

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114032.D
 Acq On : 29 Apr 2019 19:28
 Operator : JU/SJ
 Sample : K2583-02 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30055-23933

Manual Integrations
 APPROVED

Sohil
 4/30/2019 6:42:28 PM

Quant Time: Apr 30 07:10:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	106498	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	358609	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	174052	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	339632	20.00	ng	0.00
76) Chrysene-d12	14.07	240	181186	20.00	ng	0.00
87) Perylene-d12	15.59	264	199835	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	67900	10.90	ng	0.00
7) Phenol-d6	6.53	99	90928	11.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	74511	12.83	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	22698	10.71	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	108608	9.76	ng	-0.01
79) Terphenyl-d14	13.00	244	110237	12.47	ng	0.00
Target Compounds						
31) Naphthalene	8.20	128	195698	11.487	ng	Qvalue # 96
37) 2-Methylnaphthalene	8.89	142	173680	15.118	ng	98
38) 1-Methylnaphthalene	8.99	142	89075m	8.034	ng	
46) 1,1'-Biphenyl	9.35	154	36704	2.760	ng	98
74) Di-n-butylphthalate	11.97	149	61983	3.427	ng	97
80) Butylbenzylphthalate	13.47	149	11877	2.382	ng	# 78
84) Bis(2-ethylhexyl)phthalate	14.05	149	56746	8.947	ng	# 78

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

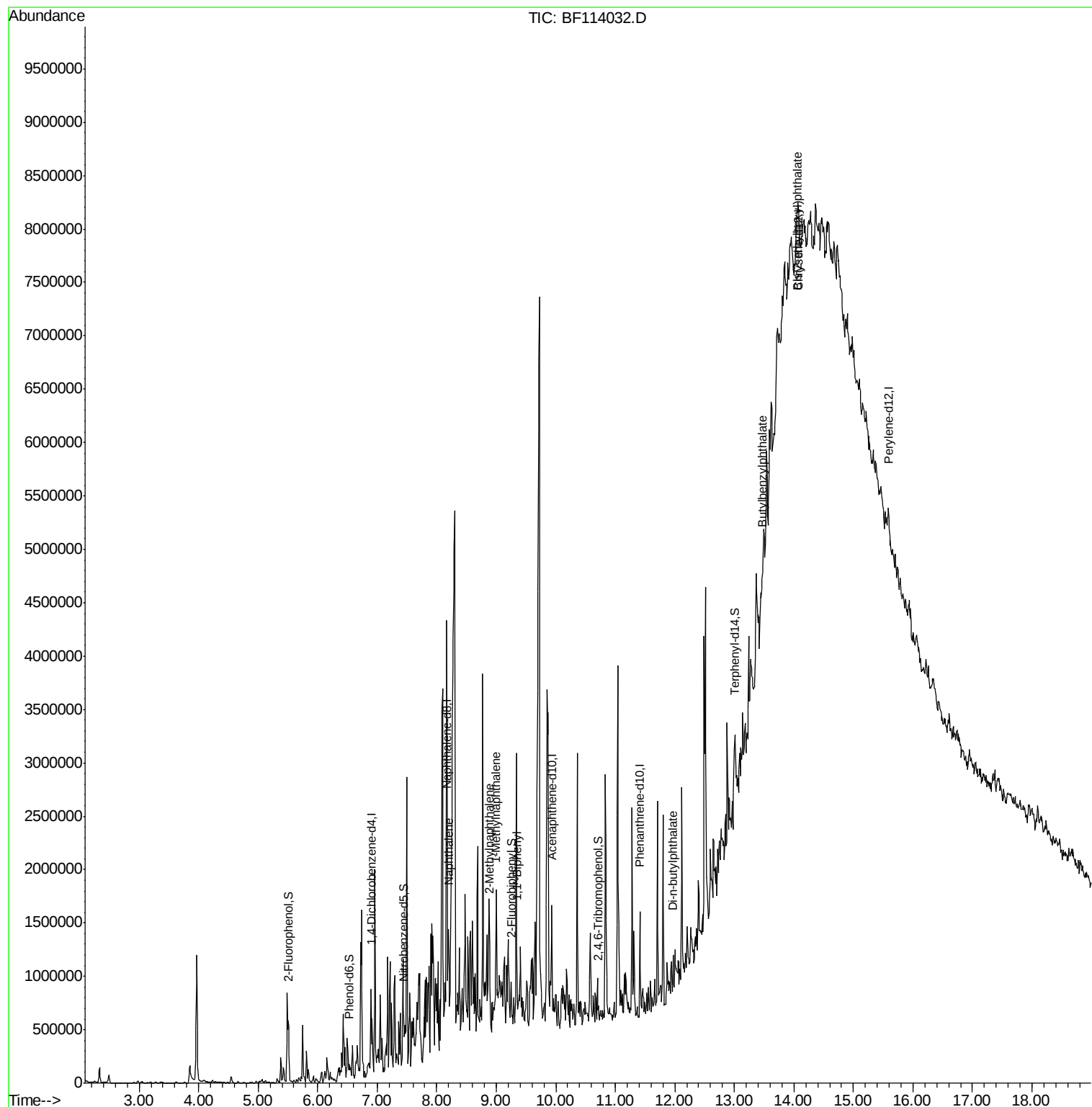
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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ALS Vial : 10 Sample Multiplier: 1

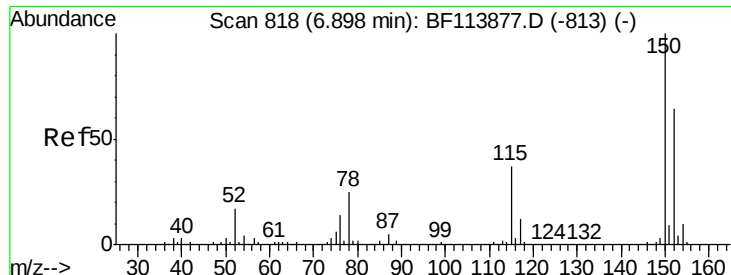
Instrument :
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30055-23933

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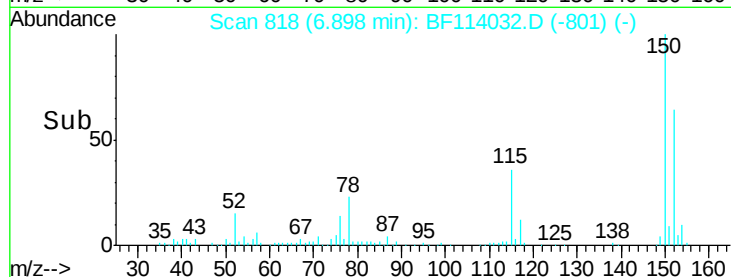
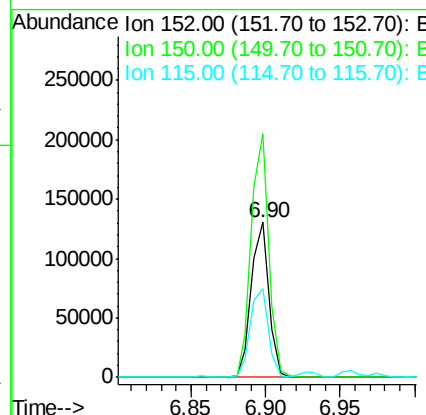
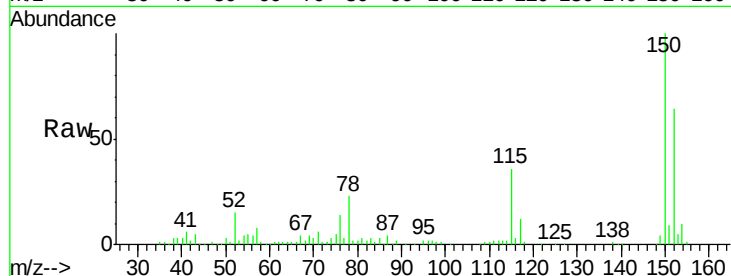
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF114032.D
 Acq: 29 Apr 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 30055-23933

