

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117279.D
 Acq On : 1 Oct 2019 16:20
 Operator : JU
 Sample : K5019-03DL2 150X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Manual Integrations
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 10/2/2019 3:56:36 PM

Quant Time: Oct 01 16:58:44 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	6.80	152	30238	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	136662	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	76133	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	134072	20.00	ng	0.00
76) Chrysene-d12	13.97	240	122319	20.00	ng	0.00
87) Perylene-d12	15.42	264	126504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	341	0.18	ng	0.05
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.39	82	708	0.27	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	2253	0.46	ng	-0.01
79) Terphenyl-d14	12.91	244	3400	0.52	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.76	122	5280	3.018	ng	Qvalue # 74
31) Naphthalene	8.11	128	395383	60.156	ng	99
37) 2-Methylnaphthalene	8.80	142	9720	2.196	ng	94
38) 1-Methylnaphthalene	8.90	142	11177m	2.696	ng	

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

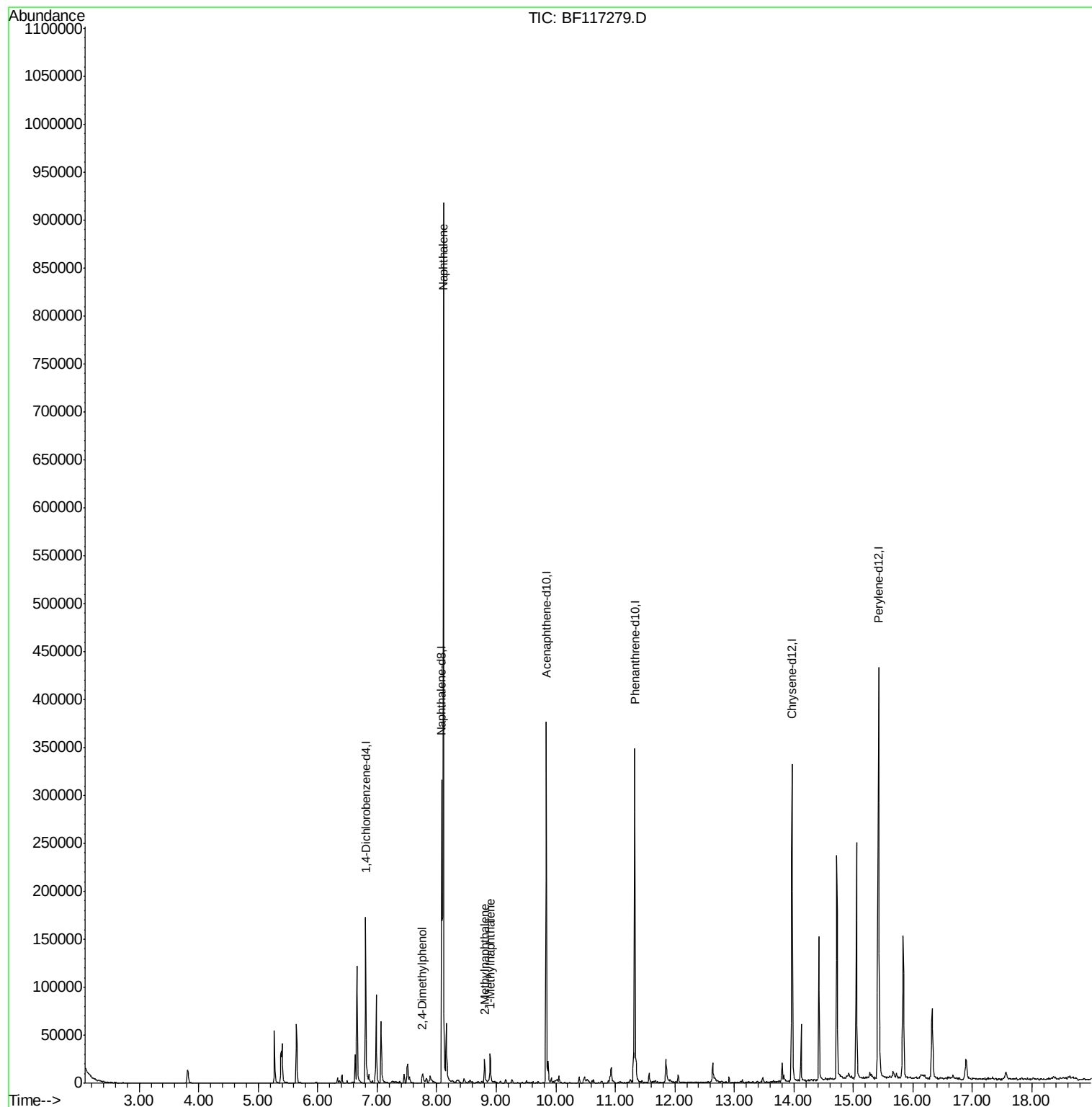
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117279.D
Acq On : 1 Oct 2019 16:20
Operator : JU
Sample : K5019-03DL2 150X
Misc :
ALS Vial : 4 Sample Multiplier: 1

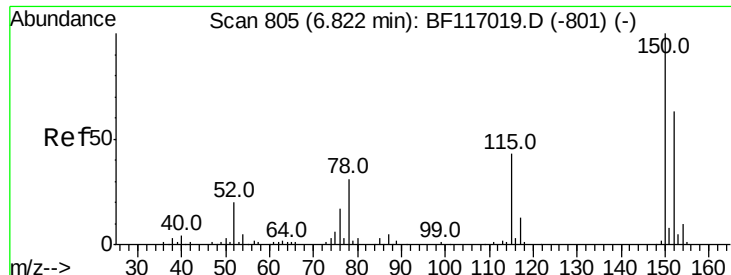
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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#1

