

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095419.D
 Acq On : 25 May 2017 10:57
 Operator : SJ/MA
 Sample : I3281-06DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34DL

Manual Integrations
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Quant Time: May 25 13:55:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	70249	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	254003	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	102883	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	178732	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	167210	20.00	ng	-0.01
86) Perylene-d12	20.37	264	107816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	87921m	20.87	ng	0.06
7) Phenol-d6	7.40	99	104427m	20.66	ng	0.08
23) Nitrobenzene-d5	8.72	82	50874m	12.63	ng	0.05
41) 2,4,6-Tribromophenol	13.94	330	14273	16.94	ng	0.02
44) 2-Fluorobiphenyl	11.57	172	91171	12.75	ng	0.01
78) Terphenyl-d14	17.33	244	77836	10.25	ng	-0.02
Target Compounds						
70) Phenanthrene	15.05	178	40809	3.97	ng	Qvalue 98
73) Di-n-butylphthalate	15.97	149	234112	19.67	ng	# 97
74) Fluoranthene	16.80	202	46585	4.42	ng	98
77) Pyrene	17.11	202	39344	3.15	ng	94
79) Butylbenzylphthalate	17.98	149	230948	39.70	ng	# 86

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

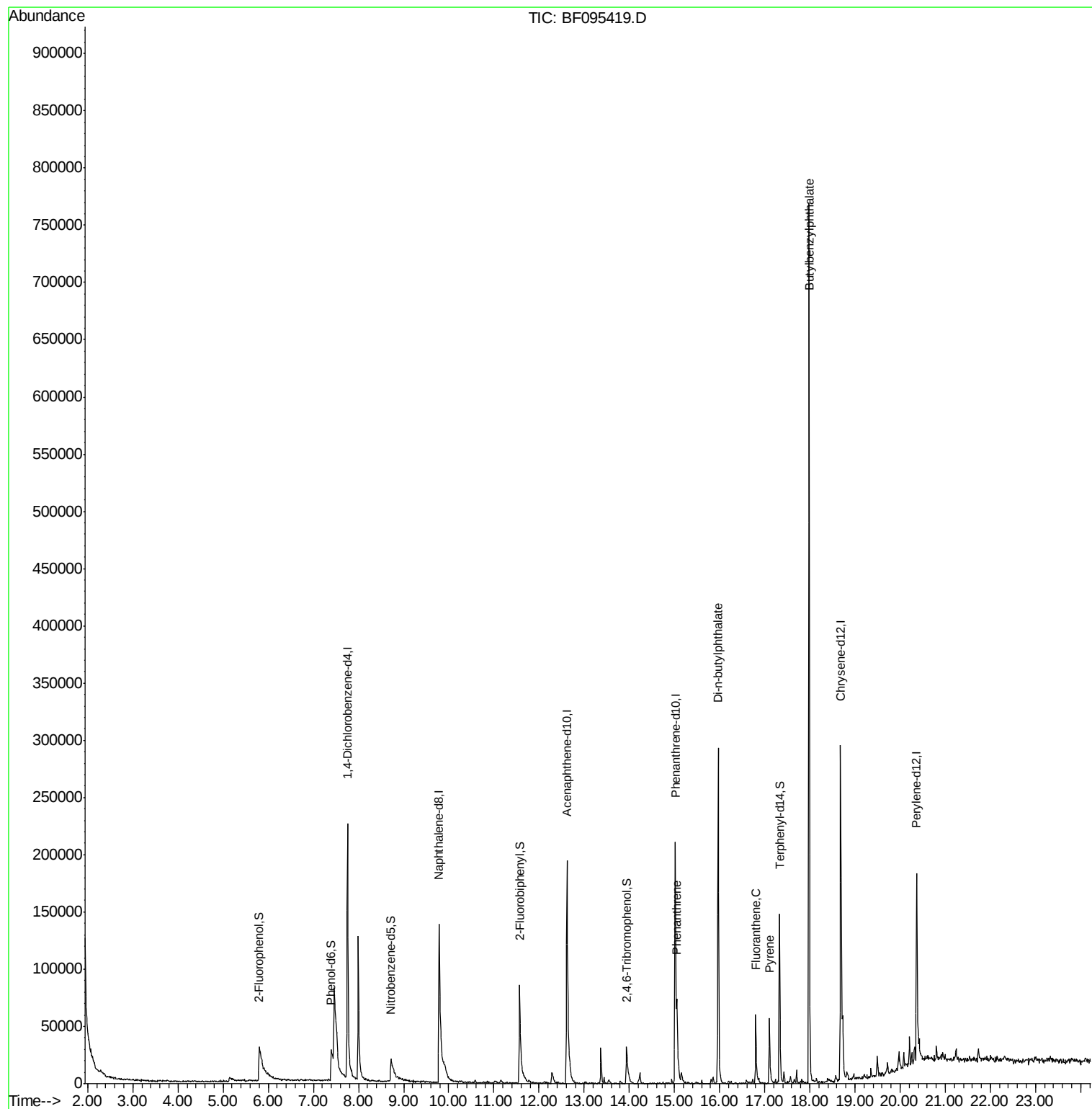
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095419.D
Acq On : 25 May 2017 10:57
Operator : SJ/MA
Sample : I3281-06DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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#1