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	106498		
150	157.4	125.9	188.9	
115	57.2	45.9	68.9	

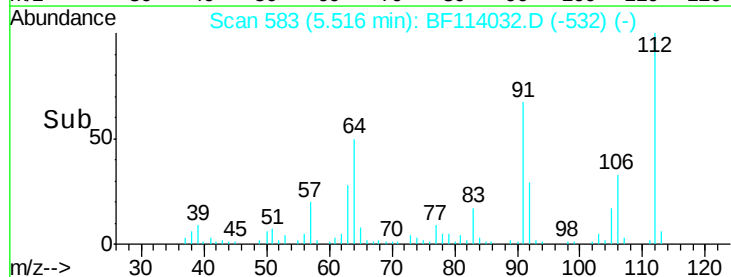
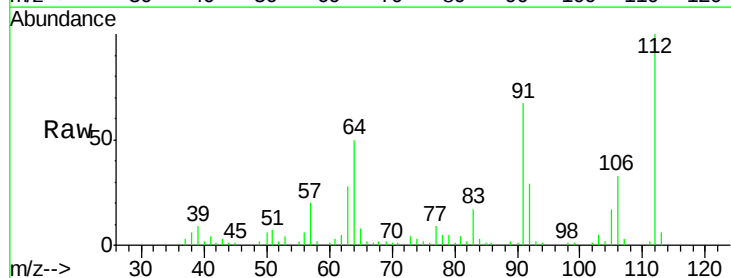
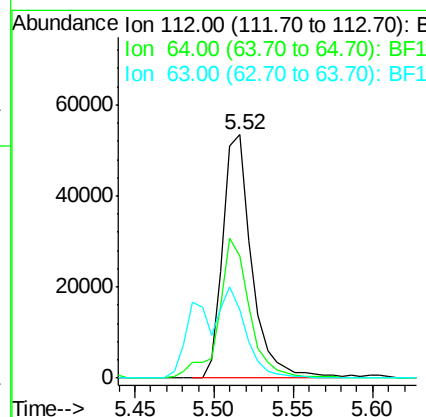
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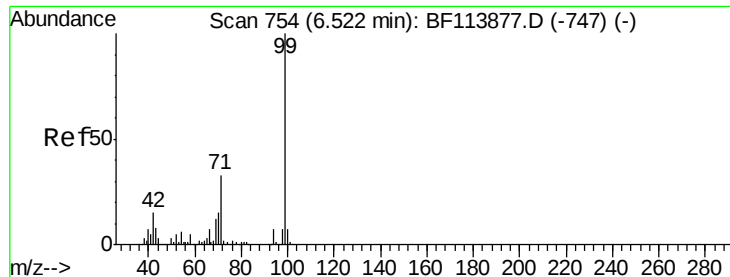
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#5
 2-Fluorophenol
 Concen: 10.905 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF114032.D
 Acq: 29 Apr 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	67900		
64	50.2	46.6	69.8	
63	27.8	23.1	34.7	





#7

Phenol-d6

Concen: 11.639 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114032.D

Acq: 29 Apr 2019 19:28

Instrument :

BNA_F

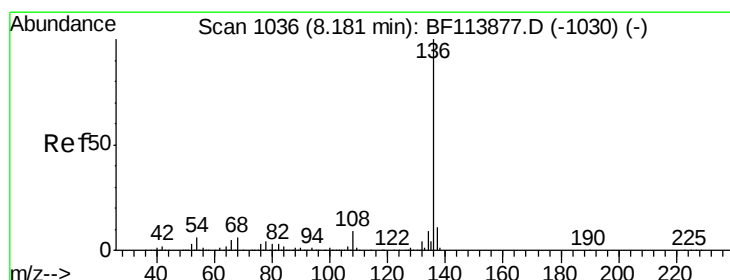
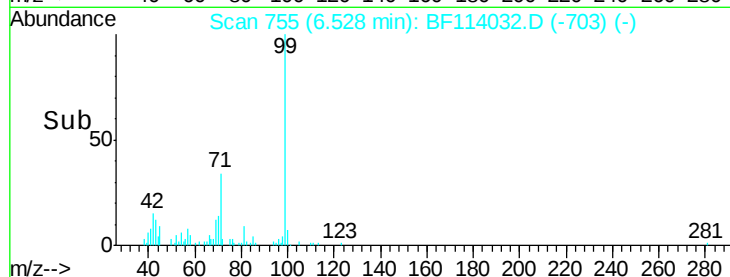
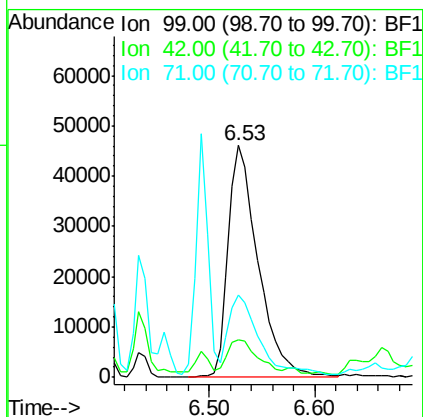
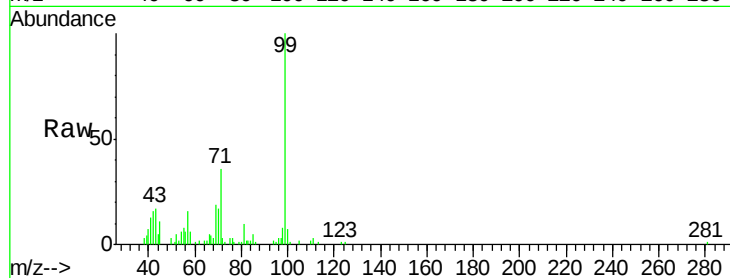
ClientSampleId :

30055-23933

Tgt Ion:	99	Resp:	90928
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	35.7	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

