

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094693.D
 Acq On : 28 Apr 2017 19:38
 Operator : SJ/MA
 Sample : I2873-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-VNJ224

Manual Integrations
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Quant Time: Apr 29 01:32:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113915	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	442631	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	185889	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	287743	20.00	ng	0.00
75) Chrysene-d12	14.47	240	230295	20.00	ng	0.00
86) Perylene-d12	16.10	264	177405	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	85474	12.45	ng	0.03
7) Phenol-d6	5.40	99	639614	79.02	ng	0.00
23) Nitrobenzene-d5	6.42	82	693641	96.76	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	18412	12.66	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1233756	97.65	ng	0.00
78) Terphenyl-d14	13.20	244	877436	101.84	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	96029	6.93	ng	98
70) Phenanthrene	11.25	178	46013	2.84	ng	99
73) Di-n-butylphthalate	11.97	149	168415	9.72	ng	97
74) Fluoranthene	12.71	202	54002	3.22	ng	98
77) Pyrene	12.98	202	48866	3.04	ng	97
79) Butylbenzylphthalate	13.81	149	14899	2.11	ng	91
87) Benzo(b)fluoranthene	15.69	252	24754m	2.28	ng	

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

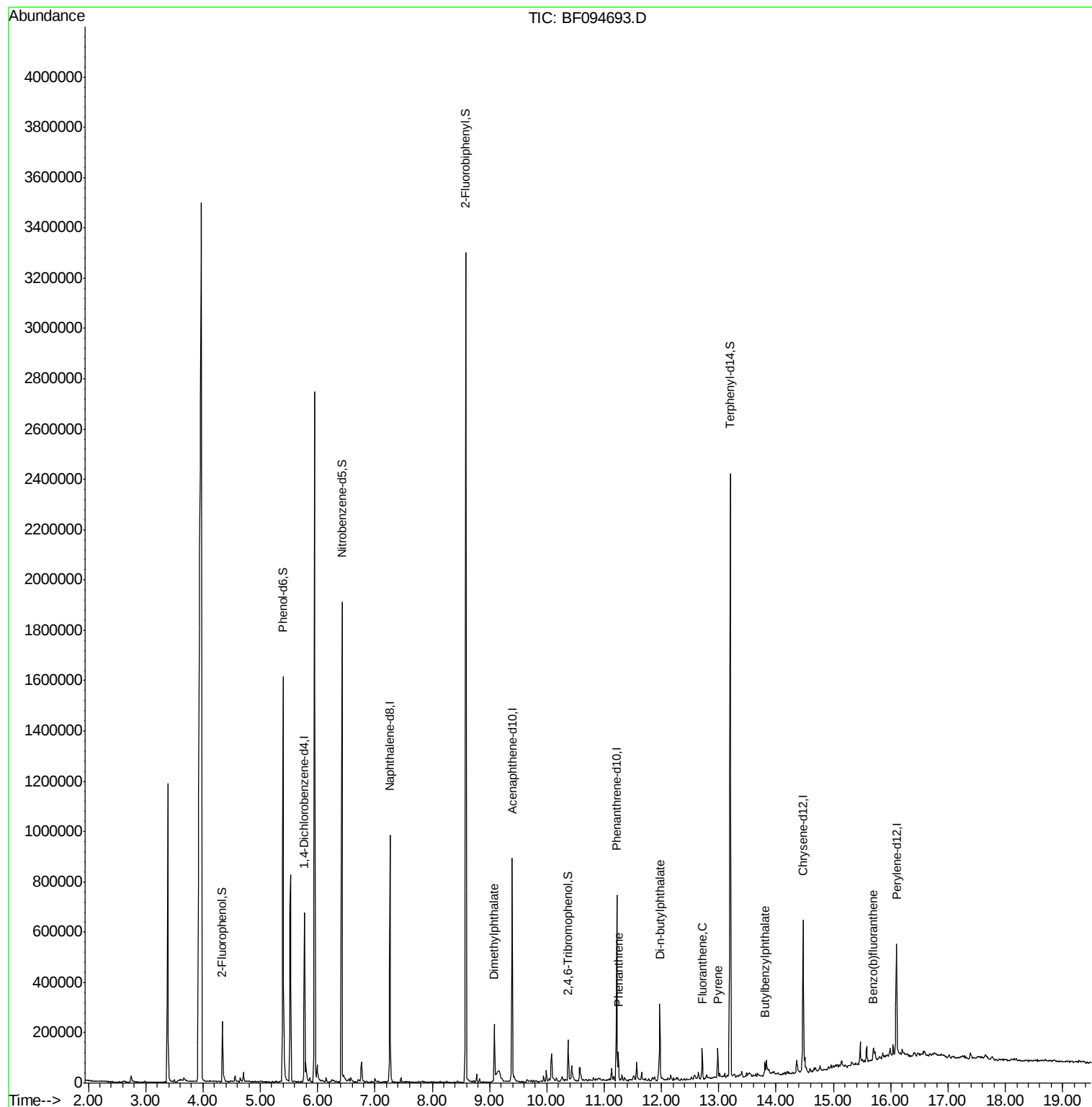
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094693.D
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Sample : I2873-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

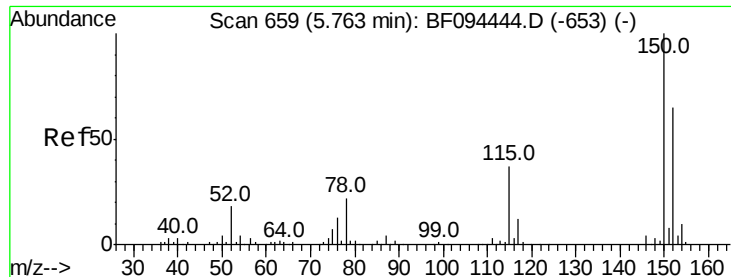
Instrument :
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ROLLOFF-VNJ224

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Quant Time: Apr 29 01:32:16 2017
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Response via : Initial Calibration





#1

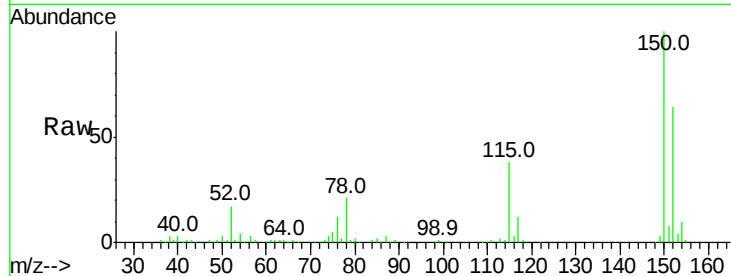
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094693.D
Acq: 28 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ224

