

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117382.D
 Acq On : 12 Oct 2019 21:30
 Operator : JU
 Sample : K5266-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAW-DISCRETE-CORE-C-3

Quant Time: Oct 14 03:03:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43684	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	179066	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	94481	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	166163	20.00	ng	0.00
76) Chrysene-d12	13.96	240	137336	20.00	ng	-0.01
87) Perylene-d12	15.42	264	130788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	357700	127.84	ng	0.00
7) Phenol-d6	6.44	99	463447	128.16	ng	-0.01
23) Nitrobenzene-d5	7.36	82	296507	87.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	110011	139.32	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	557593	92.28	ng	-0.01
79) Terphenyl-d14	12.90	244	622921	84.78	ng	0.00

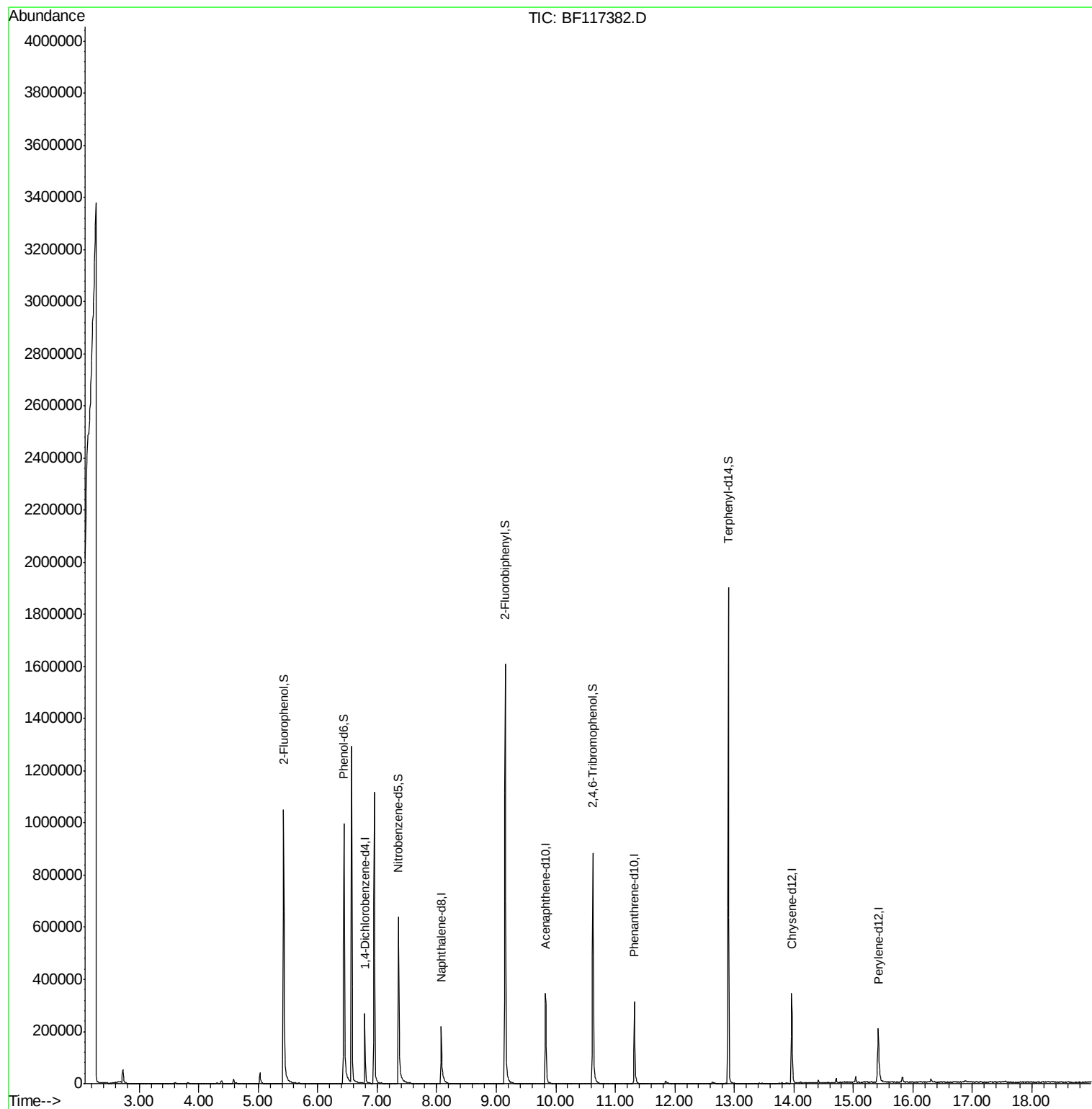
Target Compounds Qvalue

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

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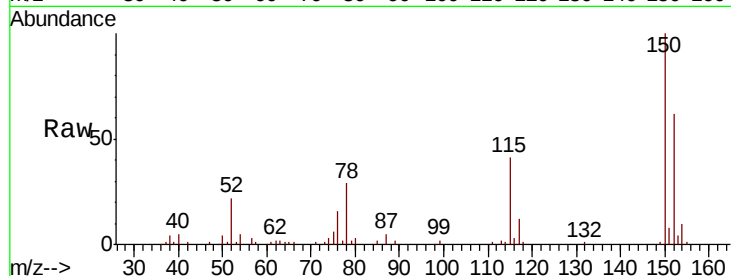


#1

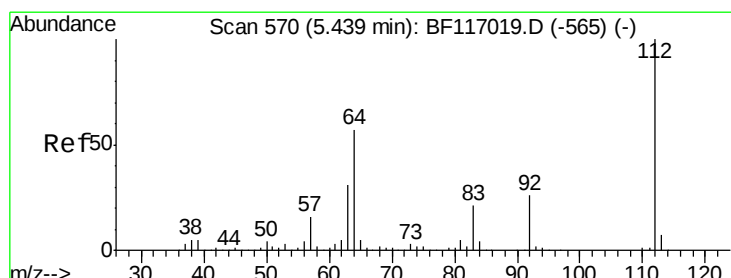
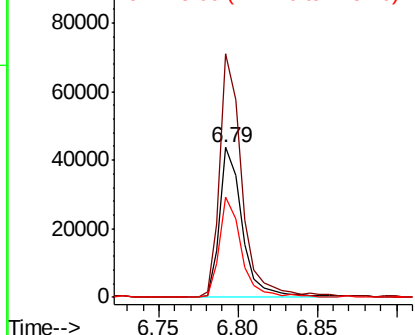
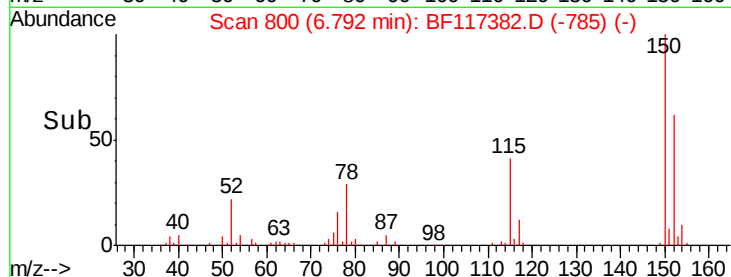
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117382.D
Acq: 12 Oct 2019 21:30

Instrument :
BNA_F
ClientSampleId :
RAW-DISCRETE-CORE-C-3

Tot Ion:152 Resp: 43684
Ion Ratio Lower Upper
152 100
150 162.3 127.5 191.3
115 67.1 55.0 82.4



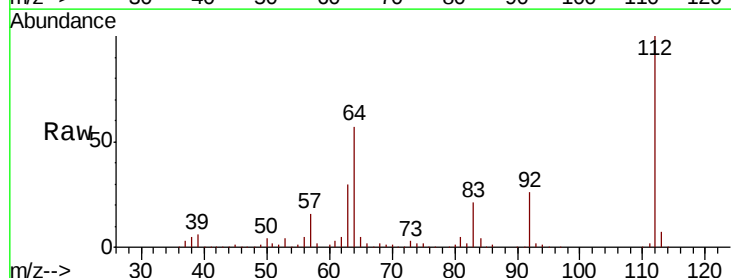
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



