

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116925.D
 Acq On : 10 Sep 2019 17:07
 Operator : HP/JU
 Sample : K4661-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-090519

Quant Time: Sep 10 17:57:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

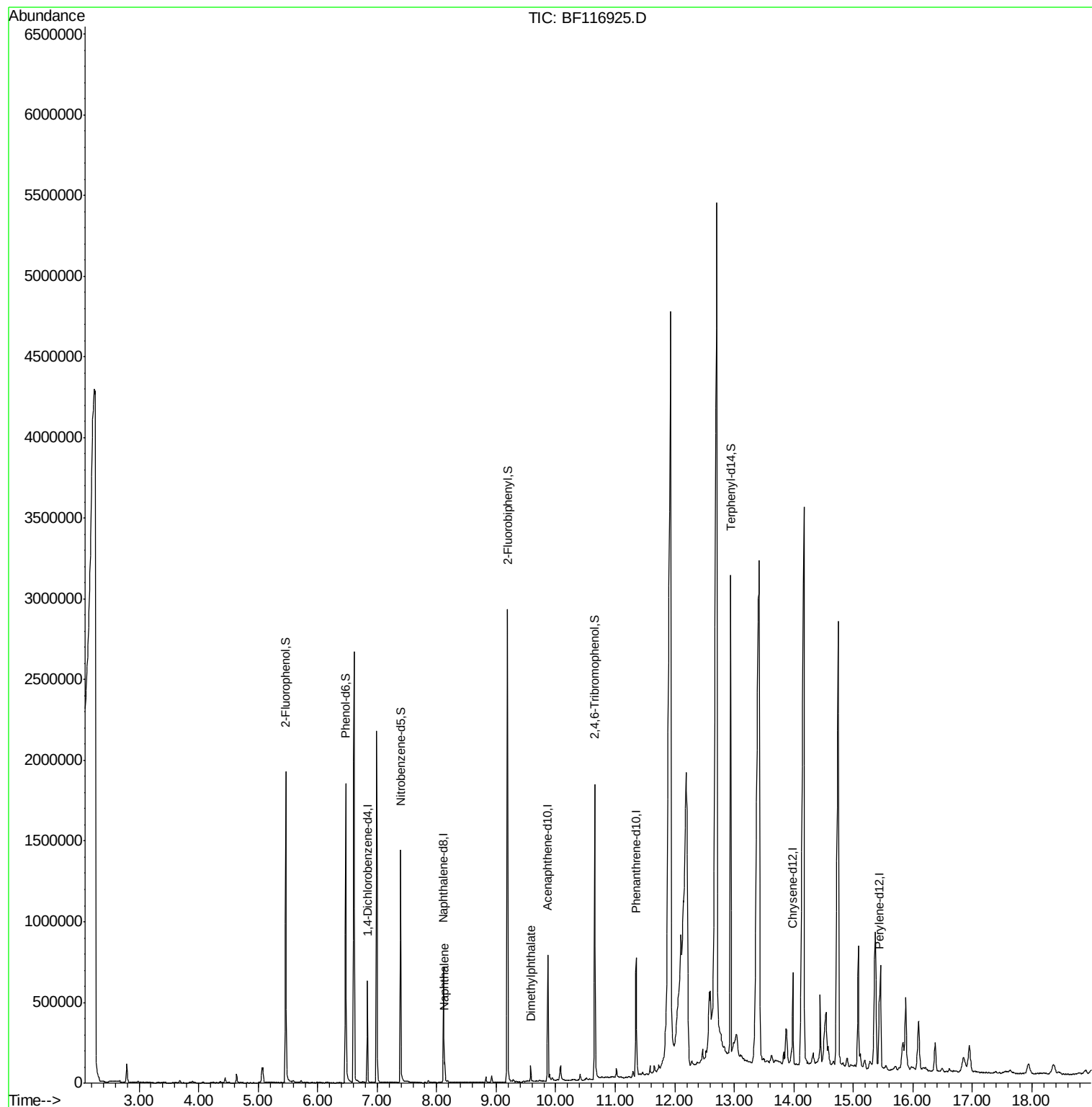
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85654	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	328511	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	168215	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	265274	20.00	ng	0.00
76) Chrysene-d12	13.98	240	175218	20.00	ng	0.00
87) Perylene-d12	15.43	264	156285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	609844	115.35	ng	0.02
7) Phenol-d6	6.47	99	743133	107.04	ng	0.00
23) Nitrobenzene-d5	7.39	82	590817	102.67	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	206441	183.58	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	987817	99.06	ng	0.00
79) Terphenyl-d14	12.94	244	965411	101.93	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	69137	4.426	ng	99
50) Dimethylphthalate	9.58	163	39573	3.407	ng	# 99