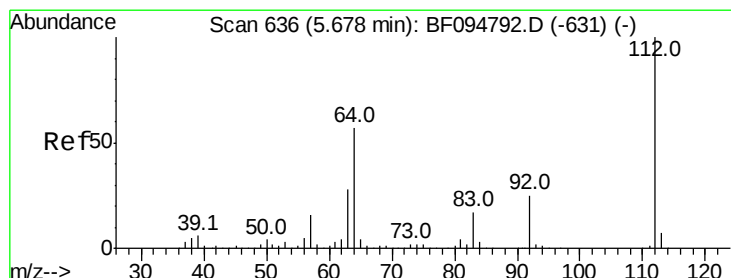
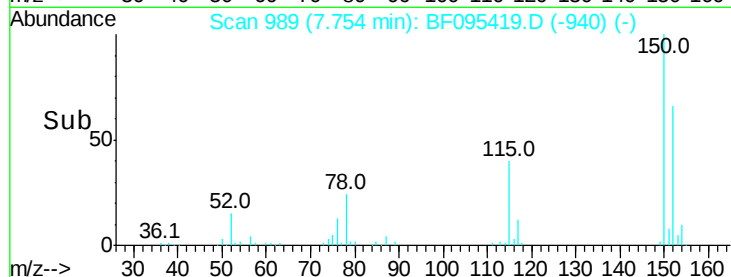
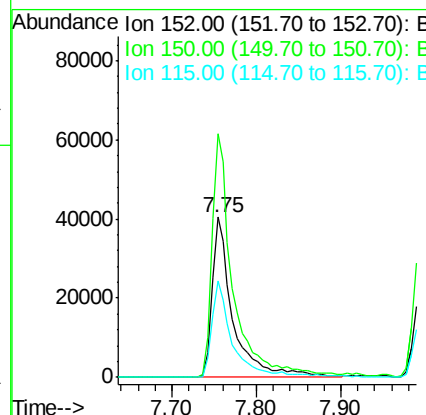
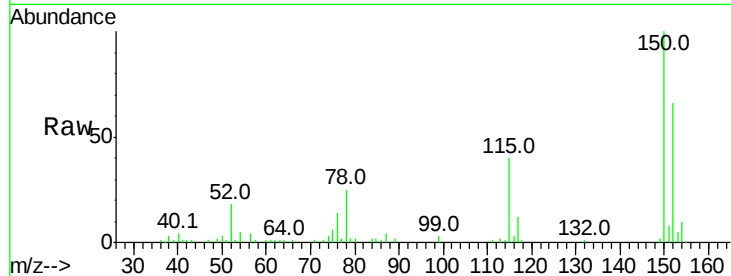
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095419.D
Acq: 25 May 2017 10:57

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.2	189.2
115	60.1	52.2	78.2

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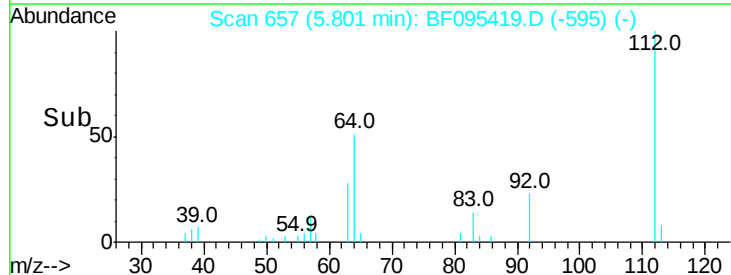
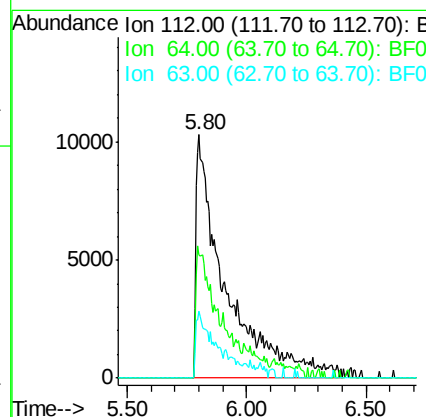
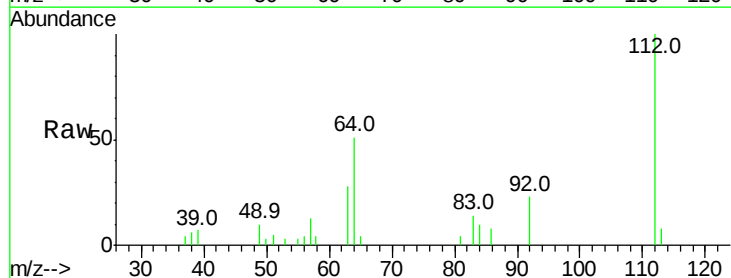
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#5

2-Fluorophenol
Concen: 20.87 ng m
RT: 5.80 min Scan# 657
Delta R.T. 0.06 min
Lab File: BF095419.D
Acq: 25 May 2017 10:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	46.0	69.0
63	27.5	23.4	35.0





#7

Phenol-d6

Concen: 20.66 ng/ml

RT: 7.40 min Scan# 928

Delta R.T. 0.08 min

Lab File: BF095419.D

Acq: 25 May 2017 10:57

Instrument :

BNA_F

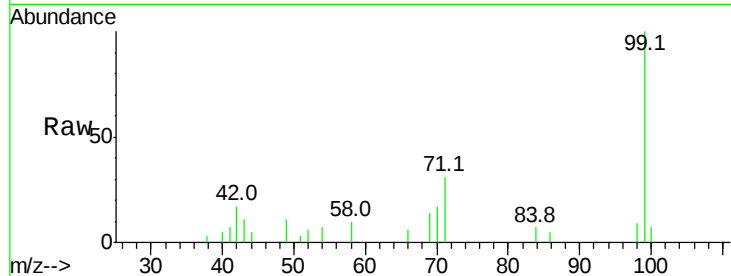
ClientSampleID :