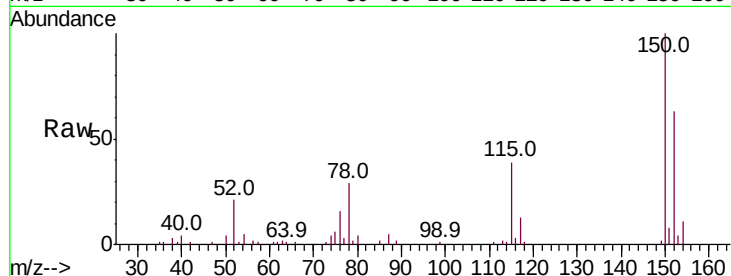
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.5	191.3
115	62.7	55.0	82.4

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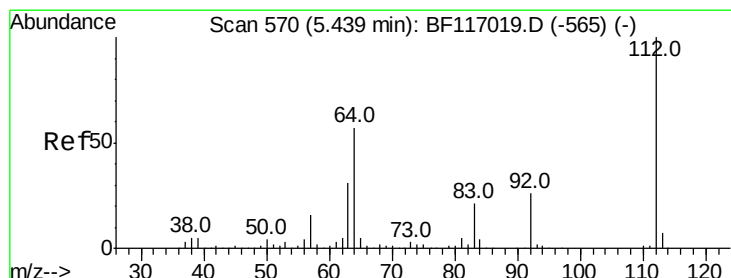
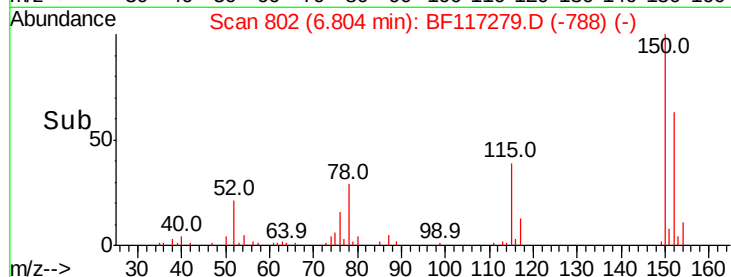
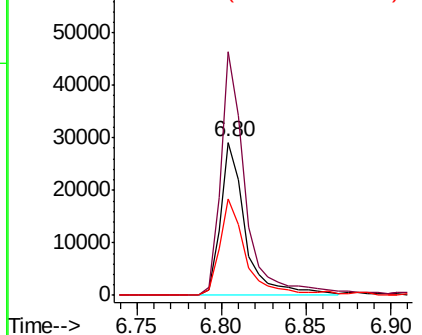


Abundance

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: 0.176 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.05 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

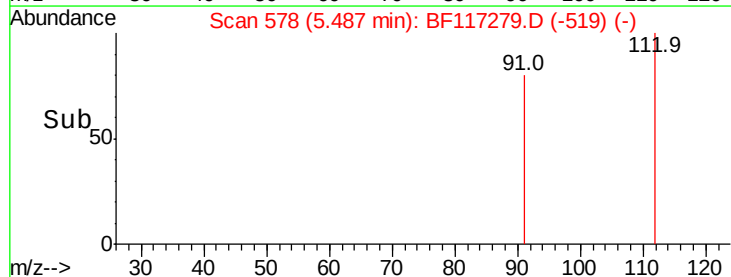
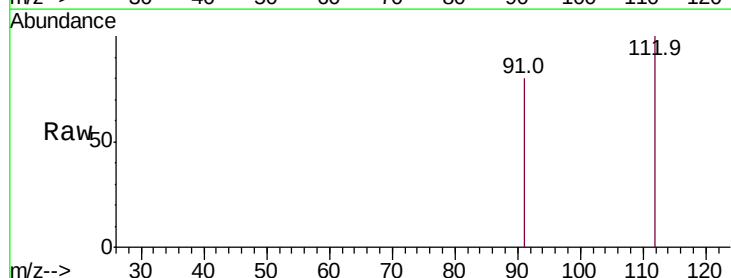
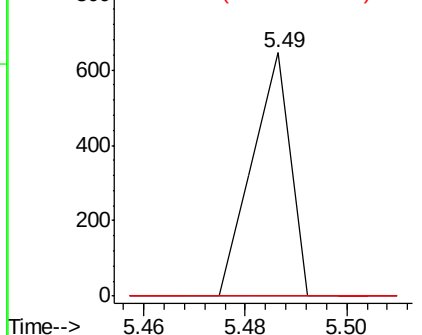
Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	45.7	68.5#
63	0.0	24.9	37.3#

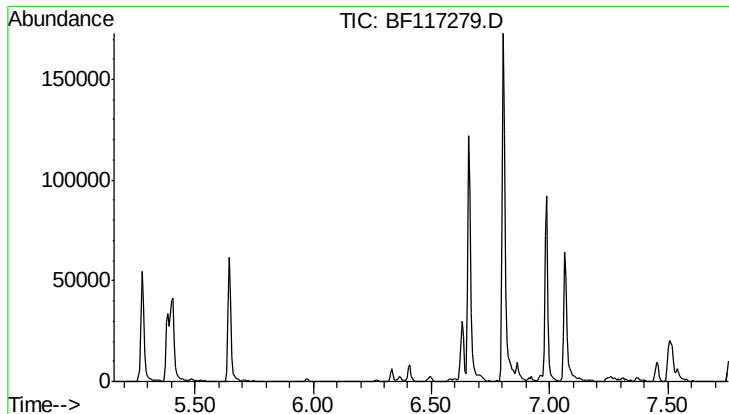
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.46 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

Tot Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 37.3

Instrument :

BNA_F

ClientSampleId :