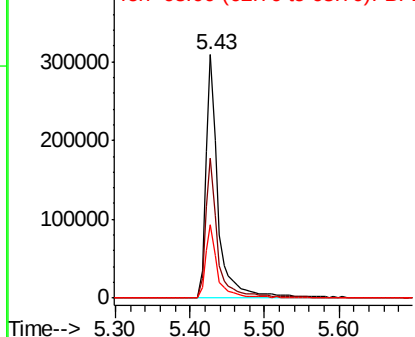
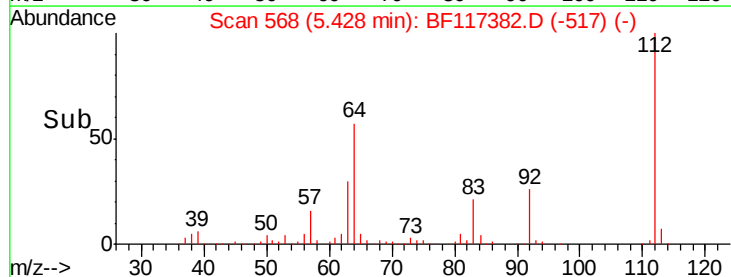
#5

2-Fluorophenol
Concen: 127.840 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF117382.D
Acq: 12 Oct 2019 21:30

Tgt Ion:112 Resp: 357700
Ion Ratio Lower Upper
112 100
64 57.3 45.7 68.5
63 30.3 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: 128.164 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117382.D

Acq: 12 Oct 2019 21:30

Instrument :

BNA_F

ClientSampleId :

RAW-DISCRETE-CORE-C-3

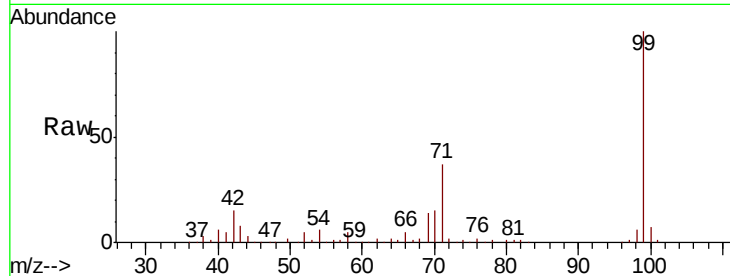
Tot Ion: 99 Resp: 463447

Ion Ratio Lower Upper

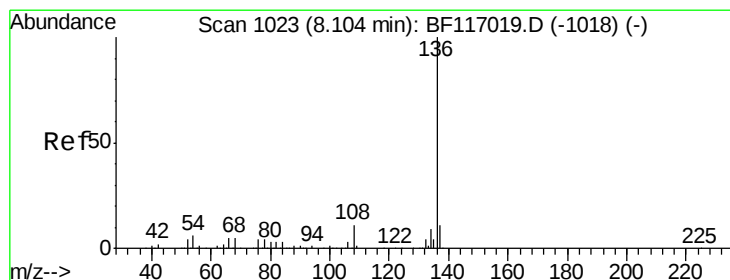
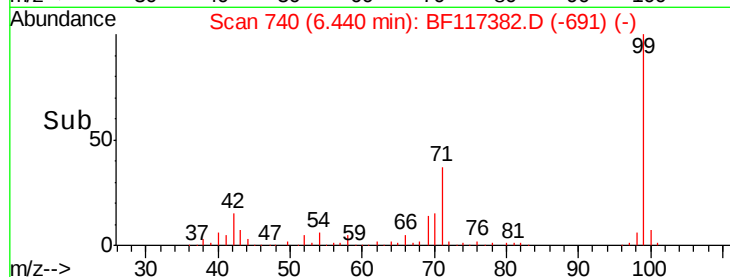
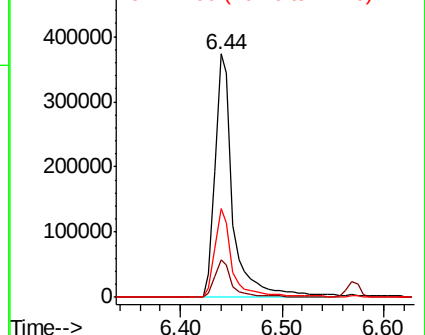
99 100