R1-TP-3-D34DL

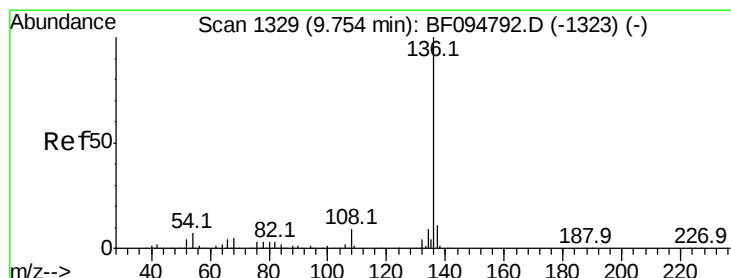
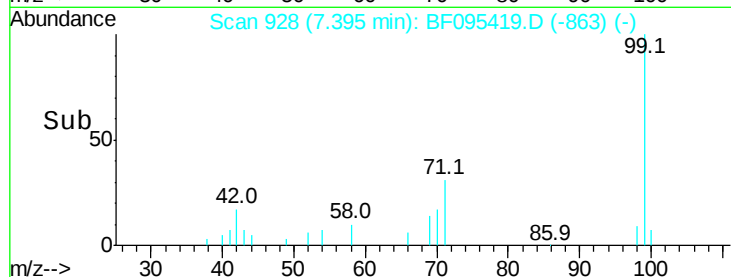
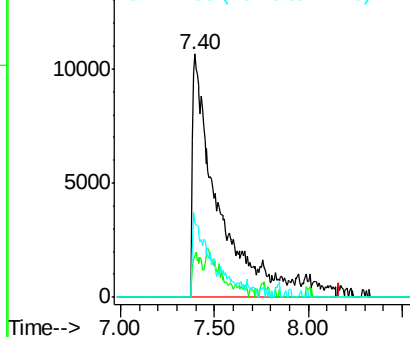
Tot Ion:	99	Resp:	104427
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	30.5	24.5	36.7

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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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

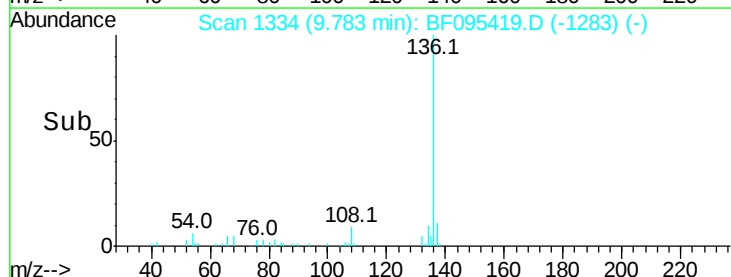
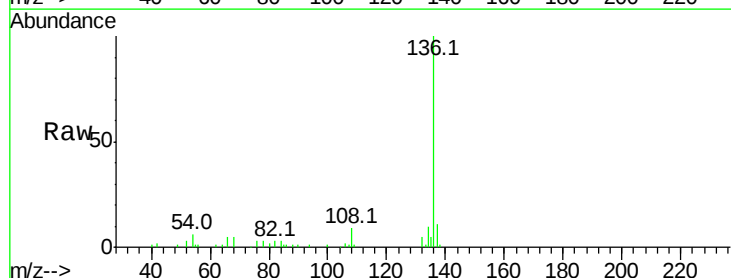
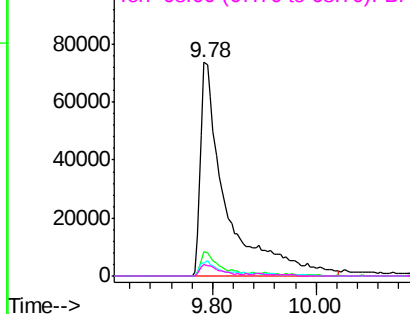
Delta R.T. 0.00 min

Lab File: BF095419.D

Acq: 25 May 2017 10:57

Tgt Ion:	136	Resp:	254003
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.2	4.9	7.3
68	5.5	4.1	6.1

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





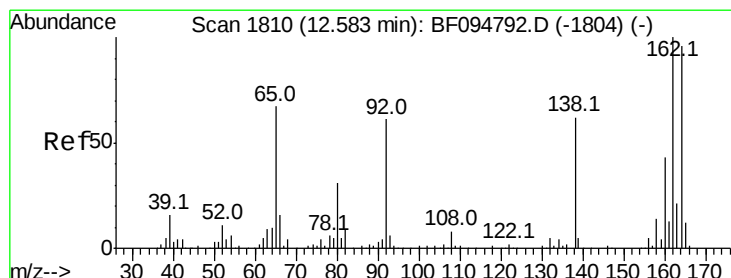
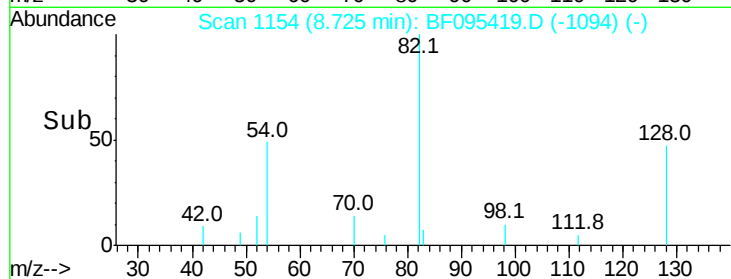
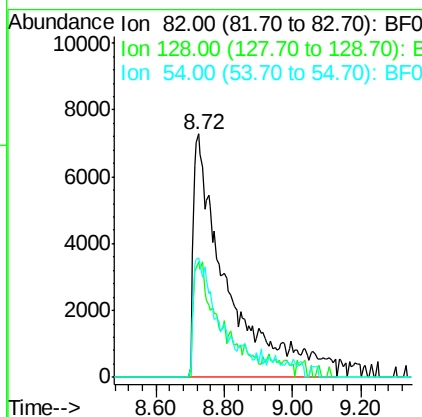
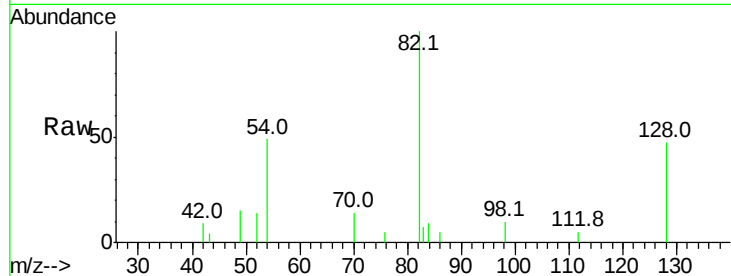
#23
 Nitrobenzene-d5
 Concen: 12.63 ng/ml
 RT: 8.72 min Scan# 1154
 Delta R.T. 0.05 min
 Lab File: BF095419.D
 Acq: 25 May 2017 10:57