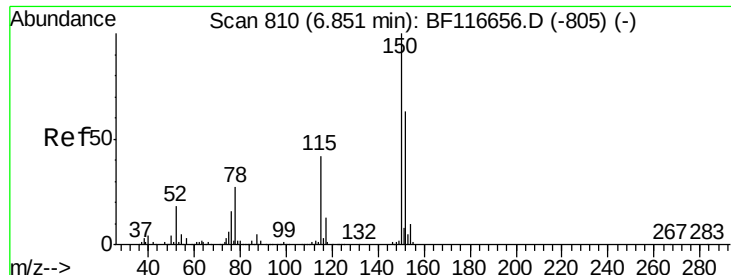
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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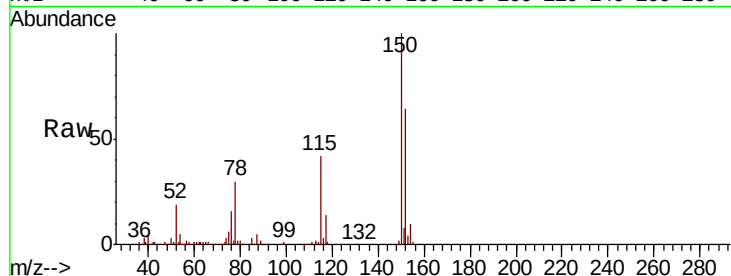


#1

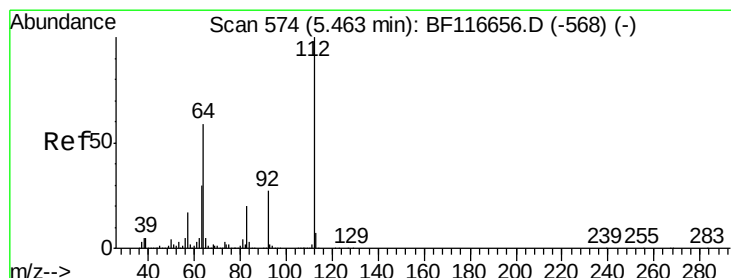
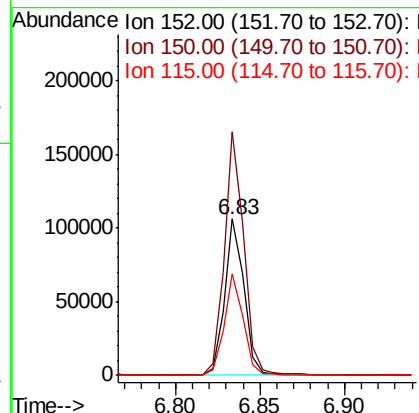
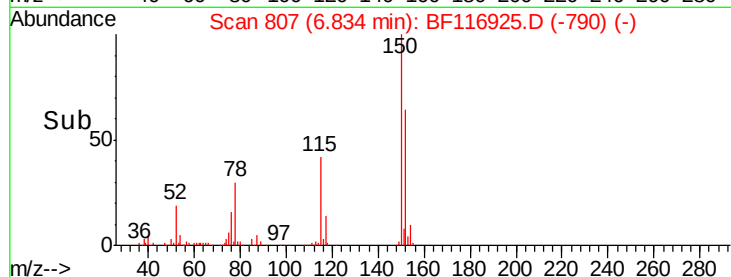
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tot Ion:152 Resp: 85654
Ion Ratio Lower Upper
152 100
150 155.9 124.4 186.6
115 64.9 49.9 74.9



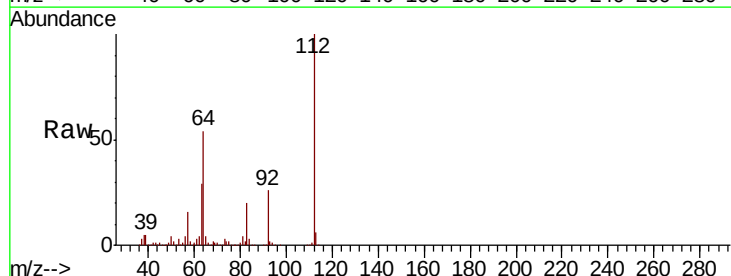
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



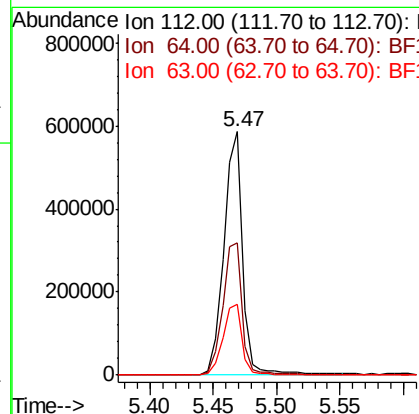
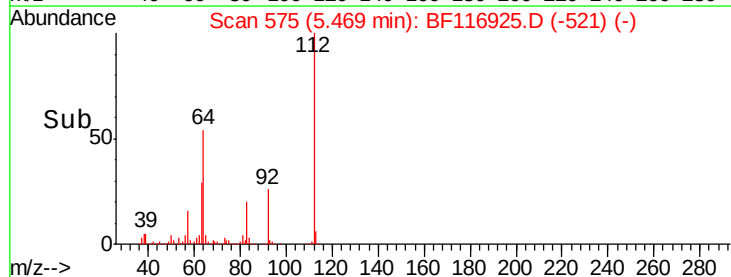
#5