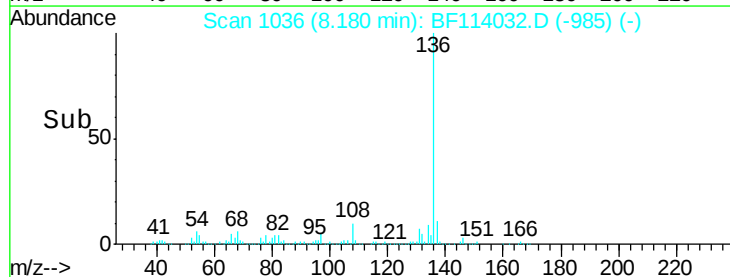
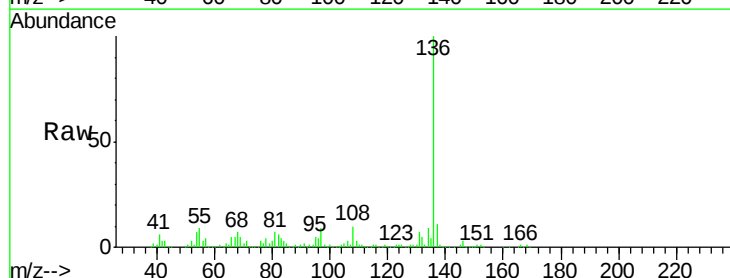
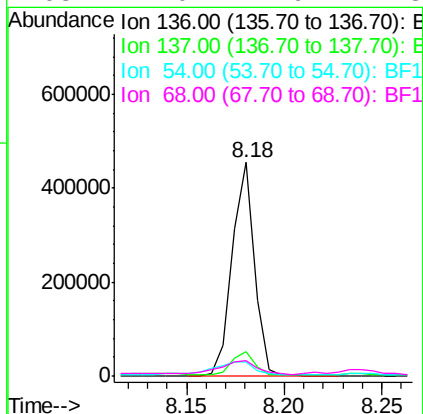
RT: 8.18 min Scan# 1036

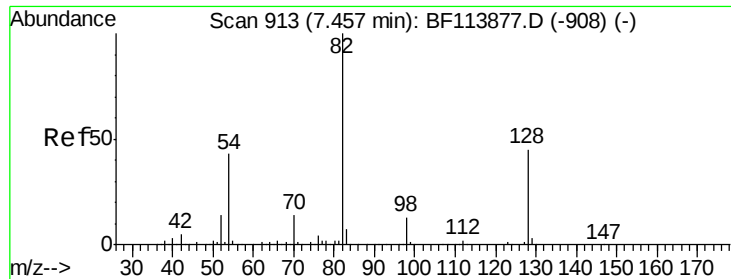
Delta R.T. -0.00 min

Lab File: BF114032.D

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Tgt Ion:	136	Resp:	358609
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	6.6	5.0	7.6
68	7.0	4.9	7.3





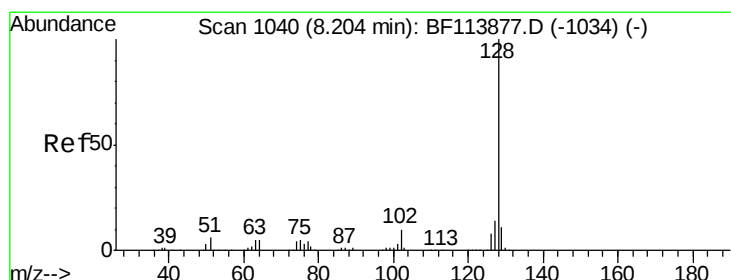
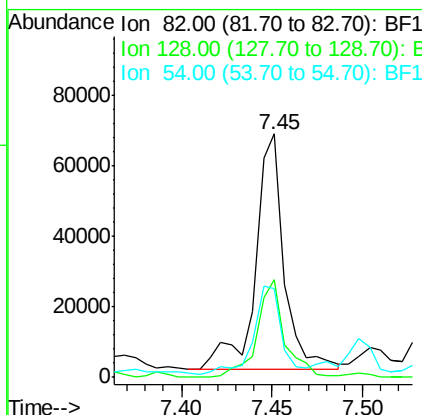
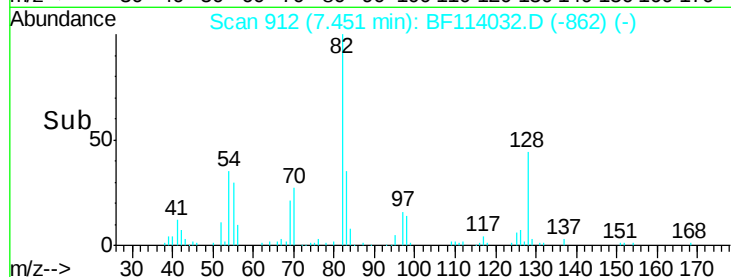
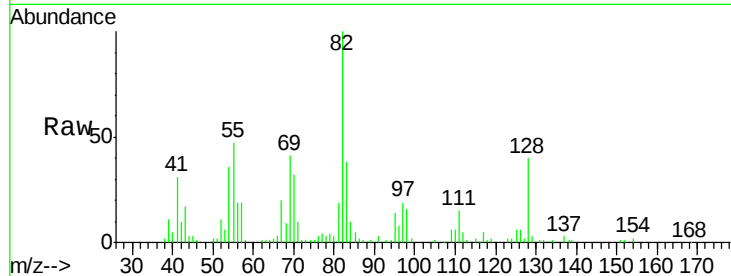
#23
Nitrobenzene-d5
Concen: 12.829 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Instrument :
BNA_F
ClientSampleId :
30055-23933

Tgt Ion	82	Resp	74511
Ion Ratio	100	Lower	Upper
128	39.9	36.8	55.2
54	36.4	33.8	50.6

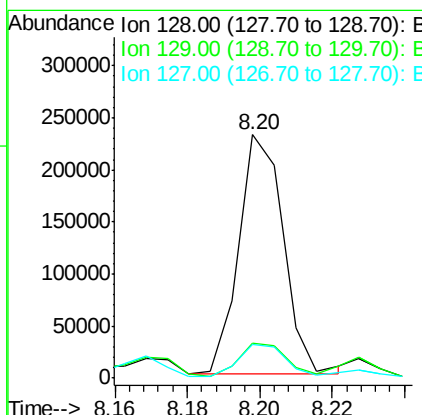
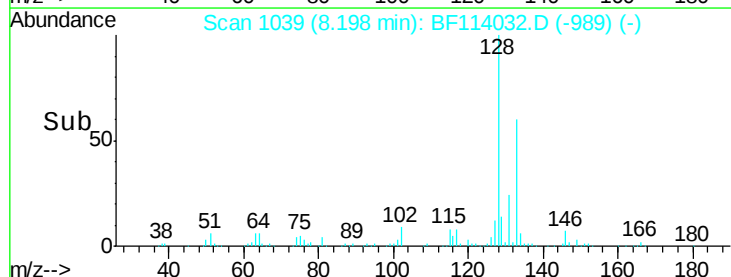
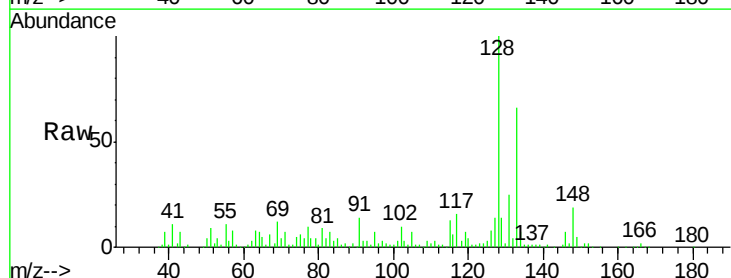
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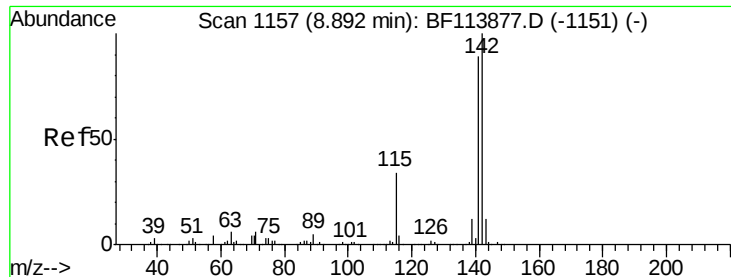
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#31
Naphthalene
Concen: 11.487 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Tgt Ion	128	Resp	195698
Ion Ratio	100	Lower	Upper
129	14.3	9.4	14.0#
127	13.9	10.8	16.2