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	59.6	52.2	78.2

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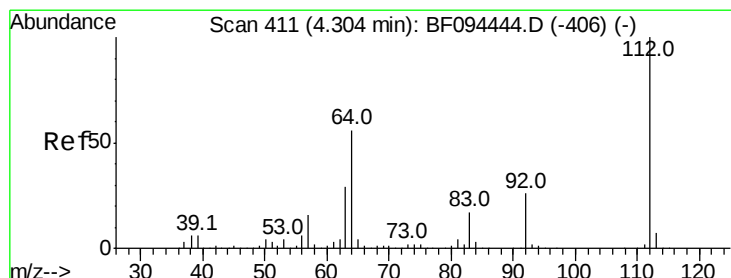
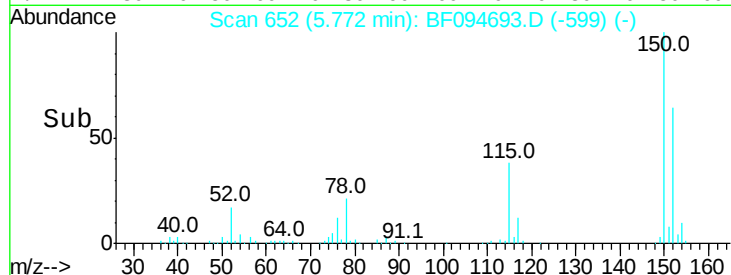
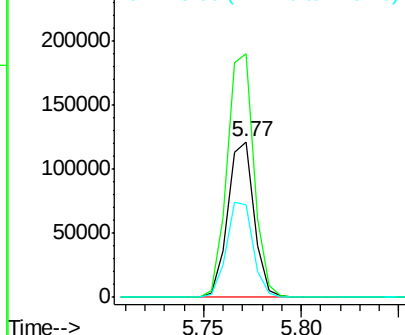


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

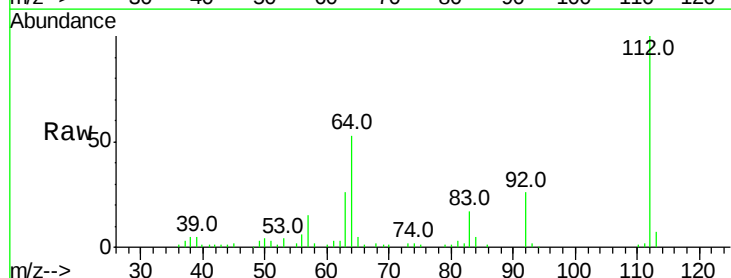
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 12.45 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094693.D
Acq: 28 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	46.0	69.0
63	26.5	23.4	35.0

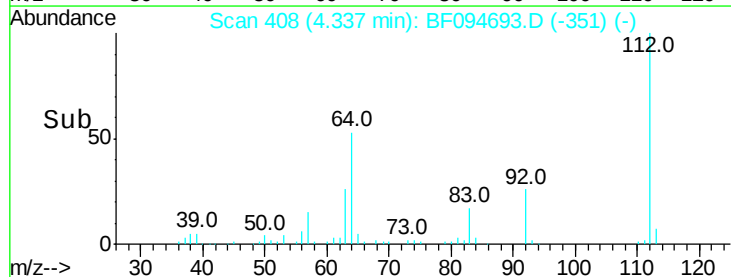
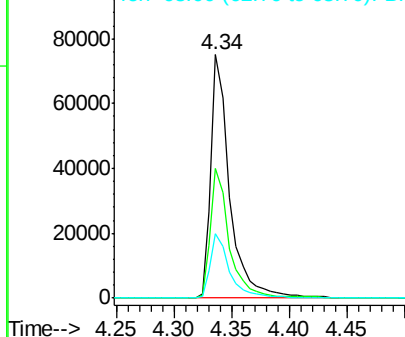


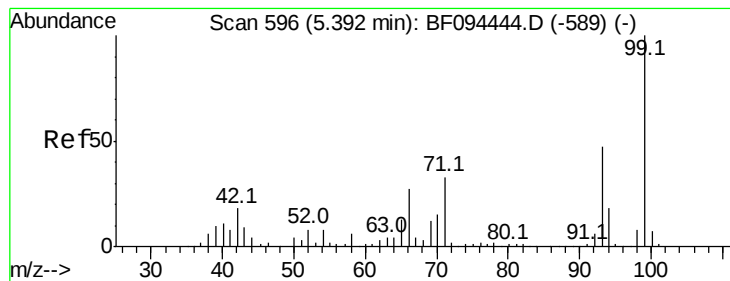
Abundance

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: 79.02 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094693.D

Acq: 28 Apr 2017 19:38

Instrument :

BNA_F

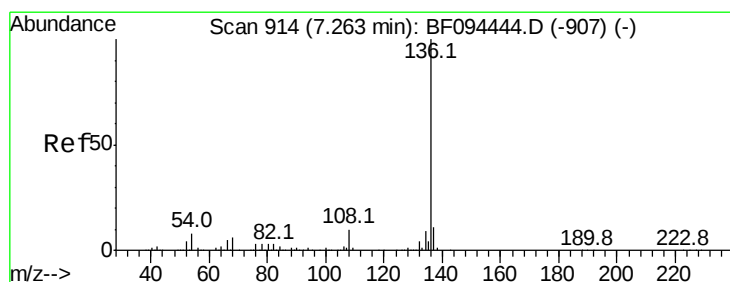
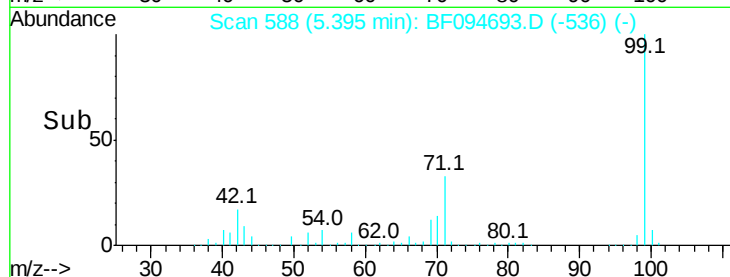
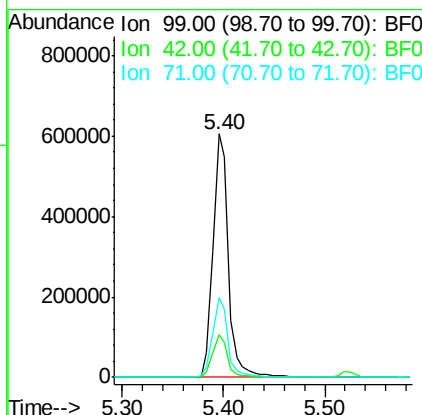
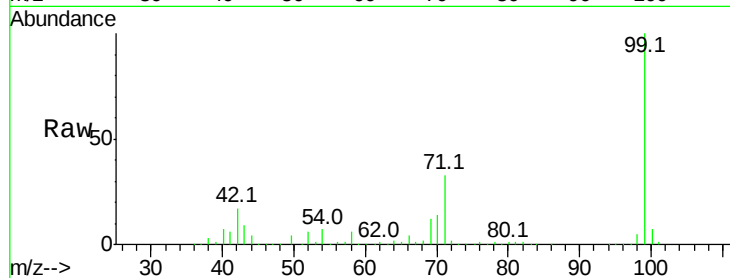
ClientSampleId :

