

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117134.D
 Acq On : 18 Sep 2019 3:30
 Operator : HP/JU
 Sample : K4873-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-29

Quant Time: Sep 18 05:41:22 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	6.82	152	62135	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	239187	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	119479	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	177385	20.00	ng	0.00
76) Chrysene-d12	13.97	240	109750	20.00	ng	0.00
87) Perylene-d12	15.42	264	123268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	504950	126.88	ng	0.02
7) Phenol-d6	6.46	99	602588	117.16	ng	0.00
23) Nitrobenzene-d5	7.39	82	478503	105.11	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	146129	146.34	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	809044	105.88	ng	0.00
79) Terphenyl-d14	12.91	244	619003	105.43	ng	0.00

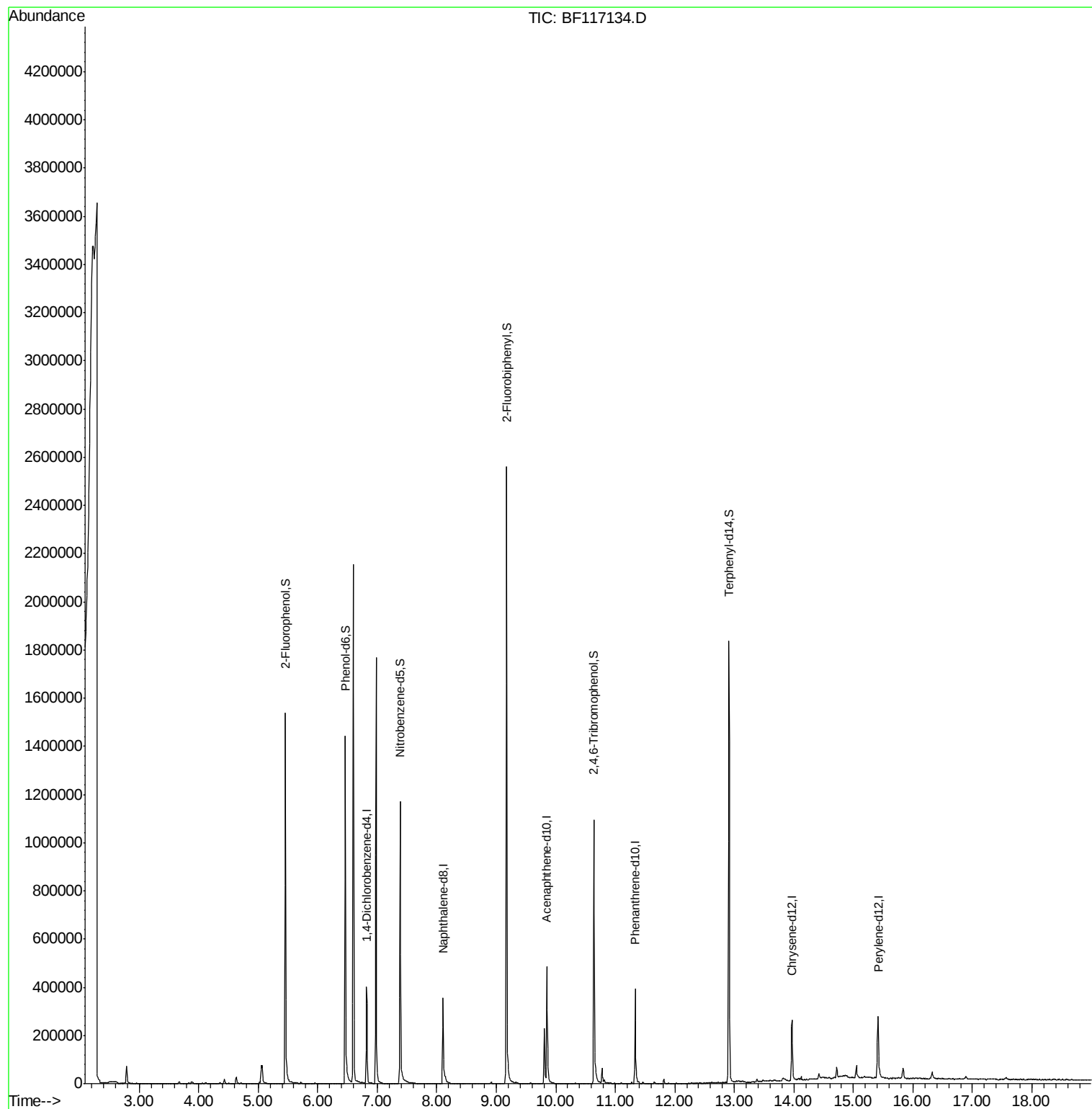