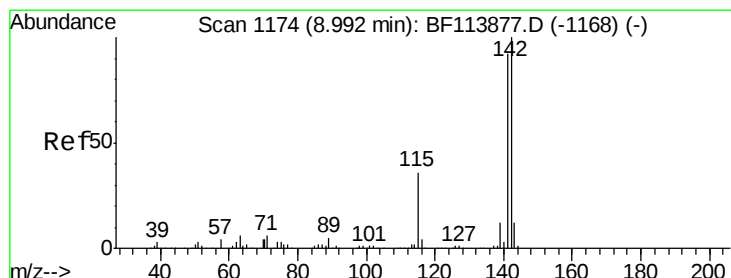
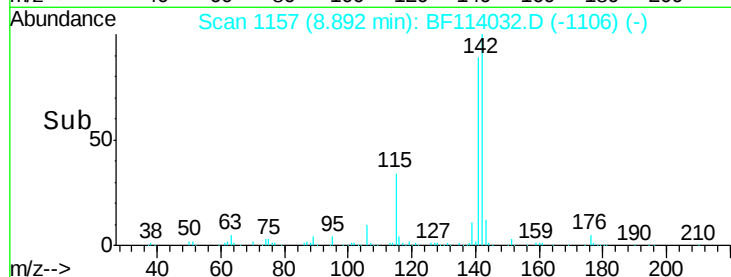
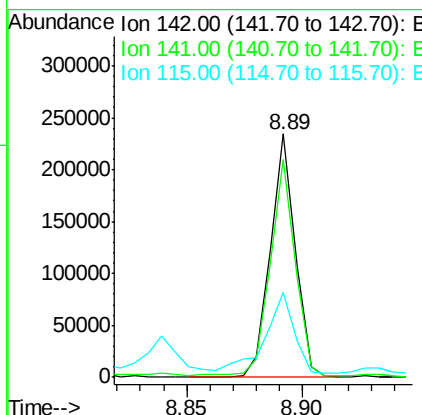
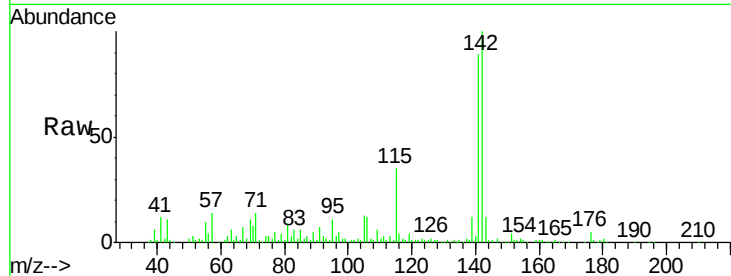
#37
2-Methylnaphthalene
Concen: 15.118 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Instrument :
BNA_F
ClientSampleId :
30055-23933

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	173680		
141	89.5	70.4	105.6	
115	34.8	26.3	39.5	

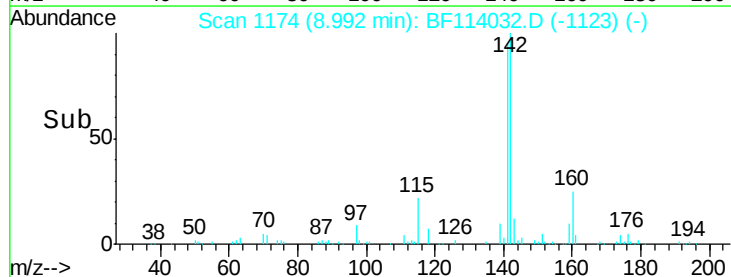
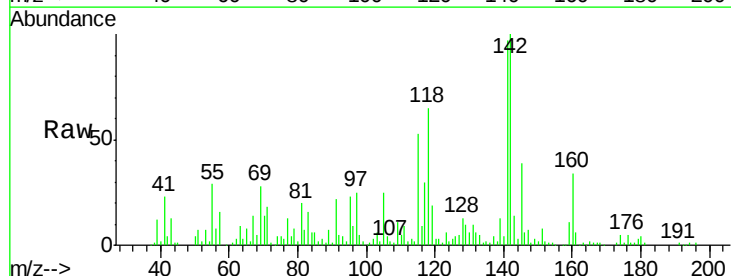
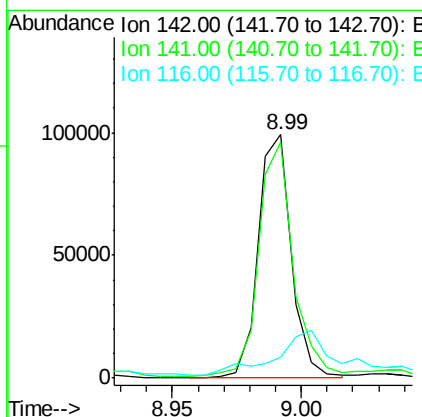
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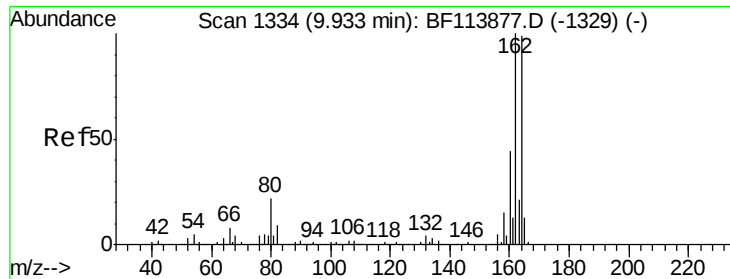
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#38
1-Methylnaphthalene
Concen: 8.034 ng m
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	89075		
141	97.0	72.3	108.5	
116	8.8	3.0	4.4#	





