

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116405.D
 Acq On : 19 Aug 2019 23:17
 Operator : HP/JU
 Sample : K4290-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: Aug 20 03:29:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

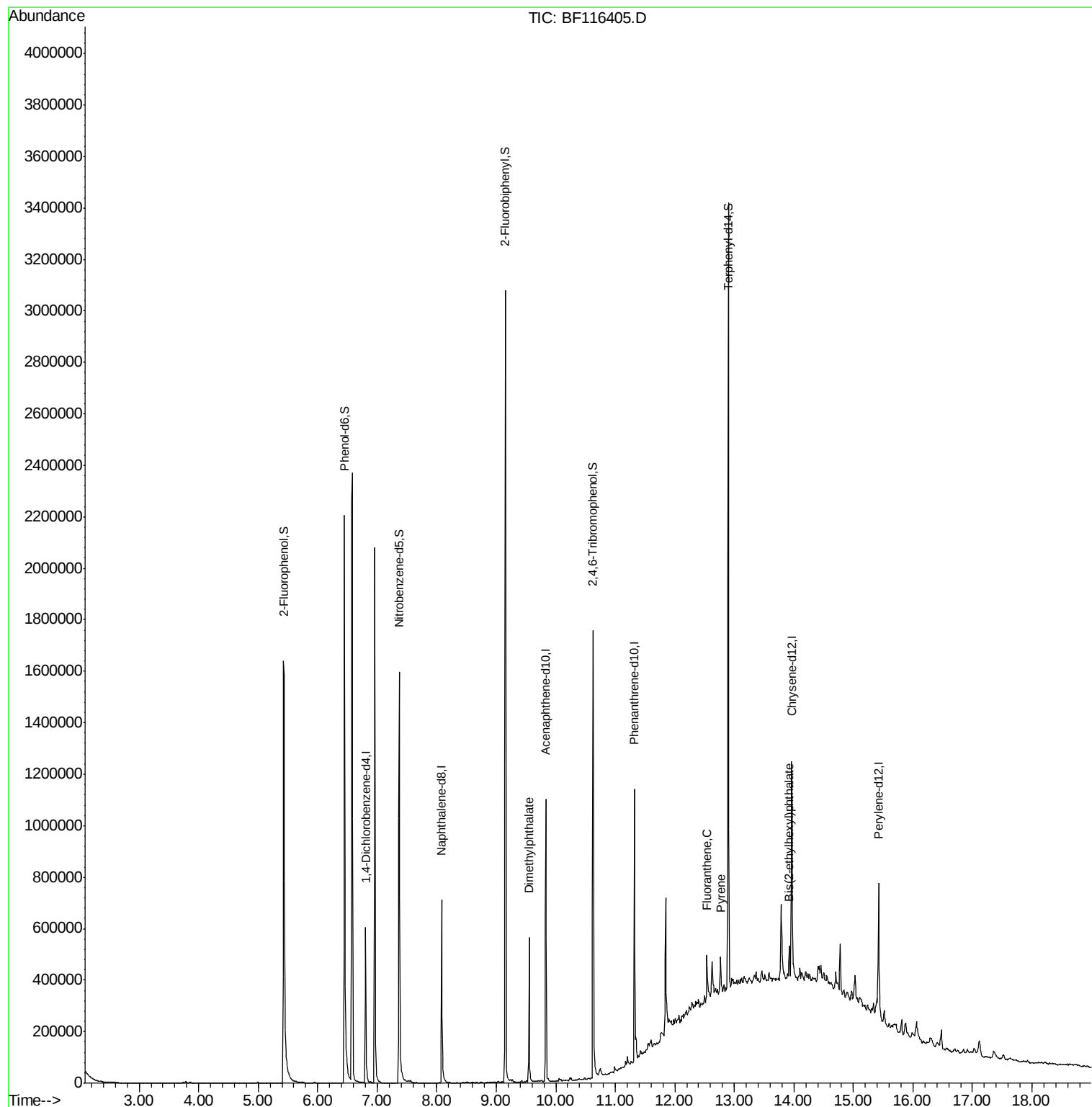
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97965	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	378329	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	206062	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	379606	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	284336	20.00	ng	-0.02
87) Perylene-d12	15.42	264	272746	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	679053	116.04	ng	0.00
7) Phenol-d6	6.45	99	880961	119.32	ng	-0.01
23) Nitrobenzene-d5	7.37	82	561351	85.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	247852	124.06	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	991122	90.09	ng	-0.02
79) Terphenyl-d14	12.90	244	1169618	86.68	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	233439	16.638	ng	99
75) Fluoranthene	12.54	202	60305	2.968	ng	98
78) Pyrene	12.77	202	48235	2.250	ng	97
84) Bis(2-ethylhexyl)phthalate	13.92	149	35827	3.041	ng	98

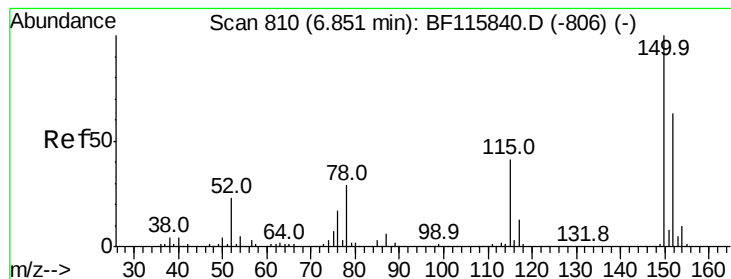
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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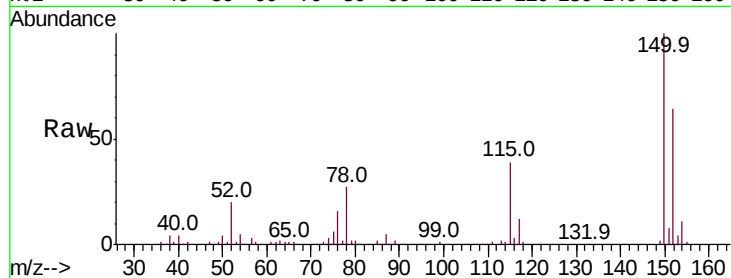