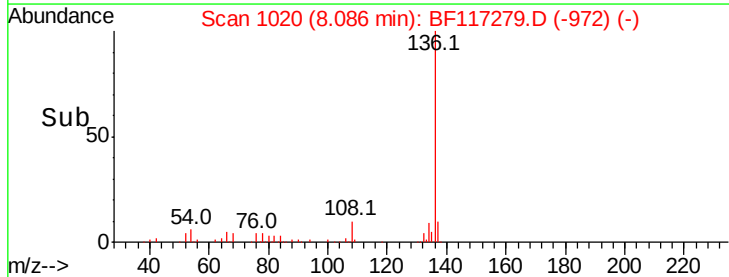
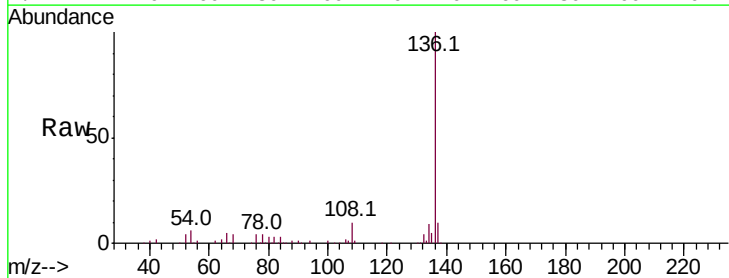
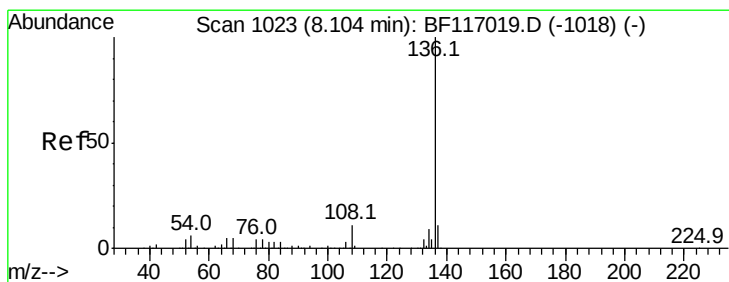
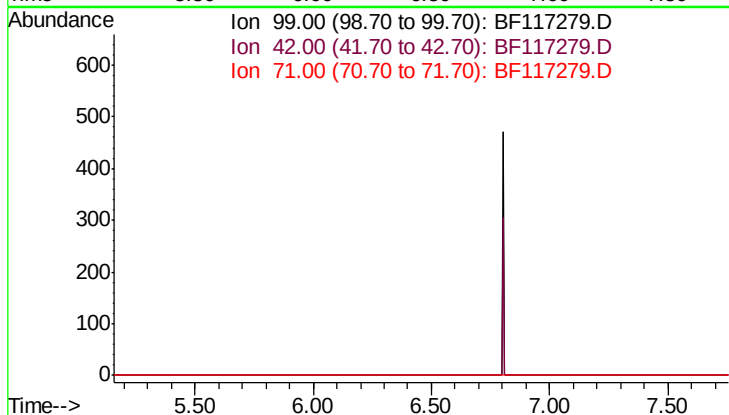
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

Tgt Ion:136 Resp: 136662

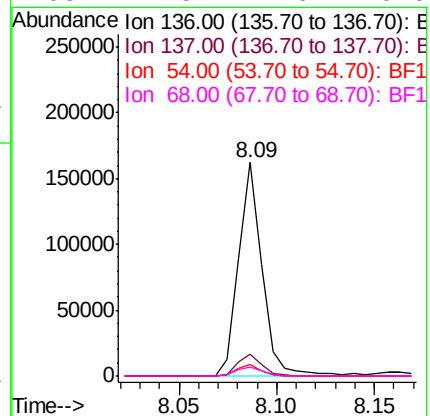
Ion Ratio Lower Upper

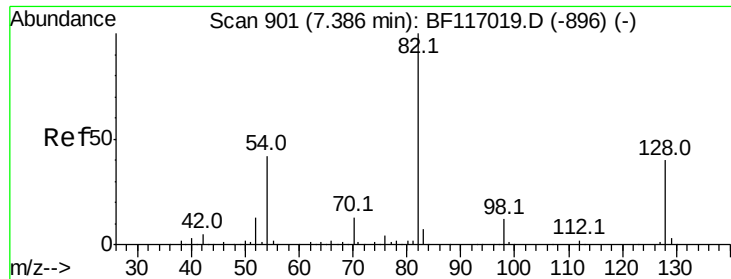
136 100

137 10.4 9.0 13.4

54 5.6 4.5 6.7

68 4.5 4.0 6.0





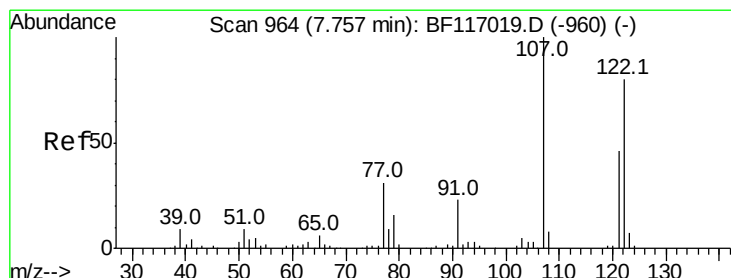
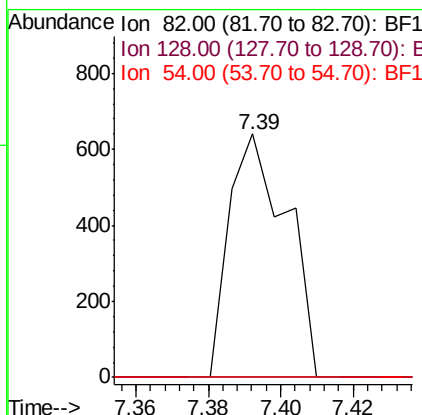
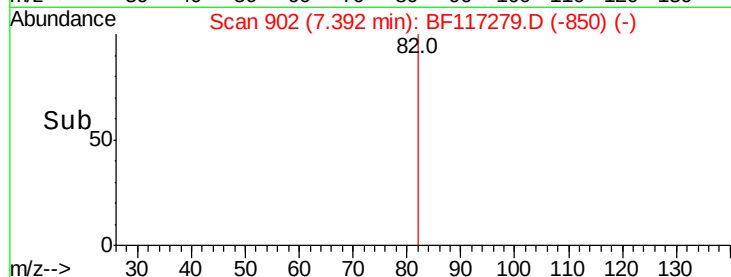
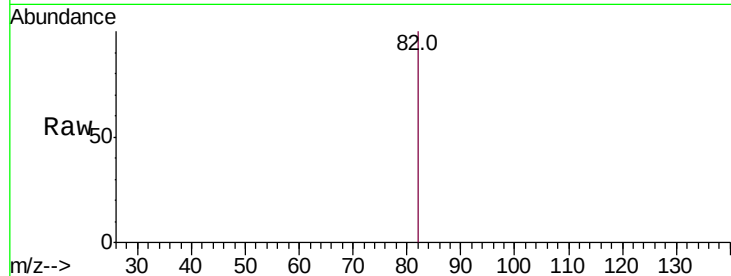
#23
Nitrobenzene-d5
Concen: 0.272 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion	Ratio	Lower	Upper
82	100		
128	0.0	32.3	48.5#
54	0.0	33.3	49.9#