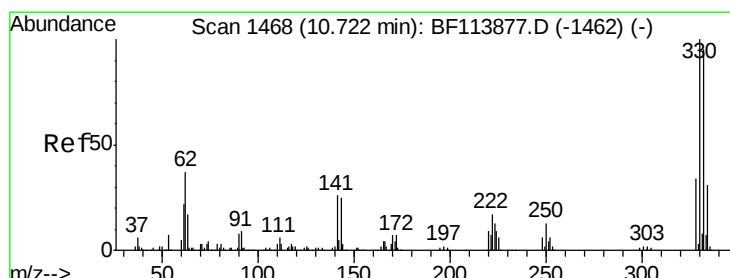
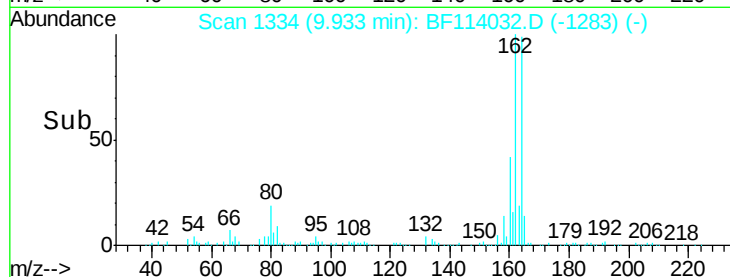
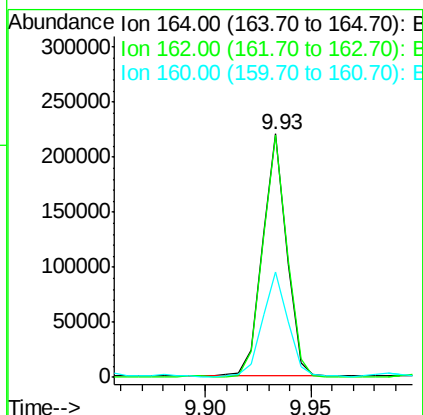
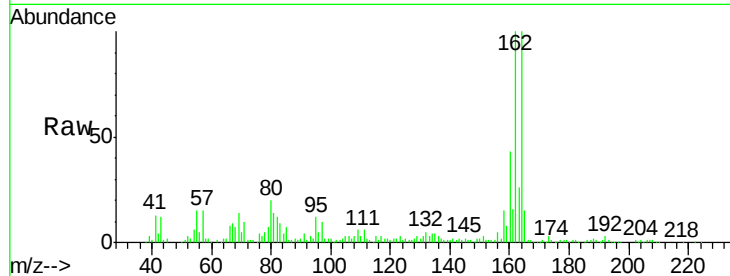
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Instrument :
BNA_F
ClientSampleId :
30055-23933

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	174052		
162	99.8	81.1	121.7	
160	43.1	35.8	53.6	

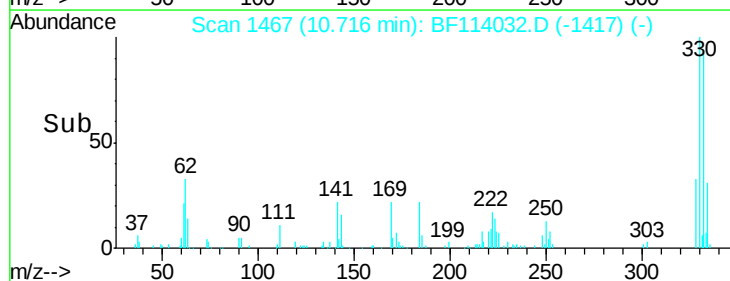
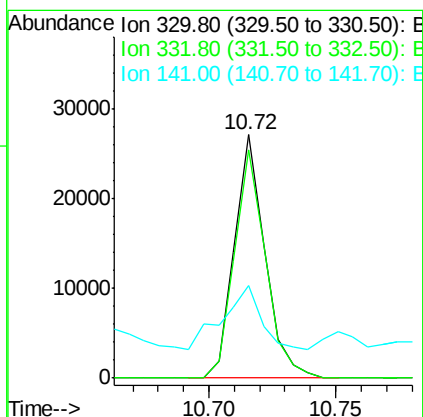
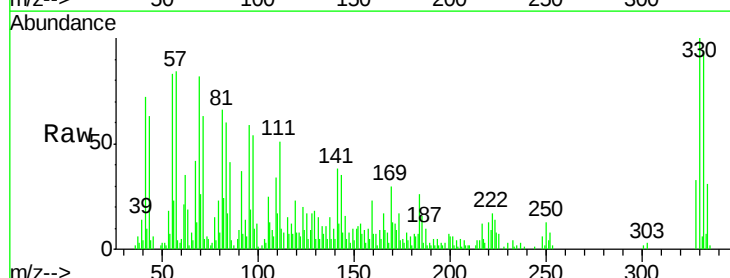
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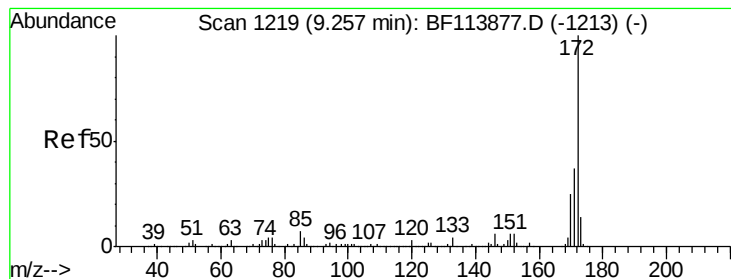
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#42
2,4,6-Tribromophenol
Concen: 10.705 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	22698		
332	95.3	77.5	116.3	
141	33.1	22.2	33.2	





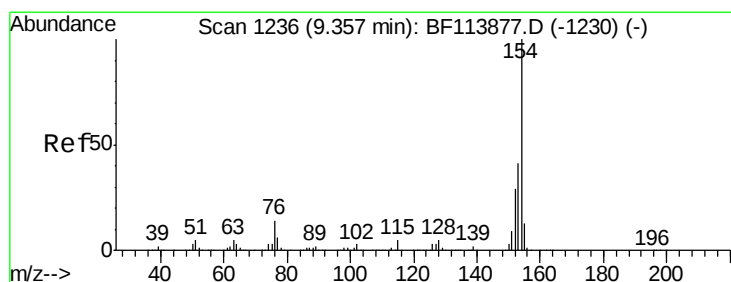
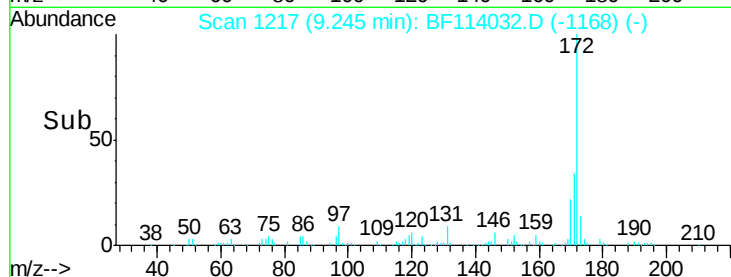
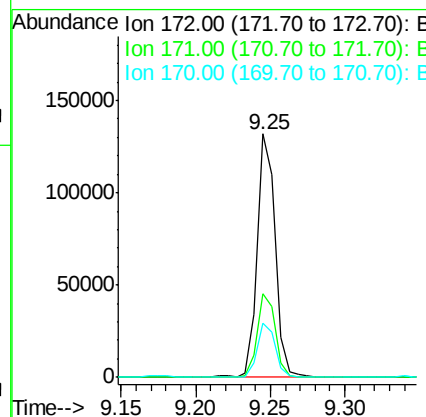
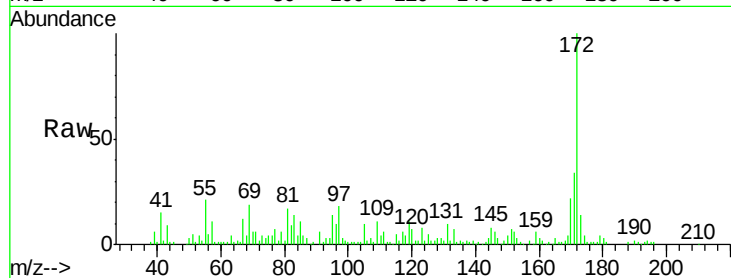
#45
2-Fluorobiphenyl
Concen: 9.759 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Instrument :
BNA_F
ClientSampleId :
30055-23933