42 15.4 12.2 18.2

71 36.7 29.8 44.8



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF117382.D

Acq: 12 Oct 2019 21:30

Tgt Ion: 136 Resp: 179066

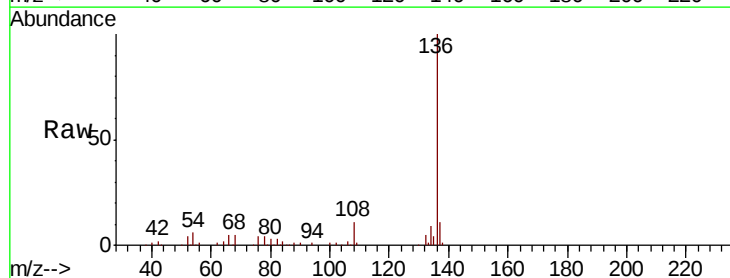
Ion Ratio Lower Upper

136 100

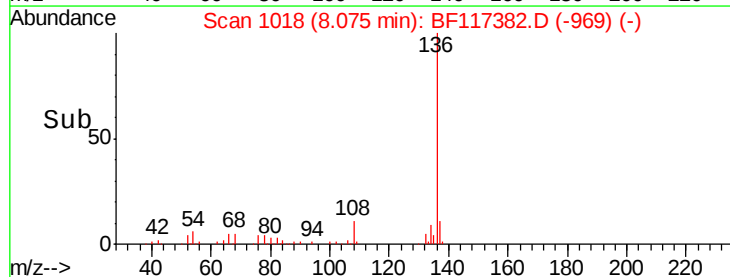
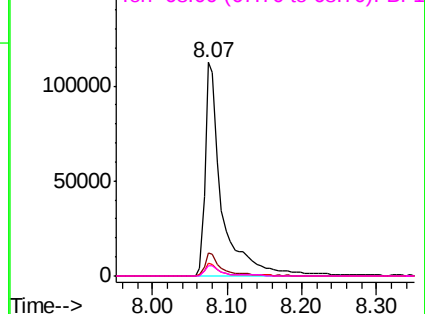
137 10.9 9.0 13.4

54 6.2 4.5 6.7

68 4.9 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

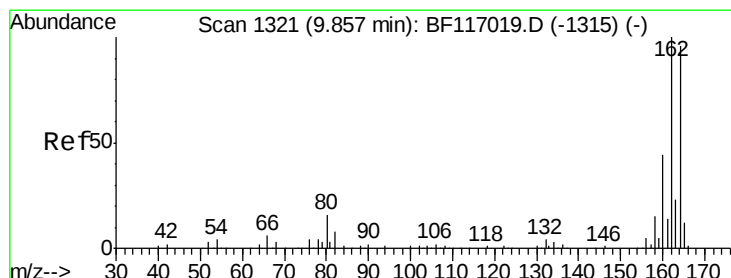
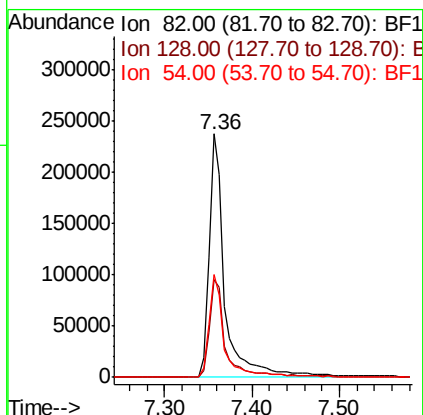
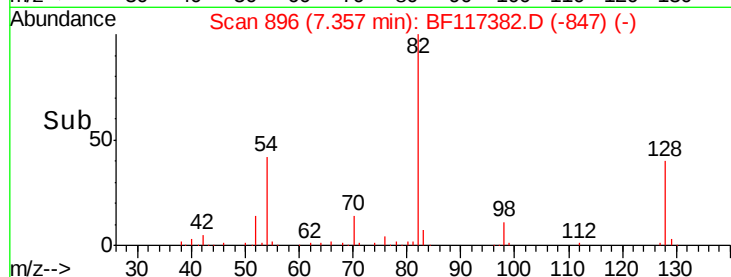
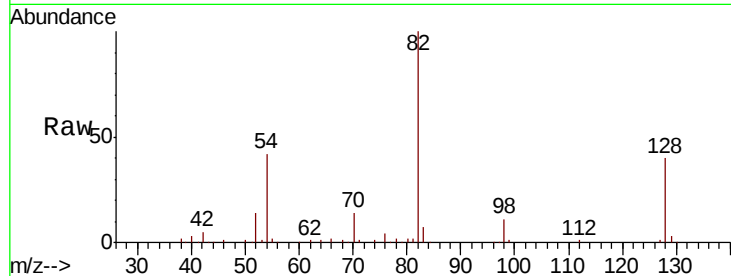