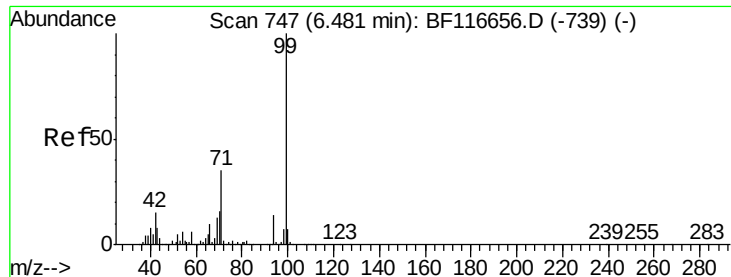
2-Fluorophenol
Concen: 115.346 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:112 Resp: 609844
Ion Ratio Lower Upper
112 100
64 54.3 47.1 70.7
63 29.2 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: 107.040 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116925.D

Acq: 10 Sep 2019 17:07

Instrument :

BNA_F

ClientSampleId :

HD-01-090519

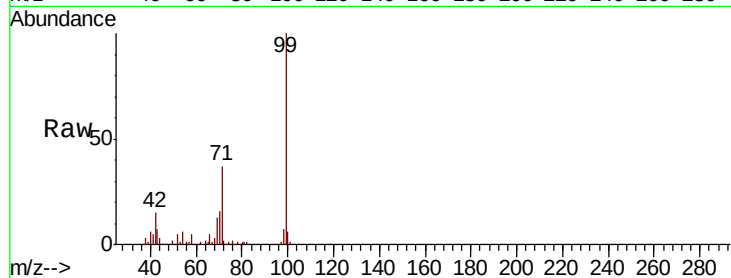
Tot Ion: 99 Resp: 743133

Ion Ratio Lower Upper

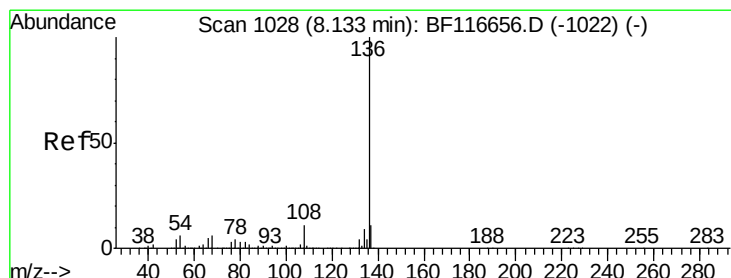
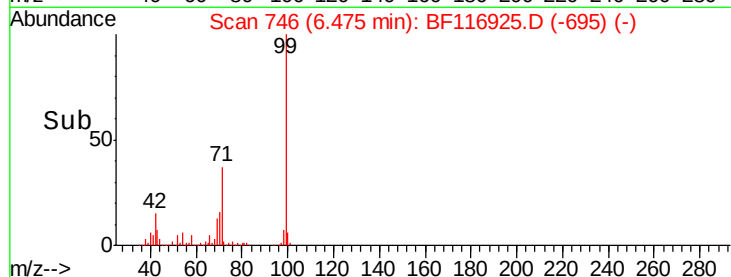
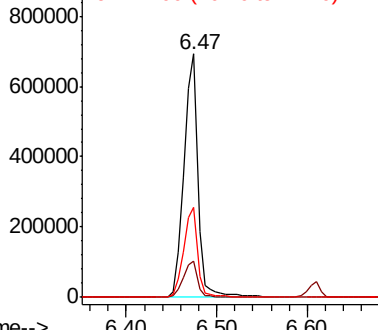
99 100

42 15.0 13.7 20.5

71 36.8 30.8 46.2



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116925.D

Acq: 10 Sep 2019 17:07

Tgt Ion: 136 Resp: 328511

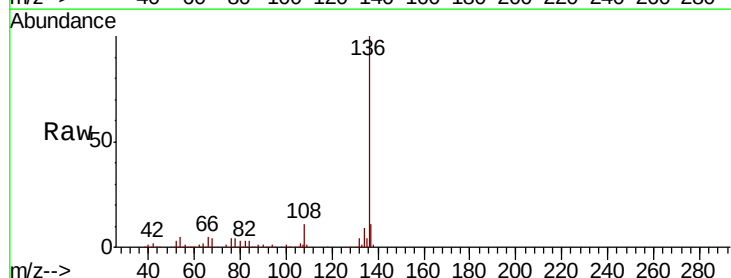
Ion Ratio Lower Upper

136 100

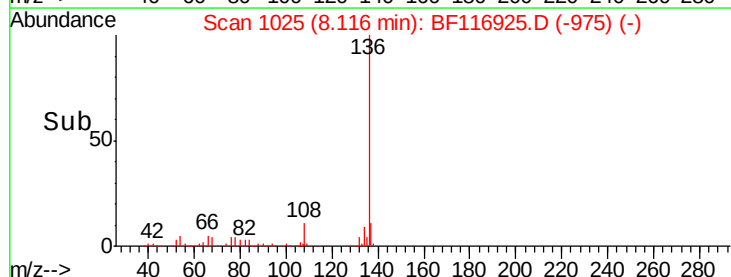
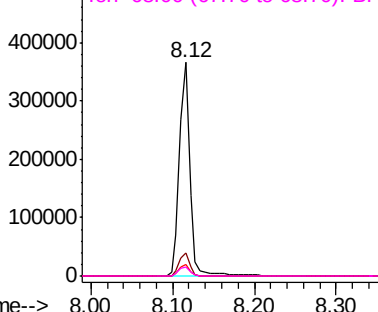
137 10.6 8.9 13.3