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	108608		
171	34.4	29.4	44.0	
170	22.0	19.9	29.9	

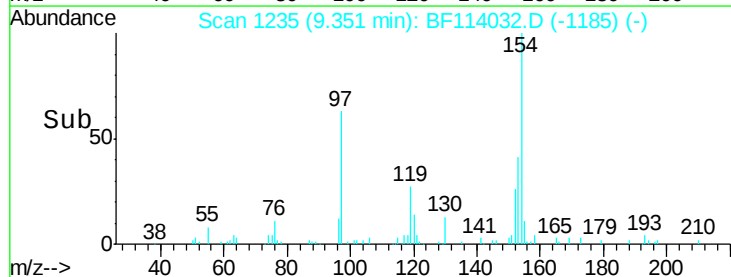
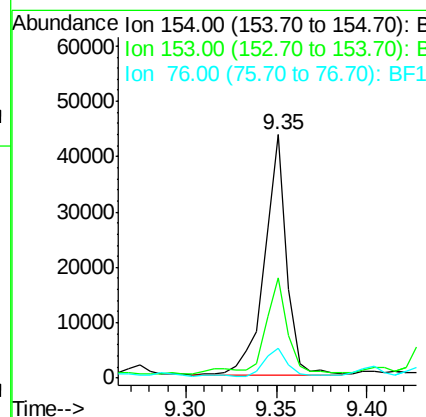
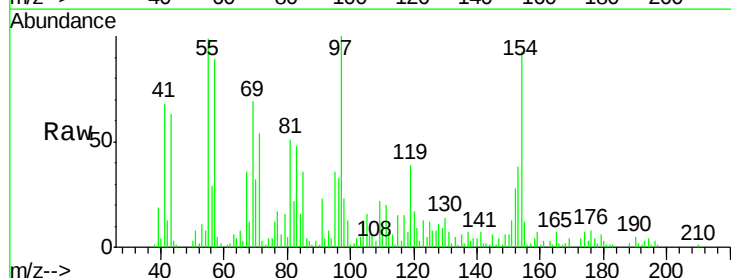
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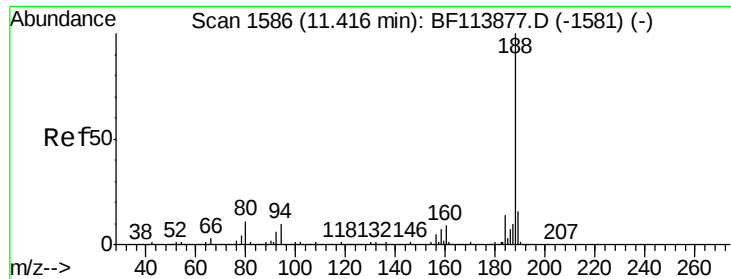
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#46
1,1'-Biphenyl
Concen: 2.760 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	36704		
153	41.2	20.8	60.8	
76	12.4	0.0	35.2	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF114032.D

Acq: 29 Apr 2019 19:28

Instrument :

BNA_F

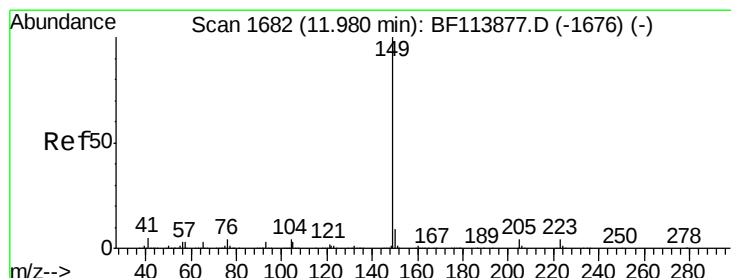
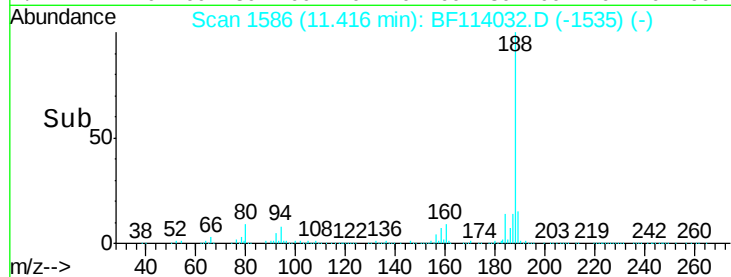
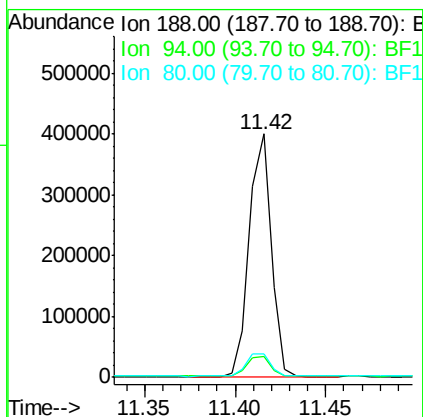
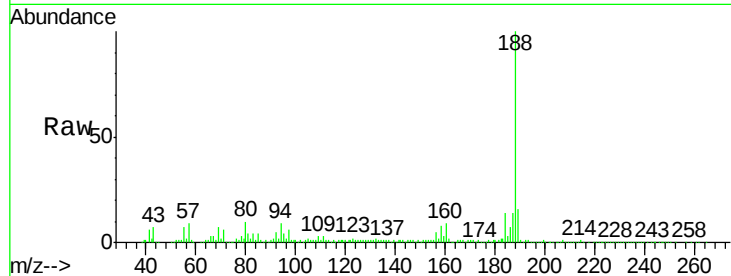
ClientSampleId :

30055-23933

Tgt Ion:	188	Resp:	339632
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.2	12.4
80	9.6	9.0	13.6