Target Compounds Qvalue

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

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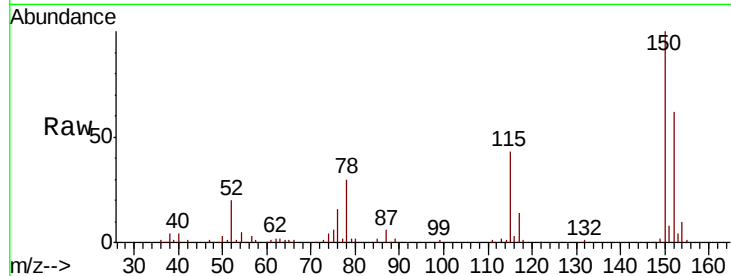


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117134.D
Acq: 18 Sep 2019 3:30

Instrument :
BNA_F
ClientSampleId :
COMP-29

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	127.5	191.3
115	69.2	55.0	82.4

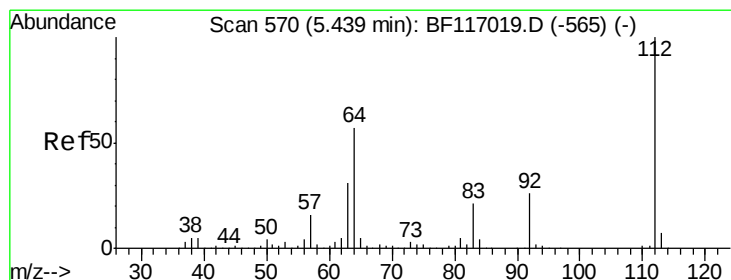
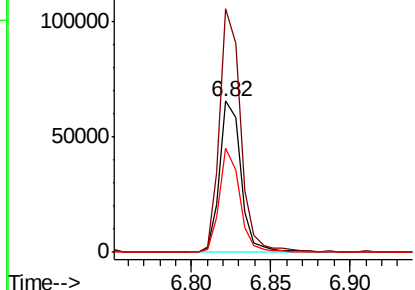
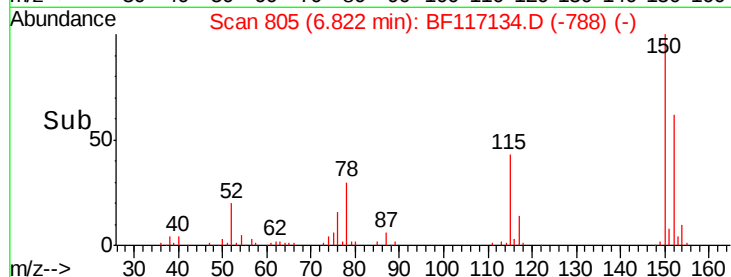


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

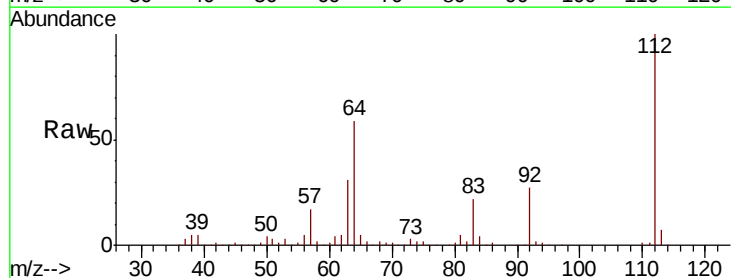
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.877 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117134.D
Acq: 18 Sep 2019 3:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.7	68.5
63	30.8	24.9	37.3

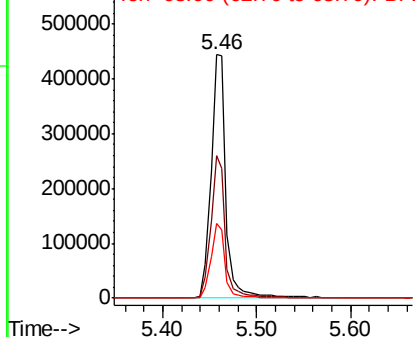
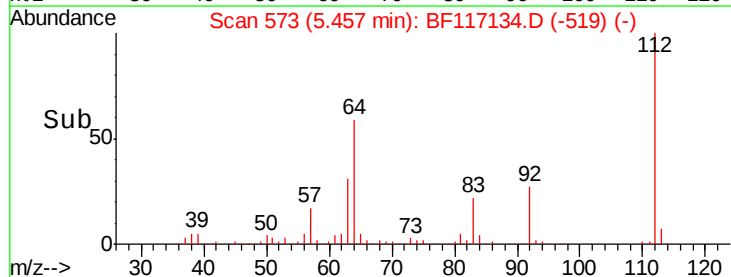


