

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093573.D
 Acq On : 11 Mar 2017 17:58
 Operator : SJ/MA
 Sample : I2215-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASE

Manual Integrations
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mohammad
 3/15/2017 5:32:12 PM

Quant Time: Mar 13 16:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	193838	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	808314	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	372213	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	679226	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	495381	20.00	ng	-0.01
86) Perylene-d12	15.28	264	340883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1873552	160.87	ng	0.01
7) Phenol-d6	6.39	99	2325612	158.35	ng	0.01
23) Nitrobenzene-d5	7.29	82	1439245	98.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	358308	147.75	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2145684	107.23	ng	0.00
78) Terphenyl-d14	12.82	244	1550238	81.36	ng	0.00
Target Compounds						
10) Phenol	6.40	94	181103	10.06	ng	Qvalue # 71
49) Dimethylphthalate	9.49	163	578445	23.44	ng	100
70) Phenanthrene	11.26	178	112940	2.91	ng	96
74) Fluoranthene	12.46	202	150779	4.03	ng	94
77) Pyrene	12.68	202	144986	4.02	ng	97
80) Benzo(a)anthracene	13.87	228	63876	2.18	ng	97
87) Benzo(b)fluoranthene	14.89	252	53106m	2.56	ng	

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

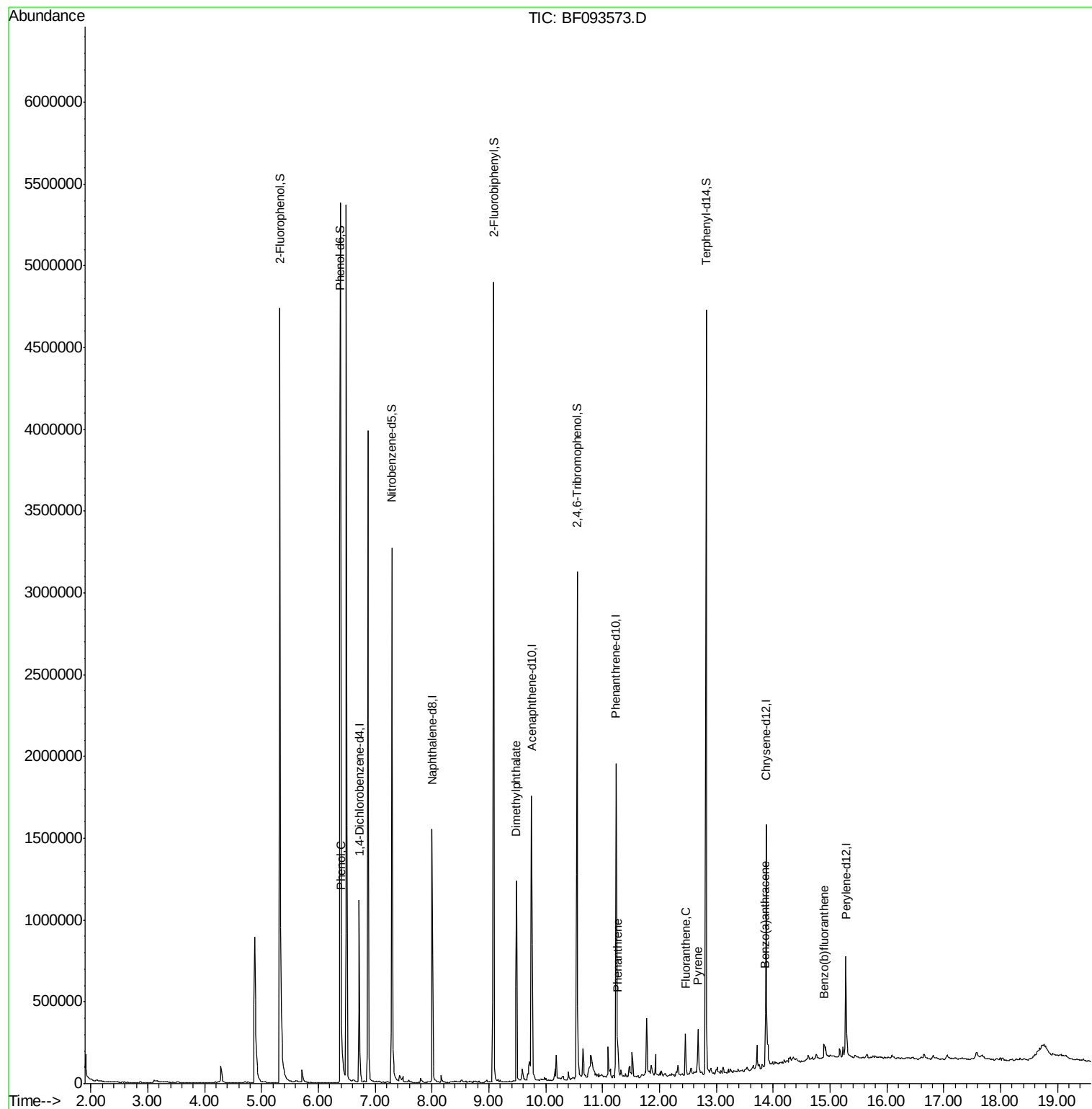
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093573.D
Acq On : 11 Mar 2017 17:58
Operator : SJ/MA
Sample : I2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

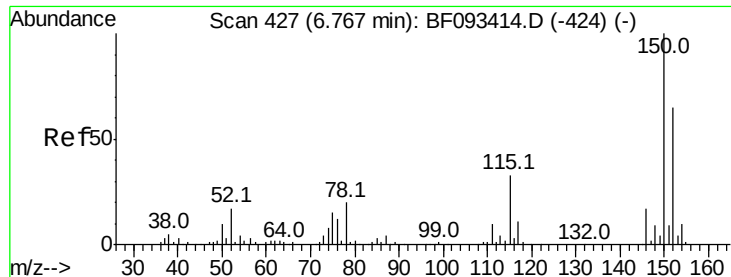
Instrument :
BNA_F
ClientSampleId :
E2-V4-BASE

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Quant Time: Mar 13 16:21:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