#1

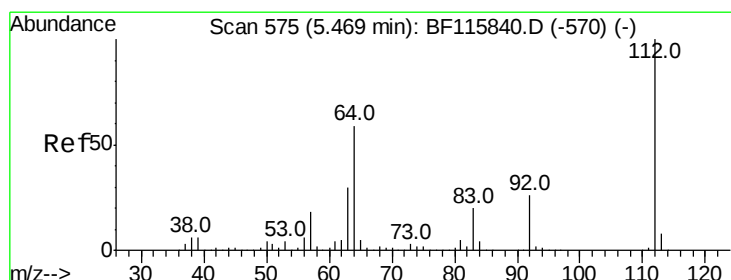
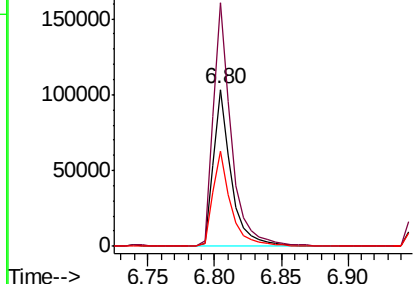
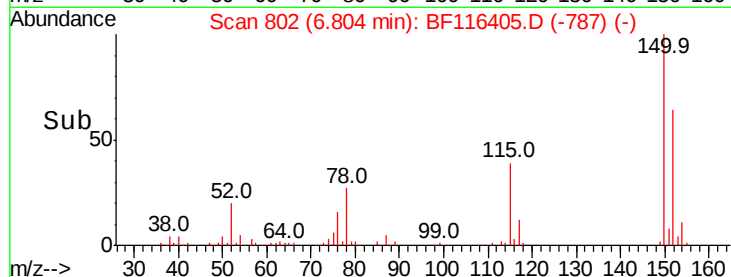
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116405.D
 Acq: 19 Aug 2019 23:17

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Tot Ion:152 Resp: 97965
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 60.9 49.9 74.9



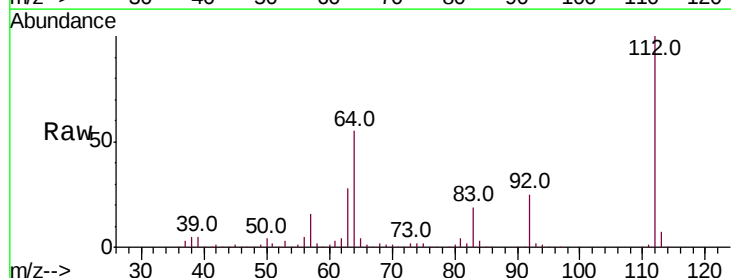
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



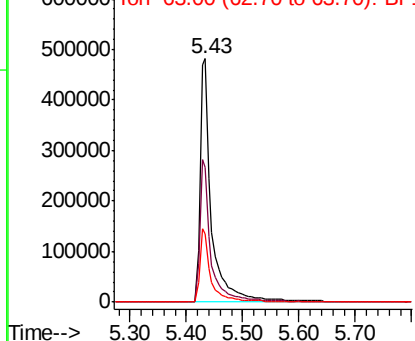
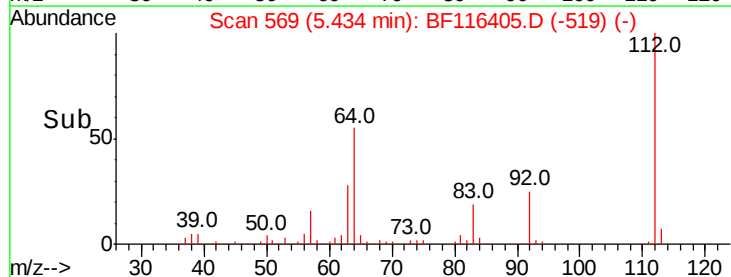
#5

2-Fluorophenol
 Concen: 116.039 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF116405.D
 Acq: 19 Aug 2019 23:17

Tgt Ion:112 Resp: 679053
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.4 68.2
 63 28.0 23.7 35.5



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: 119.319 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

Instrument :

BNA_F

ClientSampled :