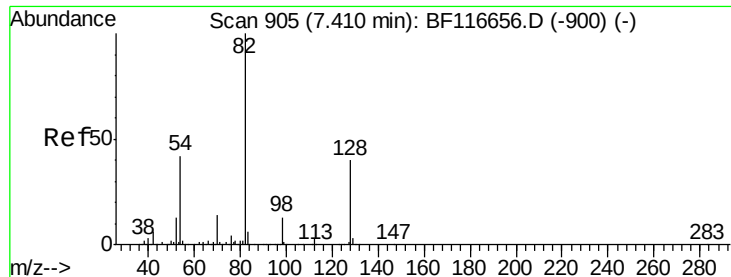
54 5.2 4.8 7.2

68 4.2 4.0 6.0



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

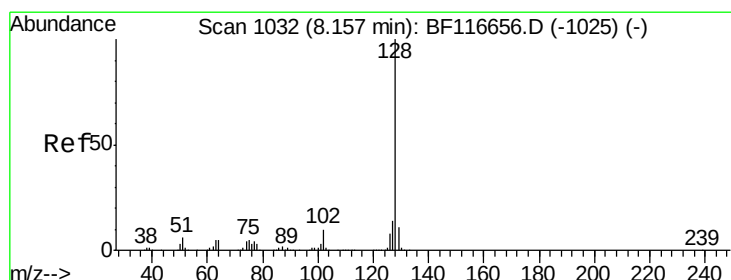
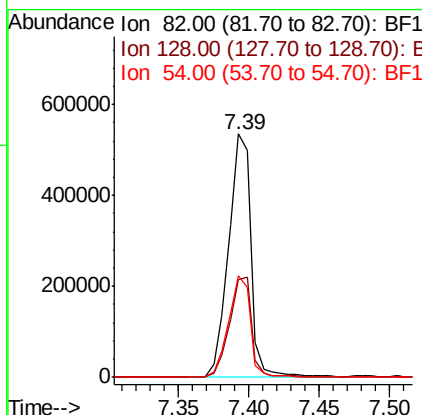
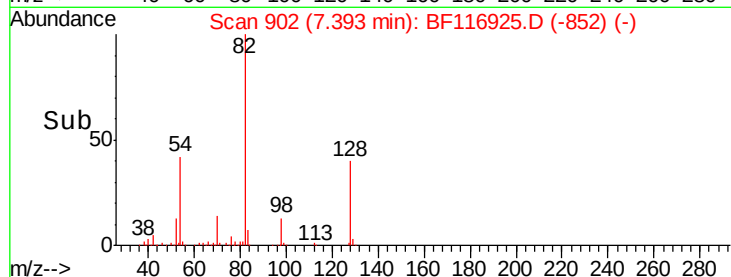
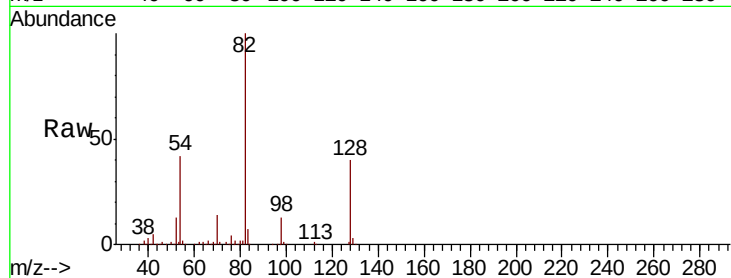




#23
Nitrobenzene-d5
Concen: 102.670 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

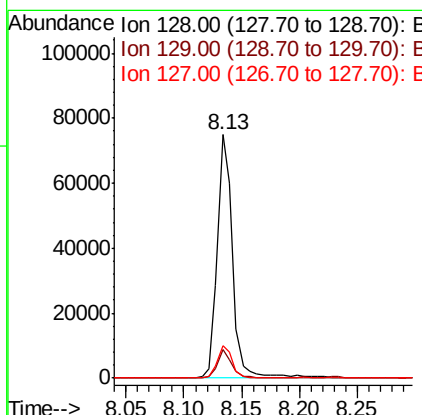
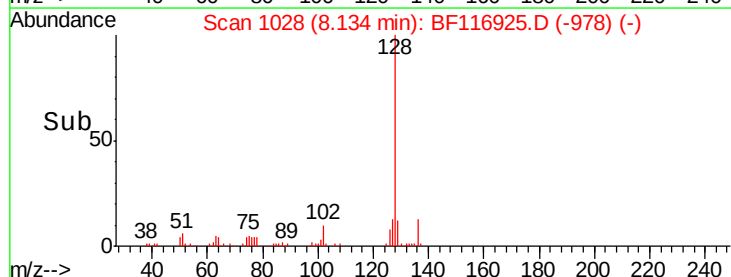
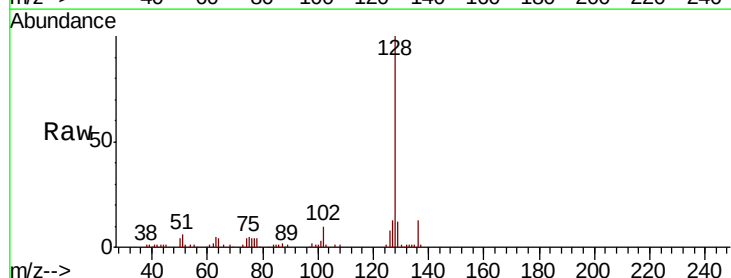
Instrument :
BNA_F
ClientSampleId :
HD-01-090519