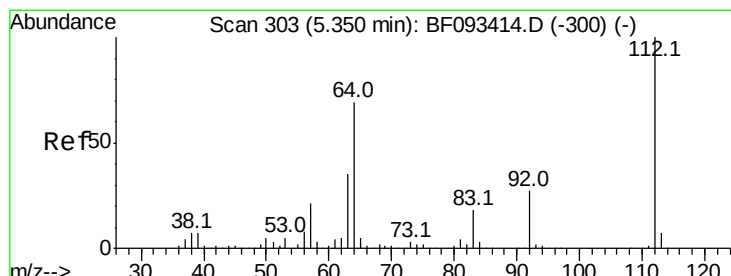
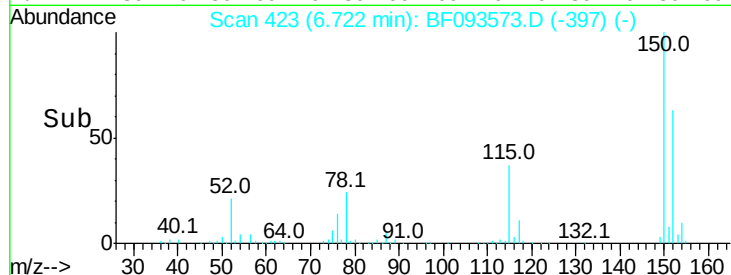
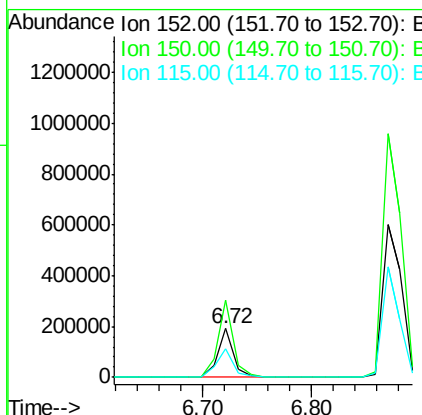
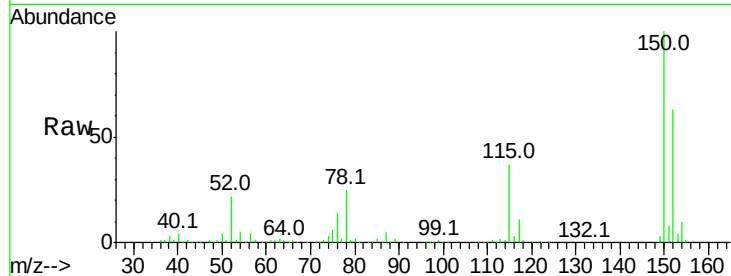
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF093573.D
Acq: 11 Mar 2017 17:58

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	58.1	46.0	69.0

Manual Integrations
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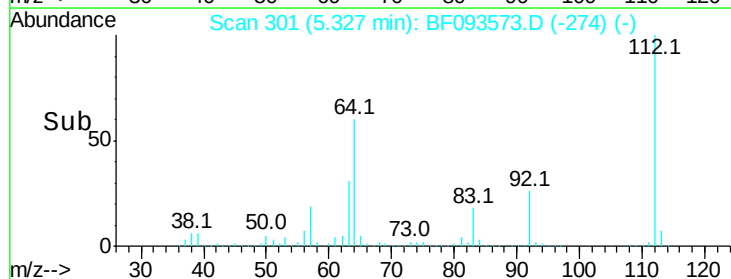
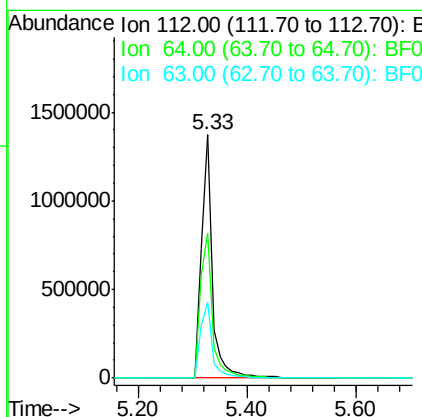
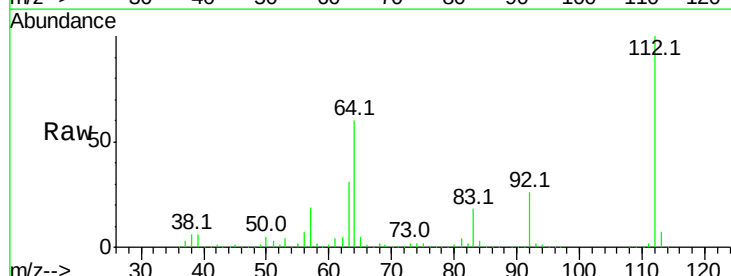
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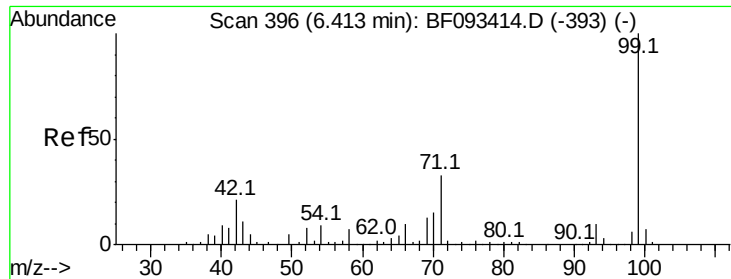


#5

2-Fluorophenol
Concen: 160.87 ng
RT: 5.33 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF093573.D
Acq: 11 Mar 2017 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.1	69.1
63	30.9	23.8	35.6





#7

Phenol-d6

Concen: 158.35 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093573.D

Acq: 11 Mar 2017 17:58

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASE

Tot Ion: 99 Resp: 2325612

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

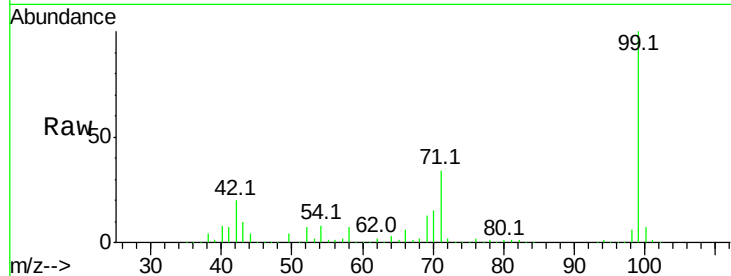
71 34.2 27.5 41.3

Manual Integrations

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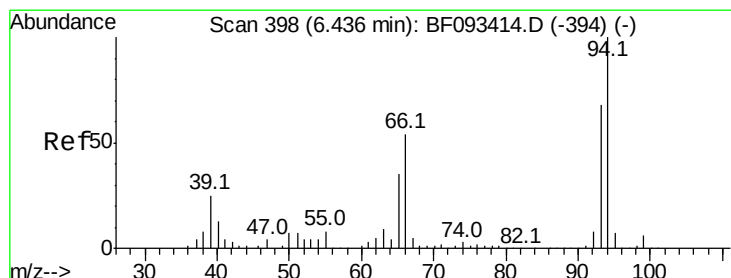
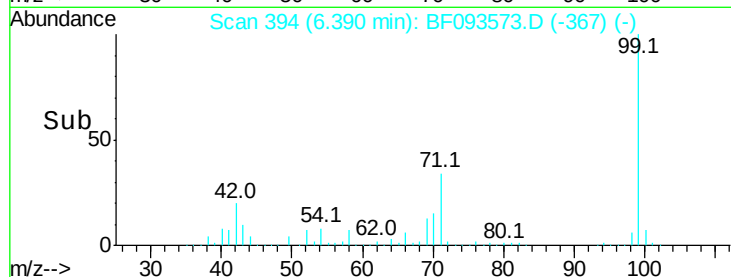
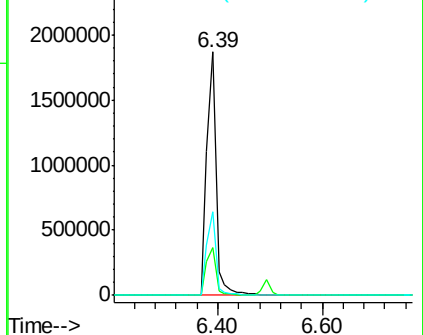
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 10.06 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093573.D