B-2

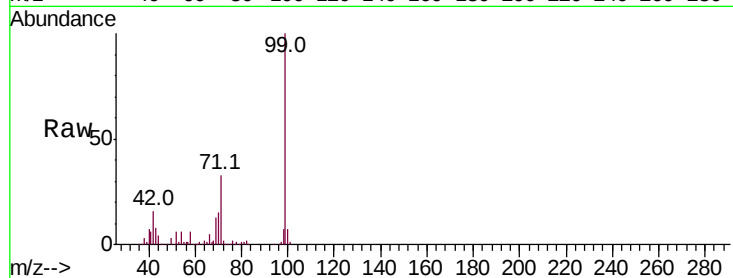
Tot Ion: 99 Resp: 880961

Ion Ratio Lower Upper

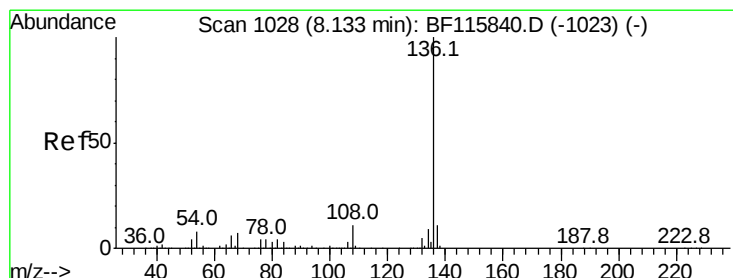
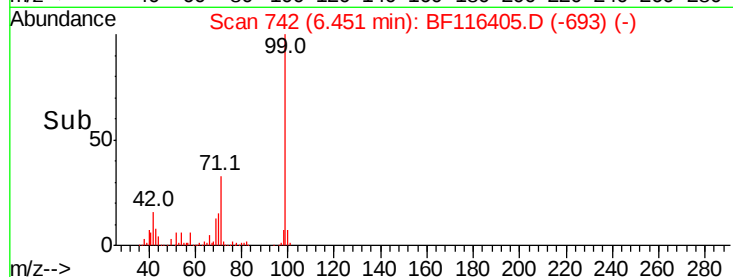
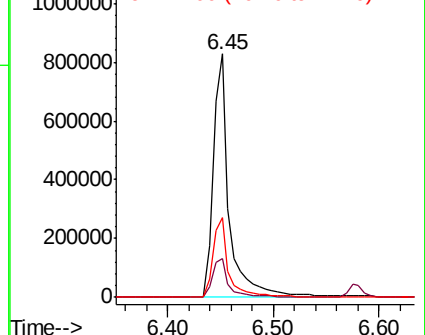
99 100

42 16.0 13.8 20.8

71 32.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

Tgt Ion: 136 Resp: 378329

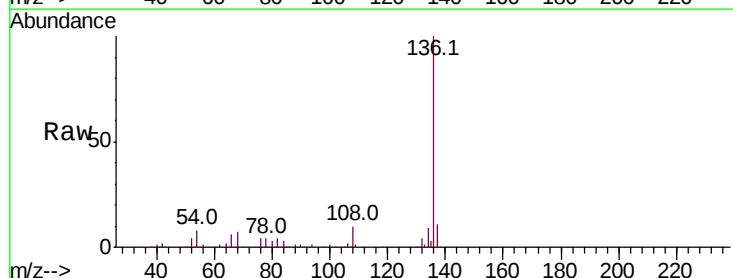
Ion Ratio Lower Upper

136 100

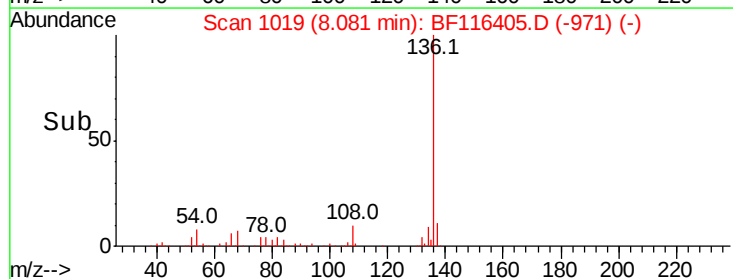
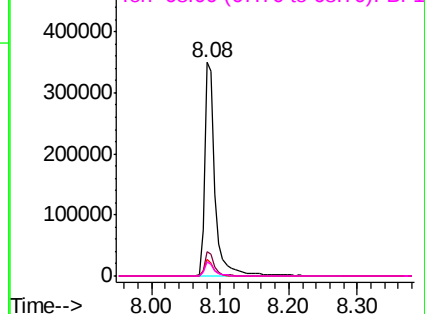
137 11.2 9.0 13.4

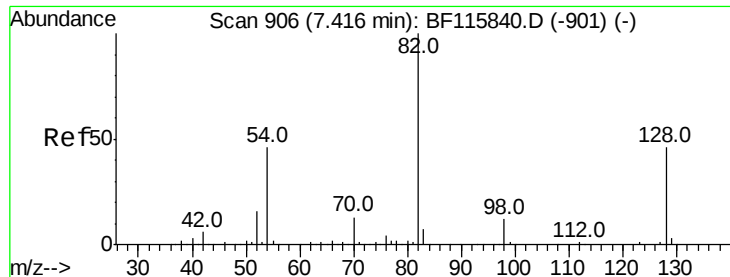
54 7.7 5.8 8.6

68 6.6 5.2 7.8



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

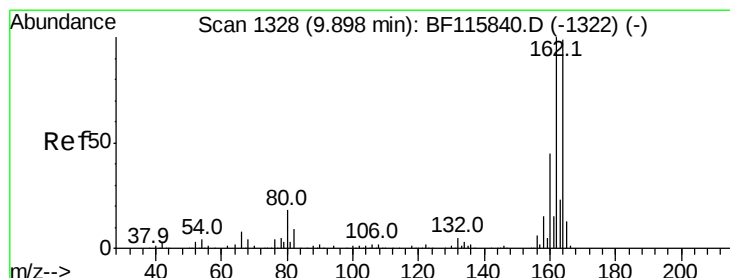
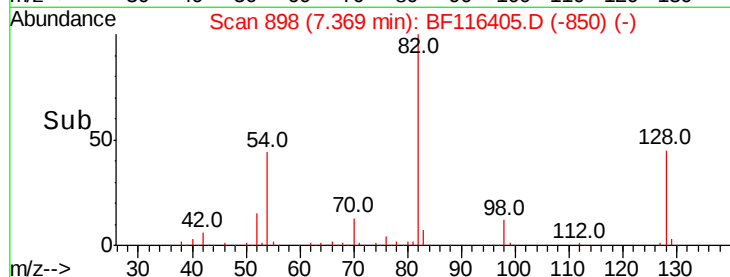
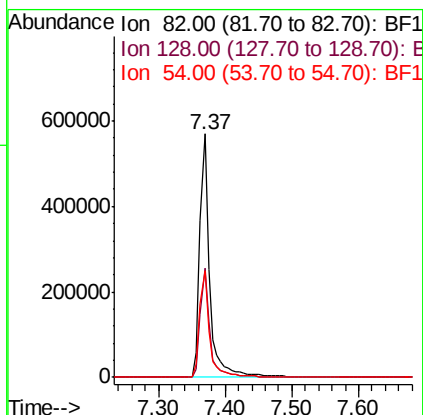
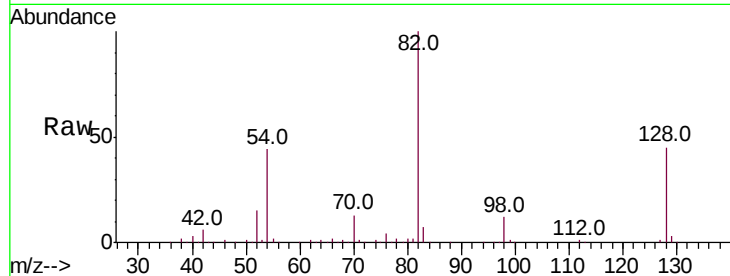