ROLLOFF-VNJ224

Tot Ion:	99	Resp:	639614
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	32.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

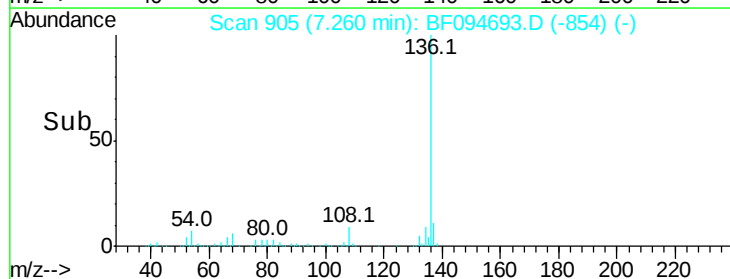
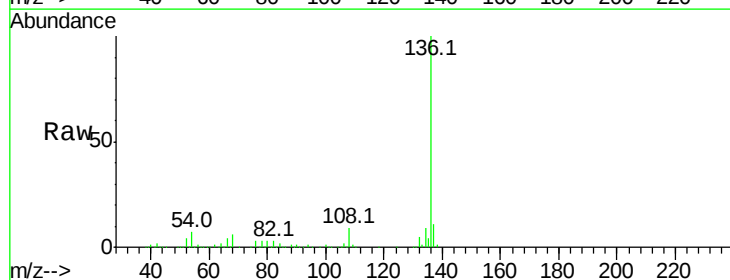
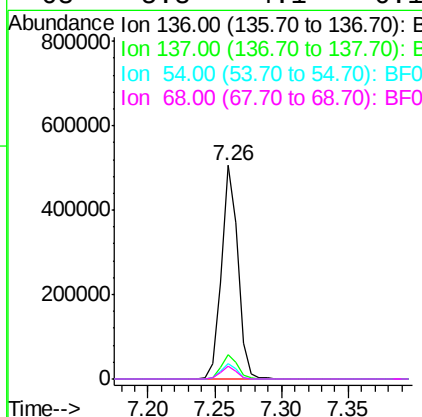
RT: 7.26 min Scan# 905

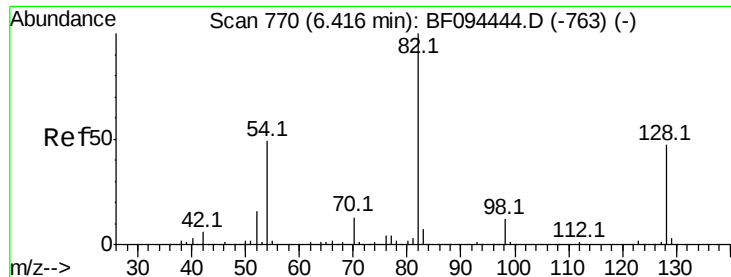
Delta R.T. -0.00 min

Lab File: BF094693.D

Acq: 28 Apr 2017 19:38

Tgt Ion:	136	Resp:	442631
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.4	4.9	7.3#
68	5.8	4.1	6.1





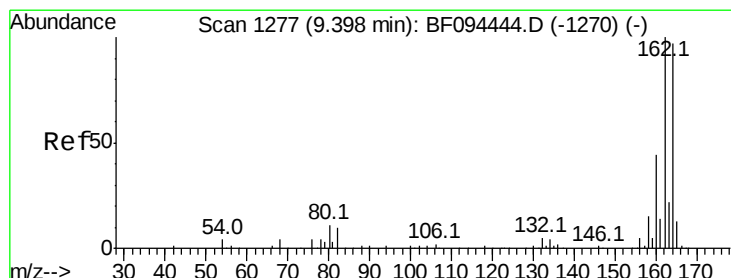
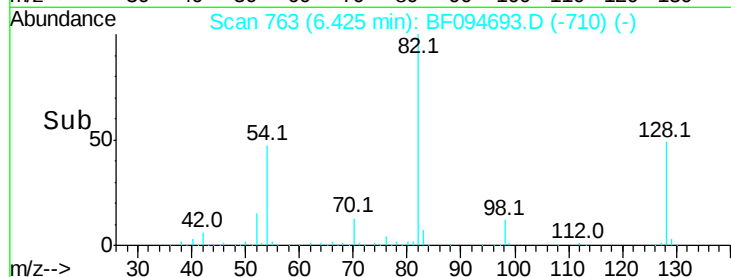
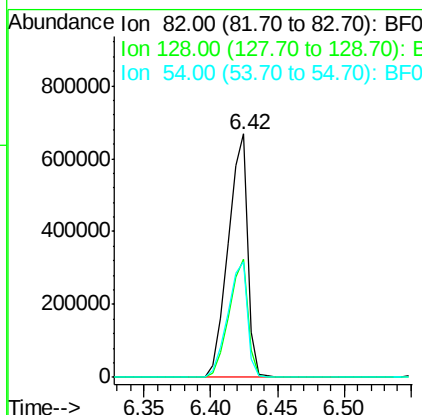
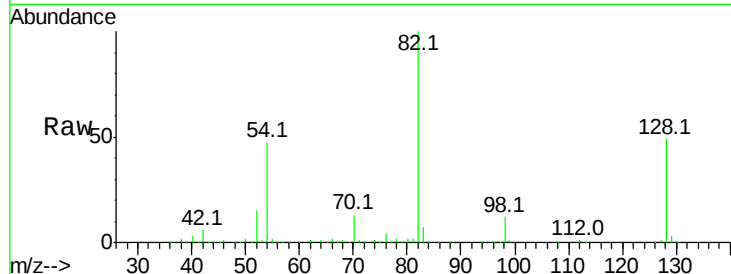
#23
 Nitrobenzene-d5
 Concen: 96.76 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-VNJ224