Acq: 11 Mar 2017 17:58

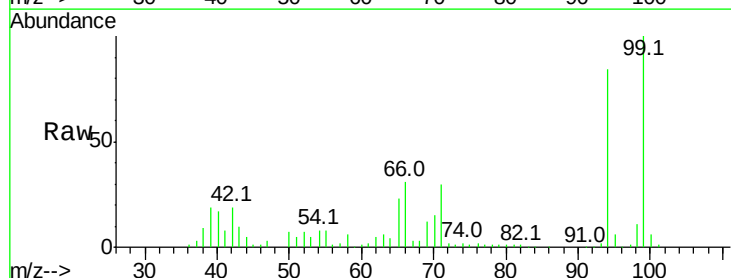
Tgt Ion: 94 Resp: 181103

Ion Ratio Lower Upper

94 100

65 27.9 21.4 61.4

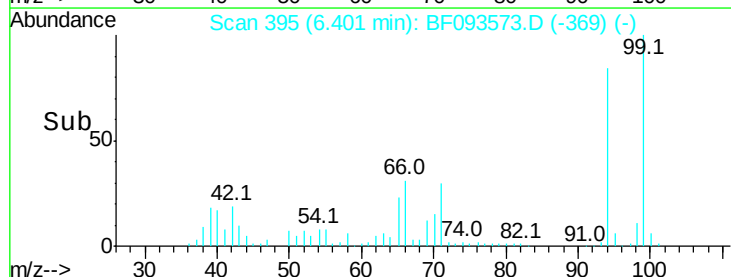
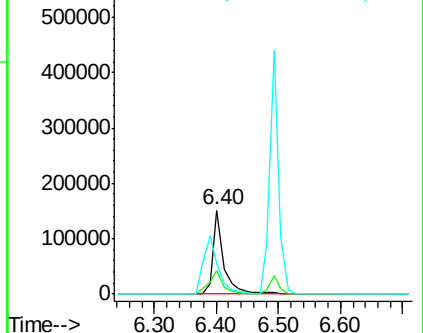
66 37.6 44.0 84.0#

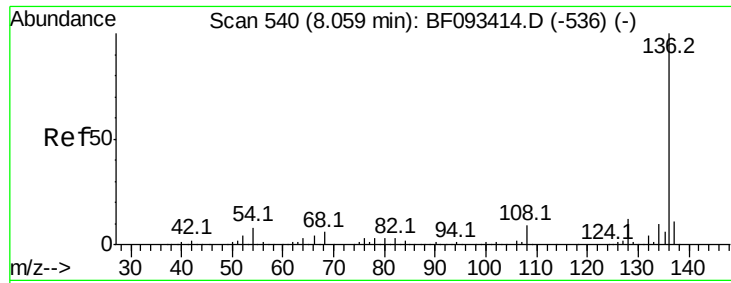


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





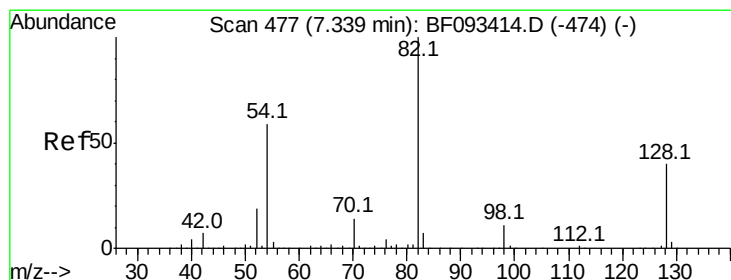
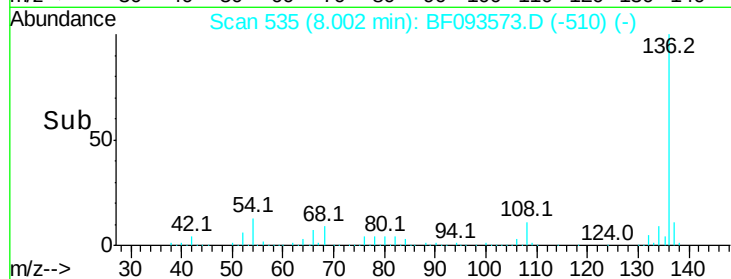
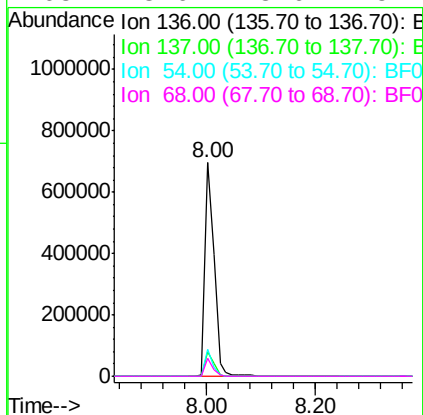
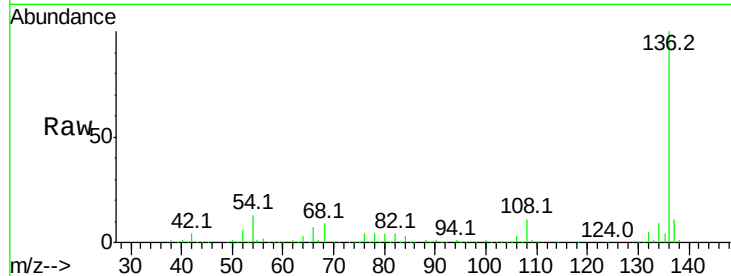
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093573.D
Acq: 11 Mar 2017 17:58

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	808314		
137	11.4		8.4	12.6
54	12.7		4.5	6.7#
68	8.6		3.6	5.4#