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	49.3	42.2	63.2

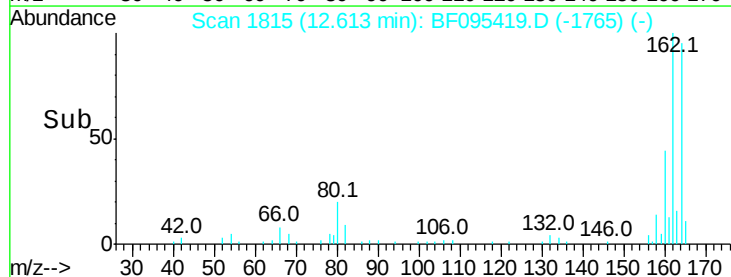
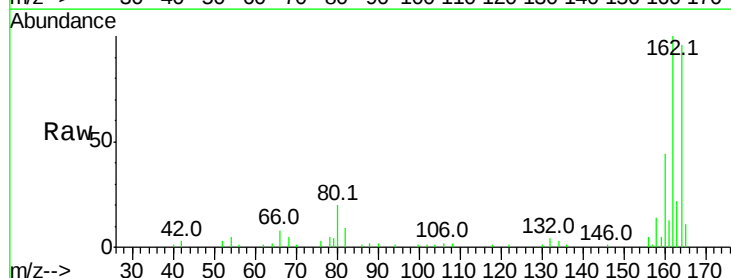
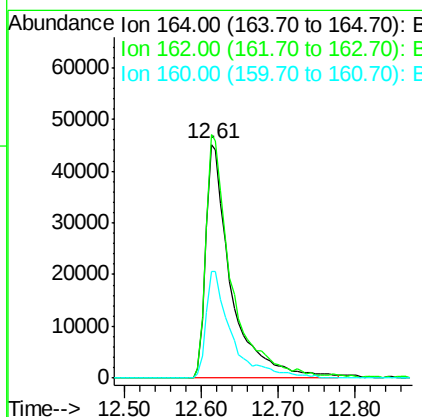
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095419.D
 Acq: 25 May 2017 10:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	45.4	36.2	54.2





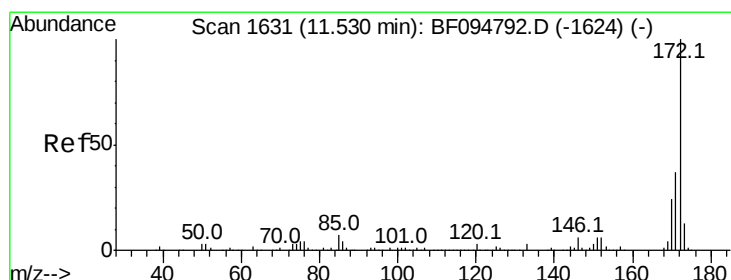
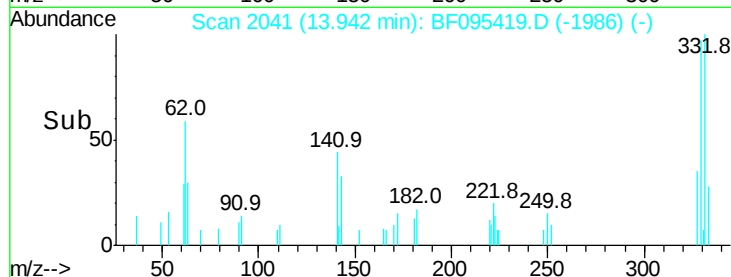
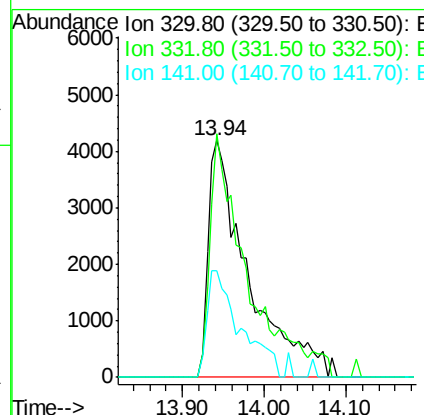
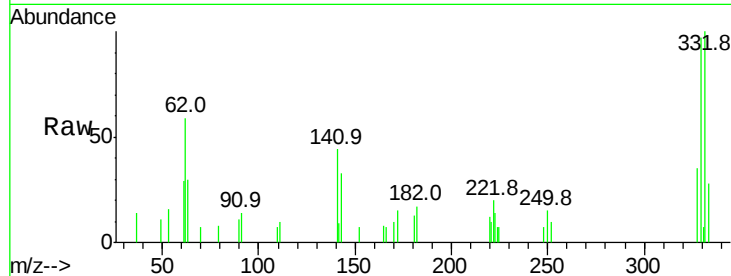
#41
 2,4,6-Tribromophenol
 Concen: 16.94 ng
 RT: 13.94 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF095419.D
 Acq: 25 May 2017 10:57

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	80.3	76.6	115.0
141	37.8	31.4	47.2