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	47.4	42.2	63.2

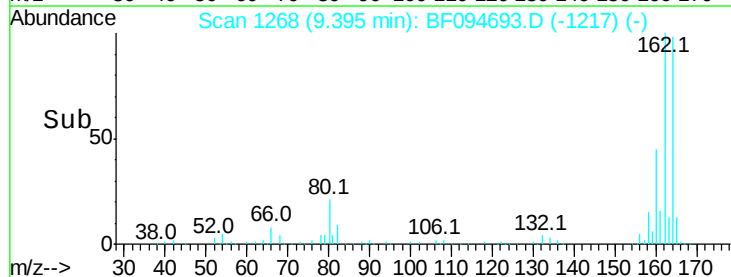
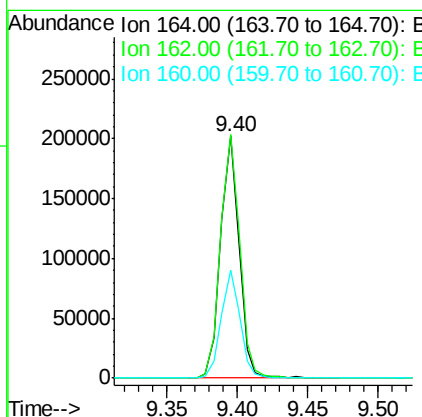
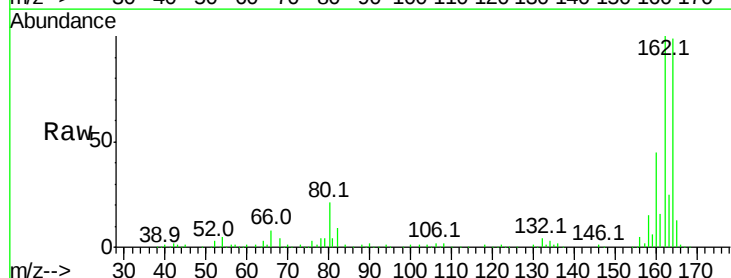
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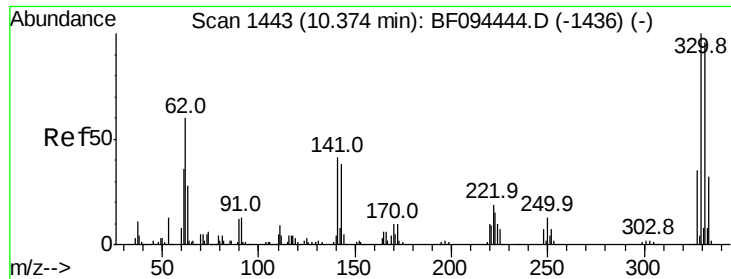
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	44.8	36.2	54.2





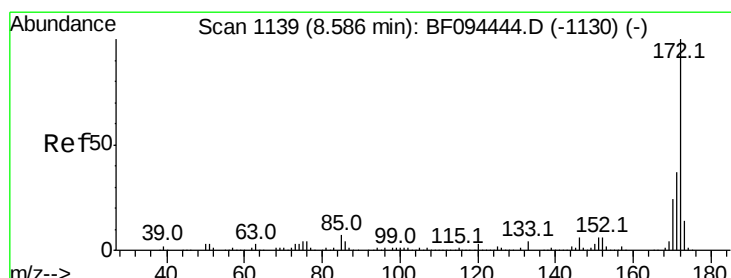
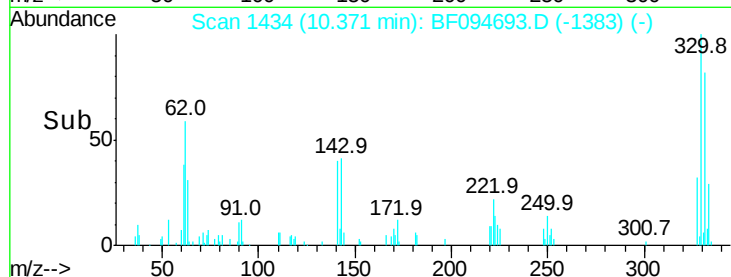
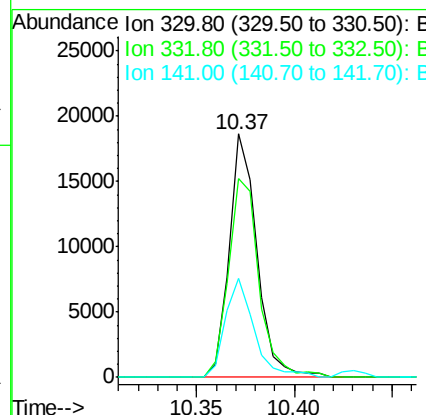
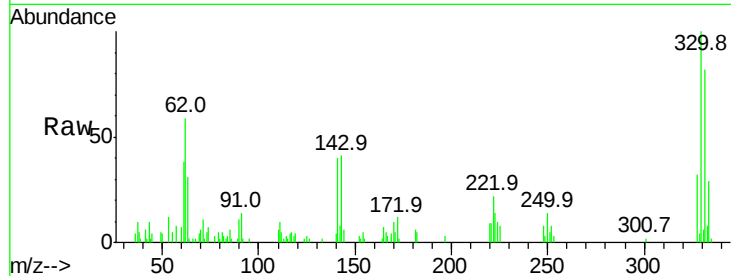
#41
 2,4,6-Tribromophenol
 Concen: 12.66 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-VNJ224

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.2	76.6	115.0
141	41.9	31.4	47.2

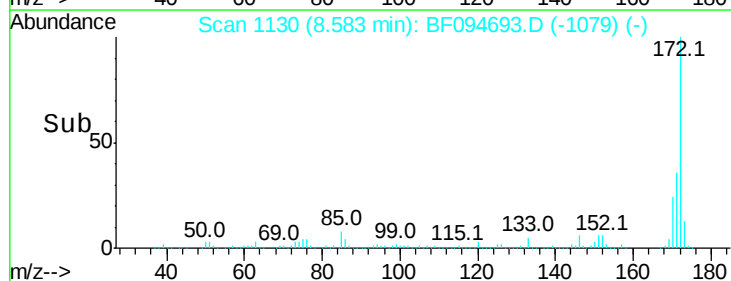
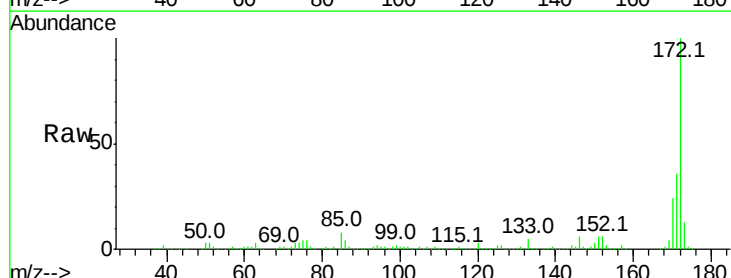
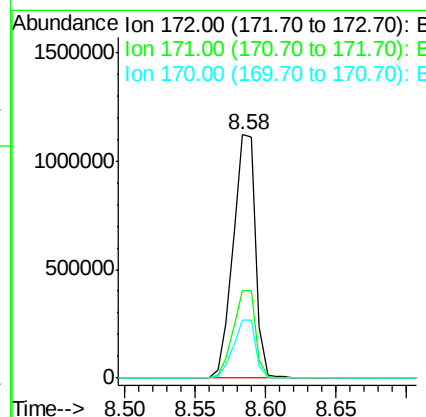
Manual Integrations
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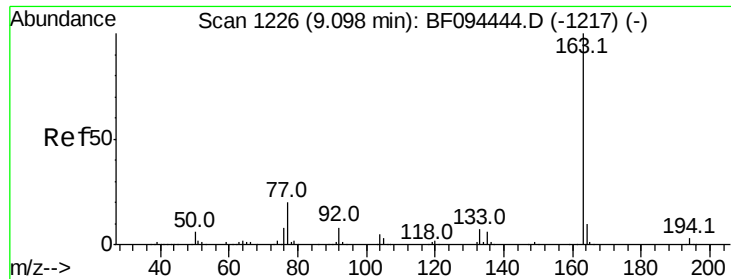
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#44
 2-Fluorobiphenyl
 Concen: 97.65 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8