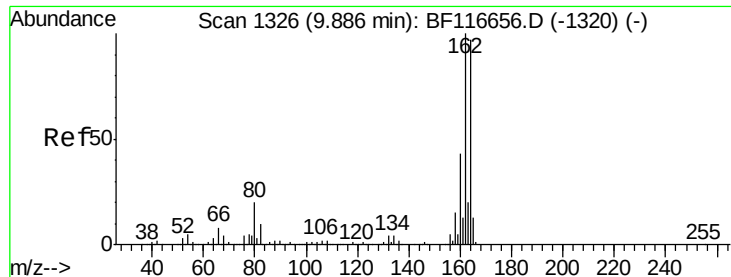
Tot Ion:	82	Resp:	590817
Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.8	49.2
54	41.9	36.9	55.3



#31
Naphthalene
Concen: 4.426 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:	128	Resp:	69137
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.2	10.4	15.6

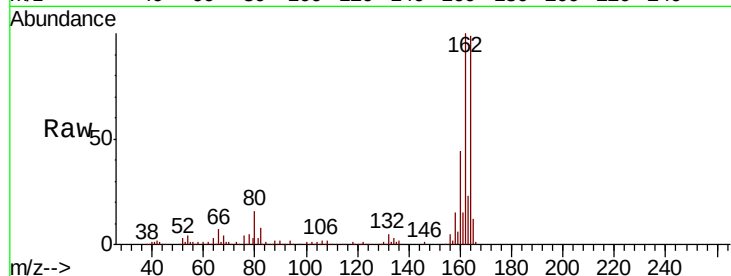




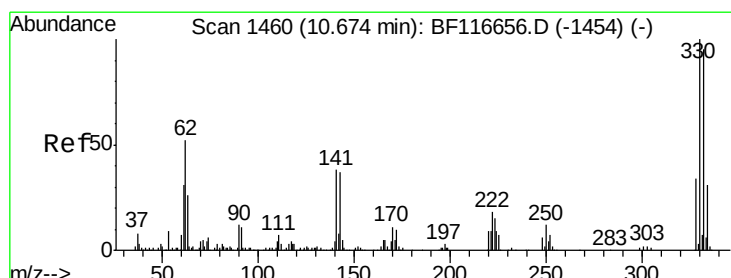
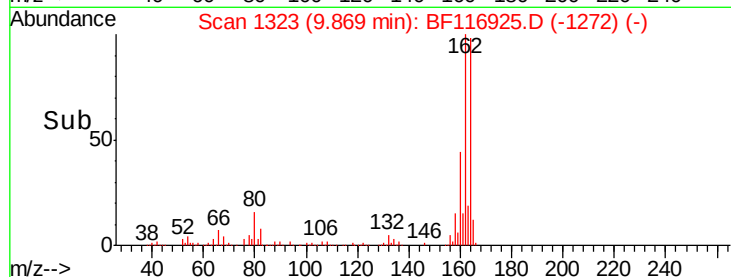
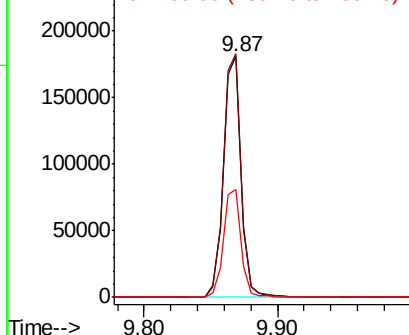
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.0
160	44.6	35.4	53.2

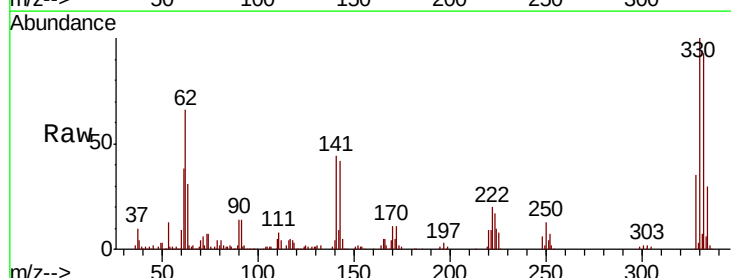


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

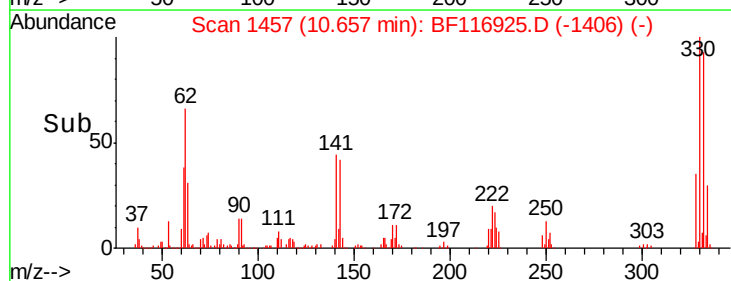
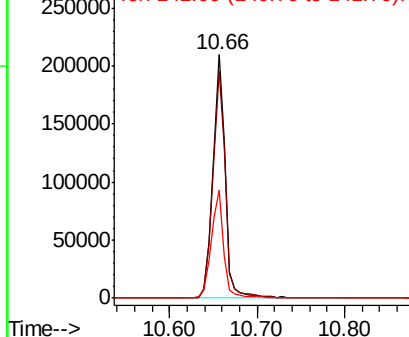