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 3.427 ng

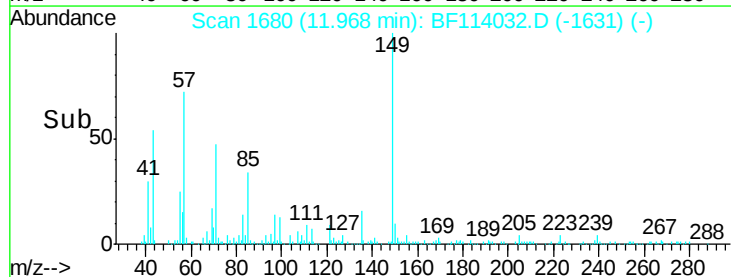
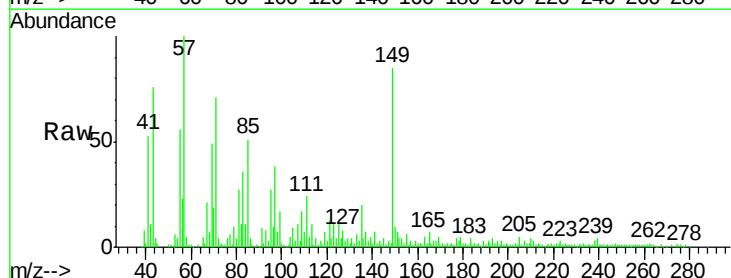
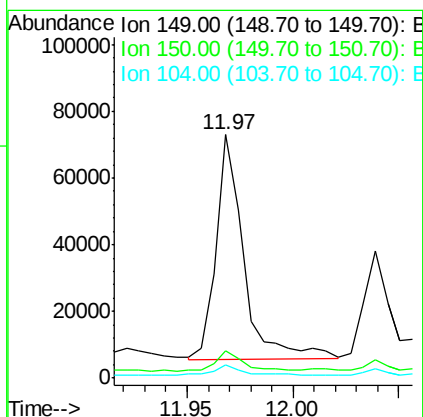
RT: 11.97 min Scan# 1680

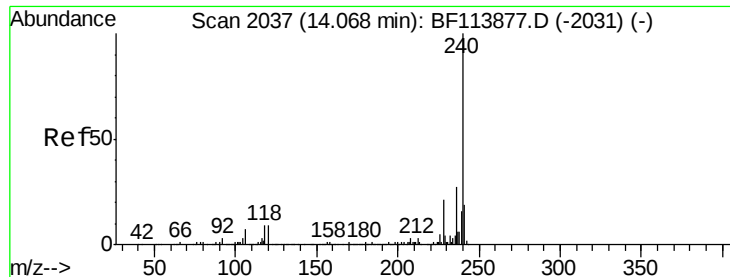
Delta R.T. -0.01 min

Lab File: BF114032.D

Acq: 29 Apr 2019 19:28

Tgt Ion:	149	Resp:	61983
Ion Ratio	Lower	Upper	
149	100		
150	11.4	7.8	11.8
104	5.4	3.8	5.8





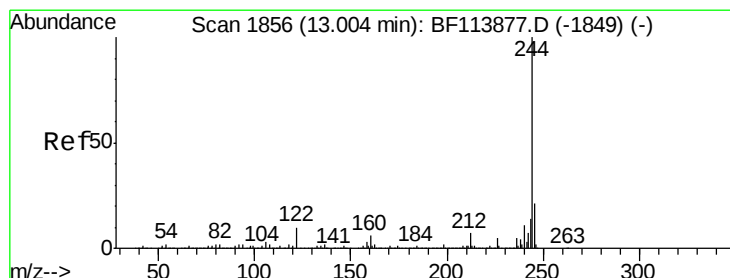
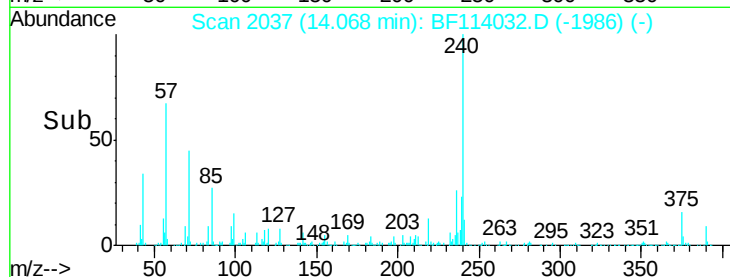
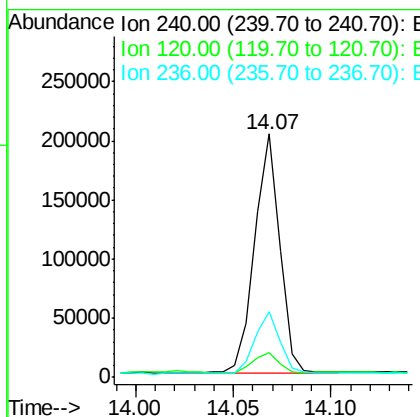
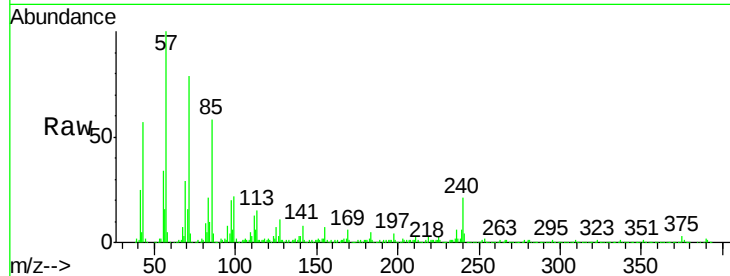
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Instrument :
BNA_F
ClientSampled :
30055-23933

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.3	9.3	13.9
236	27.1	21.2	31.8

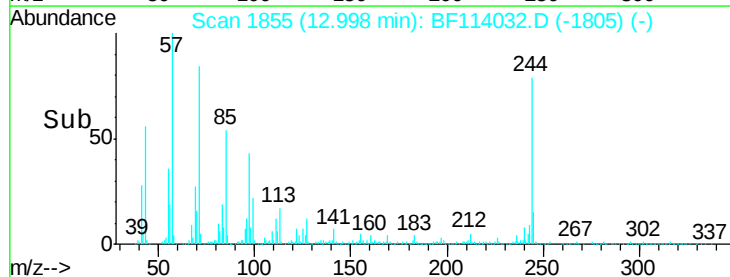
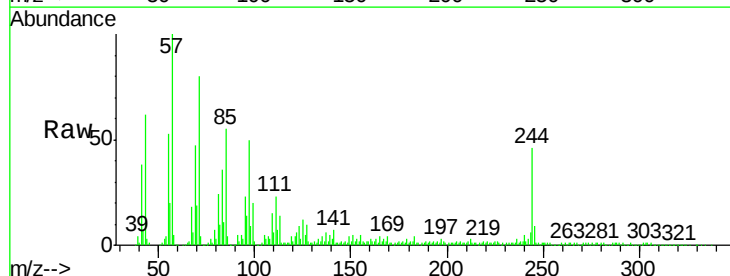
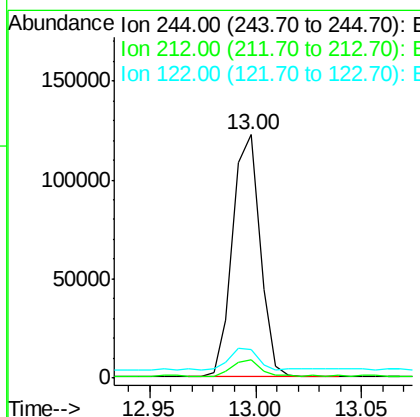
Manual Integrations
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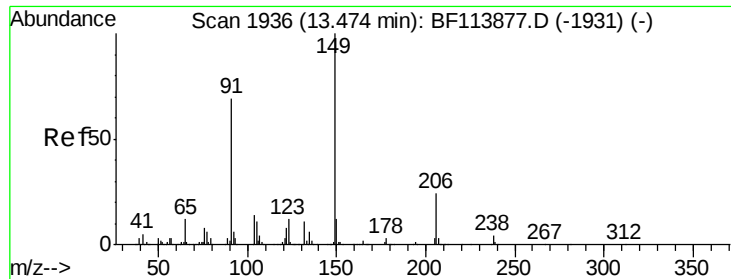
Sohil
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#79
Terphenyl-d14
Concen: 12.473 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	5.4	8.2
122	11.9	7.6	11.4#