#23
 Nitrobenzene-d5
 Concen: 85.647 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116405.D
 Acq: 19 Aug 2019 23:17

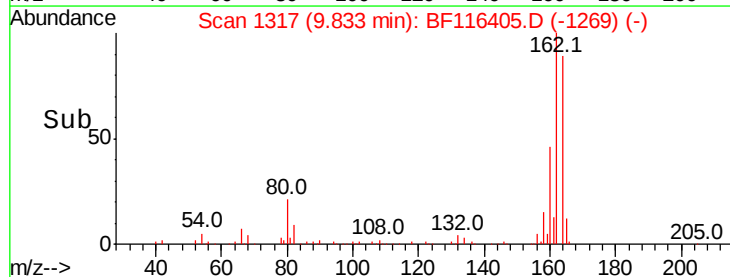
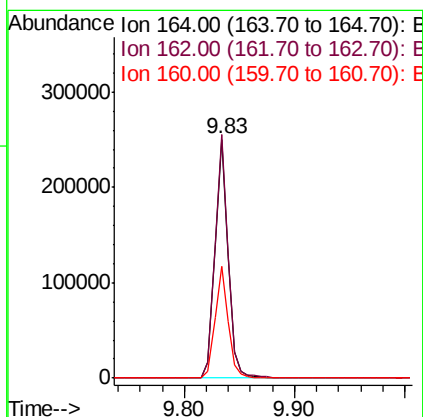
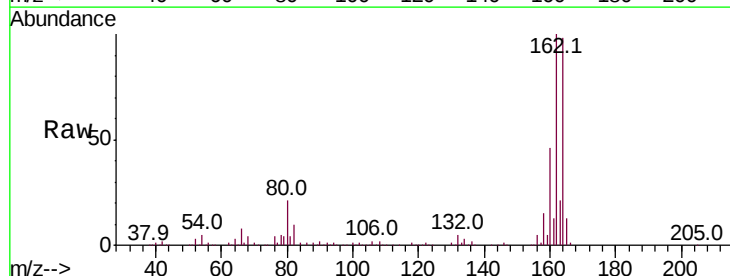
Instrument :
 BNA_F
 ClientSampleId :
 B-2

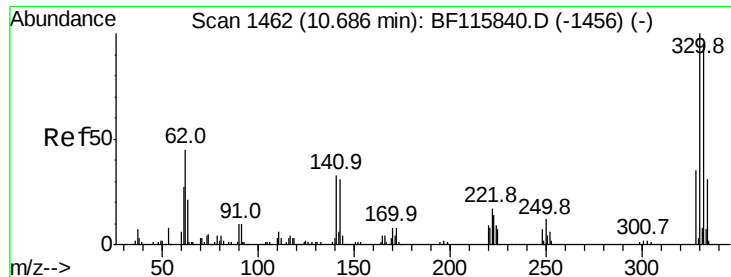
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.5	54.7
54	43.8	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116405.D
 Acq: 19 Aug 2019 23:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	46.6	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 124.061 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

Instrument :

BNA_F

ClientSampleId :

B-2

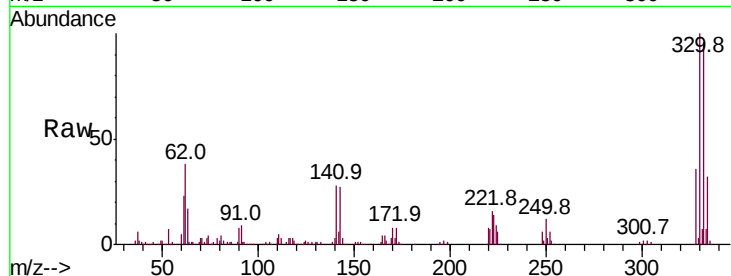
Tot Ion:330 Resp: 247852

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

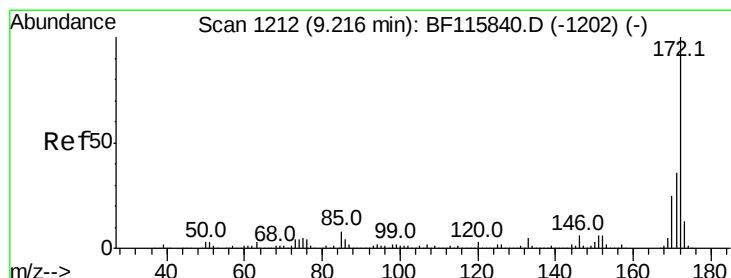
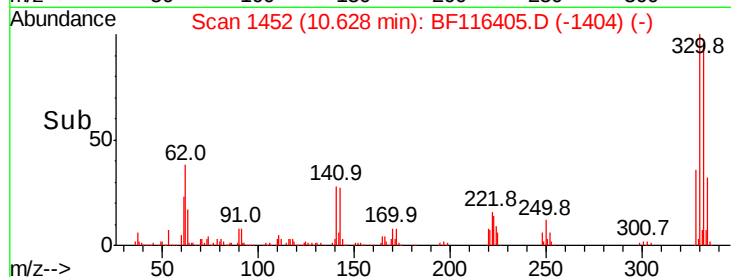
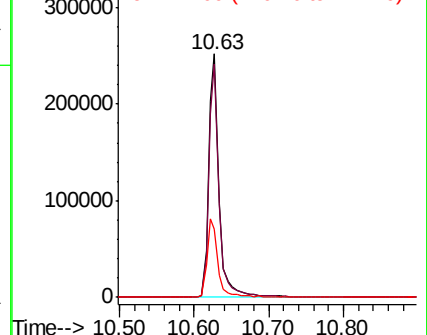
141 34.0 26.3 39.5