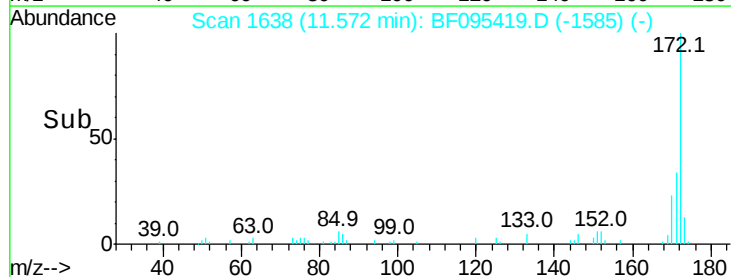
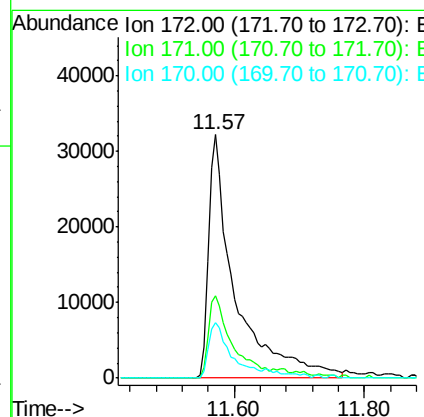
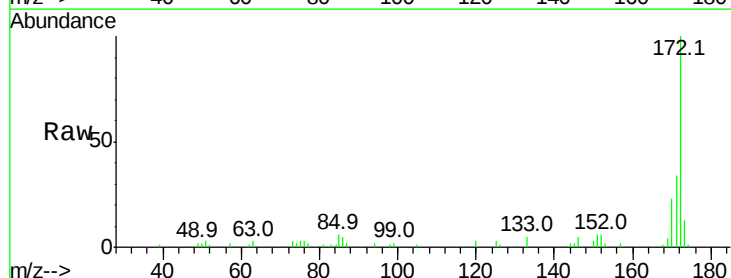
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#44
 2-Fluorobiphenyl
 Concen: 12.75 ng
 RT: 11.57 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF095419.D
 Acq: 25 May 2017 10:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.6	44.4
170	23.0	19.8	29.8





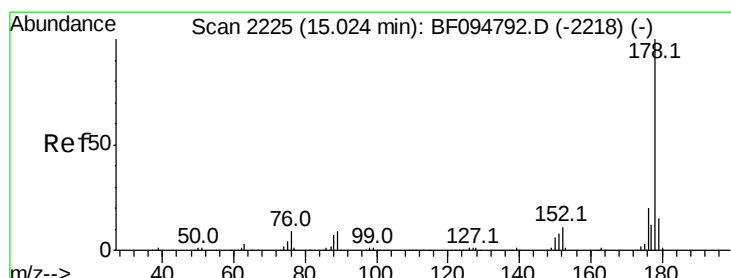
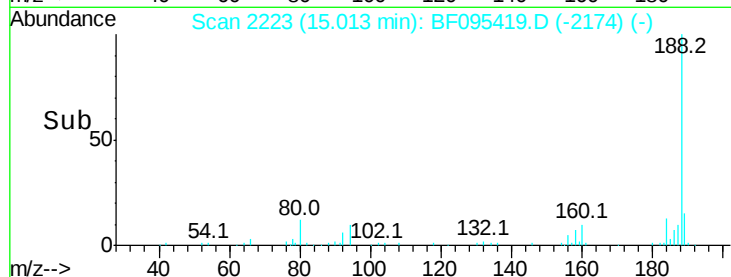
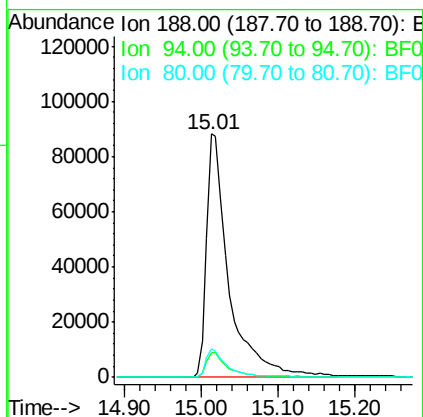
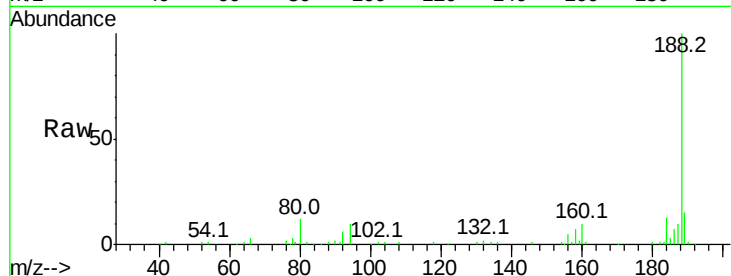
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095419.D
Acq: 25 May 2017 10:57

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	178732		
94	10.1		9.4	14.2
80	11.8		10.2	15.2

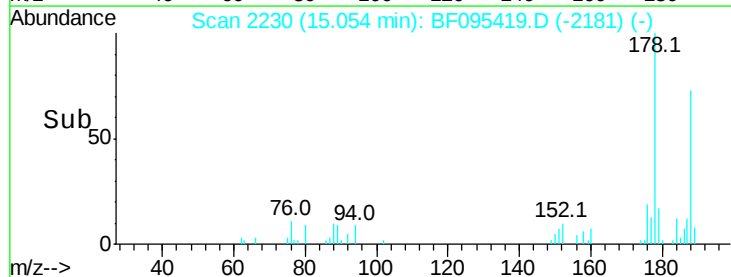
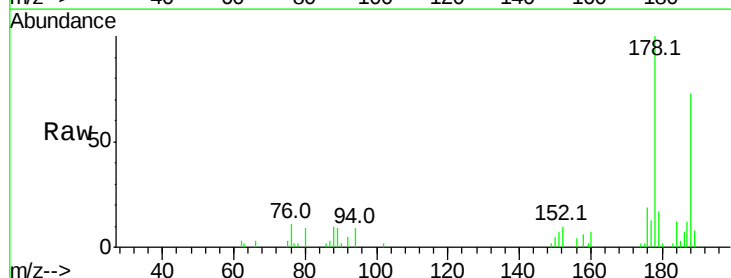
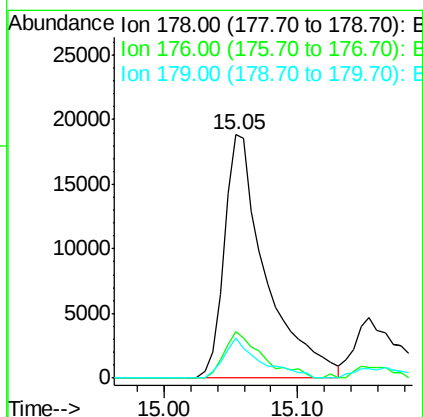
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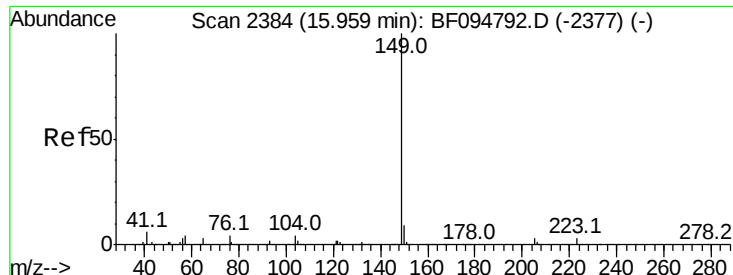
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#70
Phenanthrene
Concen: 3.97 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095419.D
Acq: 25 May 2017 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	40809		
176	19.3		16.2	24.4
179	16.5		12.6	19.0