#23
 Nitrobenzene-d5
 Concen: 87.003 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117382.D
 Acq: 12 Oct 2019 21:30

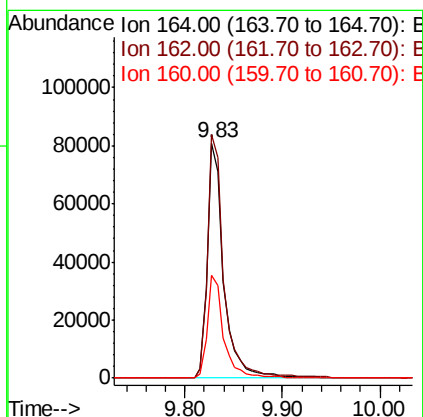
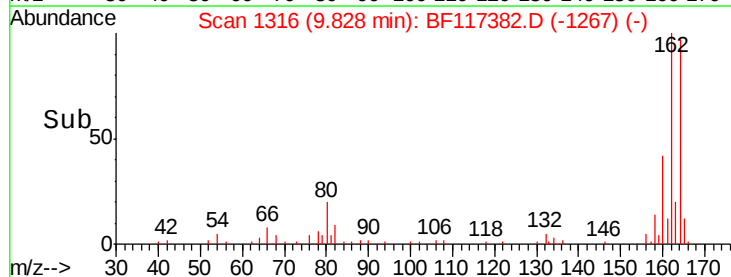
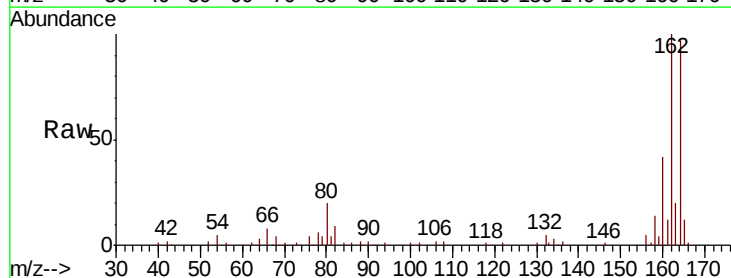
Instrument :
 BNA_F
 ClientSampleId :
 RAW-DISCRETE-CORE-C-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.3	48.5
54	42.3	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF117382.D
 Acq: 12 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.2
160	43.7	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 139.317 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF117382.D

Acq: 12 Oct 2019 21:30

Instrument :

BNA_F

ClientSampleId :

RAW-DISCRETE-CORE-C-3

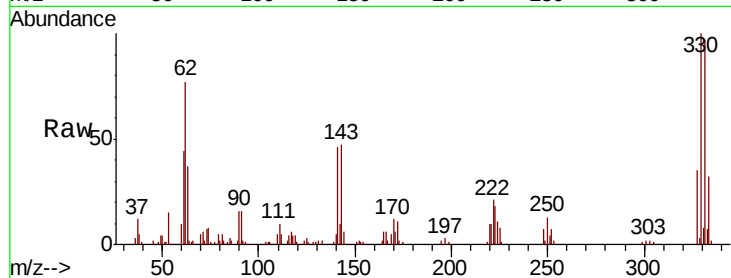
Tot Ion:330 Resp: 110011

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

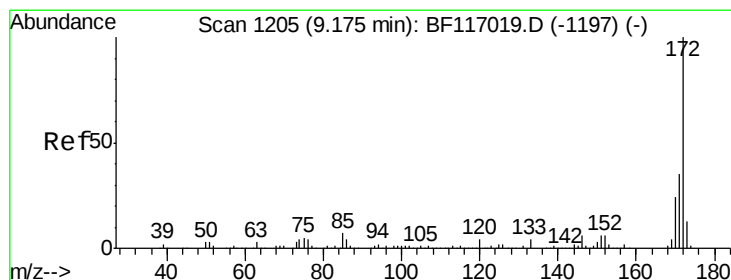
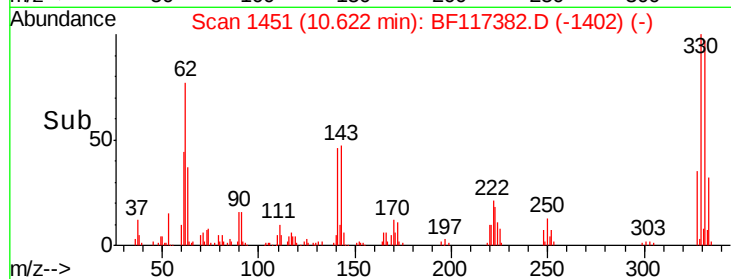
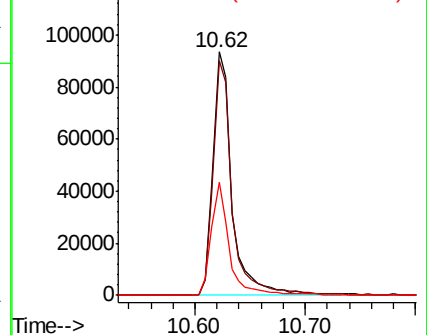
141 43.6 35.8 53.6