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: 90.092 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

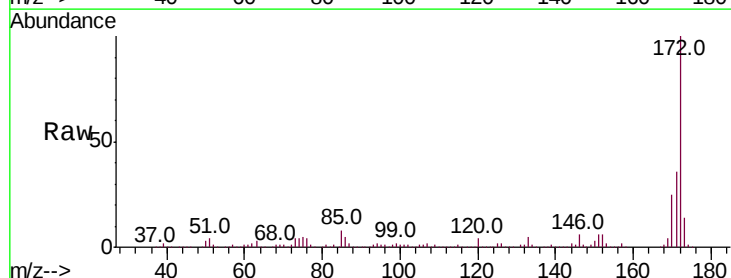
Tgt Ion:172 Resp: 991122

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

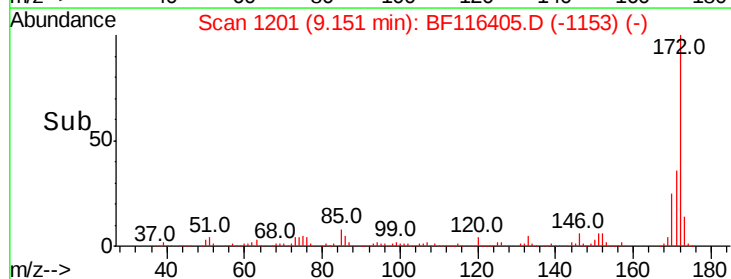
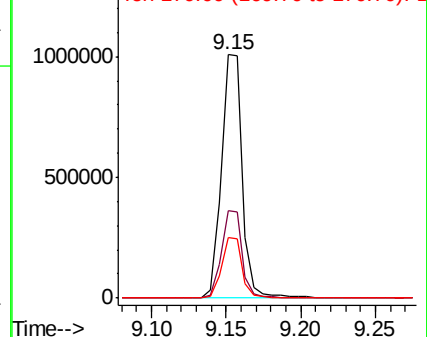
170 24.6 20.1 30.1

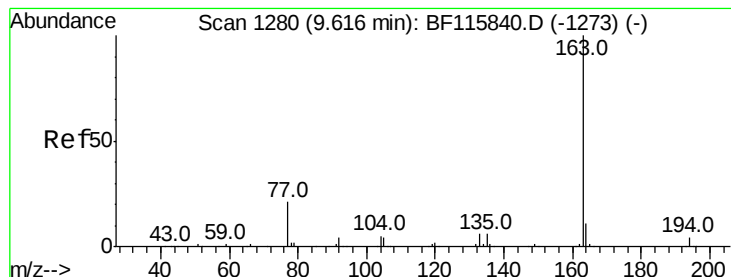


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.638 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

Instrument :

BNA_F

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B-2

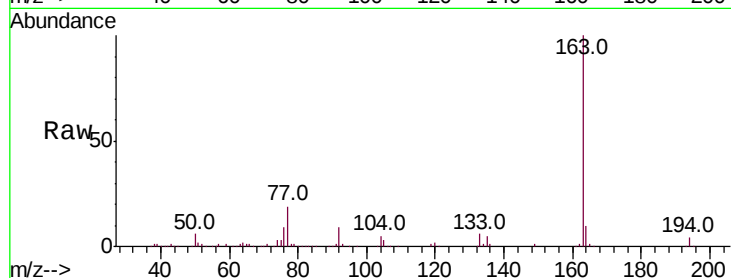
Tot Ion:163 Resp: 233439

Ion Ratio Lower Upper

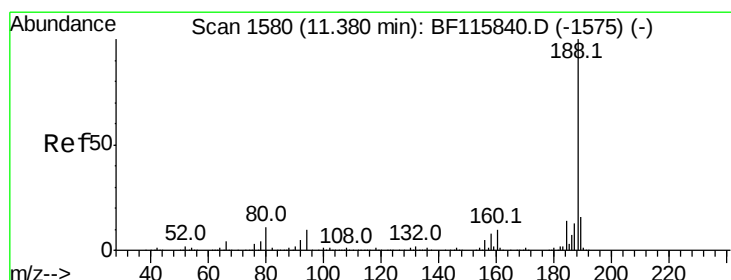
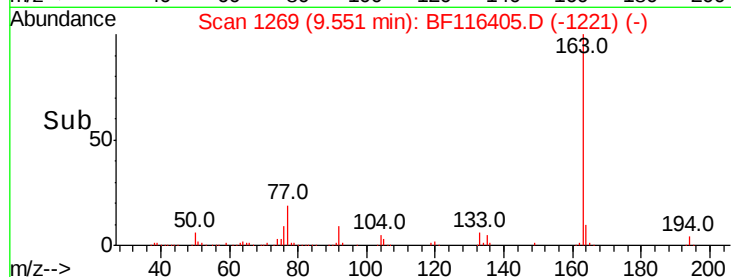
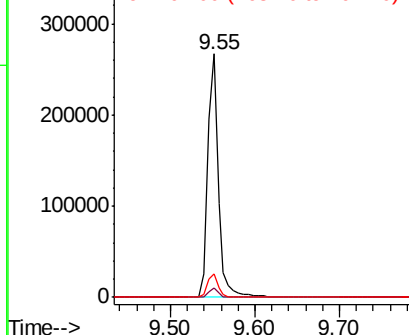
163 100