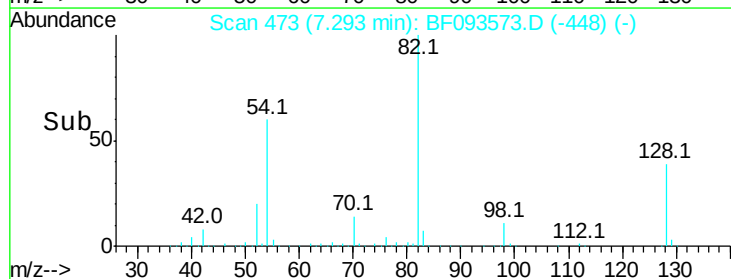
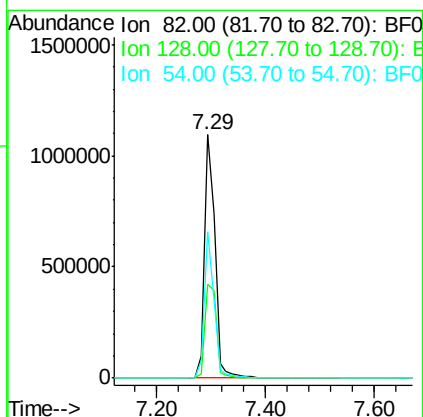
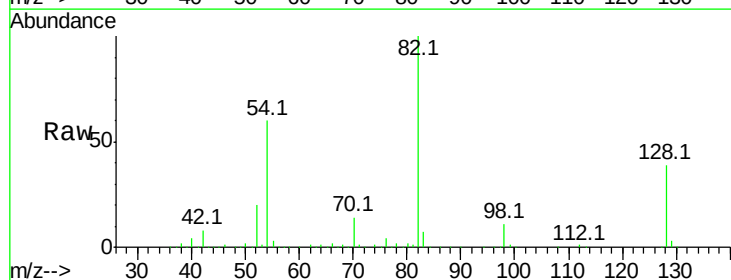
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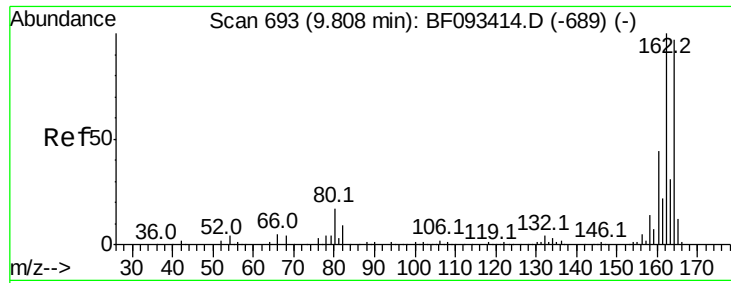
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#23
Nitrobenzene-d5
Concen: 98.79 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093573.D
Acq: 11 Mar 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1439245		
128	38.6		34.6	52.0
54	60.0		39.5	59.3#





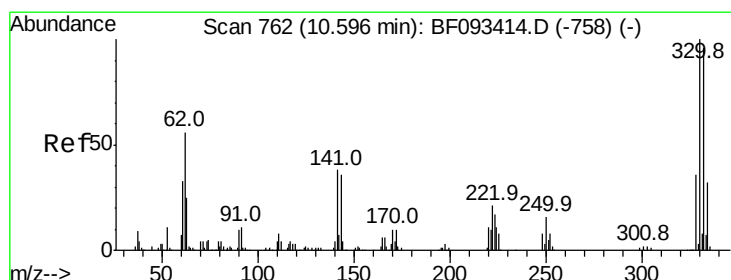
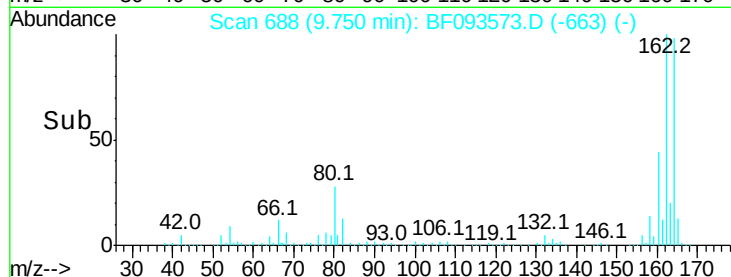
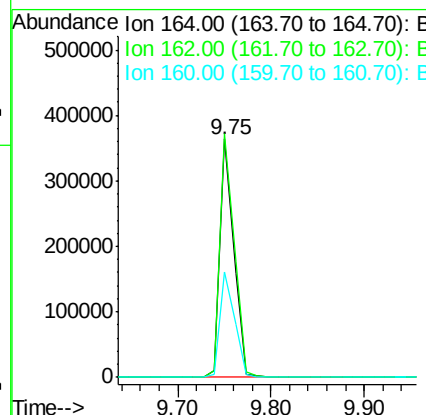
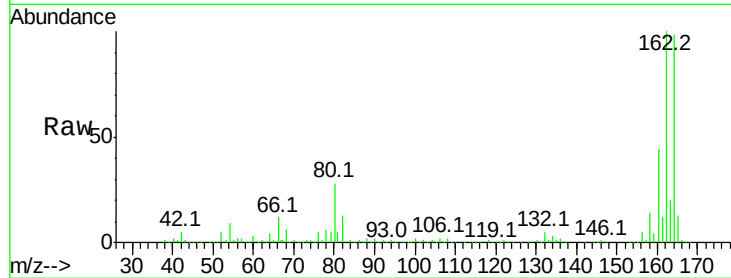
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093573.D
 Acq: 11 Mar 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASE

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	44.5	36.9	55.3

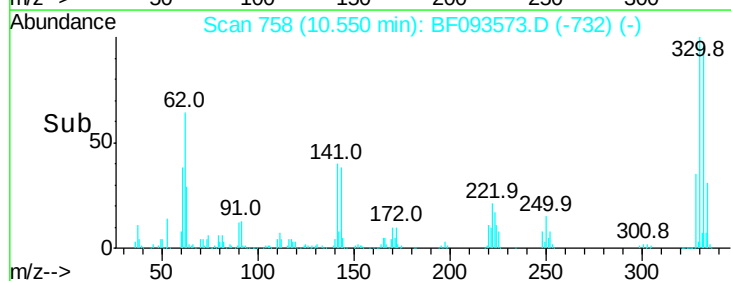
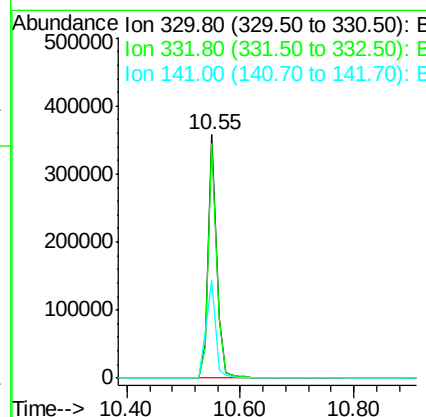
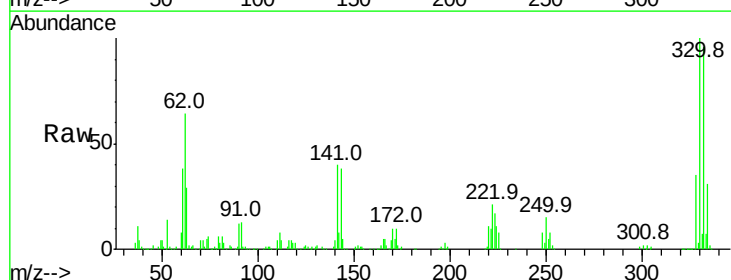
Manual Integrations
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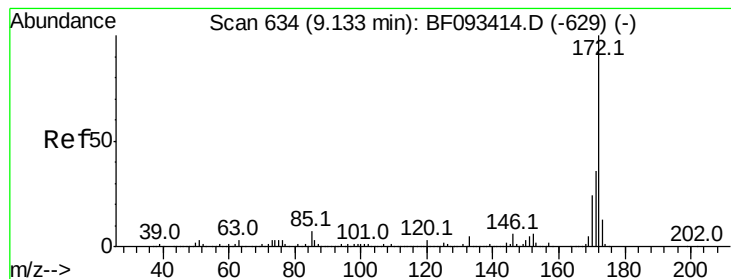
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#41
 2,4,6-Tribromophenol
 Concen: 147.75 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093573.D
 Acq: 11 Mar 2017 17:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	44.8	34.1	51.1