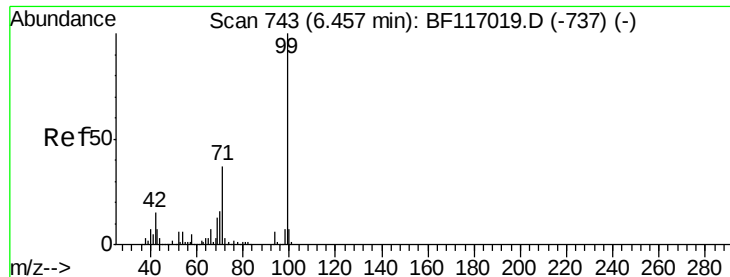
Abundance

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: 117.158 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117134.D

Acq: 18 Sep 2019 3:30

Instrument :

BNA_F

ClientSampleId :

COMP-29

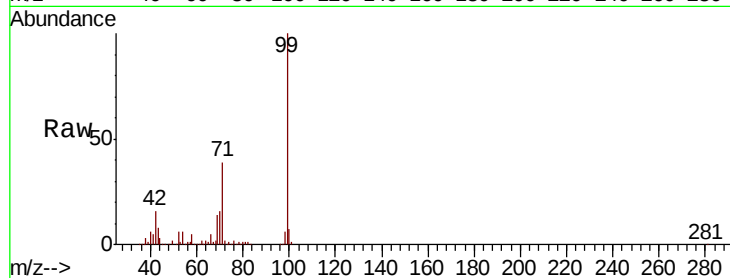
Tot Ion: 99 Resp: 602588

Ion Ratio Lower Upper

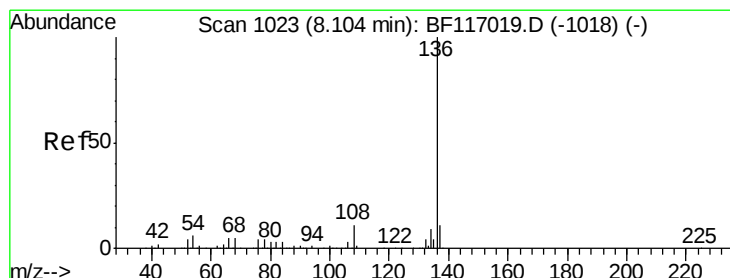
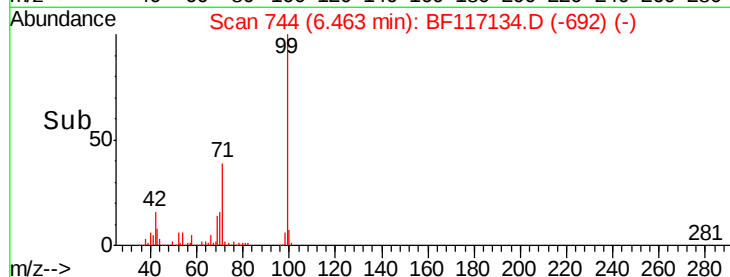
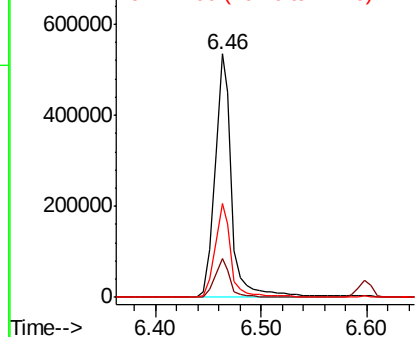
99 100

42 15.9 12.2 18.2

71 38.8 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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117134.D