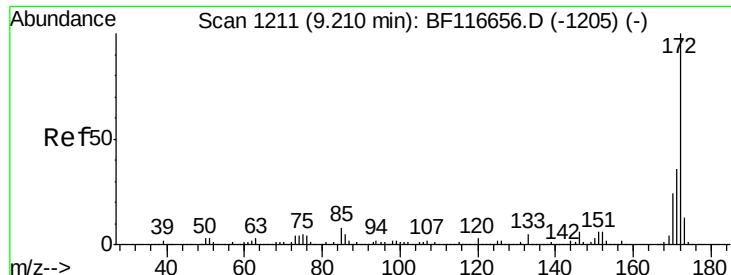
#42
2,4,6-Tribromophenol
Concen: 183.576 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.9	115.3
141	44.6	31.4	47.2



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

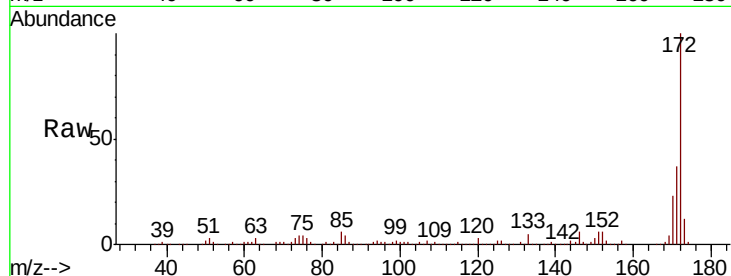




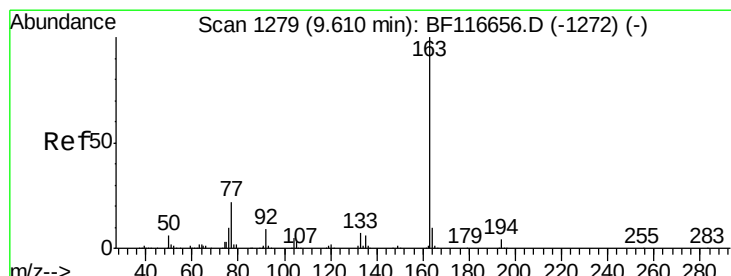
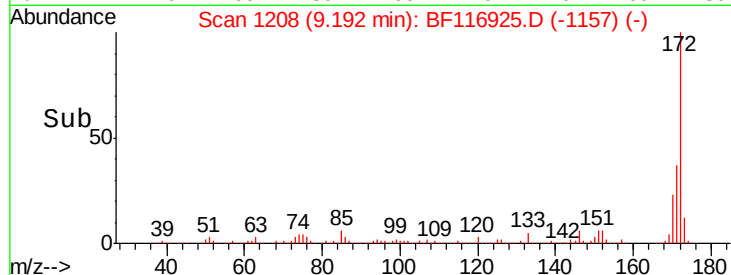
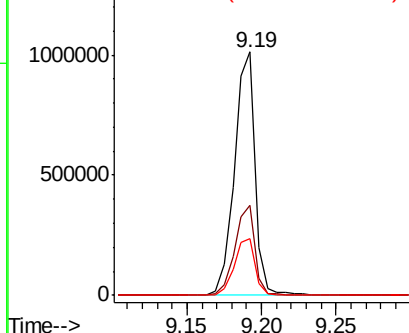
#45
 2-Fluorobiphenyl
 Concen: 99.060 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF116925.D
 Acq: 10 Sep 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-090519

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	27.8	41.6
170	23.5	18.9	28.3

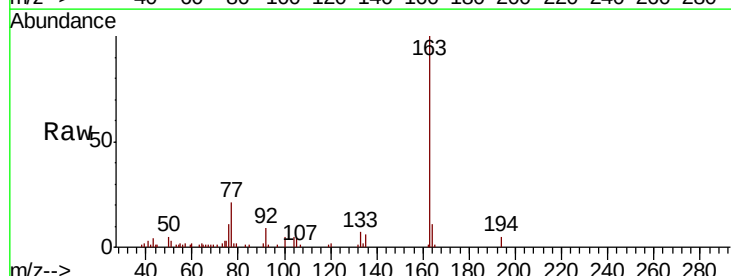


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

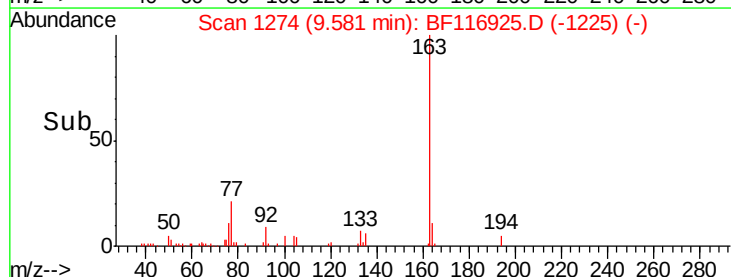
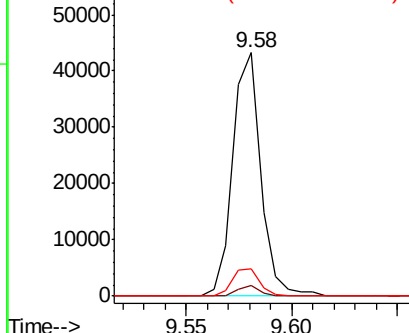