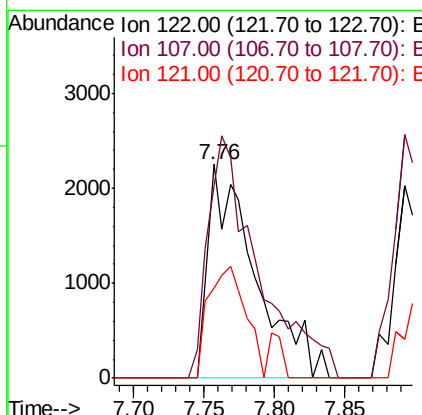
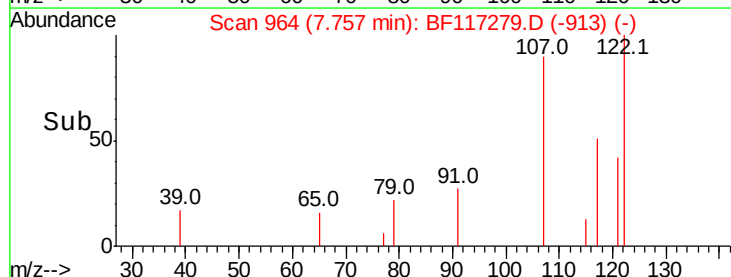
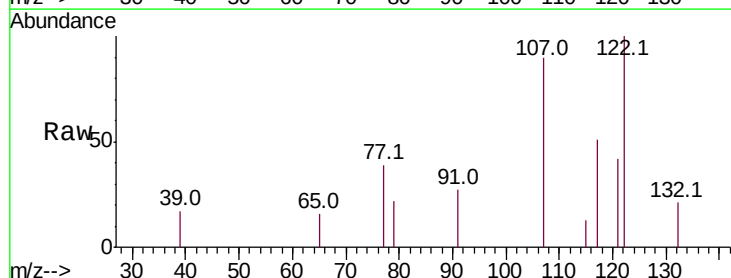
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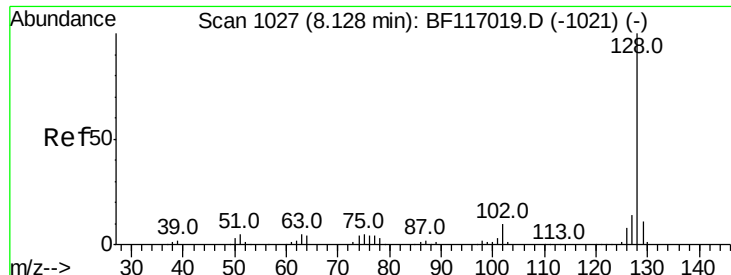
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#27
2,4-Dimethylphenol
Concen: 3.018 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion	Ratio	Lower	Upper
122	100		
107	90.2	98.9	148.3#
121	42.0	45.3	67.9#





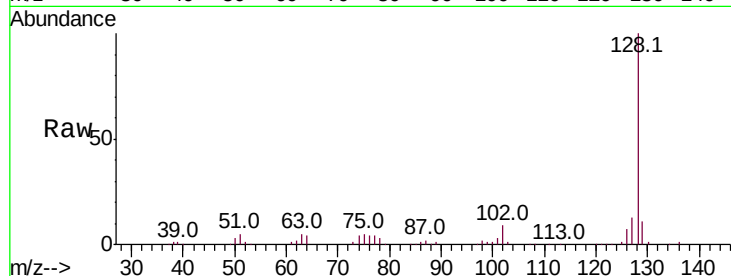
#31
Naphthalene
Concen: 60.156 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.1	10.8	16.2

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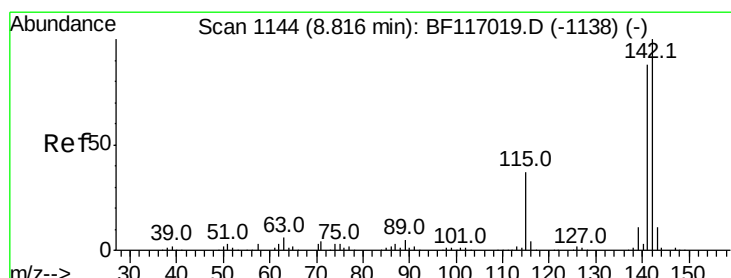
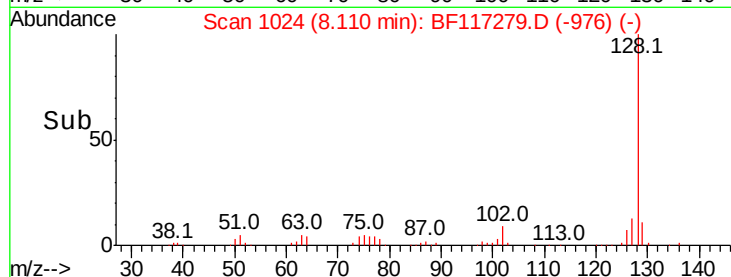
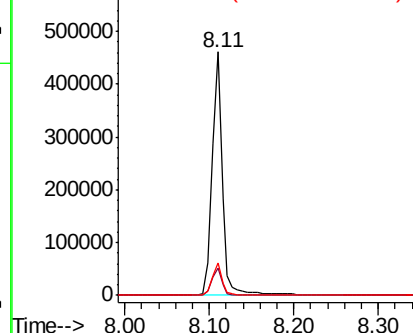