Acq: 18 Sep 2019 3:30

Tgt Ion: 136 Resp: 239187

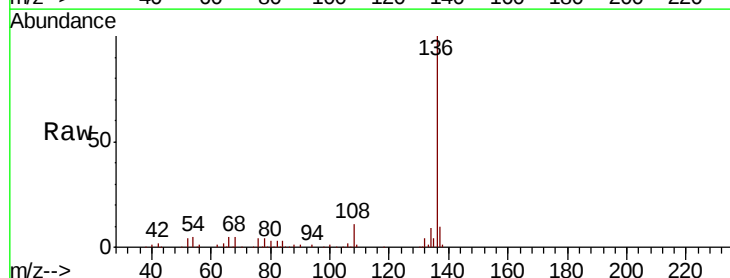
Ion Ratio Lower Upper

136 100

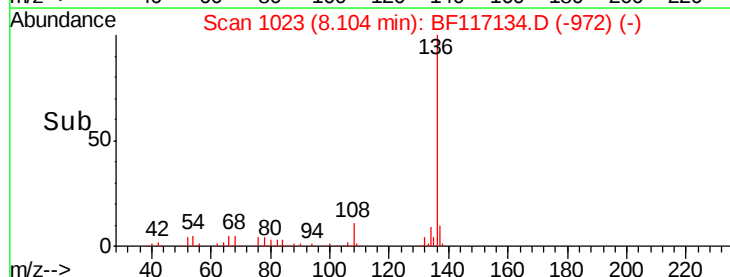
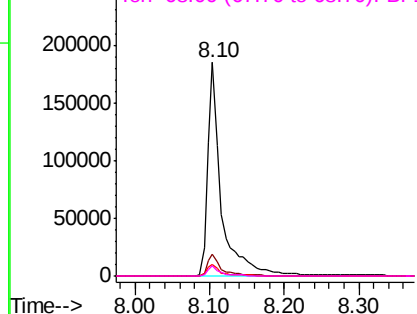
137 10.1 9.0 13.4

54 5.2 4.5 6.7

68 4.5 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

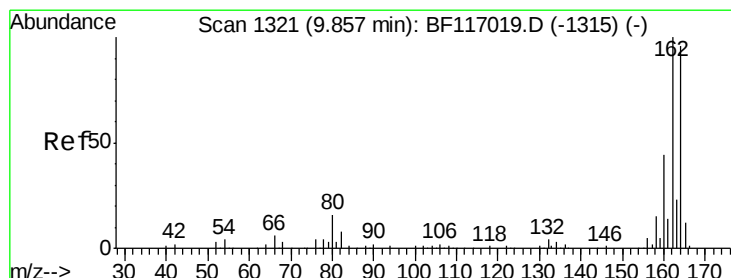
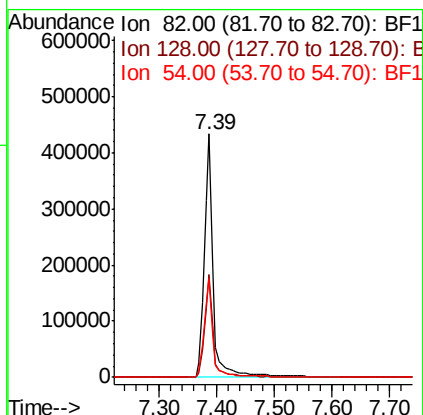
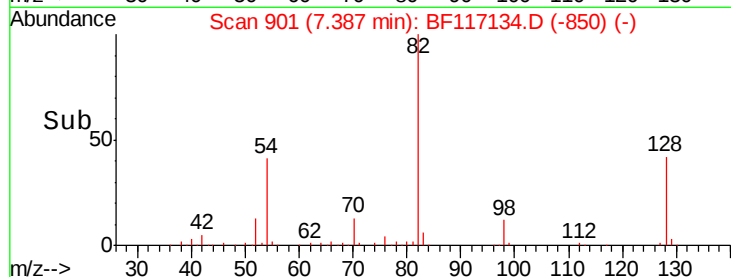
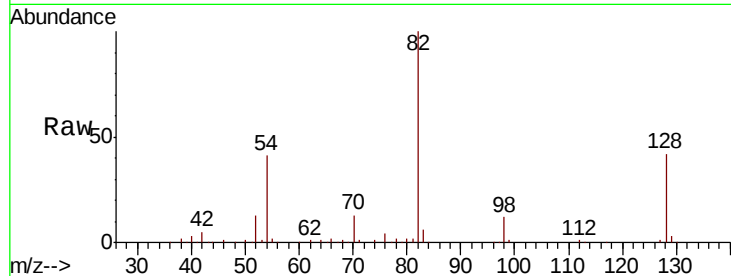