#44

2-Fluorobiphenyl

Concen: 107.23 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093573.D

Acq: 11 Mar 2017 17:58

Instrument :

BNA_F

ClientSampleId :

E2-V4-BASE

Tot Ion:172 Resp: 2145684

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

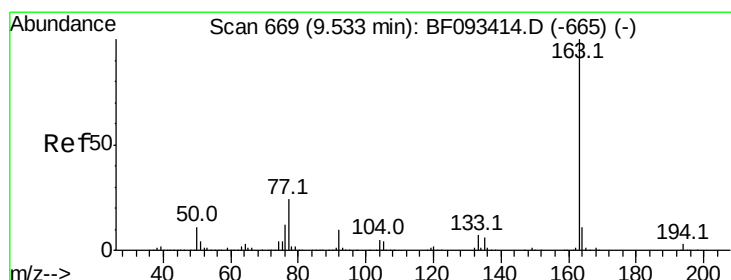
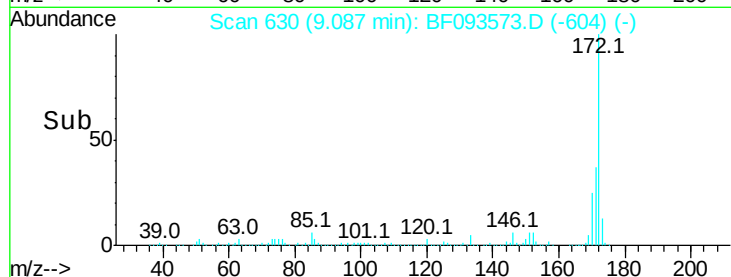
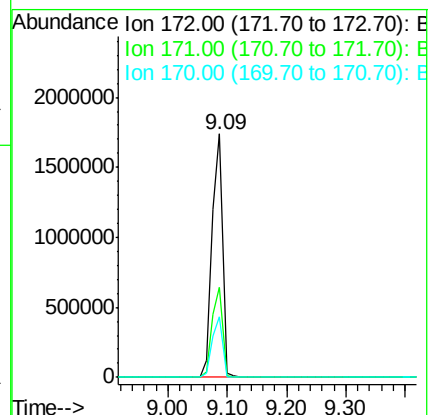
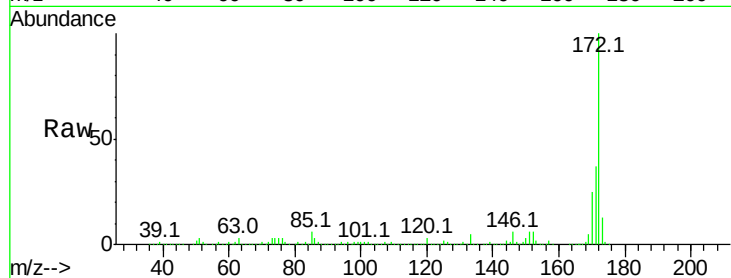
170 25.1 20.2 30.4

Manual Integrations

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#49

Dimethylphthalate

Concen: 23.44 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093573.D

Acq: 11 Mar 2017 17:58

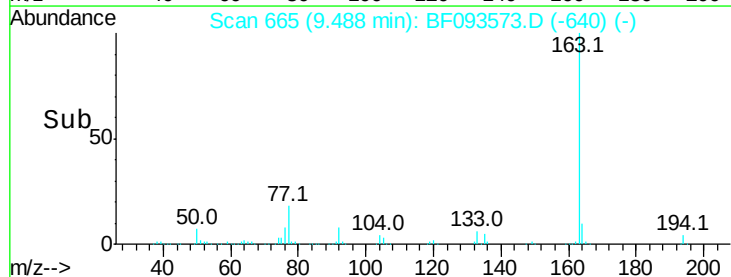
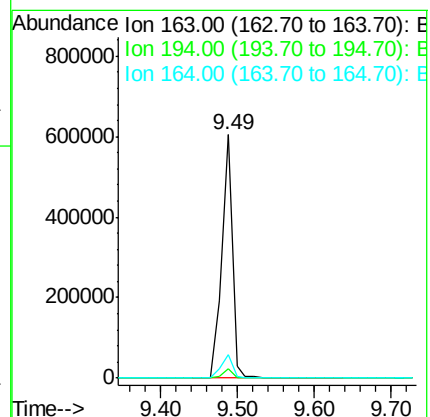
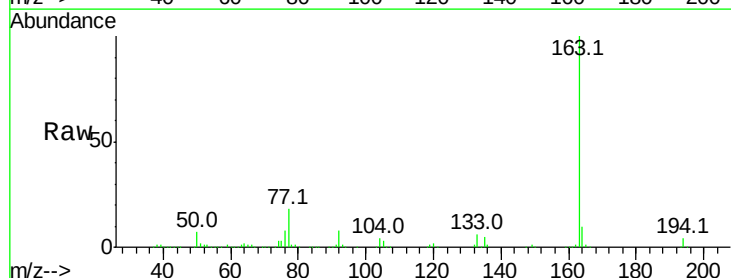
Tgt Ion:163 Resp: 578445

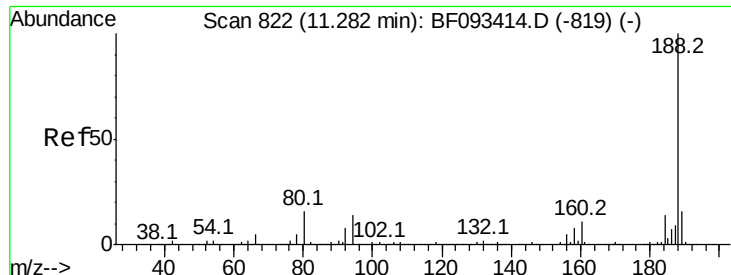
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 9.8 8.0 12.0





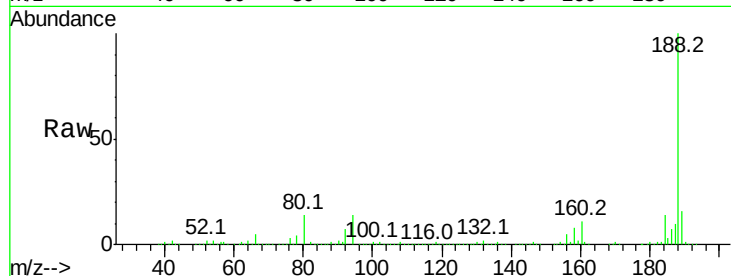
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093573.D
Acq: 11 Mar 2017 17:58