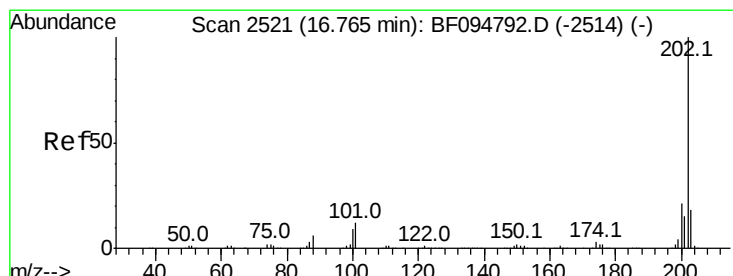
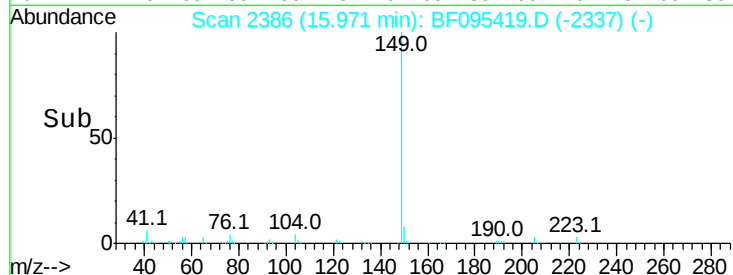
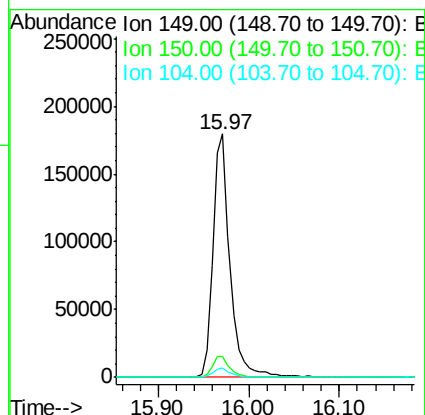
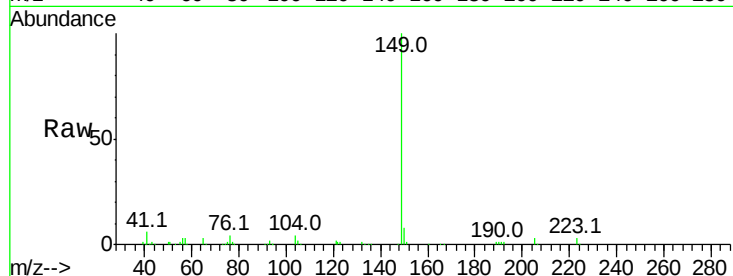
#73
Di-n-butylphthalate
Concen: 19.67 ng
RT: 15.97 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF095419.D
Acq: 25 May 2017 10:57

Instrument :
BNA_F
Client Sample Id :
R1-TP-3-D34DL

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	8.4	7.7	11.5
104	3.9	4.0	6.0

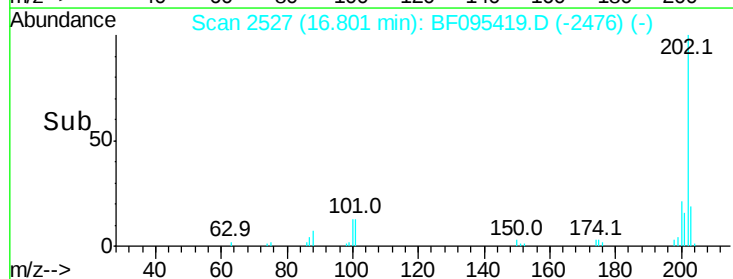
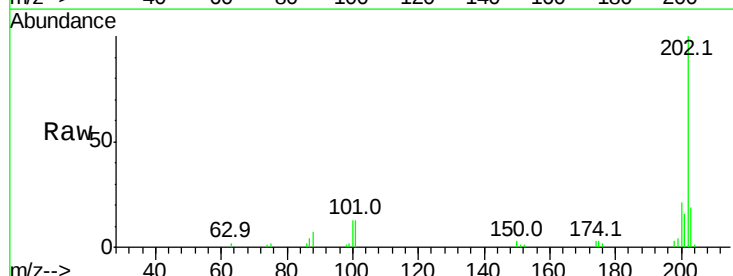
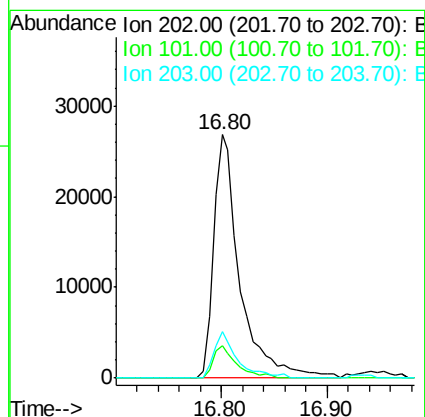
Manual Integrations
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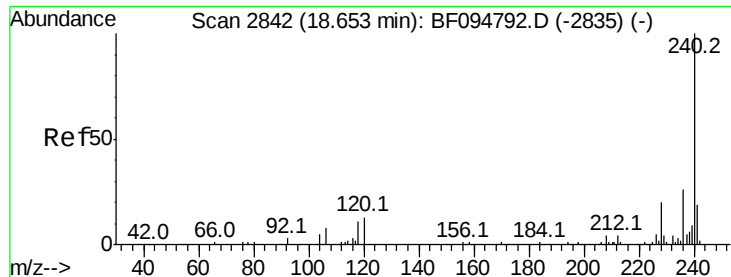
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#74
Fluoranthene
Concen: 4.42 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095419.D
Acq: 25 May 2017 10:57