#23
 Nitrobenzene-d5
 Concen: 105.113 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117134.D
 Acq: 18 Sep 2019 3:30

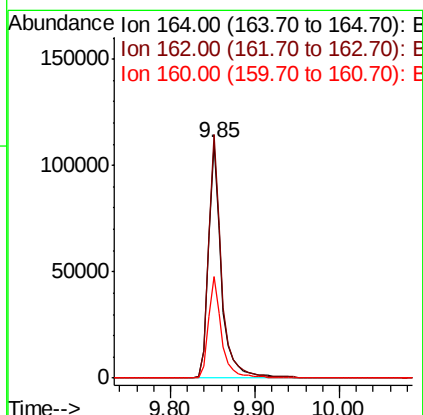
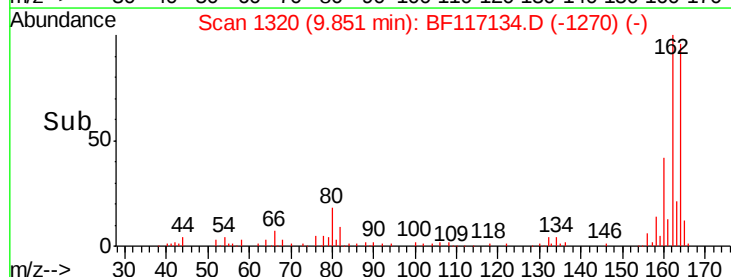
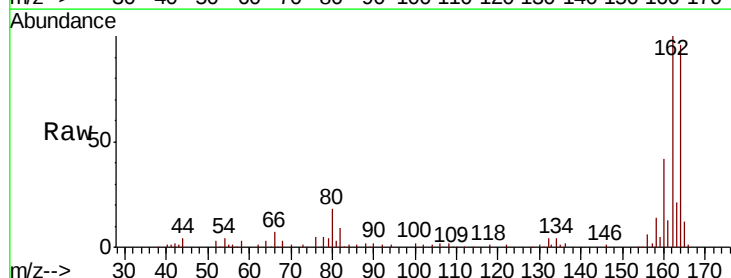
Instrument :
 BNA_F
 ClientSampled :
 COMP-29

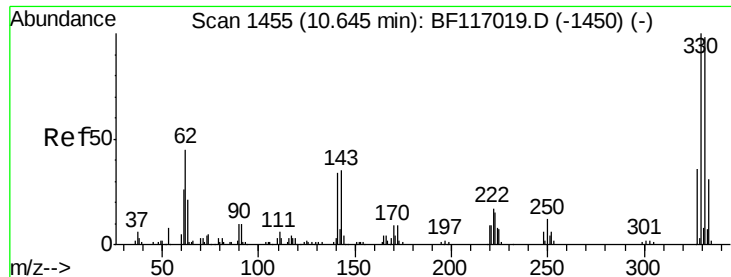
Tot Ion: 82 Resp: 478503
 Ion Ratio Lower Upper
 82 100
 128 42.4 32.3 48.5
 54 40.9 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117134.D
 Acq: 18 Sep 2019 3:30

Tgt Ion:164 Resp: 119479
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.4 125.2
 160 43.5 36.4 54.6

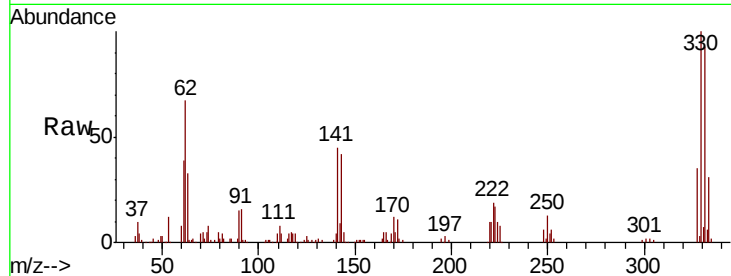




#42
 2,4,6-Tribromophenol
 Concen: 146.338 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117134.D
 Acq: 18 Sep 2019 3:30

Instrument :
 BNA_F
 ClientSampleId :
 COMP-29

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	78.0	117.0
141	42.7	35.8	53.6