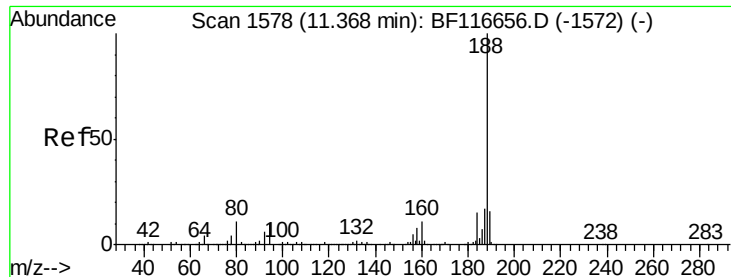
#50
 Dimethylphthalate
 Concen: 3.407 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF116925.D
 Acq: 10 Sep 2019 17:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.8	4.2#
164	11.0	8.6	12.8



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

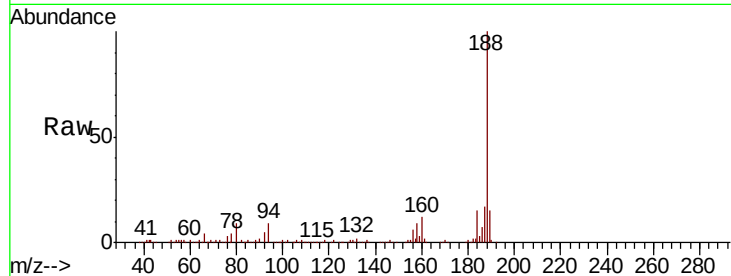




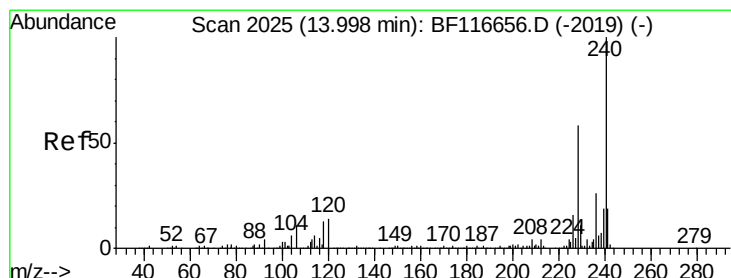
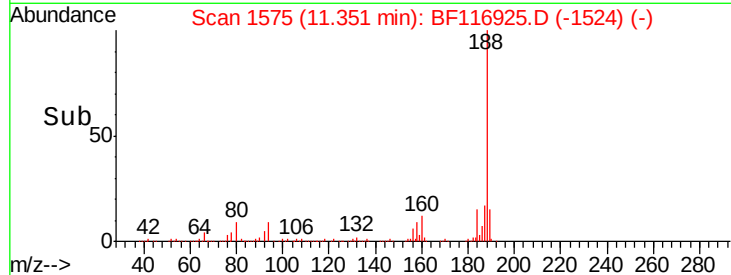
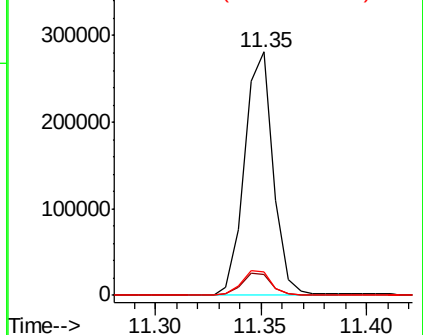
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tot Ion:188	Resp: 265274
Ion Ratio	Lower Upper
188 100	
94 8.6	7.3 10.9
80 9.5	8.4 12.6