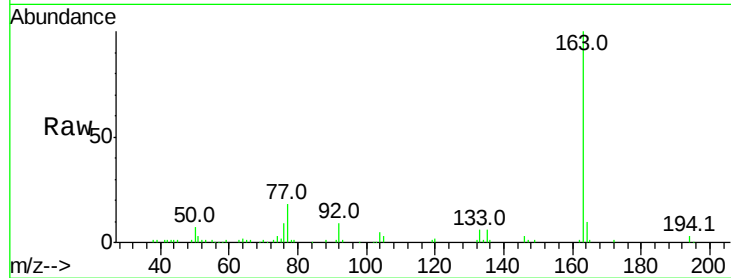
#49
Dimethylphthalate
Concen: 6.93 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094693.D
Acq: 28 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ224

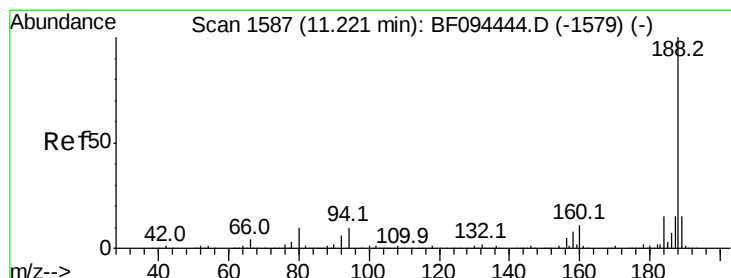
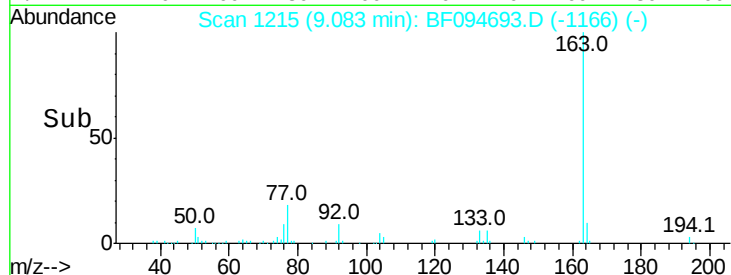
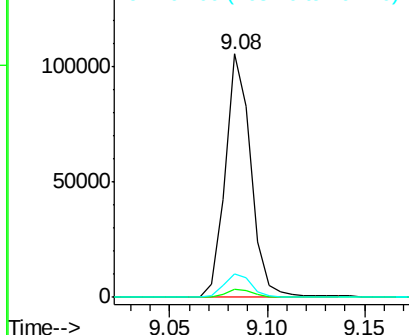
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.6	8.4	12.6	

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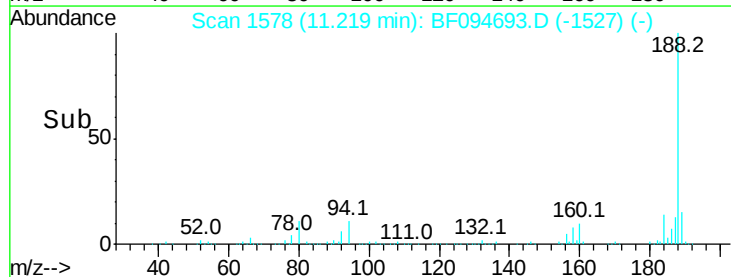
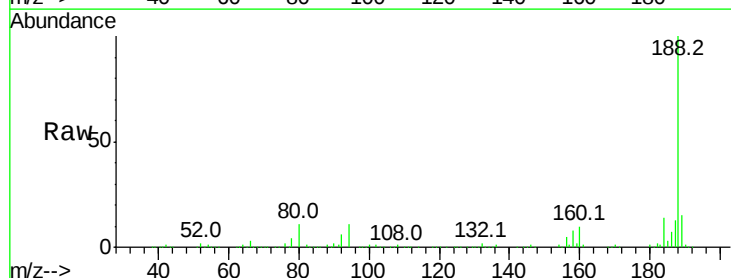
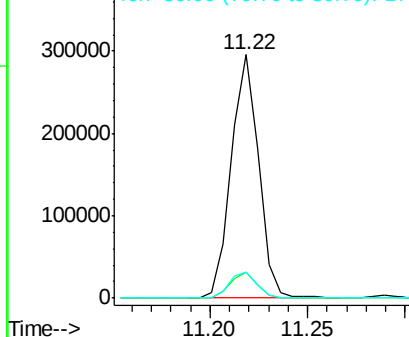
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

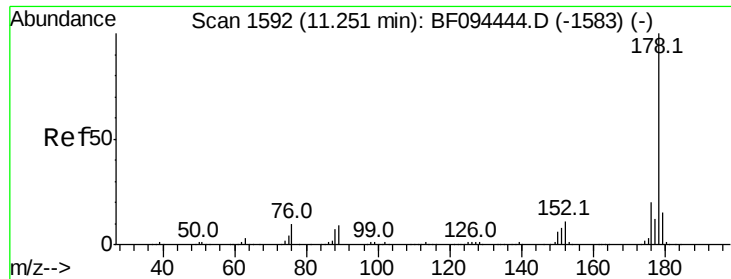


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094693.D
Acq: 28 Apr 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	10.9	10.2	15.2	

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





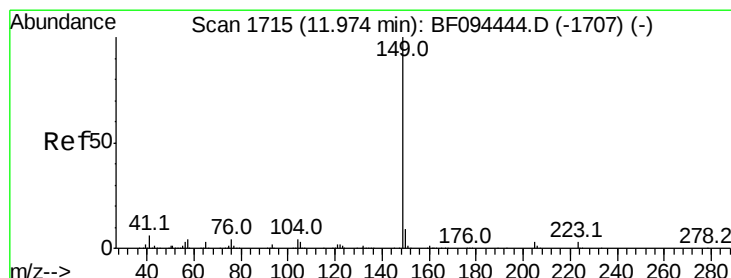
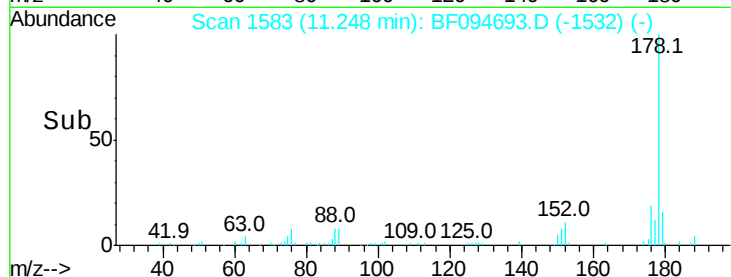
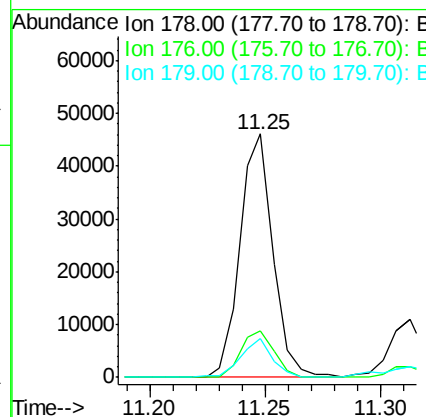
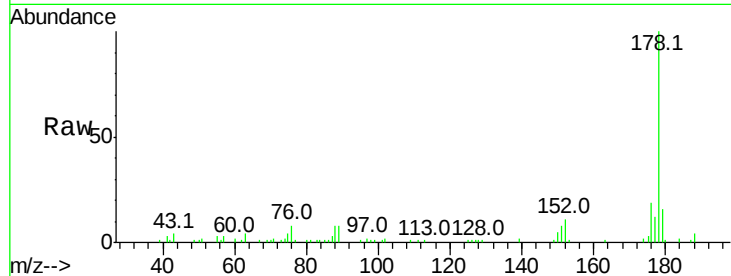
#70
 Phenanthrene
 Concen: 2.84 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-VNJ224