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: 92.277 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF117382.D

Acq: 12 Oct 2019 21:30

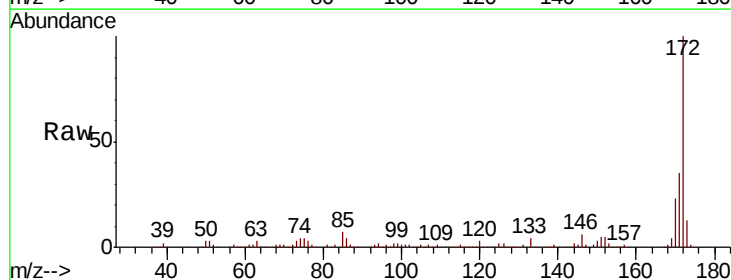
Tgt Ion:172 Resp: 557593

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

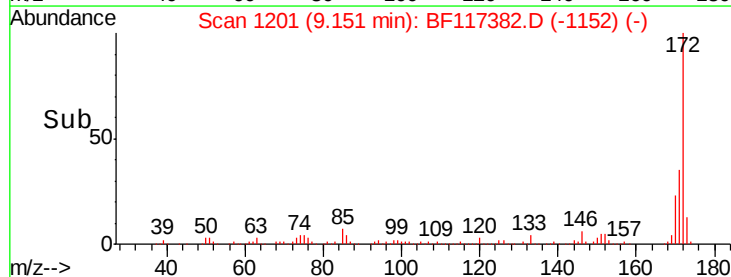
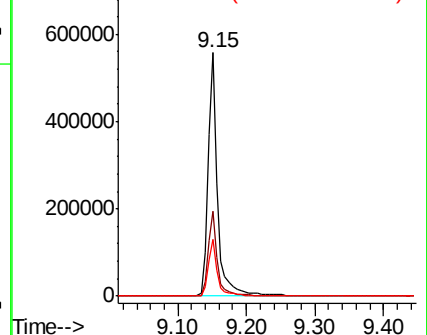
170 23.1 18.9 28.3

