

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093019\
 Data File : BF117266.D
 Acq On : 30 Sep 2019 17:49
 Operator : JU
 Sample : K5019-02DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL

Manual Integrations
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mohammad
 10/2/2019 8:32:27 AM

Quant Time: Oct 01 02:05:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	24997	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	113017	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	58414	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	96072	20.00	ng	0.00
76) Chrysene-d12	13.97	240	78282	20.00	ng	0.00
87) Perylene-d12	15.43	264	75289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	3327	2.08	ng	0.02
7) Phenol-d6	6.47	99	3000	1.45	ng	0.02
23) Nitrobenzene-d5	7.39	82	2543	1.18	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	791	1.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	5855	1.57	ng	0.00
79) Terphenyl-d14	12.91	244	8392	2.00	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	896940	165.018	ng	99
37) 2-Methylnaphthalene	8.80	142	37759	10.316	ng	96
38) 1-Methylnaphthalene	8.90	142	36949m	10.778	ng	
52) Acenaphthene	9.87	154	15446	4.810	ng	97
55) Dibenzofuran	10.06	168	15727	3.319	ng	95

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

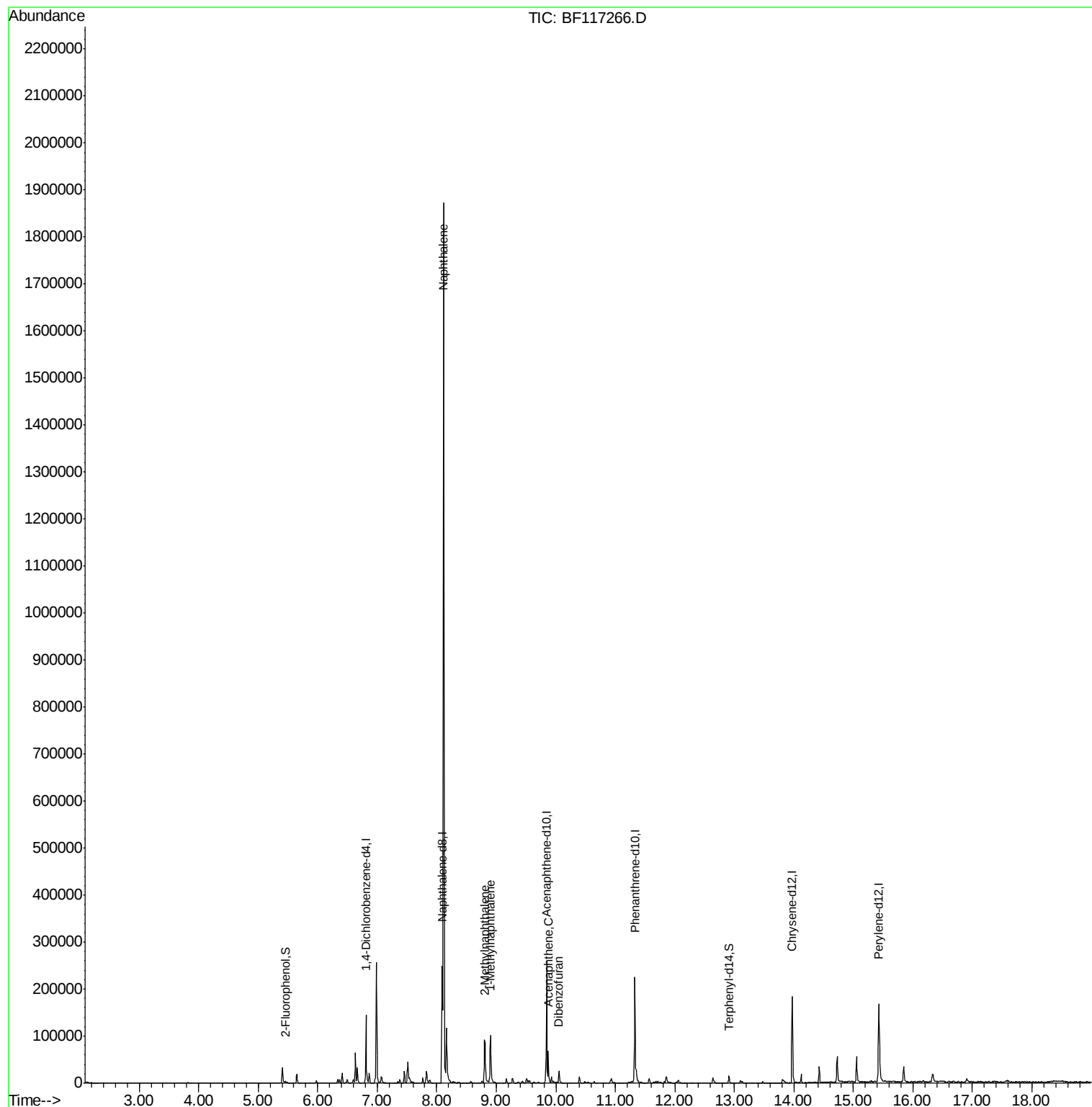
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093019\
Data File : BF117266.D
Acq On : 30 Sep 2019 17:49
Operator : JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

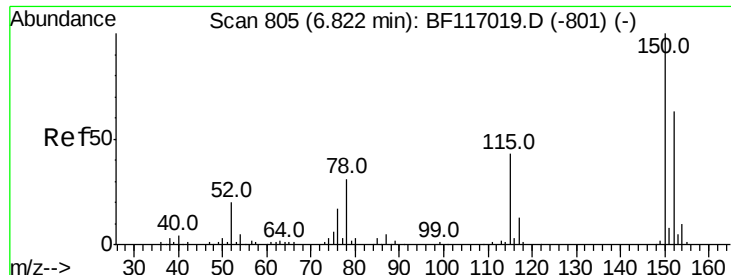
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL

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#1

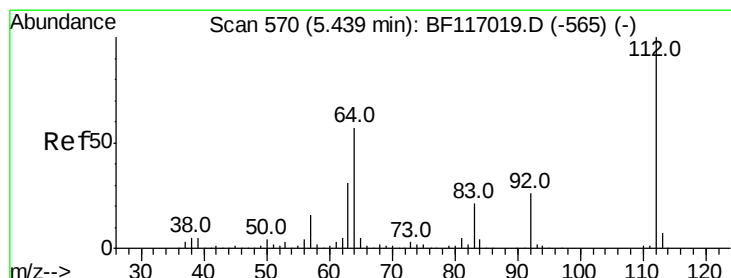
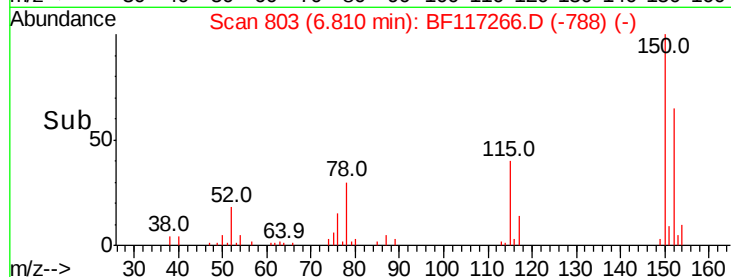
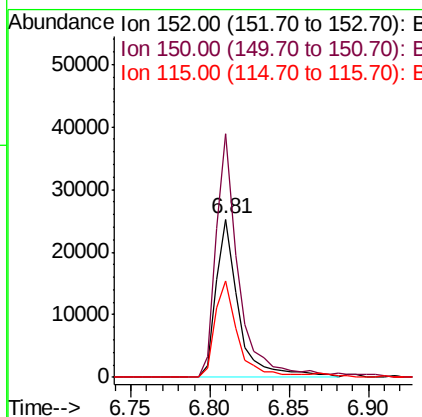
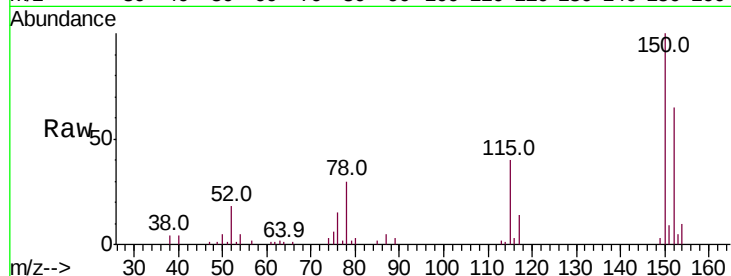
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.5	191.3
115	61.0	55.0	82.4

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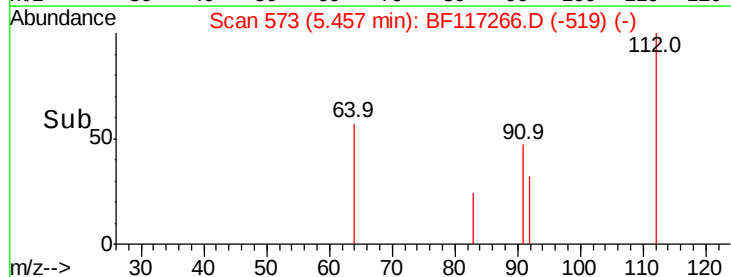
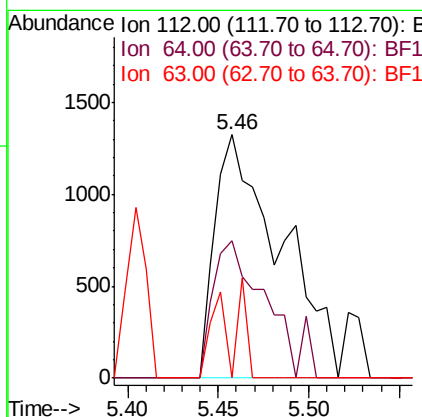
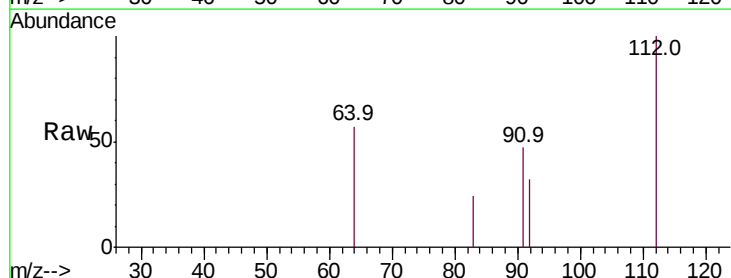
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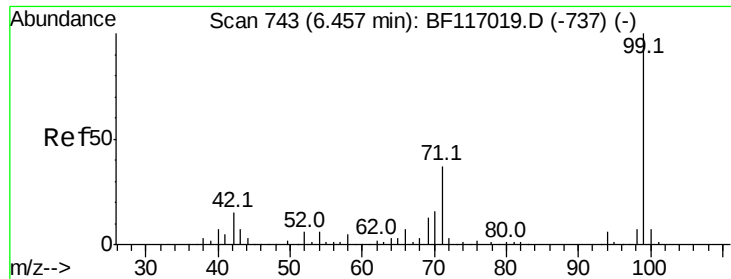


#5

2-Fluorophenol
Concen: 2.078 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.7	68.5
63	0.0	24.9	37.3





#7

Phenol-d6

Concen: 1.450 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117266.D

Acq: 30 Sep 2019 17:49

Instrument :

BNA_F

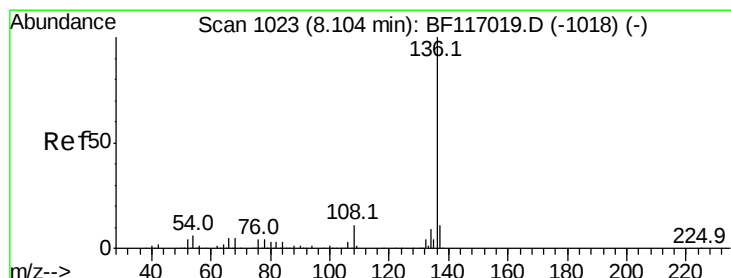
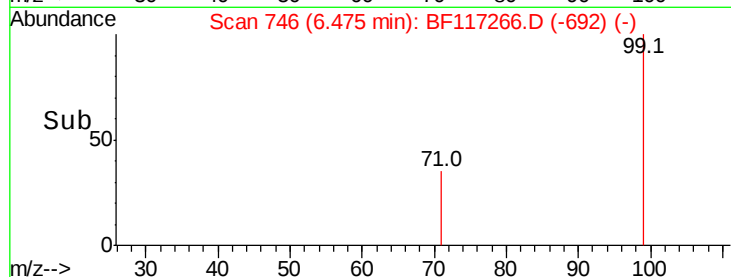
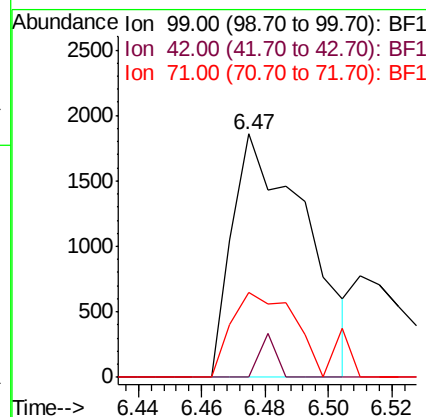
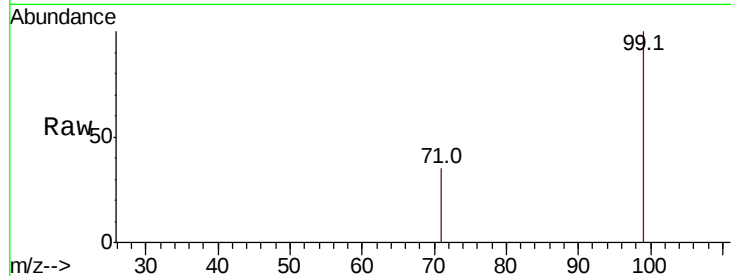
ClientSampleId :