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
2-Methylnaphthalene
Concen: 2.196 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

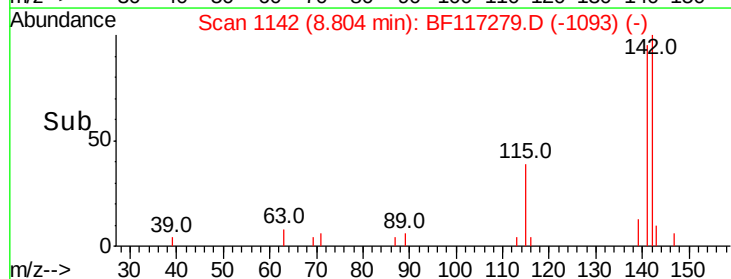
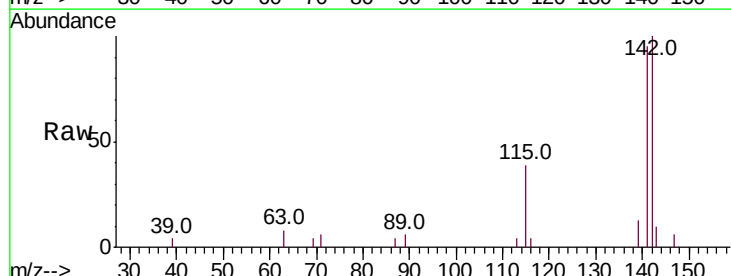
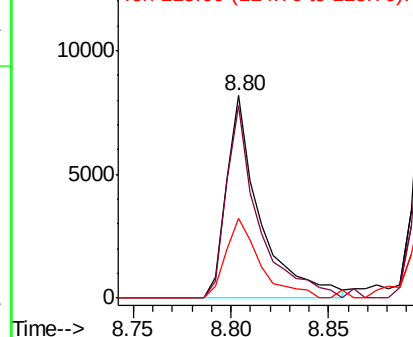
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	70.7	106.1
115	39.4	29.4	44.0

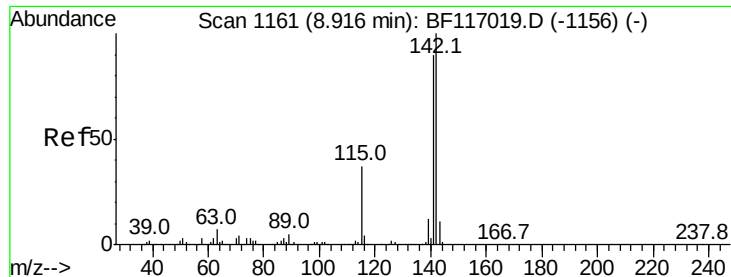
Abundance

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: 2.696 ng/ml

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

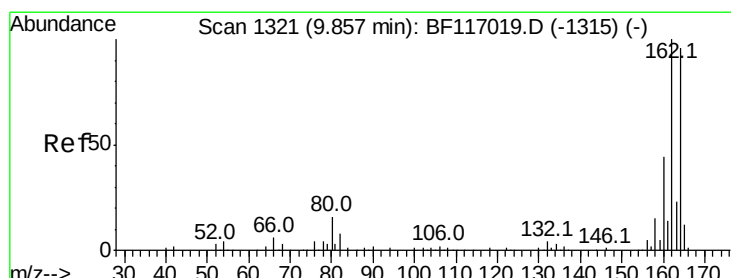
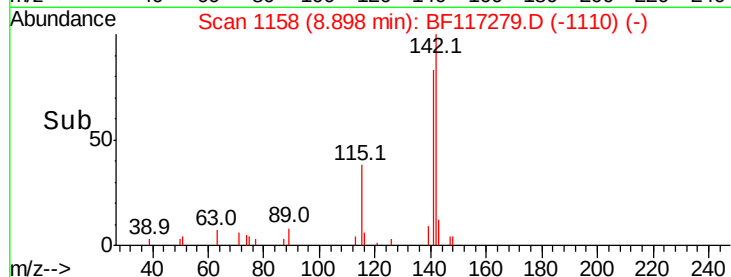
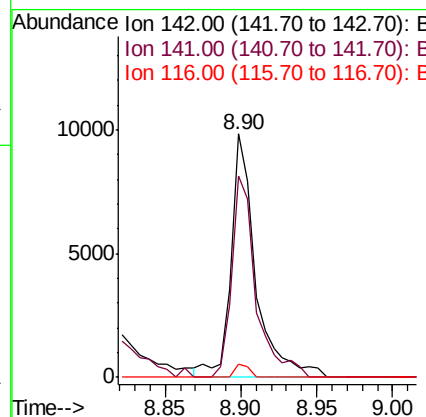
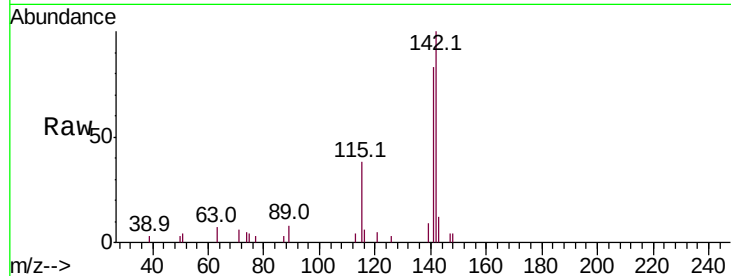
Instrument :
BNA_F

ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion	Ratio	Resp	Lower	Upper
142	100	11177		
141	82.6	71.9	107.9	
116	5.6	3.2	4.8#	

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#39

Acenaphthene-d10

Concen: 20.000 ng

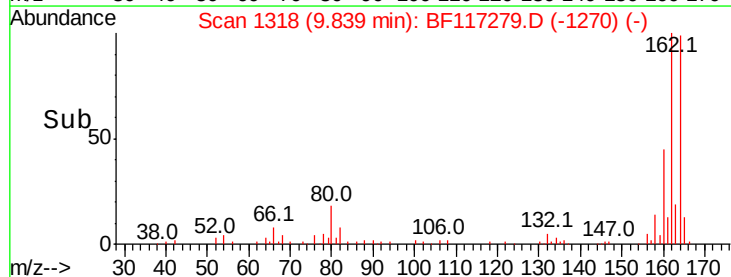
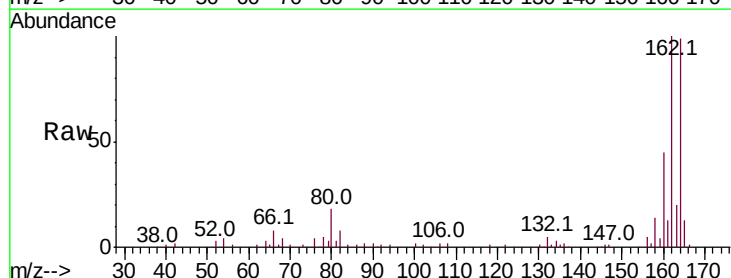
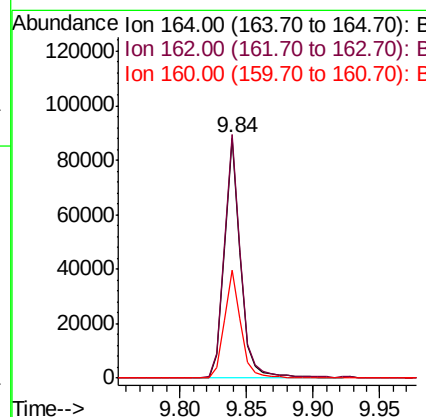
RT: 9.84 min Scan# 1318

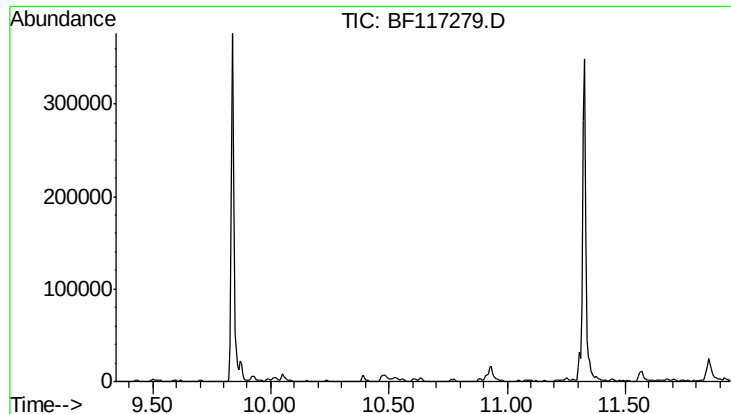
Delta R.T. -0.02 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76133		
162	101.4	83.4	125.2	
160	45.1	36.4	54.6	





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.65 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

Tot Ion: 330

Sig Exp Ratio

330 100

332 97.5

141 44.7

Instrument :

BNA_F

ClientSampleId :

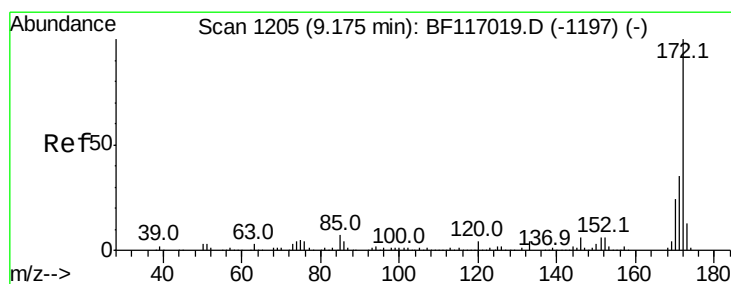
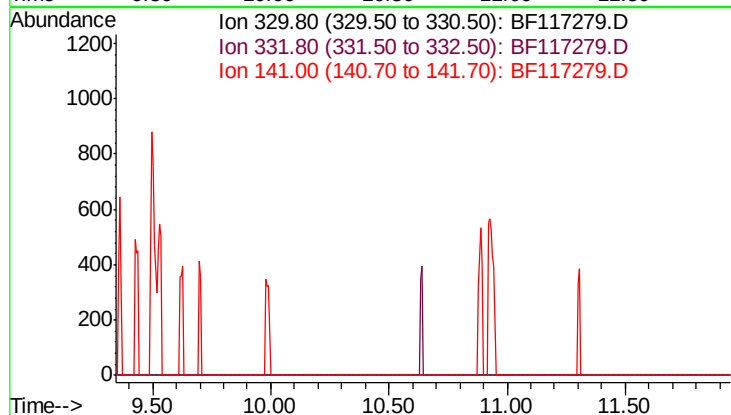
QNWP8-MW26S-GWDL2