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	33.2
203	19.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095419.D

Acq: 25 May 2017 10:57

Instrument :

BNA_F

ClientSampled :

R1-TP-3-D34DL

Tot Ion:240 Resp: 167210

Ion Ratio Lower Upper

240 100

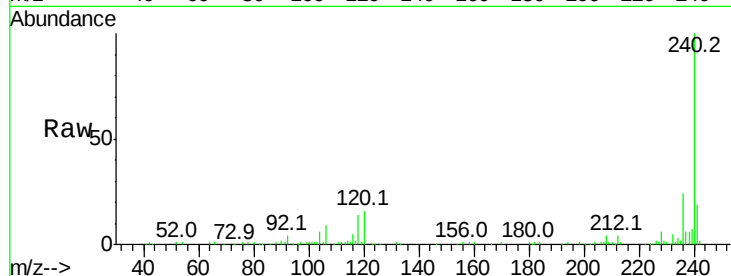
120 16.3 5.8 8.8#

236 23.8 20.5 30.7

Manual Integrations
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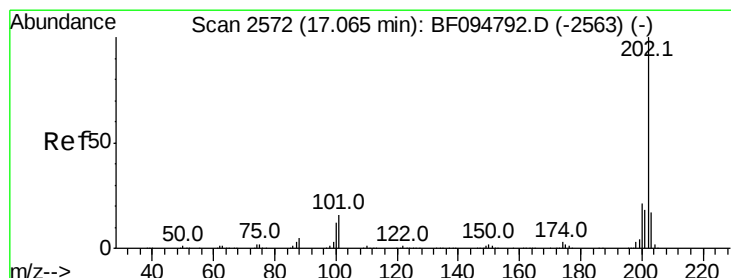
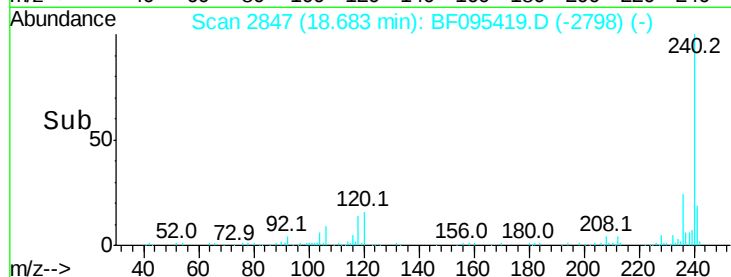
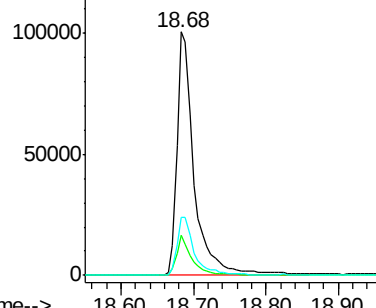
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.15 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095419.D

Acq: 25 May 2017 10:57

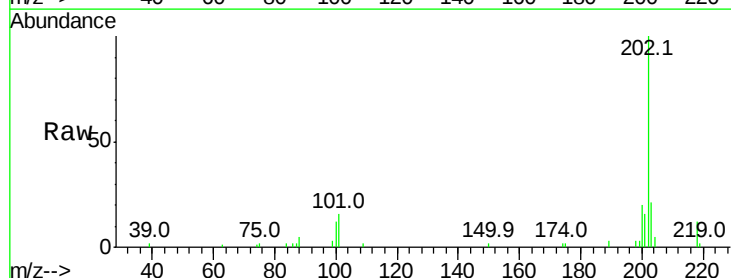
Tgt Ion:202 Resp: 39344

Ion Ratio Lower Upper

202 100

200 19.8 17.6 26.4

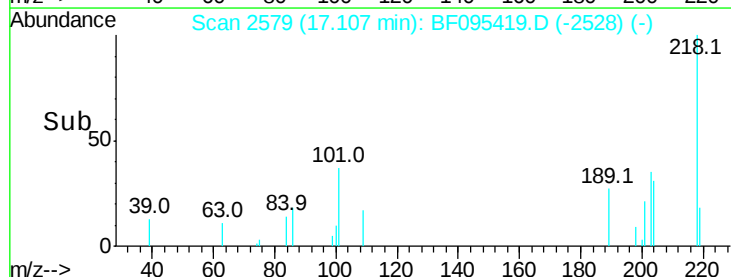
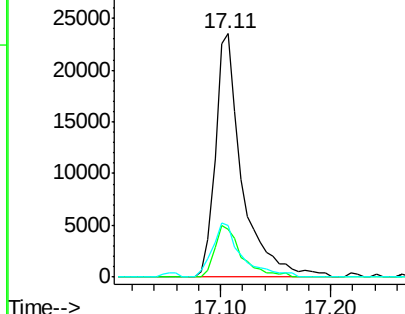
203 21.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