QNWP8-MW30D-GWDL

Tot Ion:	99	Resp:	3000
Ion Ratio	Lower	Upper	
99	100		
42	0.0	12.2	18.2#
71	34.7	29.8	44.8

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#21

Naphthalene-d8

Concen: 20.000 ng

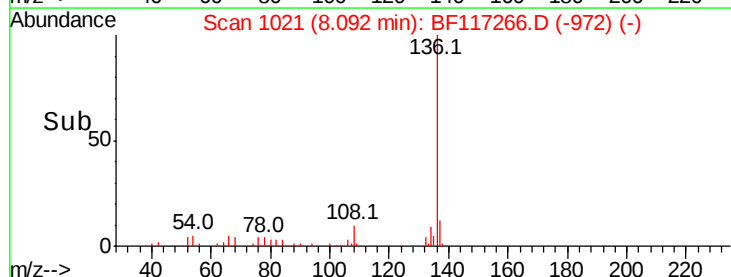
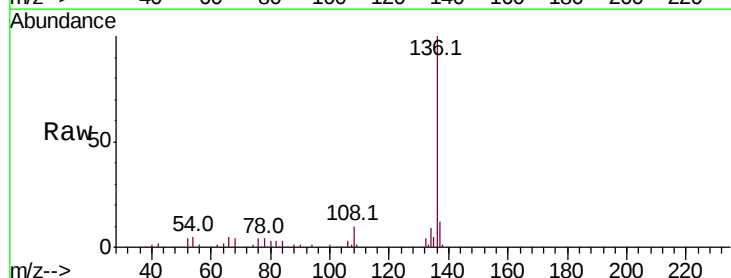
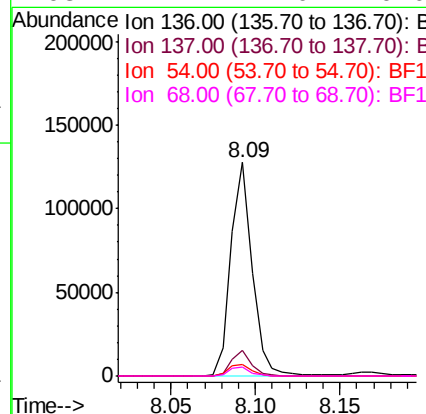
RT: 8.09 min Scan# 1021

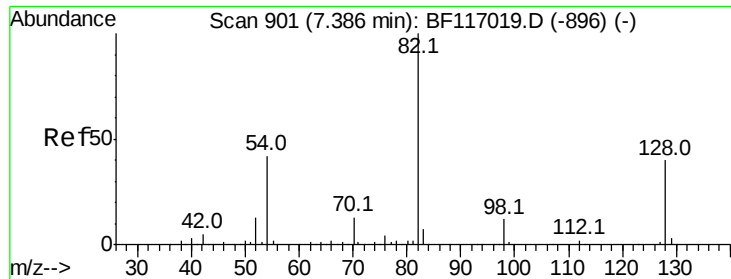
Delta R.T. -0.01 min

Lab File: BF117266.D

Acq: 30 Sep 2019 17:49

Tgt Ion:	136	Resp:	113017
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.4
54	5.5	4.5	6.7
68	4.2	4.0	6.0





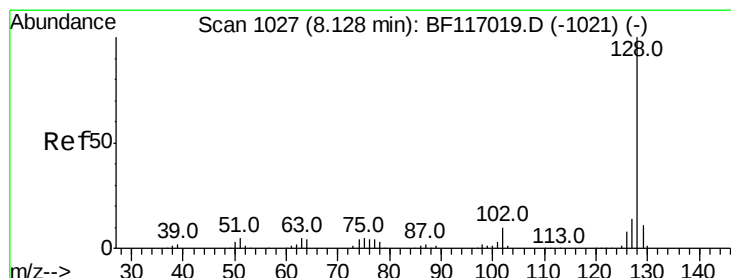
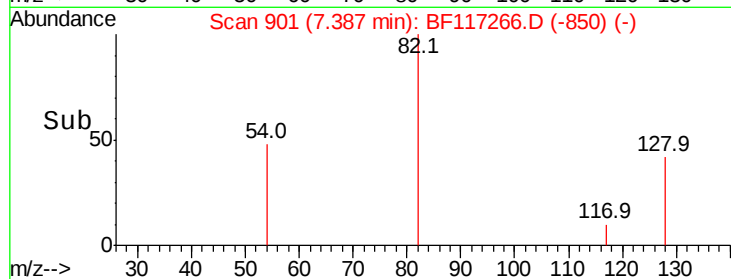
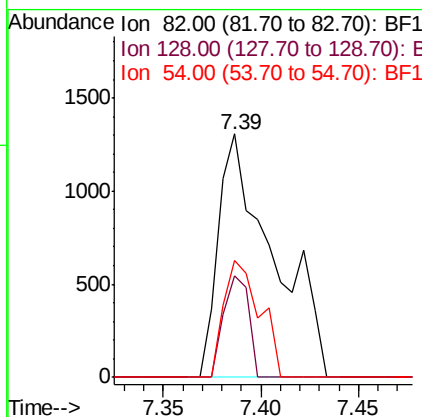
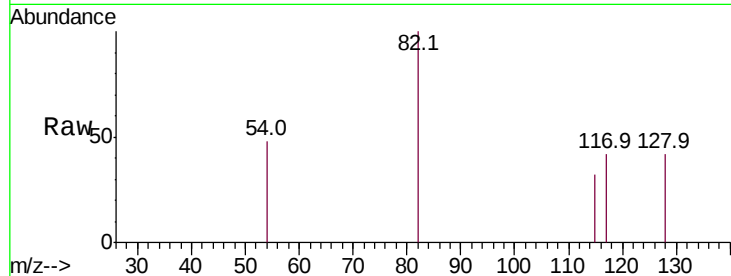
#23
 Nitrobenzene-d5
 Concen: 1.182 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117266.D
 Acq: 30 Sep 2019 17:49