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASE

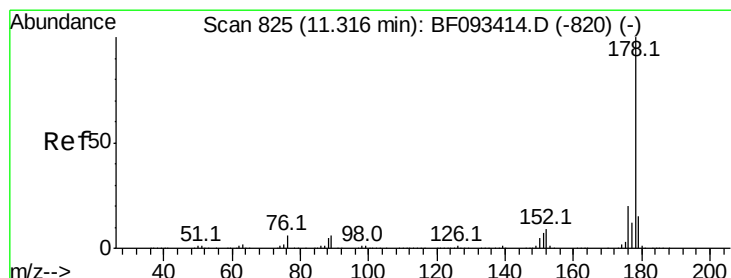
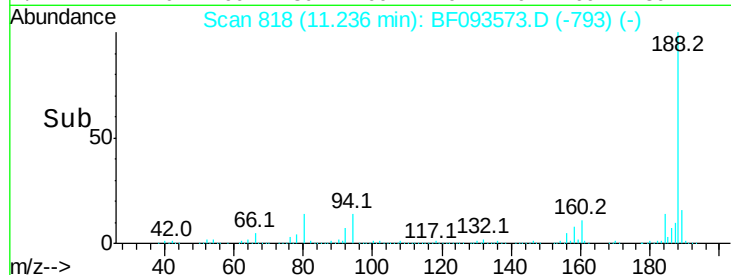
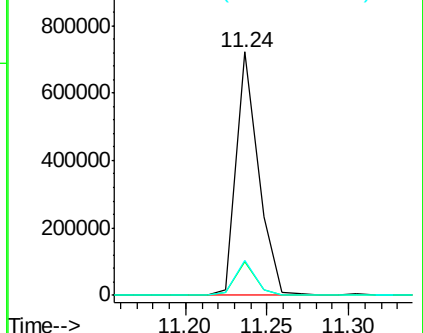
Tot Ion	Ratio	Resp	Lower	Upper
188	100	679226		
94	13.6		10.0	15.0
80	14.2		11.2	16.8

Manual Integrations
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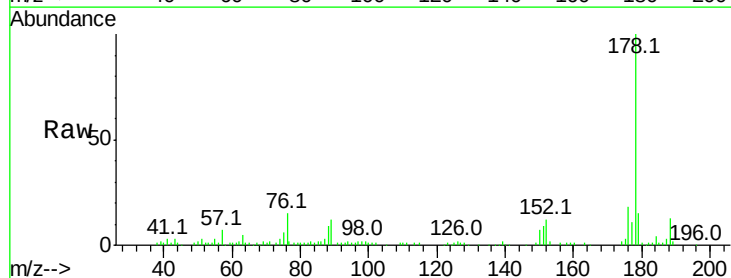


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

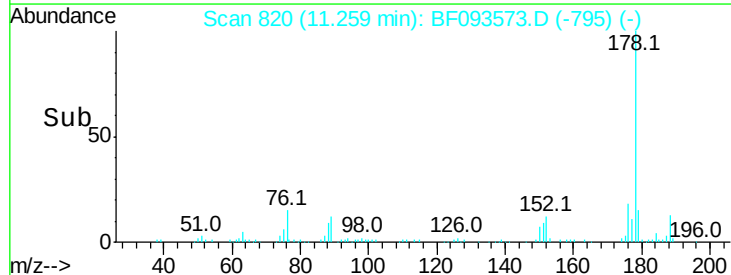
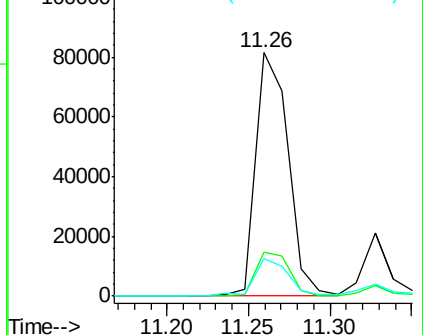


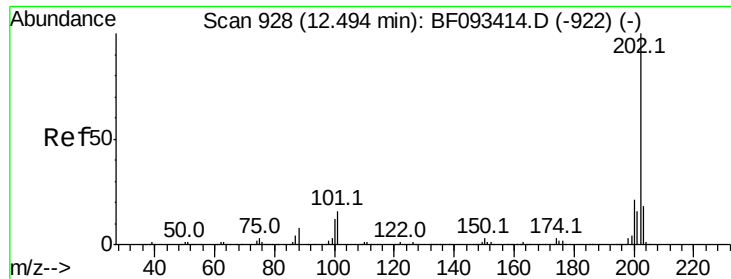
#70
Phenanthrene
Concen: 2.91 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF093573.D
Acq: 11 Mar 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	112940		
176	18.1		16.6	25.0
179	15.4		12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.03 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093573.D

Acq: 11 Mar 2017 17:58

Instrument :

BNA_F

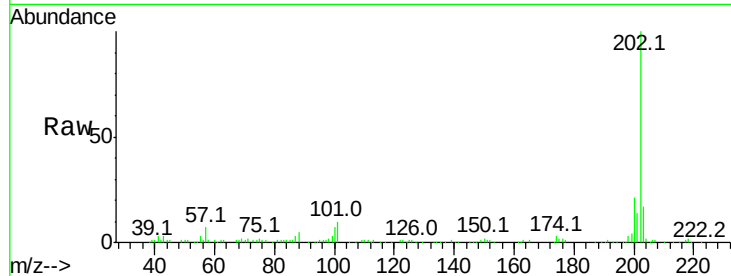
ClientSampled :

E2-V4-BASE

Tot Ion:	202	Resp:	150779
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	34.6
203	17.4	0.0	38.7

Manual Integrations
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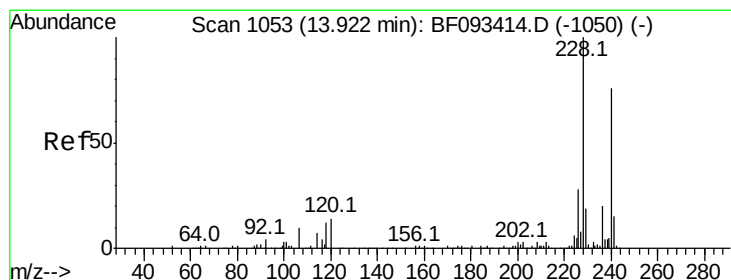
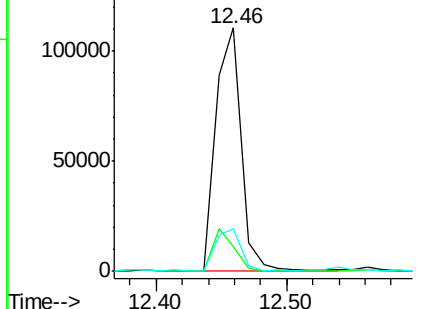
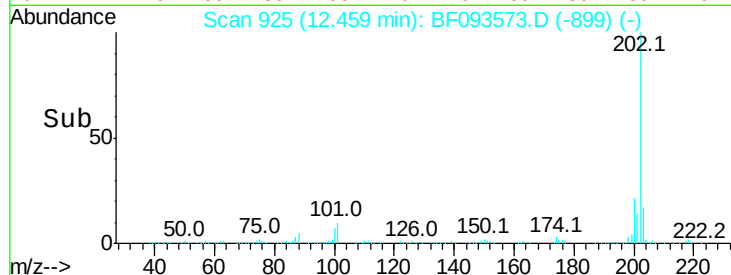
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