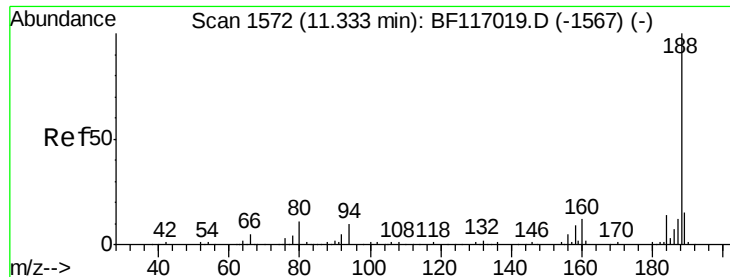


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

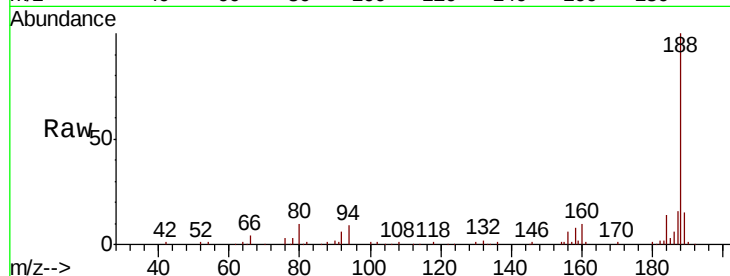




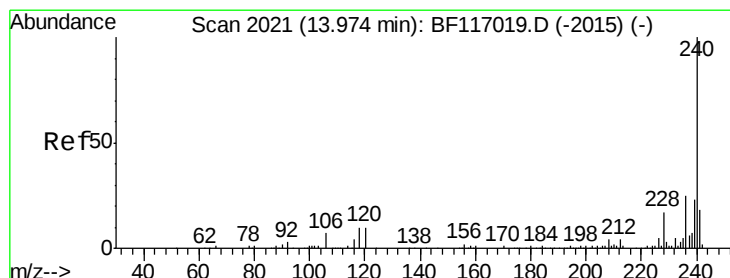
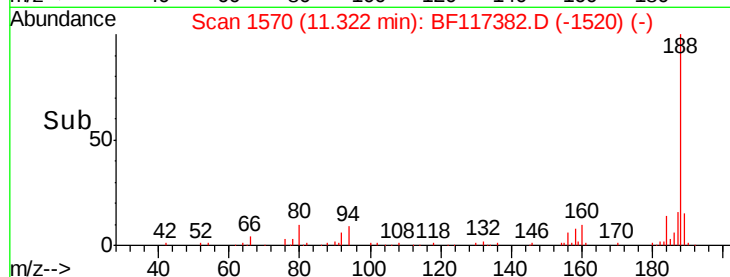
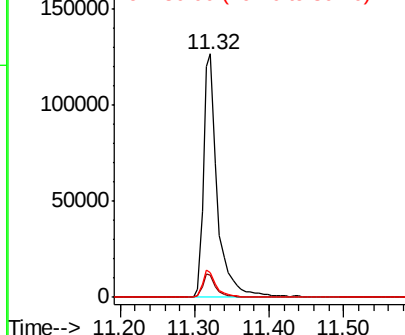
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117382.D
Acq: 12 Oct 2019 21:30

Instrument :
BNA_F
ClientSampleId :
RAW-DISCRETE-CORE-C-3

Tot Ion:188 Resp: 166163
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 10.1 9.0 13.6

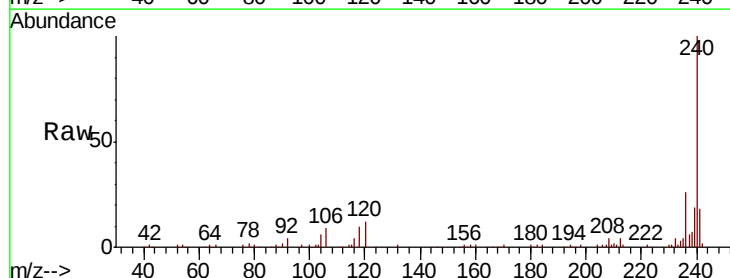


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

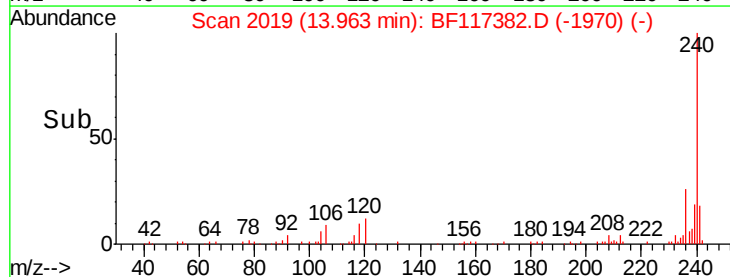
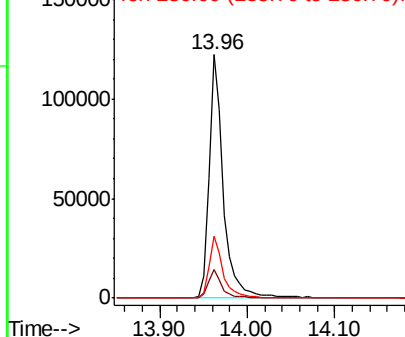


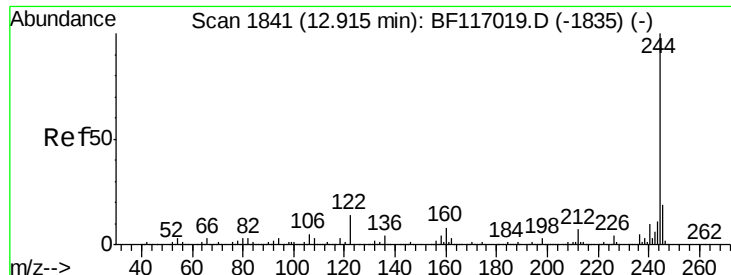
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117382.D
Acq: 12 Oct 2019 21:30