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL

Tot Ion:	82	Resp:	2543
Ion Ratio	Lower	Upper	
82	100		
128	41.9	32.3	48.5
54	47.9	33.3	49.9

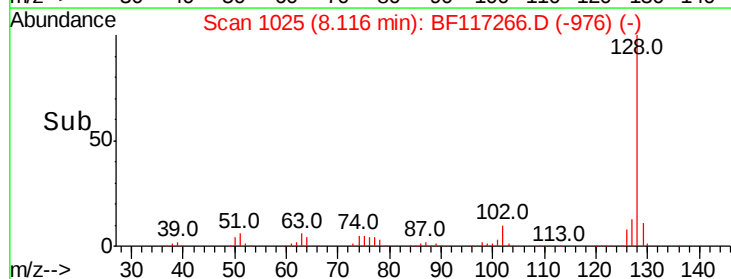
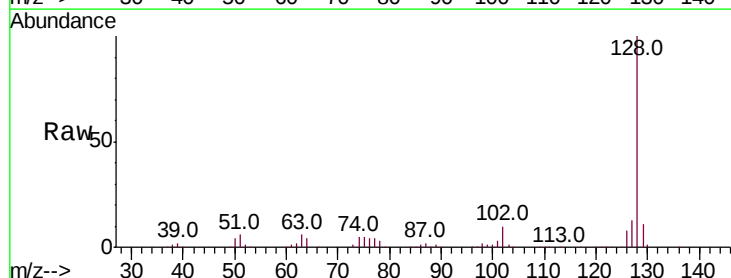
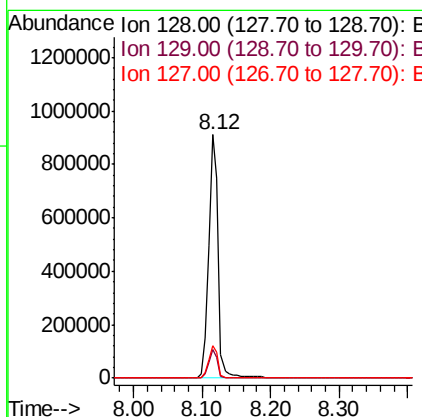
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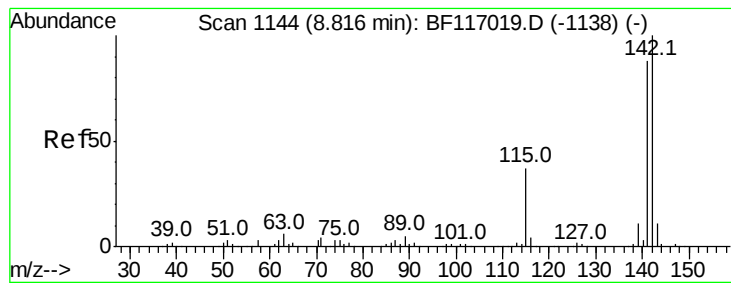
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#31
 Naphthalene
 Concen: 165.018 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF117266.D
 Acq: 30 Sep 2019 17:49

Tgt Ion:	128	Resp:	896940
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.0	13.4
127	13.2	10.8	16.2





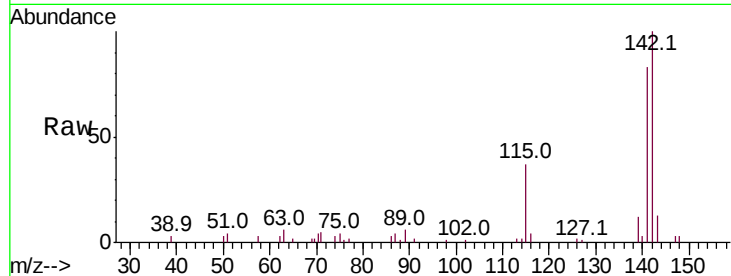
#37
2-Methylnaphthalene
Concen: 10.316 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.3	70.7	106.1
115	37.5	29.4	44.0

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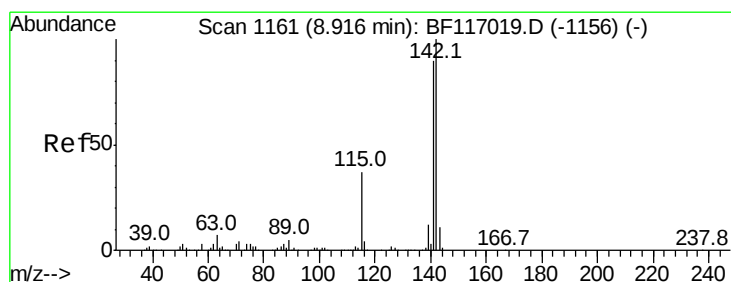
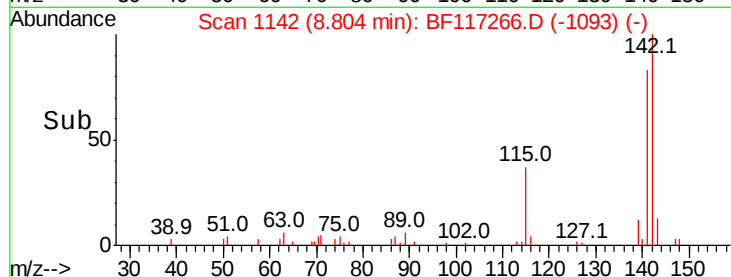
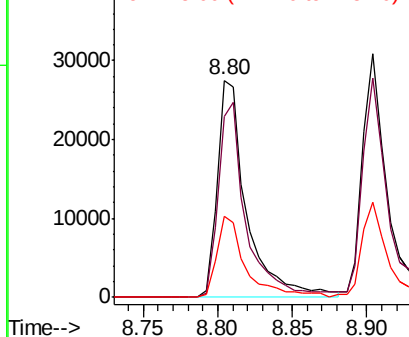