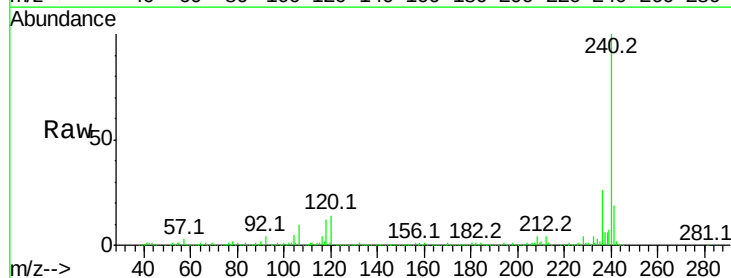
RT: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093573.D

Acq: 11 Mar 2017 17:58

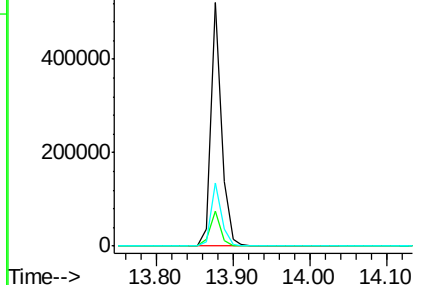
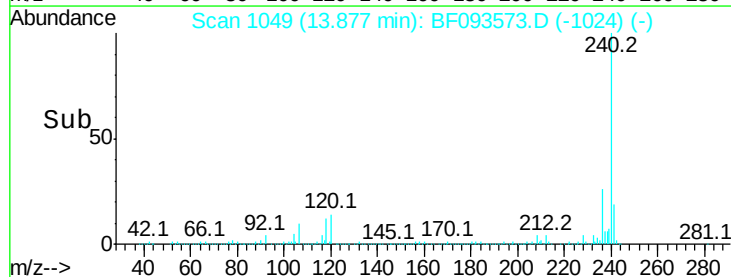
Tgt Ion:	240	Resp:	495381
Ion Ratio	Lower	Upper	
240	100		
120	14.3	12.9	19.3
236	26.1	20.9	31.3

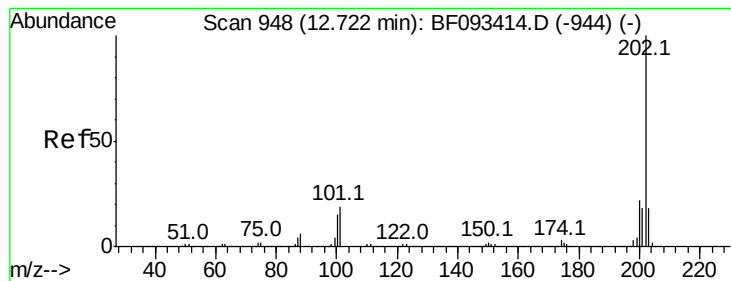


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.02 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF093573.D

Acq: 11 Mar 2017 17:58

Instrument :

BNA_F

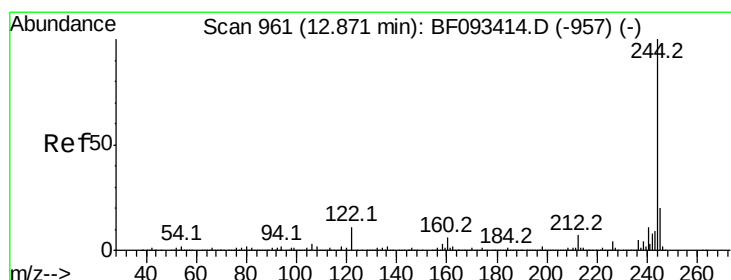
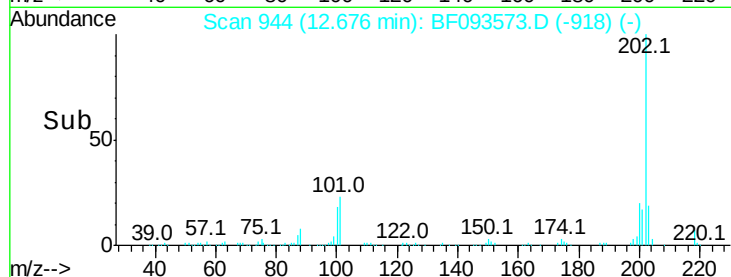
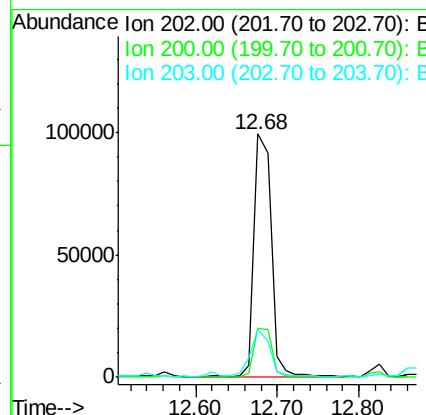
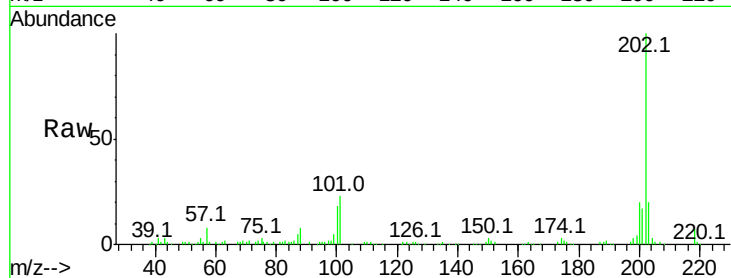
ClientSampleId :

E2-V4-BASE

Tot Ion:	202	Resp:	144986
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.7	26.5
203	19.8	14.7	22.1

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#78

Terphenyl-d14

Concen: 81.36 ng

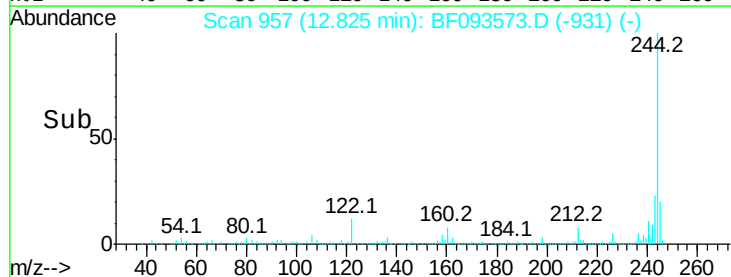
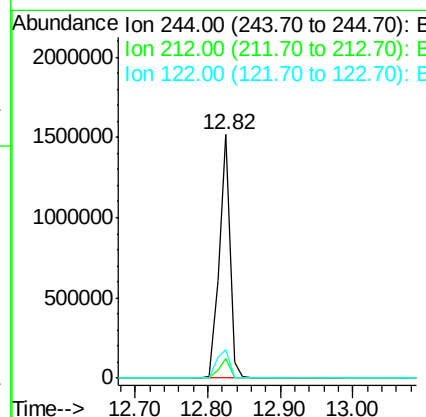
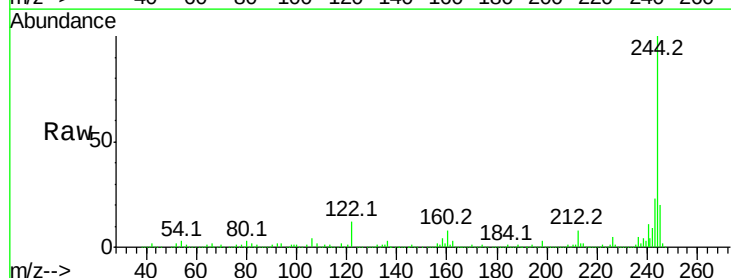
RT: 12.82 min Scan# 957