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.7	12.6	19.0

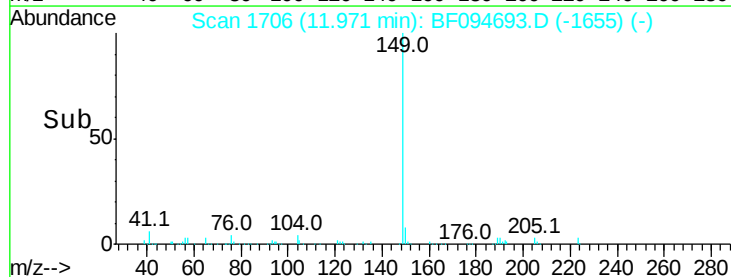
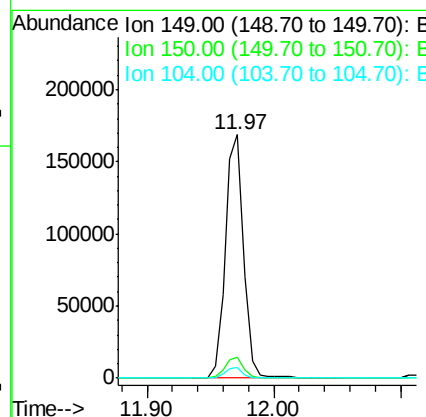
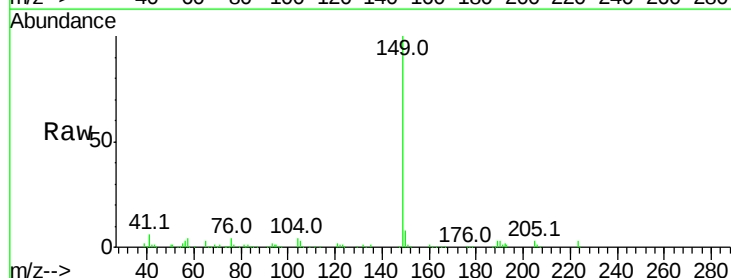
Manual Integrations
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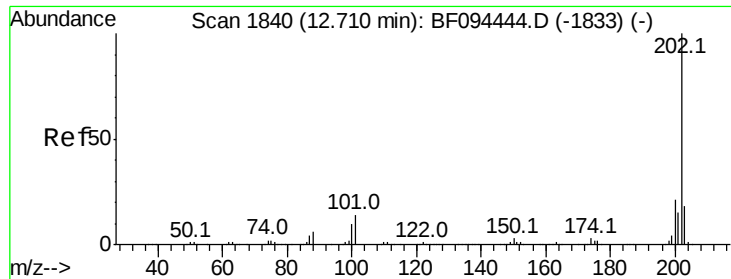
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#73
 Di-n-butylphthalate
 Concen: 9.72 ng
 RT: 11.97 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.7	11.5
104	4.1	4.0	6.0





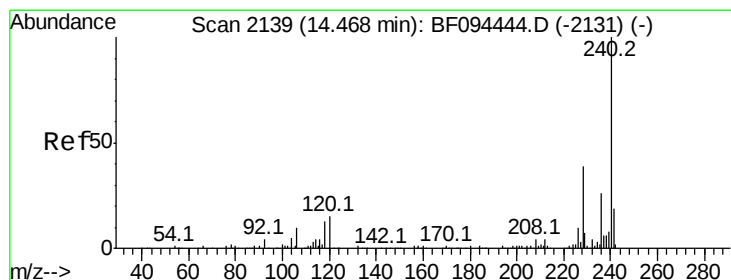
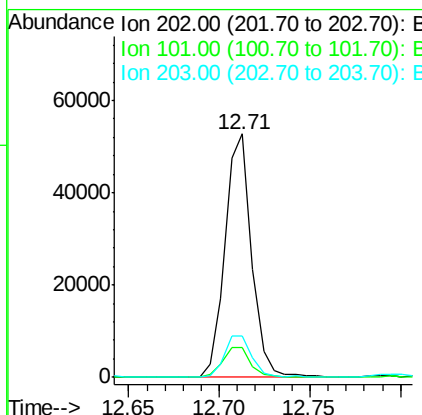
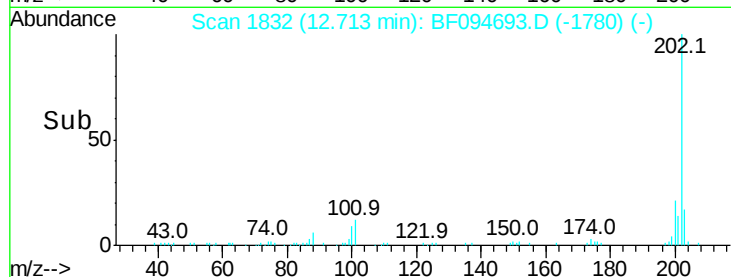
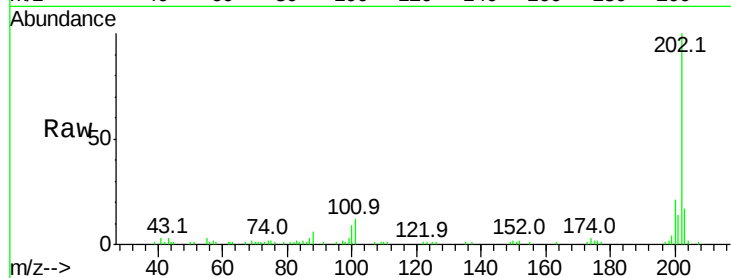
#74
Fluoranthene
 Concen: 3.22 ng
 RT: 12.71 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-VNJ224