Tgt Ion:240 Resp: 137336
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.5 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: 84.783 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117382.D

Acq: 12 Oct 2019 21:30

Instrument :

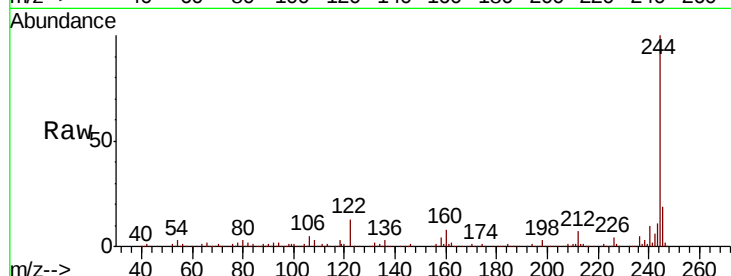
BNA_F

ClientSampleId :

RAW-DISCRETE-CORE-C-3

Tot Ion:244 Resp: 622921

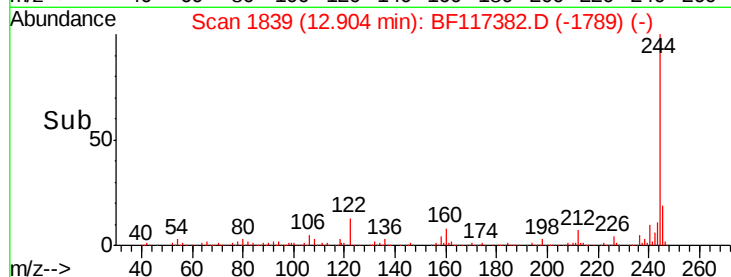
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.5	11.3	16.9



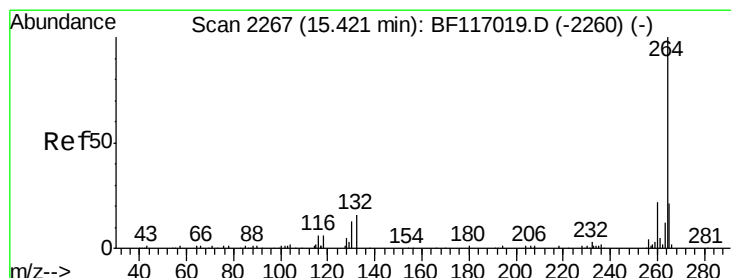
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

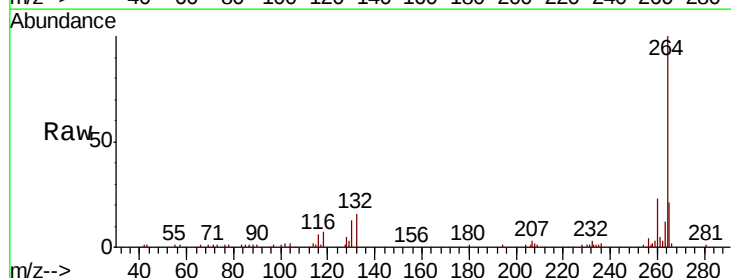
Delta R.T. -0.01 min

Lab File: BF117382.D

Acq: 12 Oct 2019 21:30

Tgt Ion:264 Resp: 130788

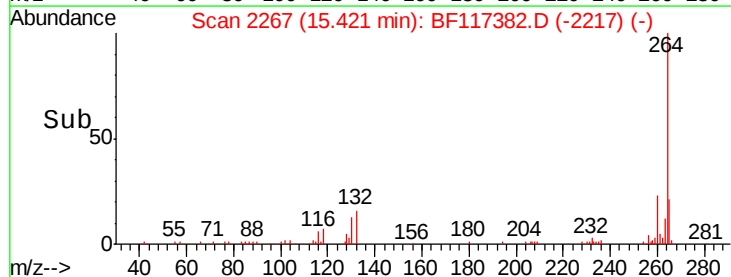
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.6	26.4
265	21.0	16.6	24.8



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



Time-->