Abundance

Ion 142.00 (141.70 to 142.70): E

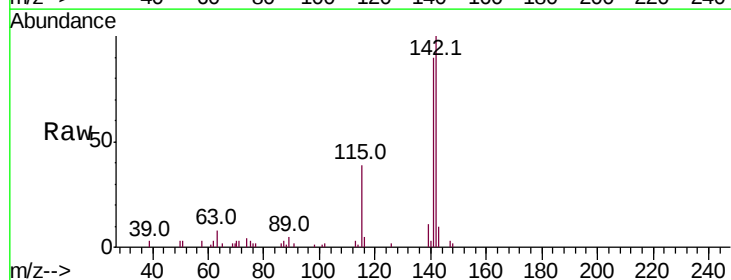
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 10.778 ng m
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
116	4.9	3.2	4.8#

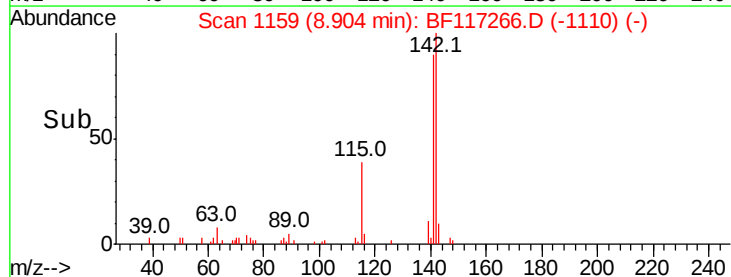
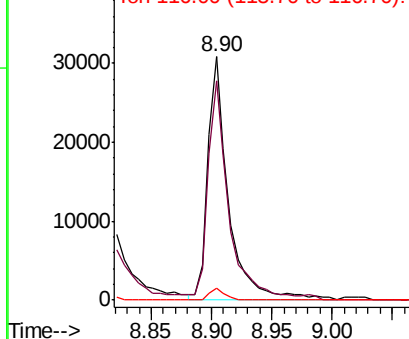


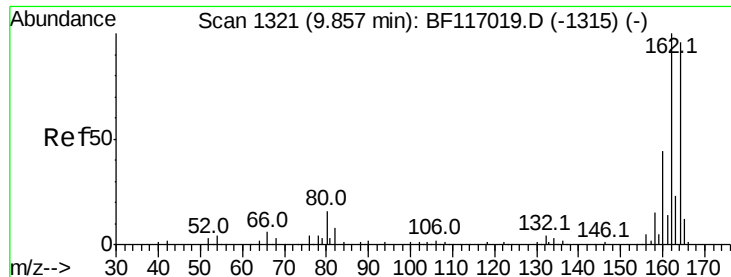
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





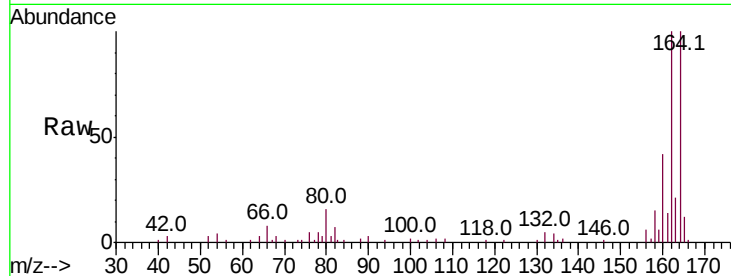
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.2
160	42.7	36.4	54.6

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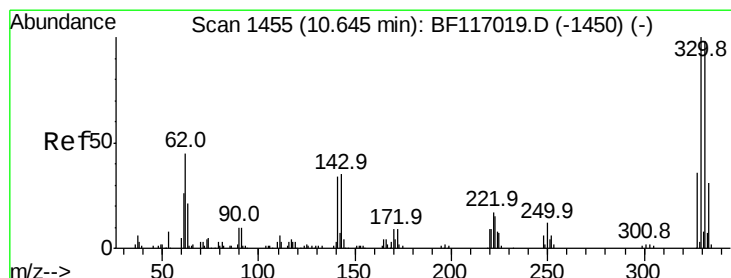
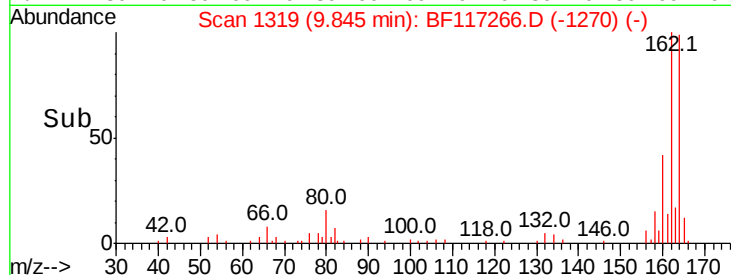
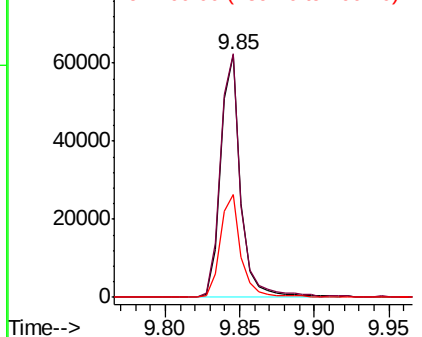


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 1.620 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