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.9	0.0	38.1

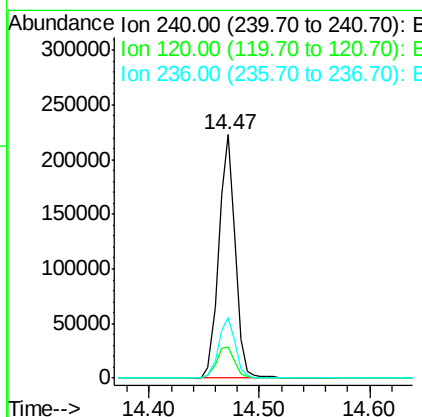
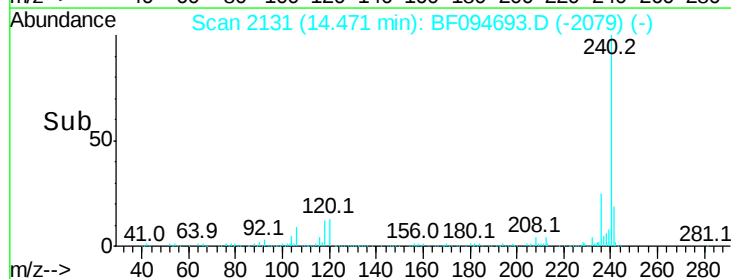
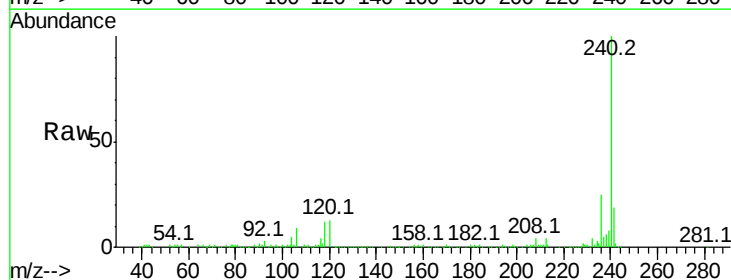
Manual Integrations
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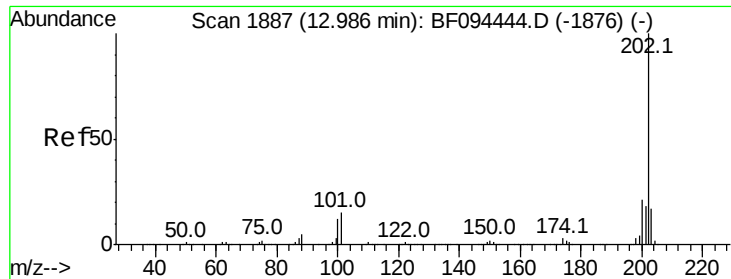
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	24.9	20.5	30.7





#77

Pvrene

Concen: 3.04 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094693.D

Acq: 28 Apr 2017 19:38

Instrument :

BNA_F

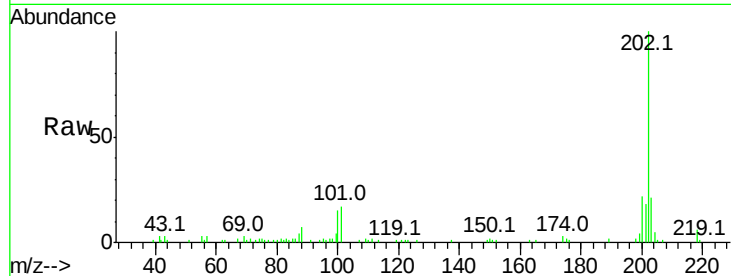
ClientSampleId :

ROLLOFF-VNJ224

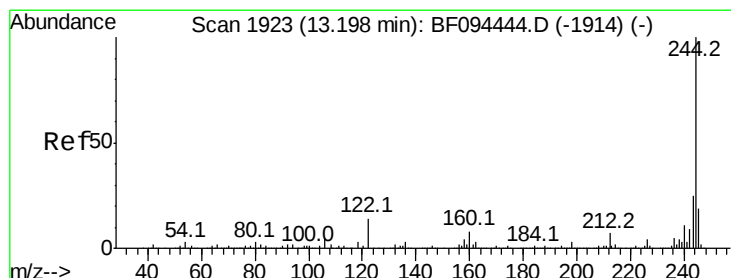
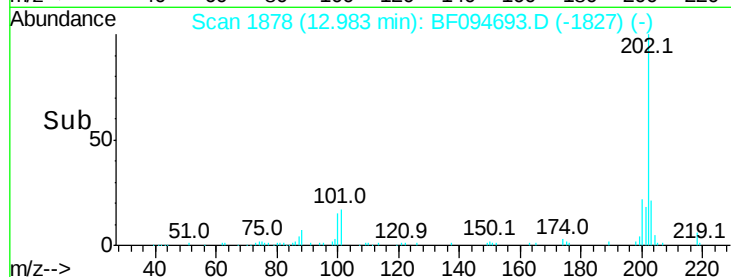
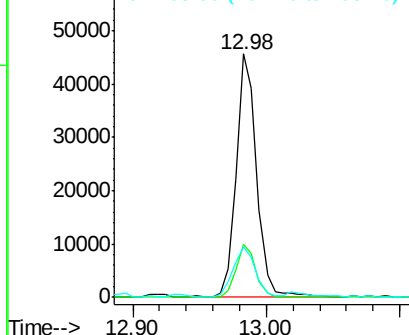
Tot Ion:202	Resp:	48866
Ion Ratio	Lower	Upper
202 100		
200 21.6	17.6	26.4
203 20.6	14.4	21.6

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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: 101.84 ng

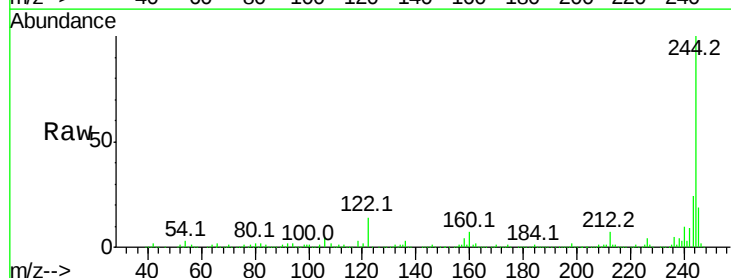
RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

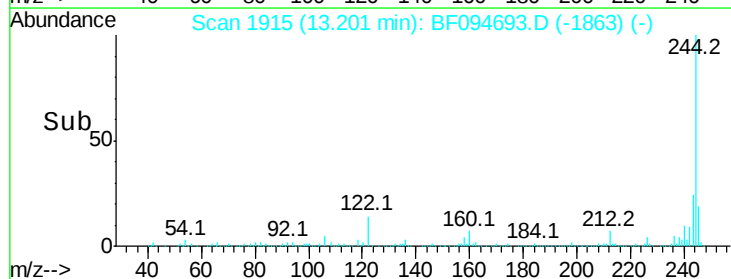
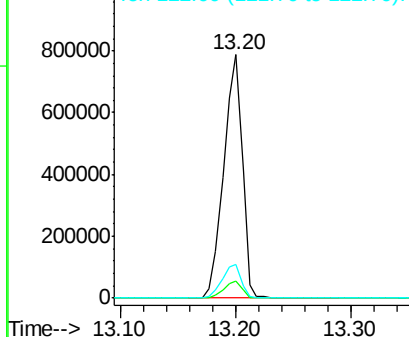
Lab File: BF094693.D