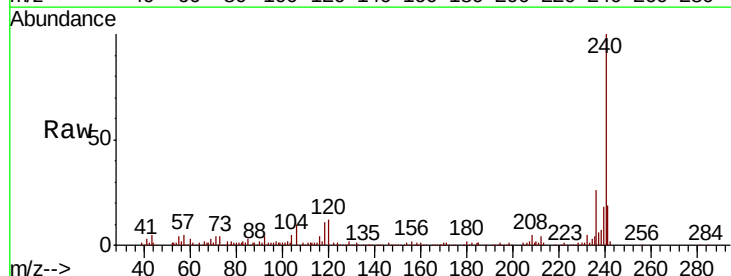


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

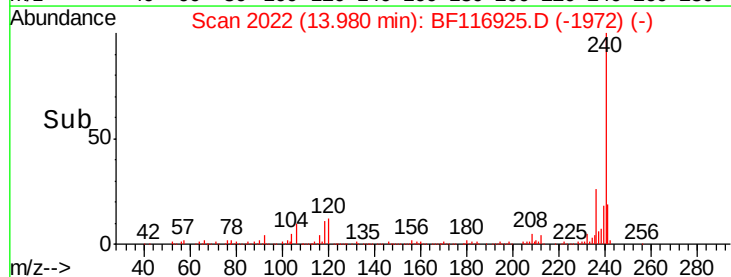
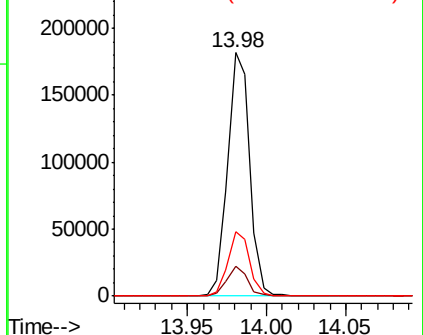


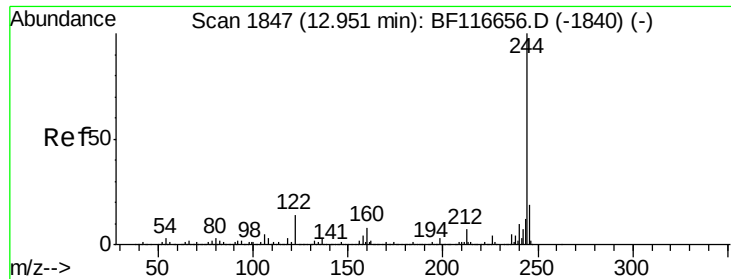
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:240	Resp:	175218
Ion Ratio	Lower	Upper
240 100		
120 12.2	9.1	13.7
236 26.2	21.1	31.7



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

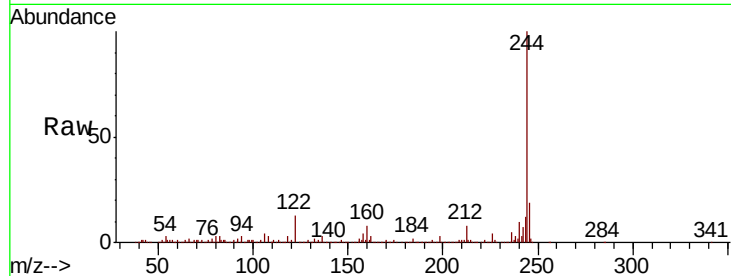




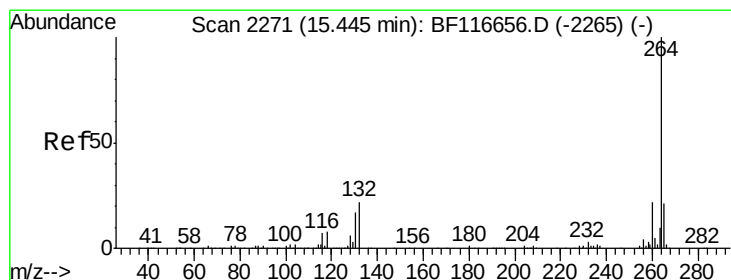
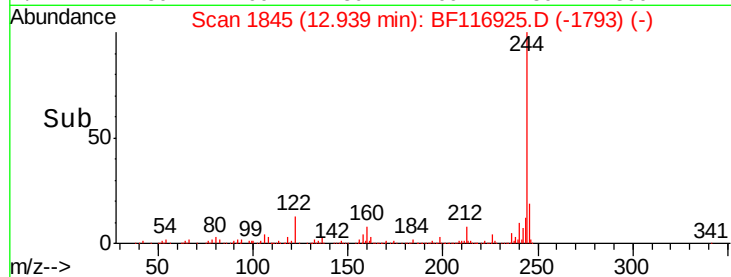
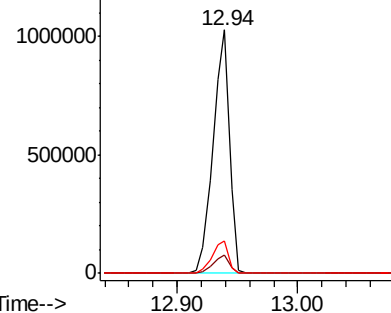
#79
 Terphenyl-d14
 Concen: 101.928 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BF116925.D
 Acq: 10 Sep 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-090519

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	13.3	10.2	15.4

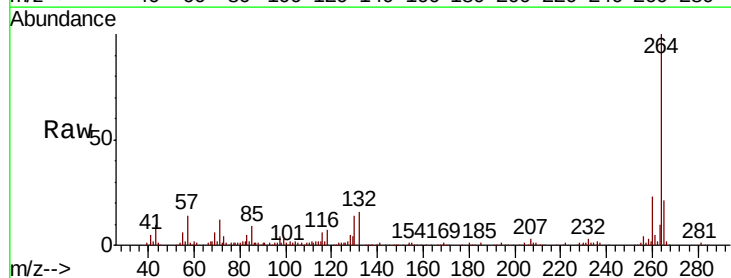


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116925.D
 Acq: 10 Sep 2019 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.1	16.5	24.7



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