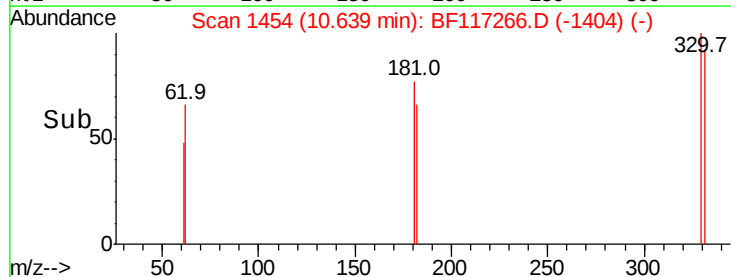
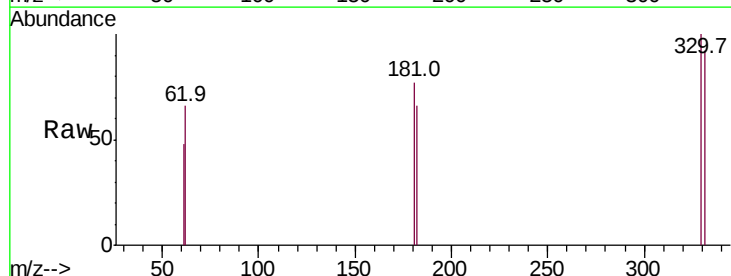
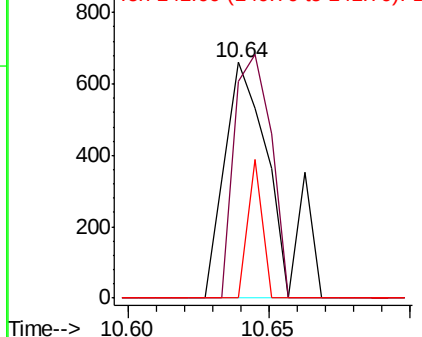
Tgt Ion	Ratio	Lower	Upper
330	100		
332	78.0	78.0	117.0
141	17.3	35.8	53.6

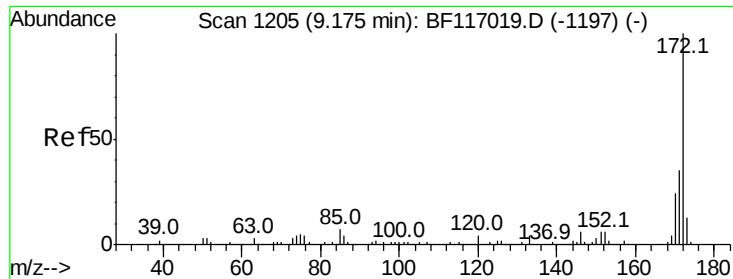
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





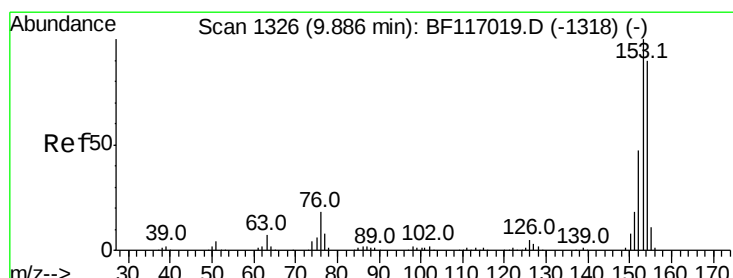
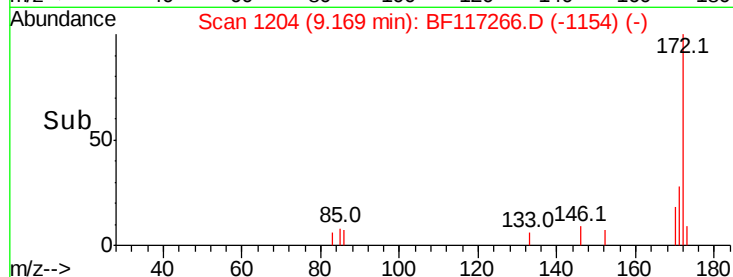
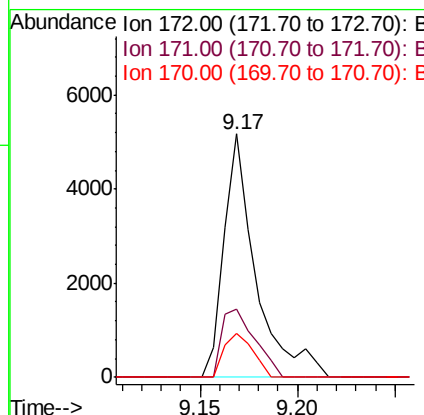
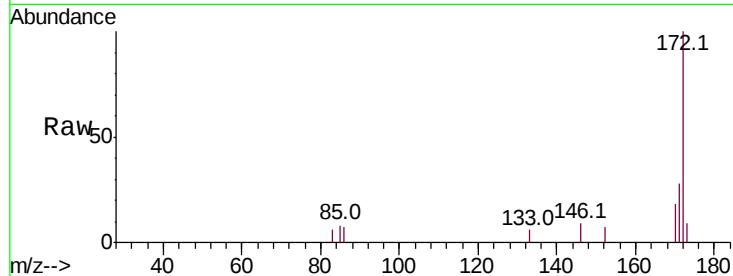
#45
 2-Fluorobiphenyl
 Concen: 1.567 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF117266.D
 Acq: 30 Sep 2019 17:49

Instrument :
 BNA_F
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 QNWP8-MW30D-GWDL

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	28.2	28.2	42.2
170	17.9	18.9	28.3#

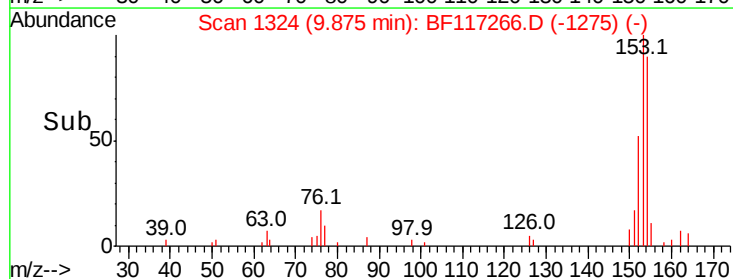
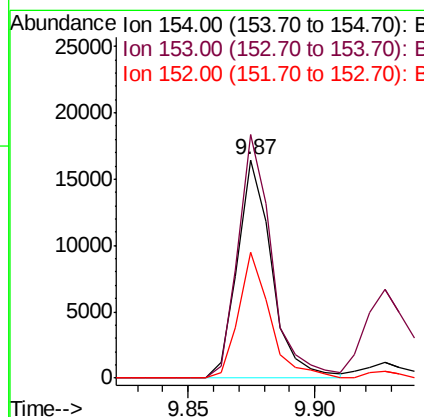
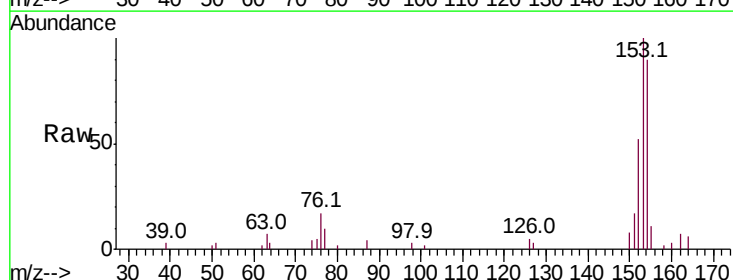
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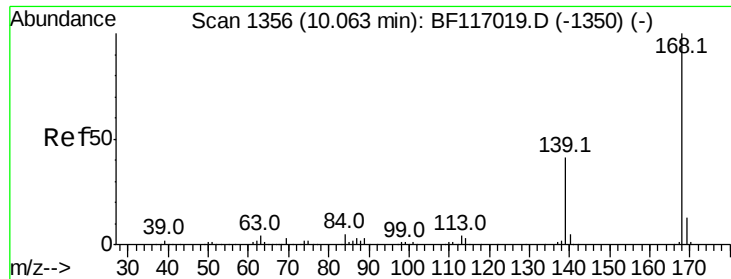
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#52
 Acenaphthene
 Concen: 4.810 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF117266.D
 Acq: 30 Sep 2019 17:49