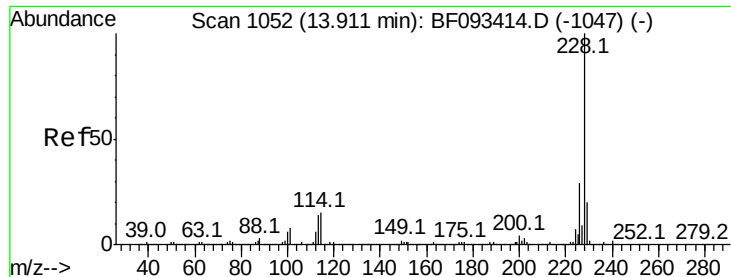
Delta R.T. -0.00 min

Lab File: BF093573.D

Acq: 11 Mar 2017 17:58

Tgt Ion:	244	Resp:	1550238
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	11.9	11.4	17.2





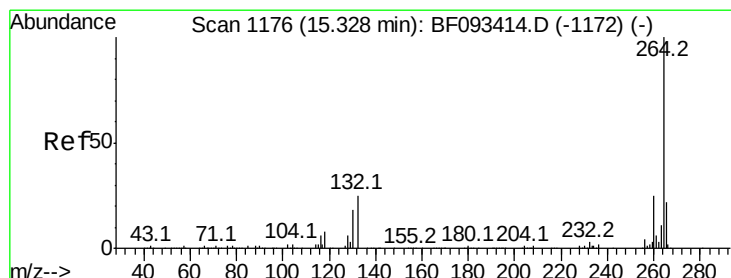
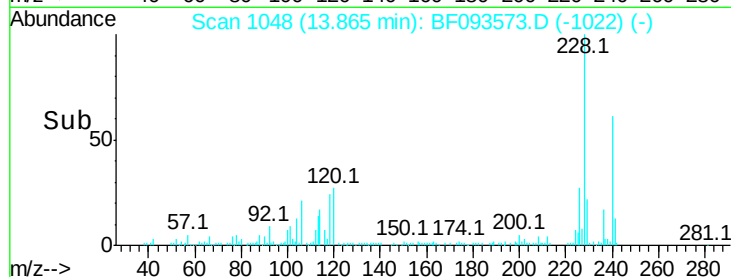
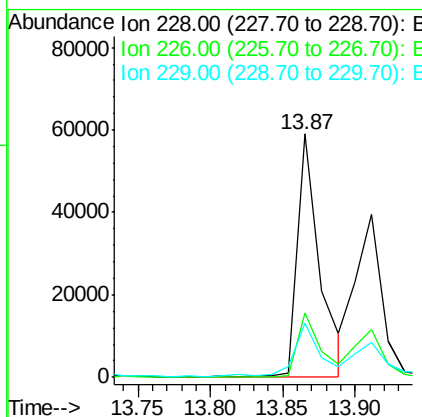
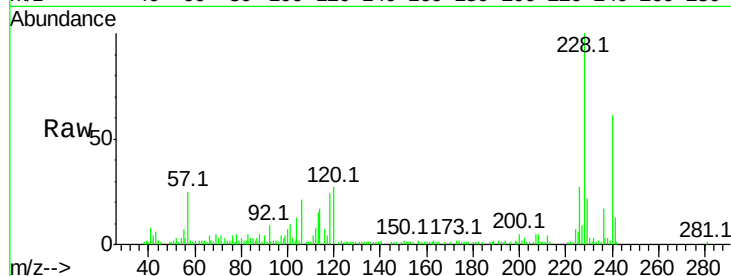
#80
Benzo(a)anthracene
Concen: 2.18 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF093573.D
Acq: 11 Mar 2017 17:58

Instrument :
BNA_F
ClientSampleId :
E2-V4-BASE

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.4	33.6
229	22.4	16.2	24.4

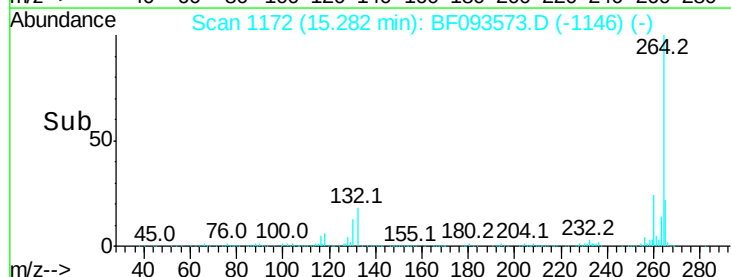
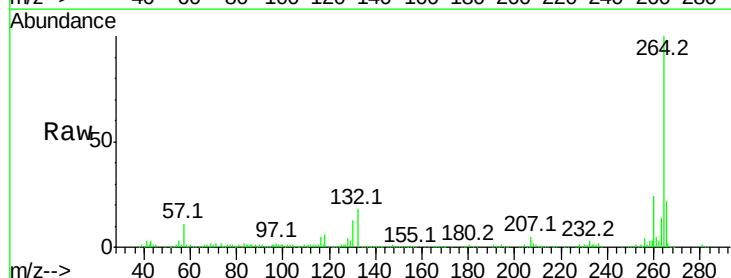
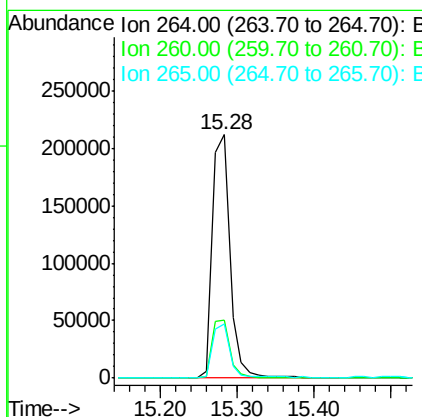
Manual Integrations
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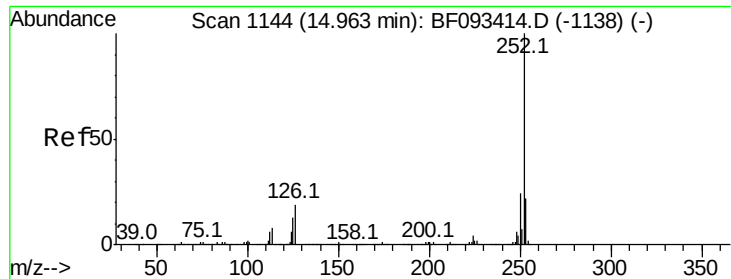
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF093573.D
Acq: 11 Mar 2017 17:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.4	26.0





#87
 Benzo(b)fluoranthene
 Concen: 2.56 ng m
 RT: 14.89 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF093573.D
 Acq: 11 Mar 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-V4-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.4
125	18.4	9.8	14.6

Manual Integrations
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