194 3.8 3.0 4.6

164 9.8 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

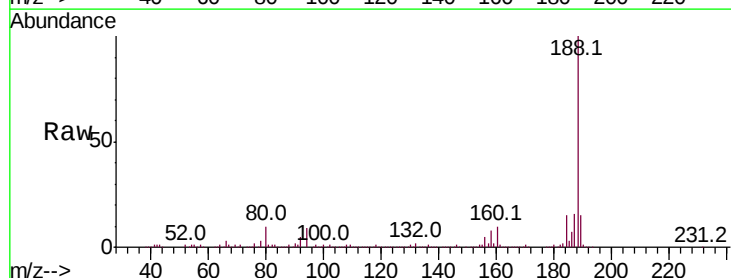
Tgt Ion:188 Resp: 379606

Ion Ratio Lower Upper

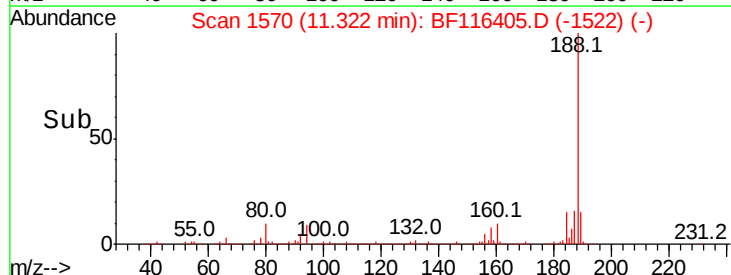
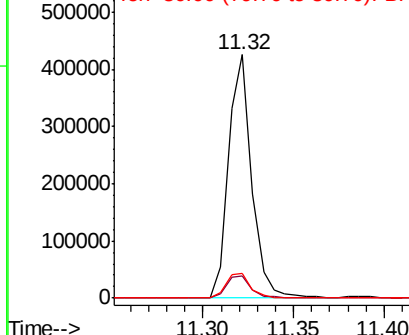
188 100

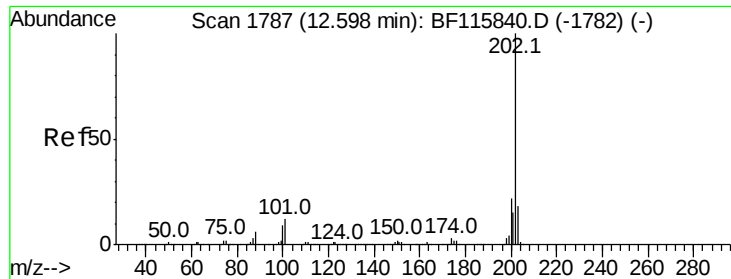
94 9.2 8.1 12.1

80 10.0 8.7 13.1



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

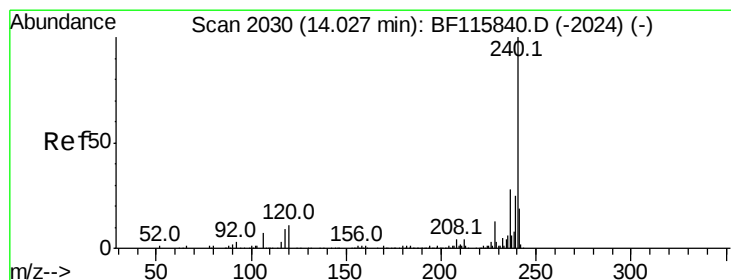
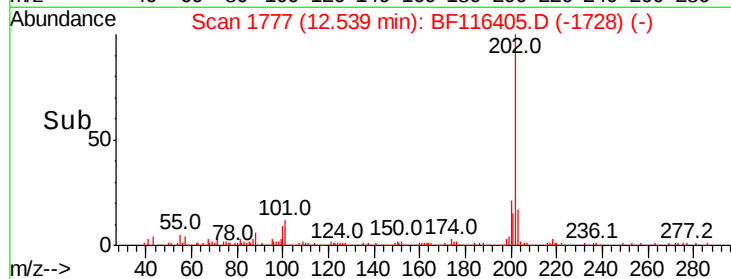
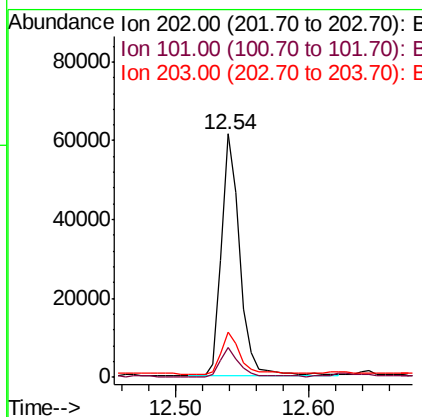
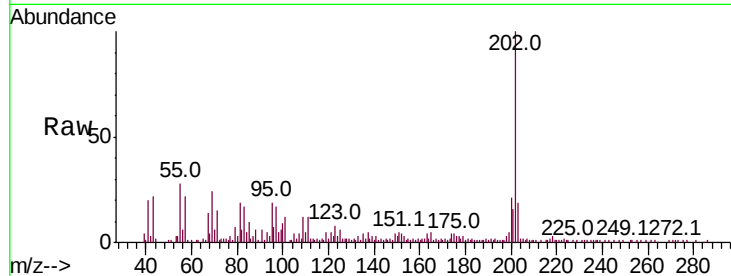




#75
 Fluoranthene
 Concen: 2.968 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116405.D
 Acq: 19 Aug 2019 23:17

