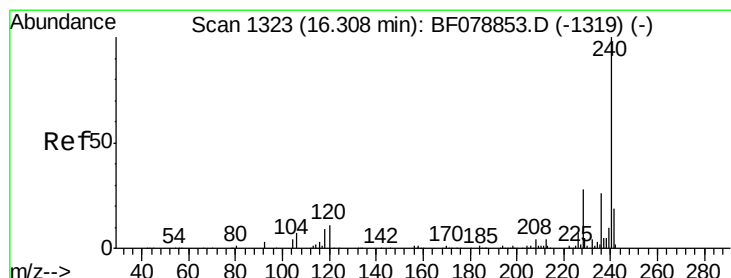
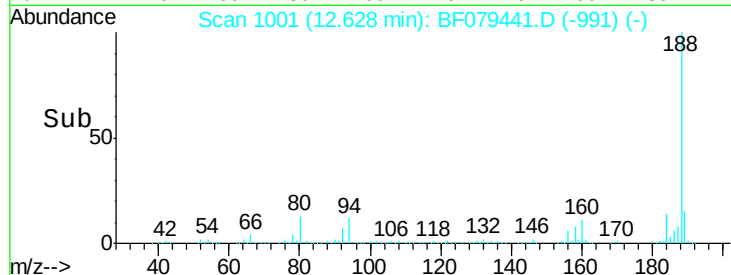
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.91 min Scan# 1288

Delta R.T. -0.06 min

Lab File: BF079441.D

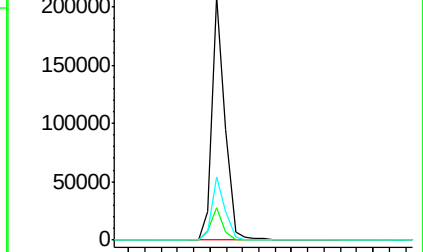
Acq: 22 May 2015 19:03

Tgt Ion:	240	Resp:	235286
Ion Ratio	Lower	Upper	
240	100		
120	13.1	8.6	12.8#
236	25.9	21.0	31.6

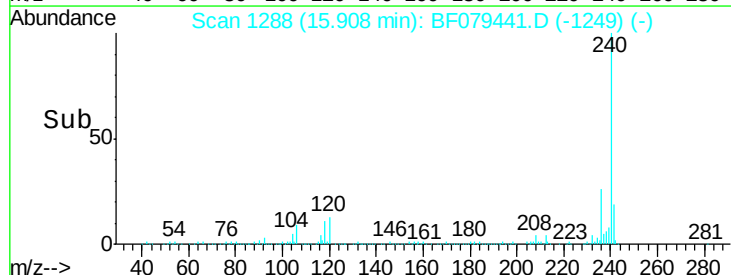
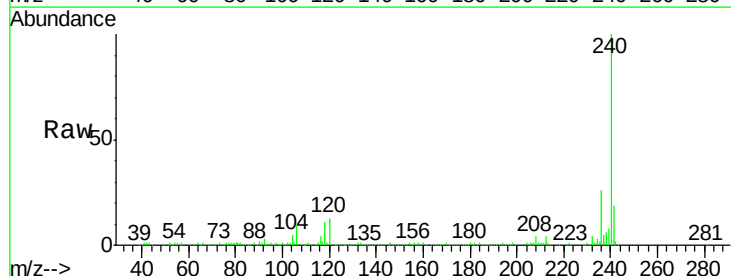
Abundance Ion 240.00 (239.70 to 240.70): E

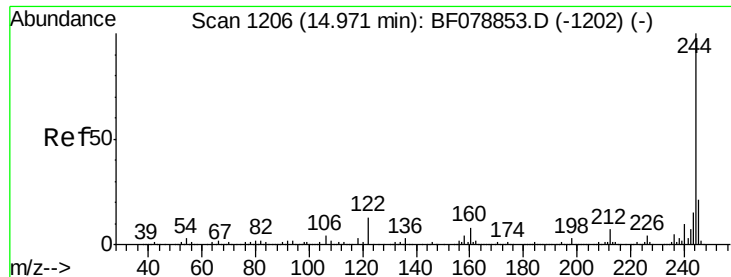
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





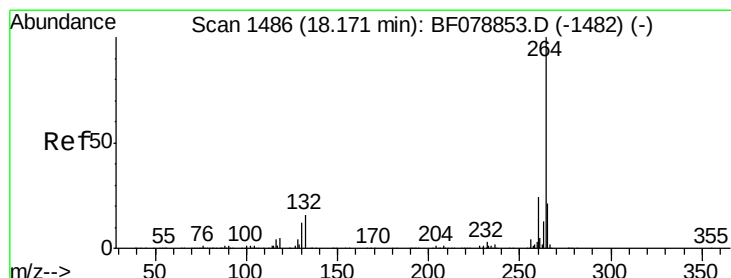
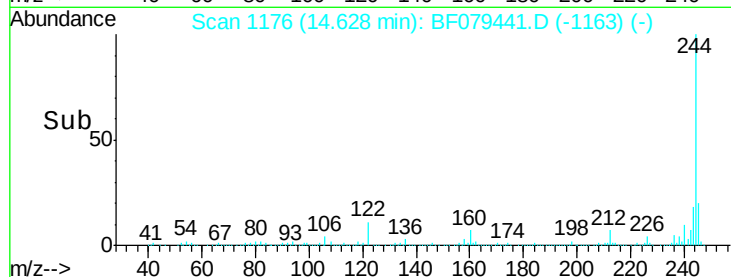
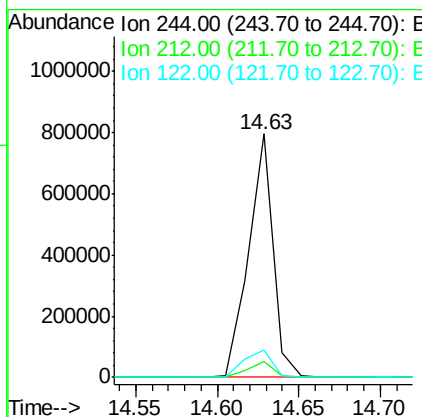
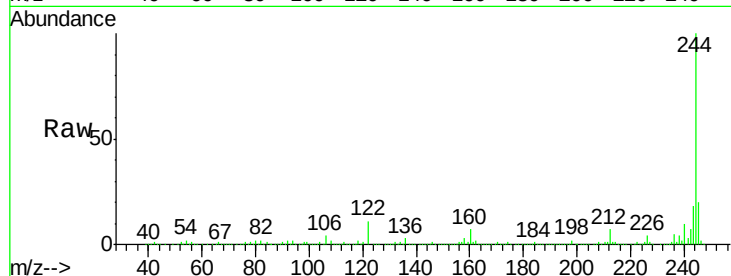
#78
 Terphenyl-d14
 Concen: 84.17 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF079441.D
 Acq: 22 May 2015 19:03

Instrument :
 BNA_F
 ClientSampled :
 VE2-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.4	10.5	15.7

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1440
 Delta R.T. -0.21 min
 Lab File: BF079441.D
 Acq: 22 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	17.2	25.8