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.5	89.0	133.6
152	57.8	41.9	62.9





#55

Dibenzofuran

Concen: 3.319 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117266.D

Acq: 30 Sep 2019 17:49

Instrument :

BNA_F

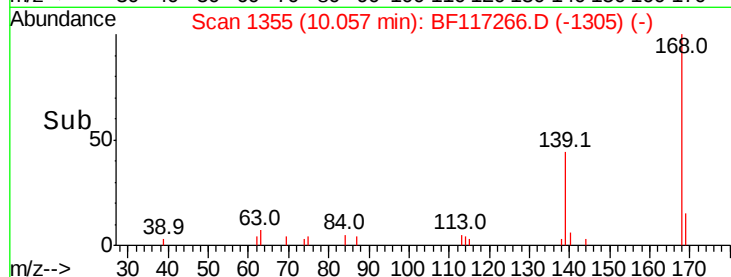
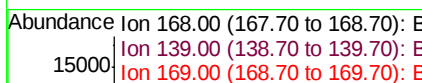
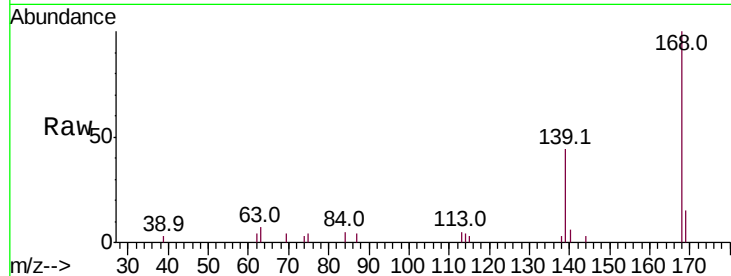
ClientSampleId :

QNWP8-MW30D-GWDL

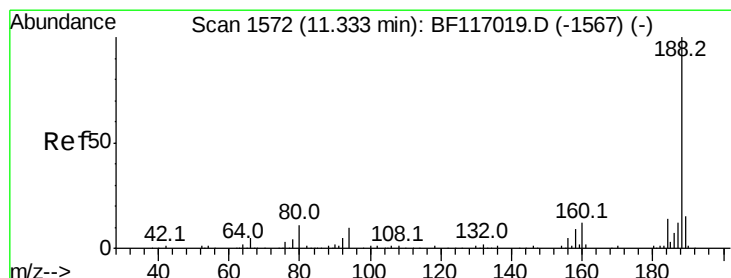
Tot Ion:168	Resp:	15727
Ion Ratio	Lower	Upper
168	100	
139	43.7	32.8 49.2
169	15.3	10.5 15.7

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Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

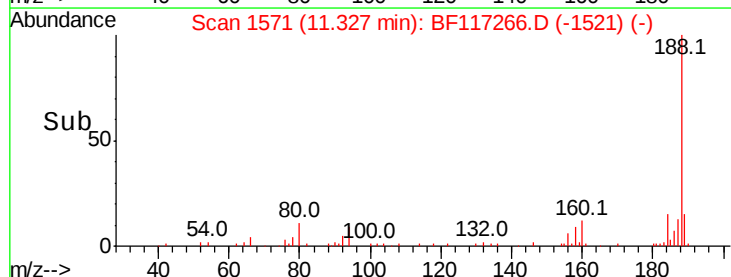
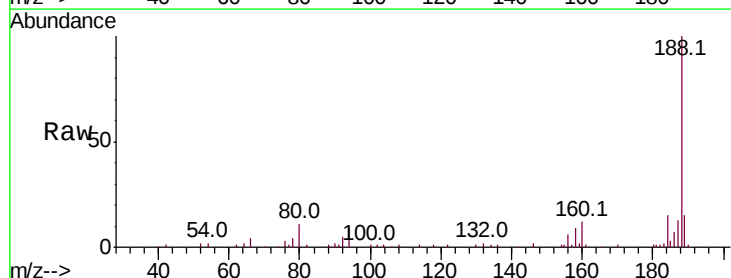
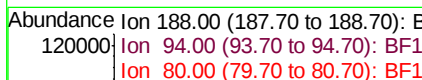
RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

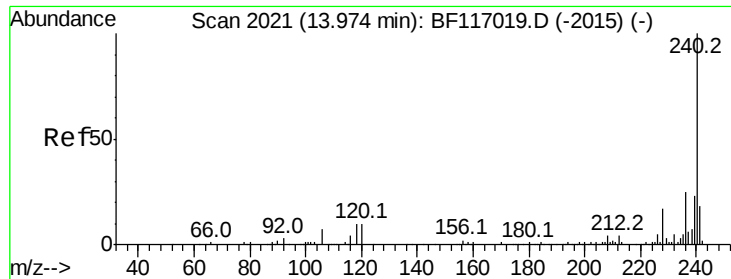
Lab File: BF117266.D

Acq: 30 Sep 2019 17:49

Tgt Ion:188	Resp:	96072
Ion Ratio	Lower	Upper
188	100	
94	9.1	8.2 12.2
80	11.3	9.0 13.6