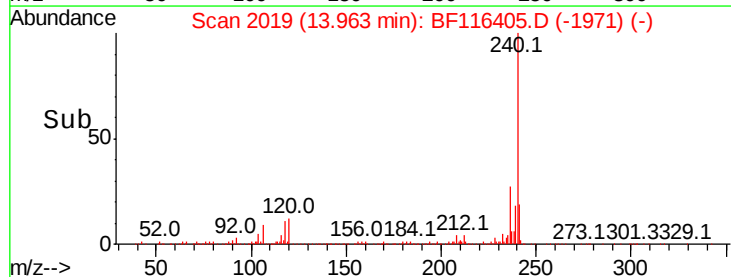
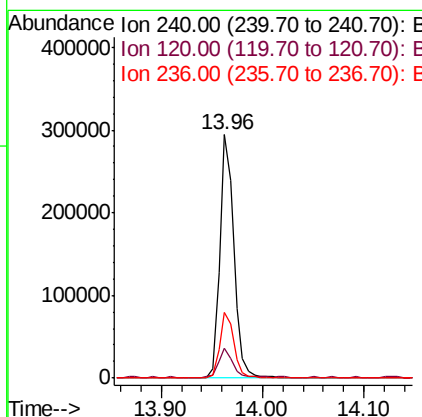
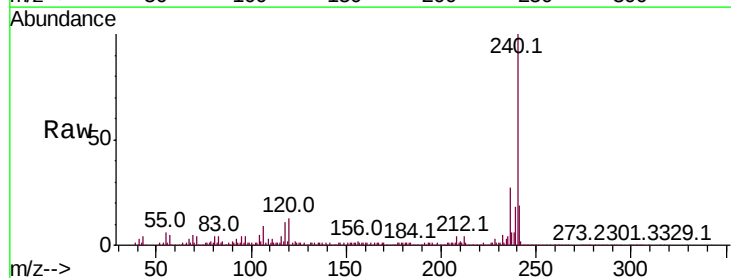
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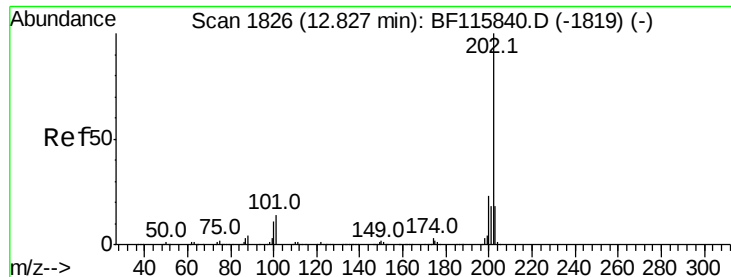
Tot Ion:	202	Resp:	60305
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
203	18.6	0.0	37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116405.D
 Acq: 19 Aug 2019 23:17

Tgt Ion:	240	Resp:	284336
Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.7	16.1
236	27.1	22.2	33.2





#78

Pvrene

Concen: 2.250 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

Instrument :

BNA_F

ClientSampleId :

B-2

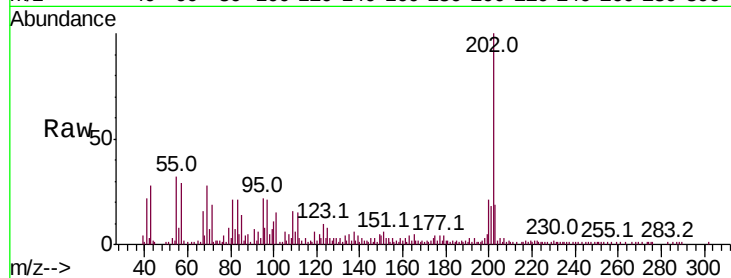
Tot Ion:202 Resp: 48235

Ion Ratio Lower Upper

202 100

200 20.8 18.0 27.0

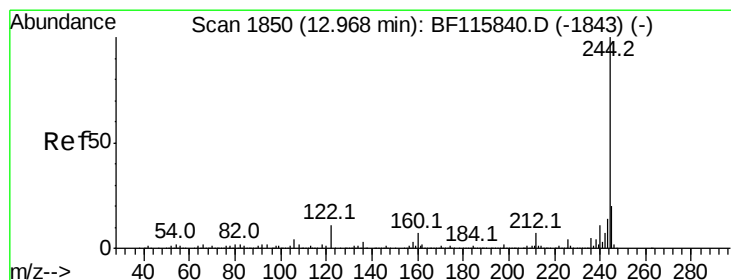
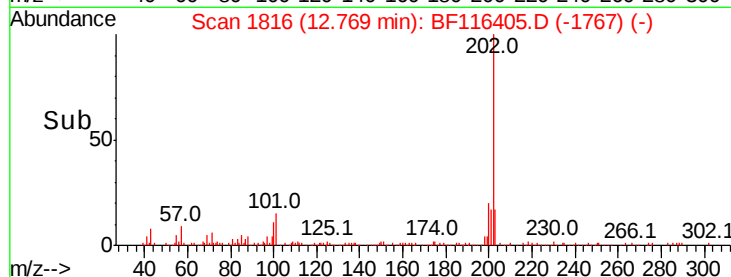
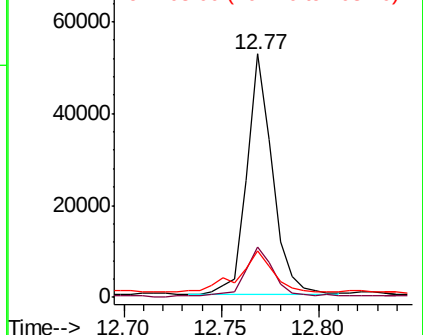
203 19.0 14.1 21.1