Manual Integrations

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#45

2-Fluorobiphenyl

Concen: 0.463 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

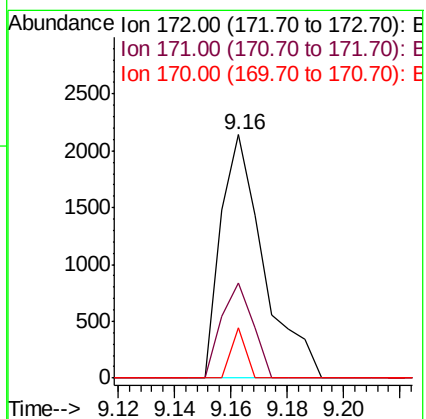
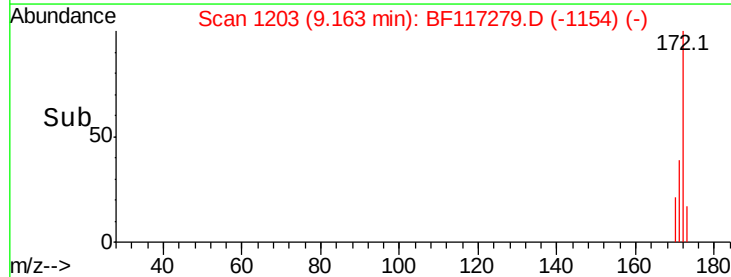
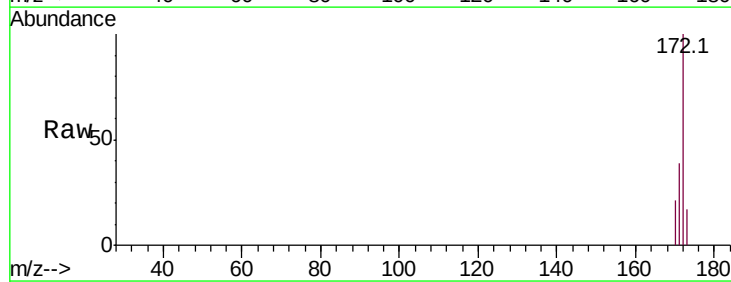
Tgt Ion:172 Resp: 2253

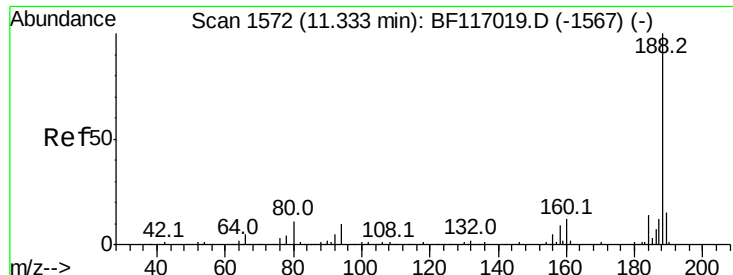
Ion Ratio Lower Upper

172 100

171 39.0 28.2 42.2

170 20.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

Instrument :

BNA_F

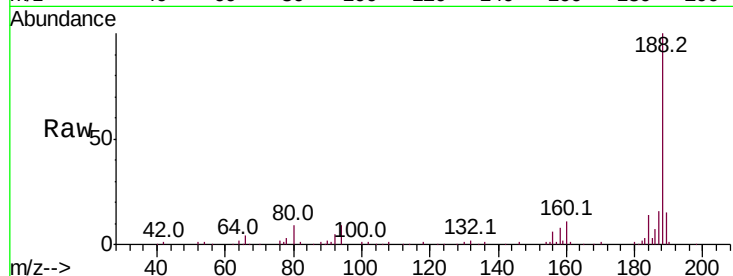
ClientSampleId :

QNWP8-MW26S-GWDL2

Tot Ion:	188	Resp:	134072
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.2	12.2
80	9.4	9.0	13.6

Manual Integrations
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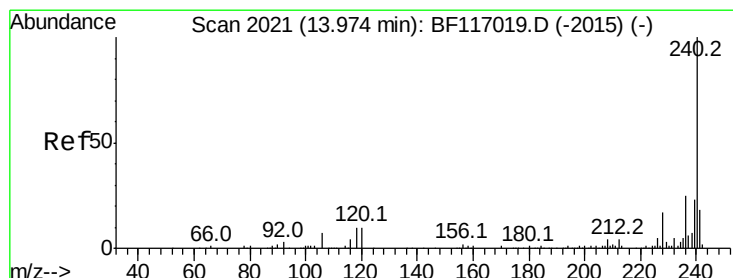
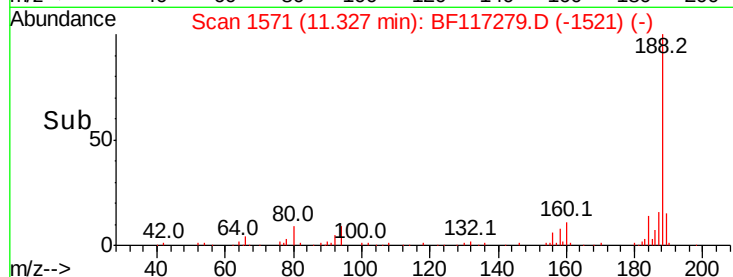
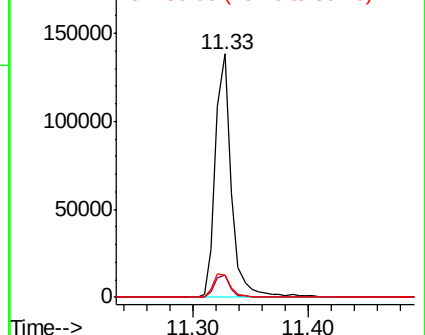
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

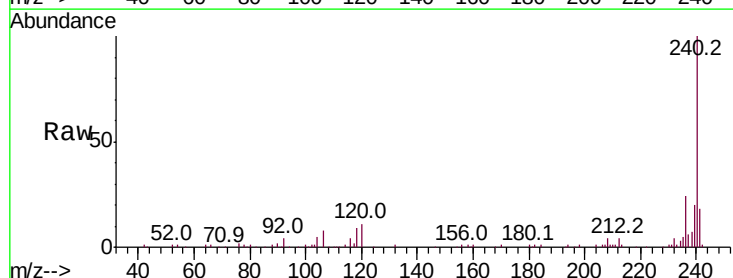
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