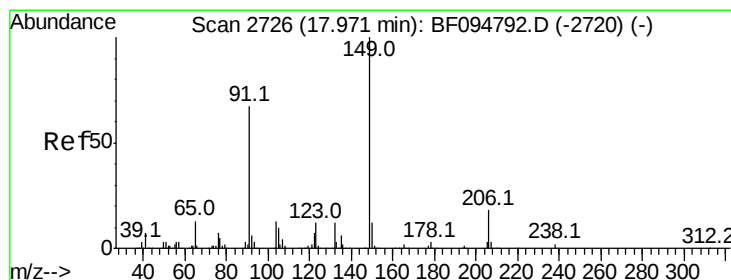
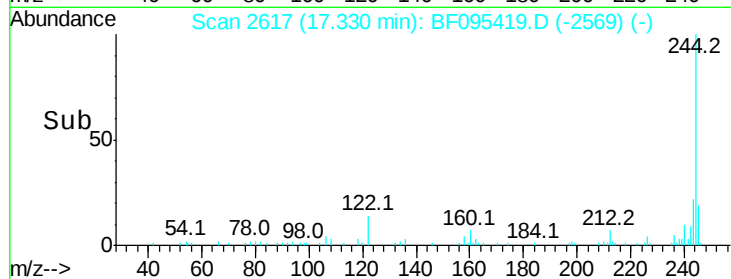
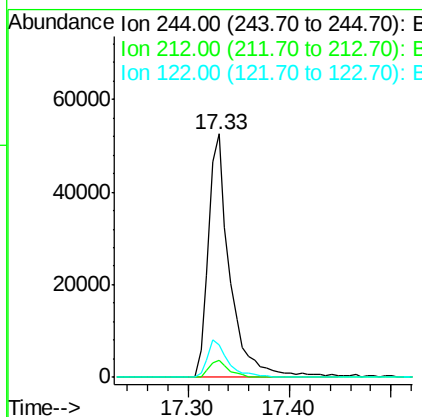
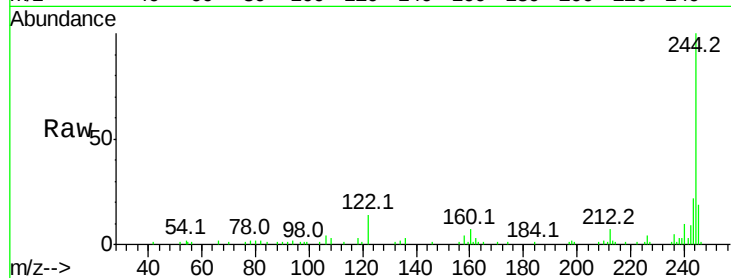
#78
 Terphenyl-d14
 Concen: 10.25 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095419.D
 Acq: 25 May 2017 10:57

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.5	10.3	15.5

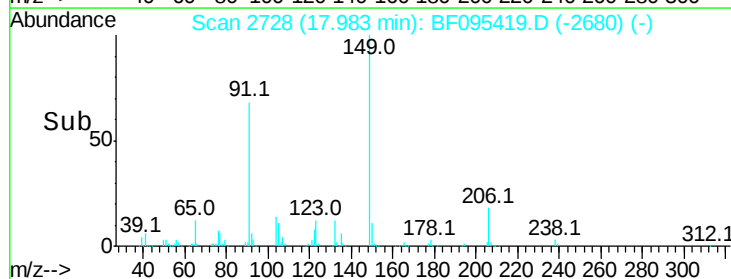
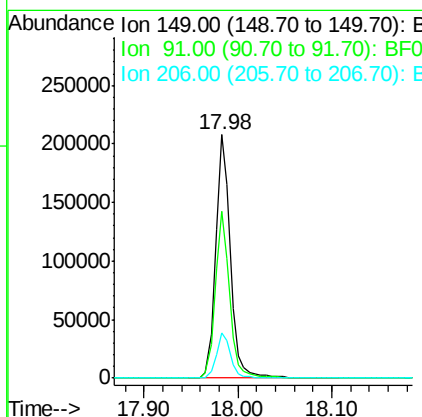
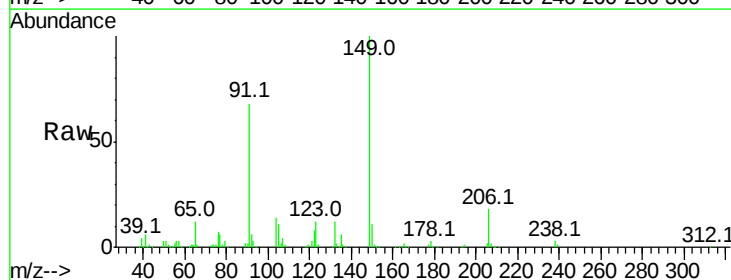
Manual Integrations
 APPROVED

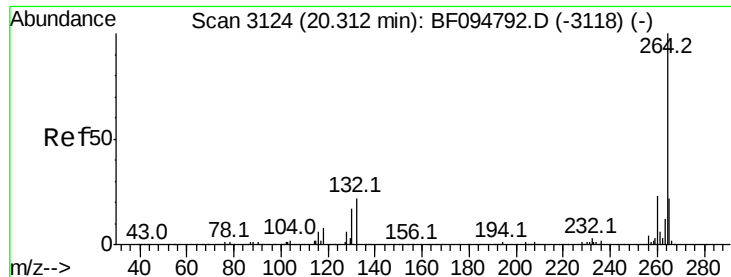
mohammad
 5/25/2017 6:11:26 PM



#79
 Butylbenzylphthalate
 Concen: 39.70 ng
 RT: 17.98 min Scan# 2728
 Delta R.T. -0.02 min
 Lab File: BF095419.D
 Acq: 25 May 2017 10:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	45.0	67.4#
206	18.5	17.0	25.6





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095419.D
Acq: 25 May 2017 10:57

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	23.4	17.2	25.8

Manual Integrations
APPROVED

mohammad
5/25/2017 6:11:26 PM