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



#79

Terphenyl-d14

Concen: 86.678 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

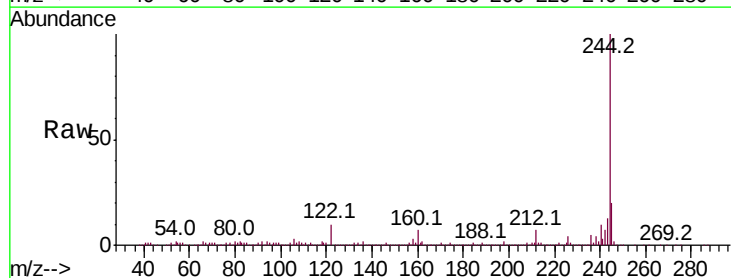
Tgt Ion:244 Resp: 1169618

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

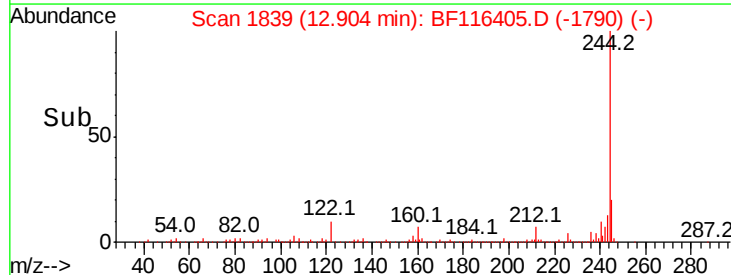
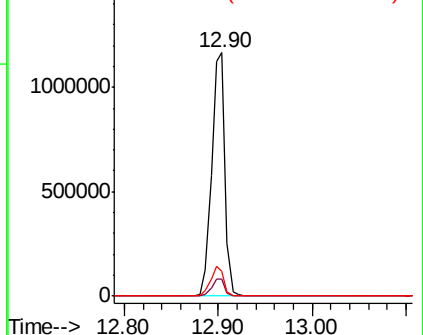
122 10.3 9.0 13.4

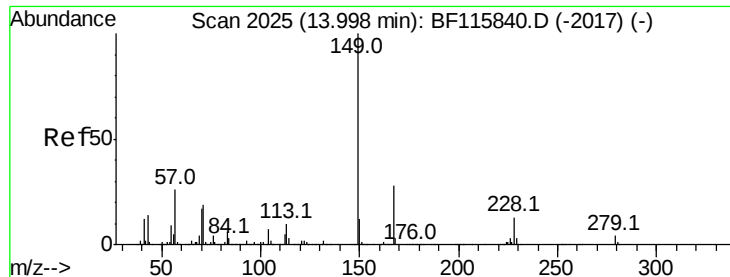


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.041 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

Instrument :

BNA_F

ClientSampleId :

B-2

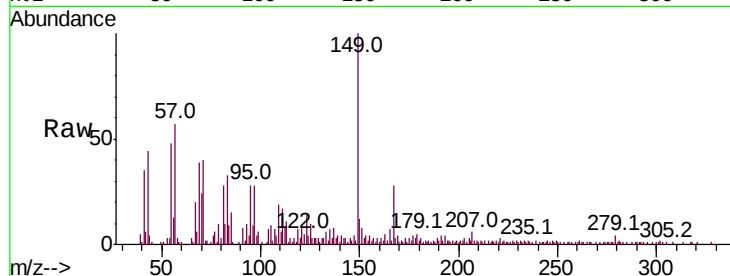
Tot Ion:149 Resp: 35827

Ion Ratio Lower Upper

149 100

167 28.3 21.6 32.4

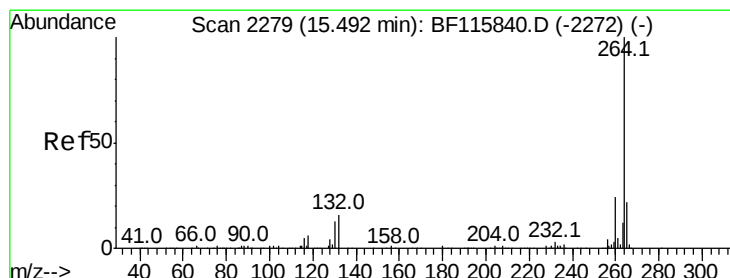
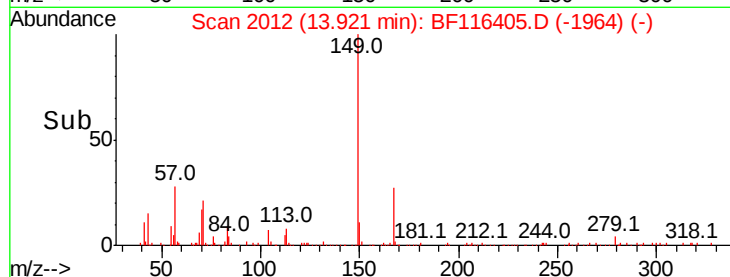
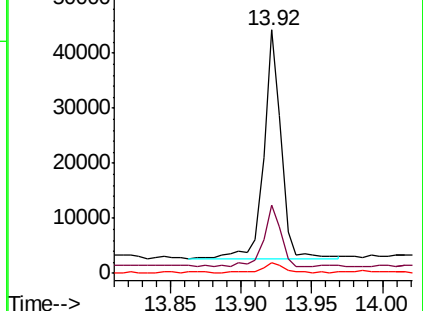
279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116405.D

Acq: 19 Aug 2019 23:17

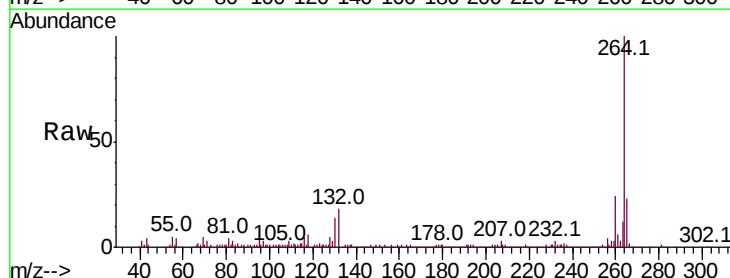
Tgt Ion:264 Resp: 272746

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 22.8 17.4 26.0



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