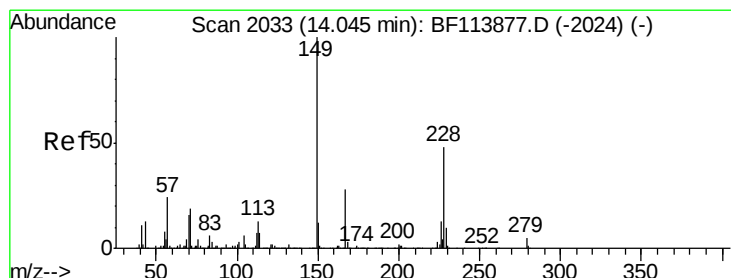
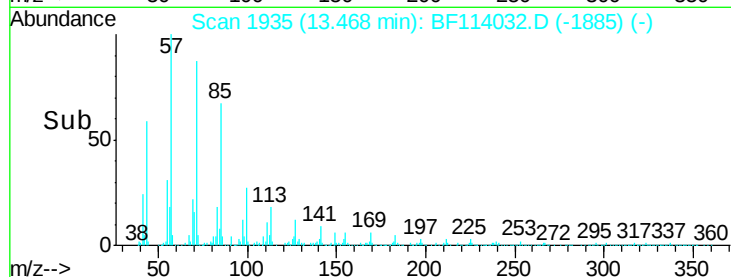
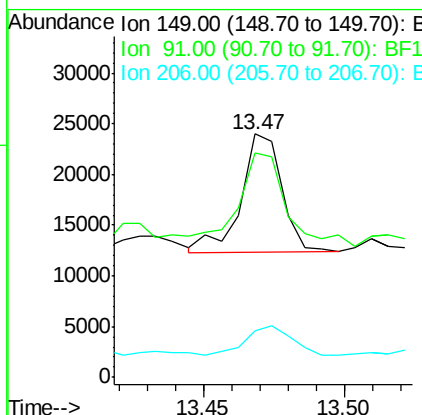
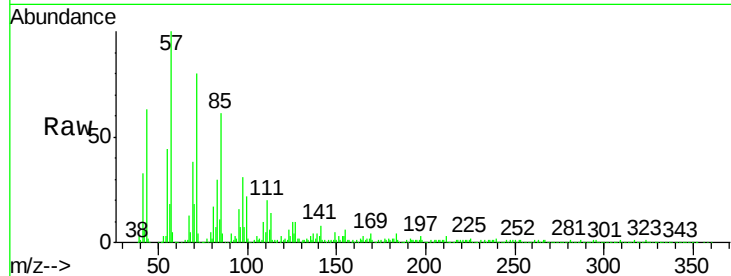
#80
Butylbenzylphthalate
Concen: 2.382 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Instrument :
BNA_F
ClientSampleId :
30055-23933

Tgt Ion	Ratio	Lower	Upper
149	100		
91	92.3	56.3	84.5#
206	19.3	19.0	28.6

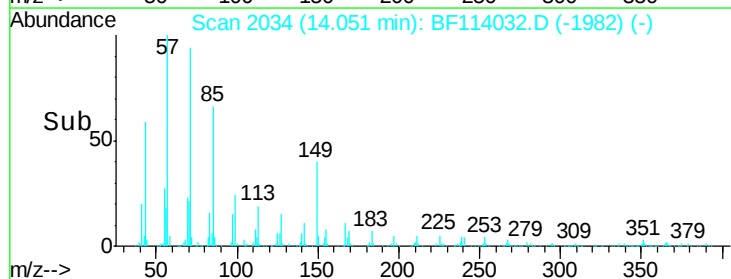
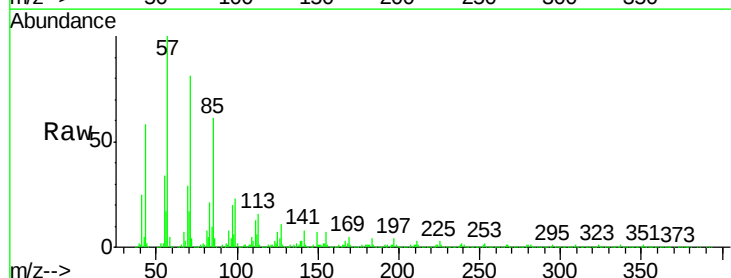
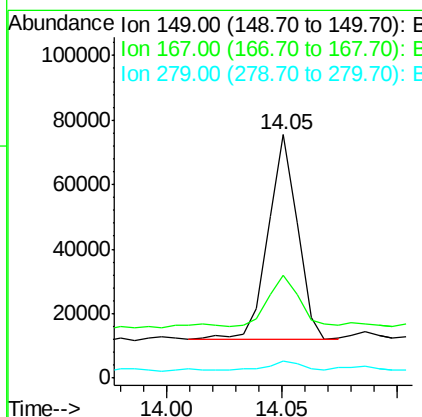
Manual Integrations
APPROVED

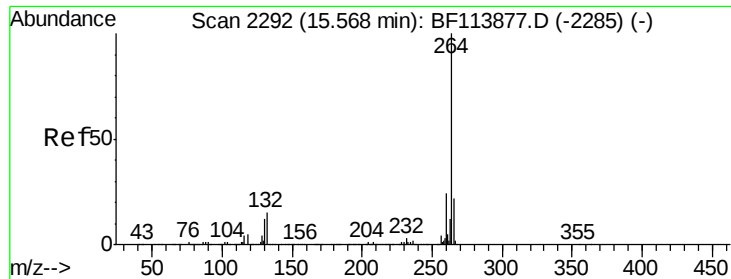
Sohil
4/30/2019 6:42:28 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.947 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	42.1	22.9	34.3#
279	7.0	4.2	6.2#





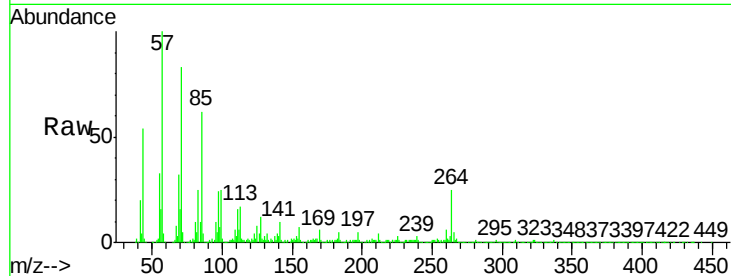
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.02 min
Lab File: BF114032.D
Acq: 29 Apr 2019 19:28

Instrument :
BNA_F
ClientSampleId :
30055-23933

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.1	18.9	28.3		
265	21.9	17.3	25.9		

Manual Integrations
APPROVED

Sohil
4/30/2019 6:42:28 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