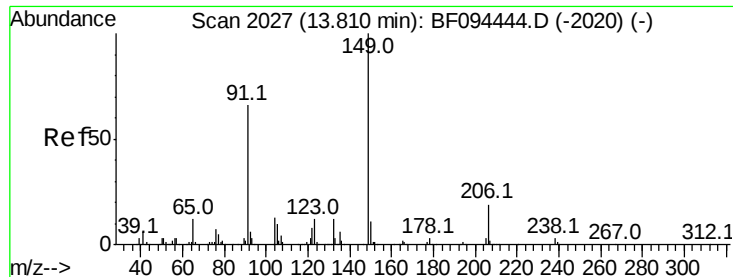
Acq: 28 Apr 2017 19:38

Tgt Ion:244	Resp:	877436
Ion Ratio	Lower	Upper
244 100		
212 6.8	6.0	9.0
122 13.6	10.3	15.5



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





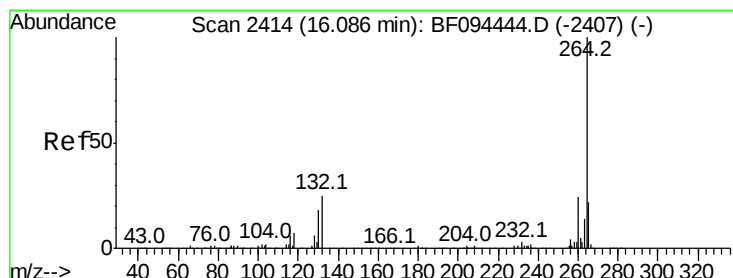
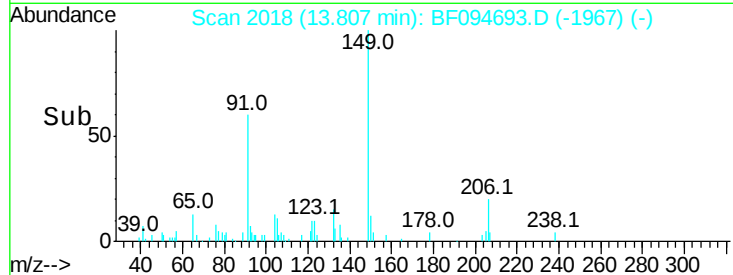
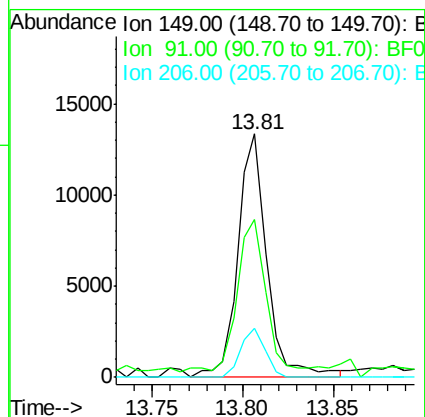
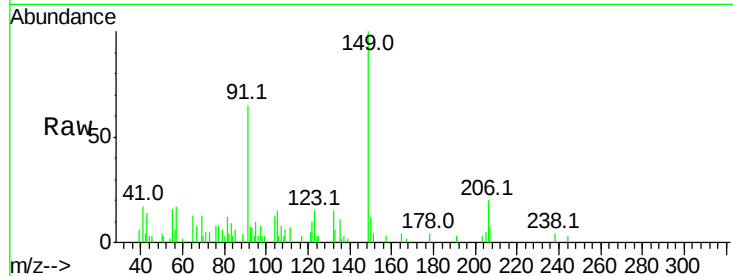
#79
Butylbenzylphthalate
Concen: 2.11 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094693.D
Acq: 28 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ224

Tot Ion:	149	Resp:	14899
Ion Ratio	Lower	Upper	
149	100		
91	64.6	45.0	67.4
206	20.1	17.0	25.6

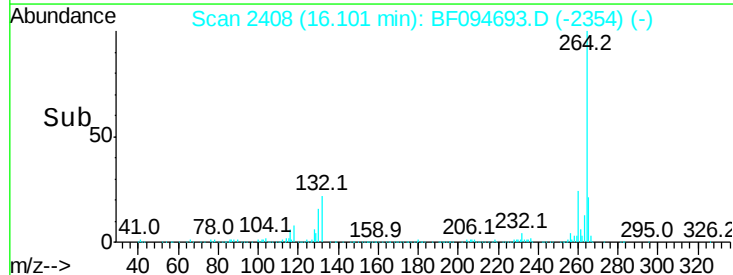
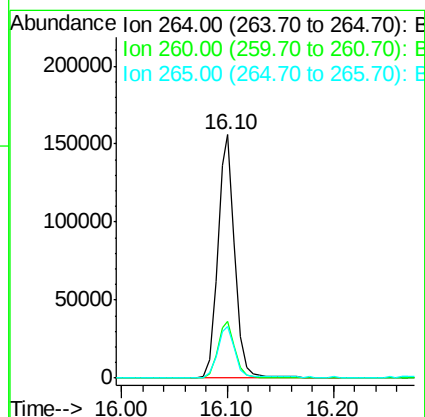
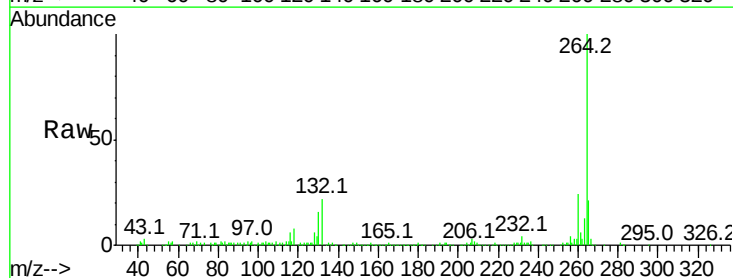
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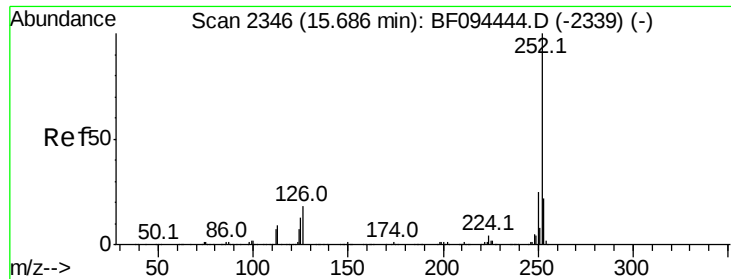
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094693.D
Acq: 28 Apr 2017 19:38

Tgt Ion:	264	Resp:	177405
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.4	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.28 ng m
 RT: 15.69 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: BF094693.D
 Acq: 28 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-VNJ224

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	21.7	9.8	14.8

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