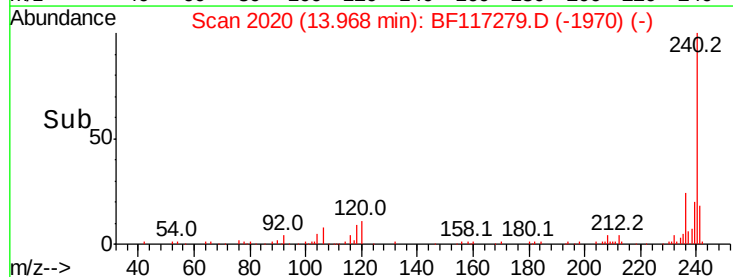
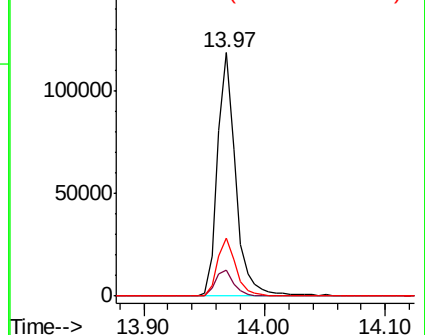
Tgt Ion:	240	Resp:	122319
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.3	12.5
236	23.9	20.3	30.5

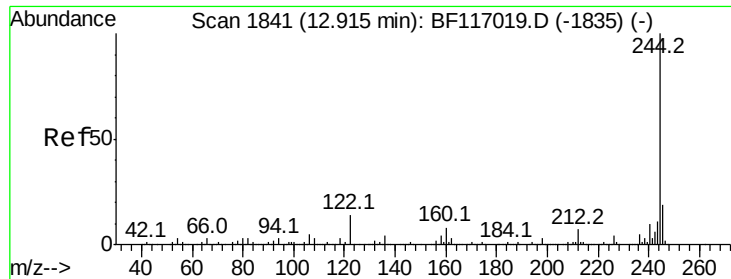


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.520 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

Instrument :

BNA_F

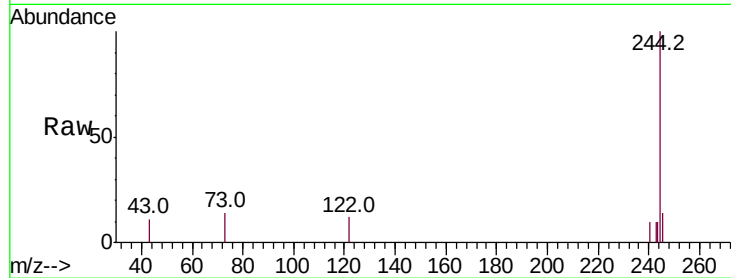
ClientSampleId :

QNWP8-MW26S-GWDL2

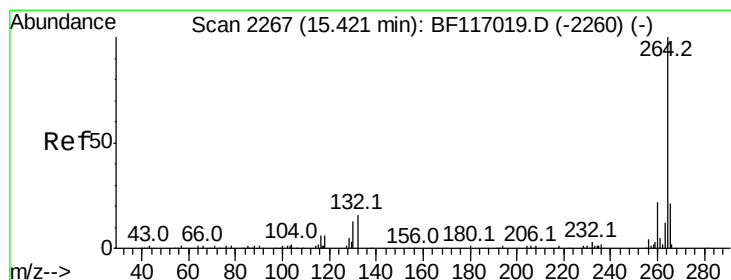
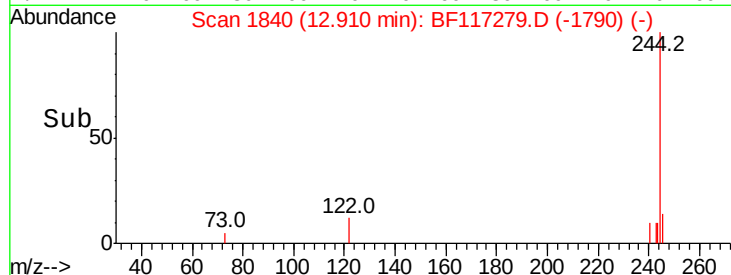
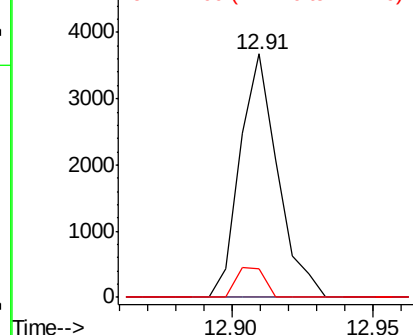
Tot Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.8	8.8#
122	11.8	11.3	16.9

Manual Integrations
APPROVED

mohammad
10/2/2019 3:56:36 PM



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



#87

Perylene-d12

Concen: 20.000 ng

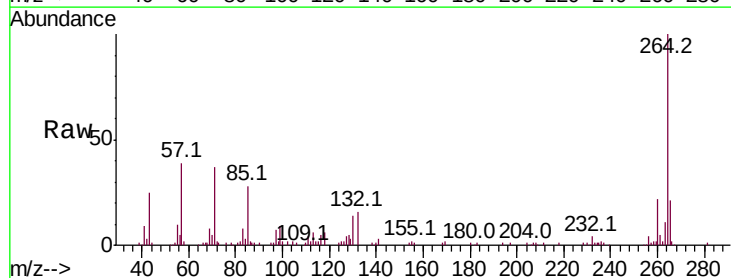
RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF117279.D

Acq: 1 Oct 2019 16:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.6	26.4
265	20.9	16.6	24.8



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