Time-->



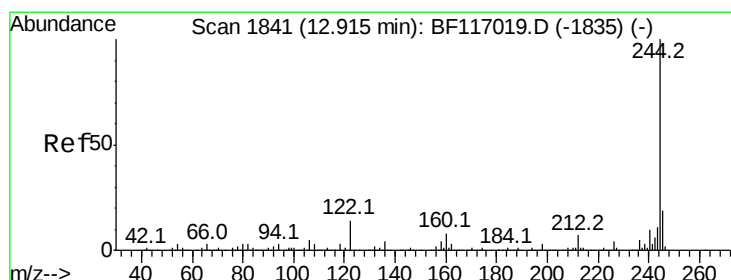
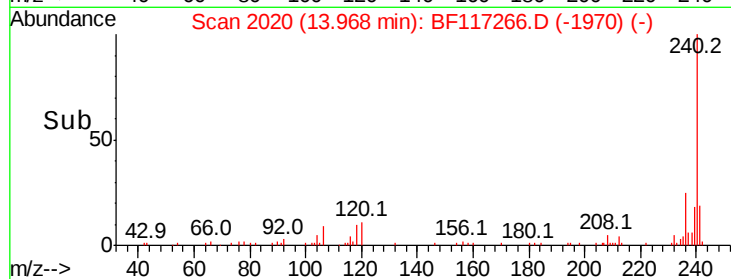
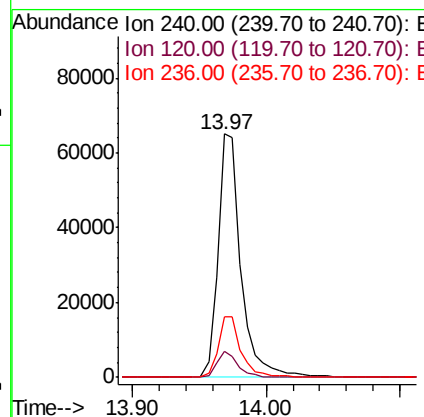
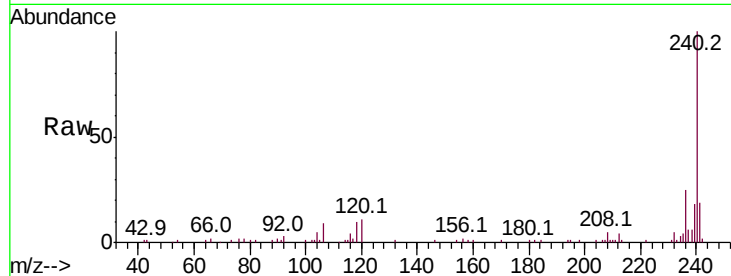
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	24.7	20.3	30.5

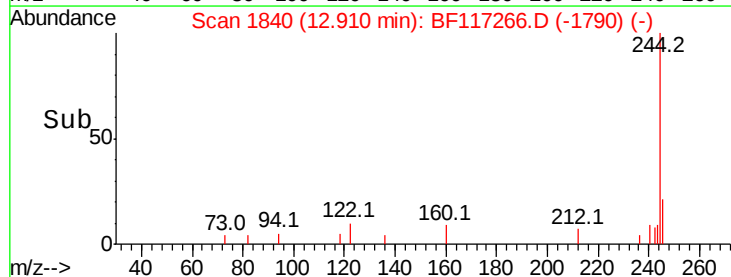
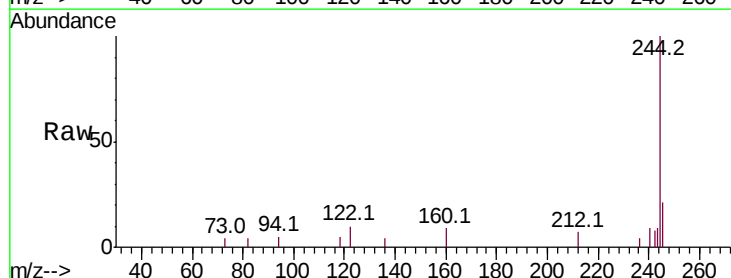
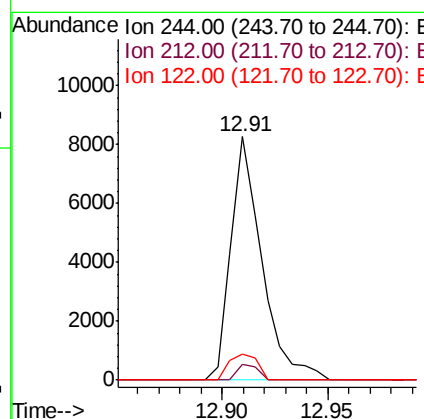
Manual Integrations
APPROVED

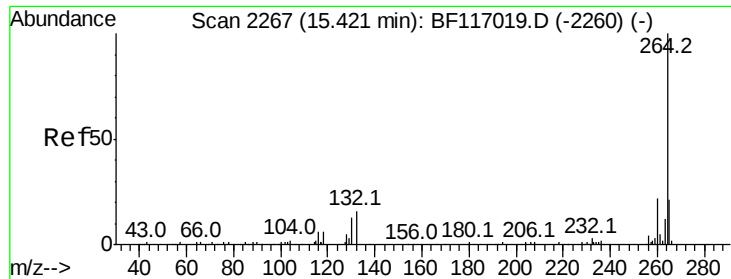
mohammad
10/2/2019 8:32:27 AM



#79
Terphenyl-d14
Concen: 2.004 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.5	11.3	16.9#





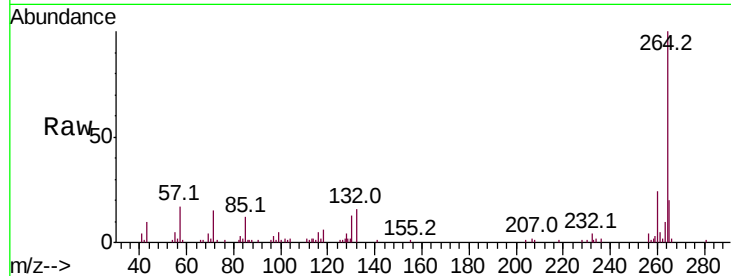
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117266.D
Acq: 30 Sep 2019 17:49

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion:	264	Resp:	75289
Ion Ratio	Lower	Upper	
264	100		
260	24.4	17.6	26.4
265	20.2	16.6	24.8

Manual Integrations
APPROVED

mohammad
10/2/2019 8:32:27 AM



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