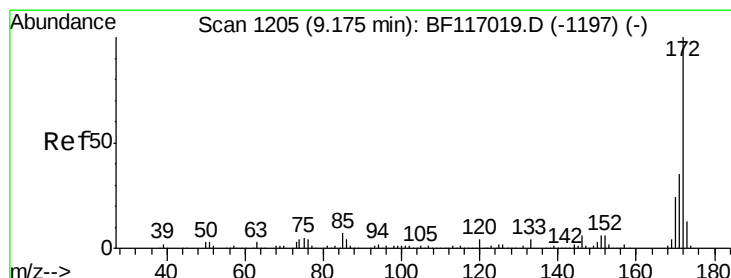
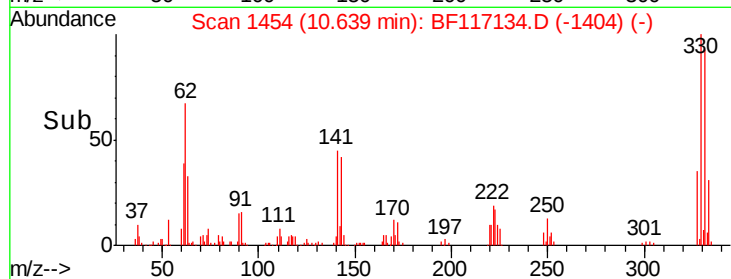
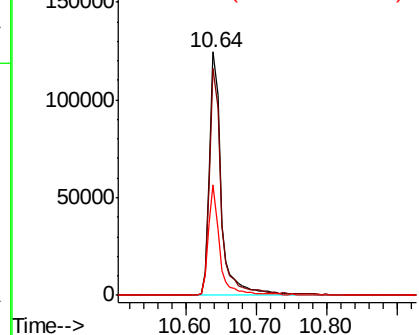


Abundance

Ion 329.80 (329.50 to 330.50): E

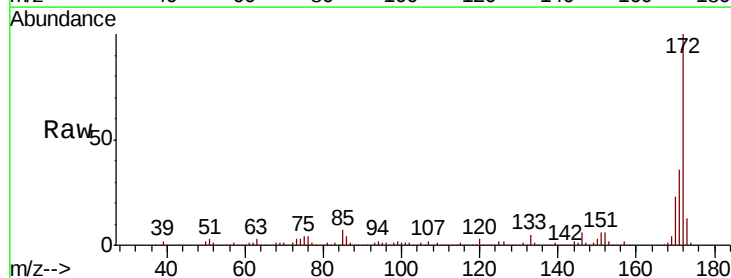
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.876 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117134.D
 Acq: 18 Sep 2019 3:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.4	18.9	28.3

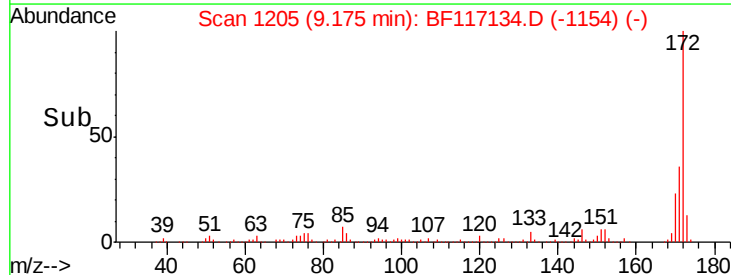
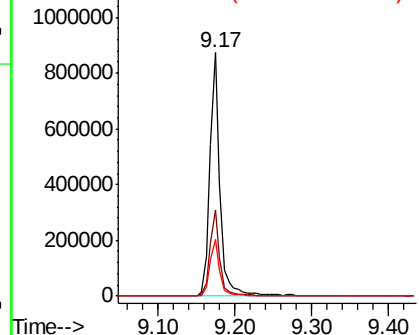


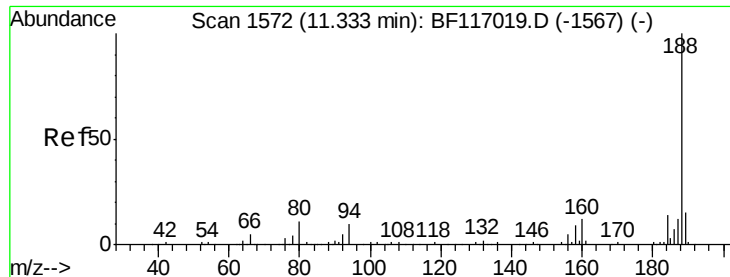
Abundance

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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117134.D

Acq: 18 Sep 2019 3:30

Instrument :

BNA_F

ClientSampleId :

COMP-29

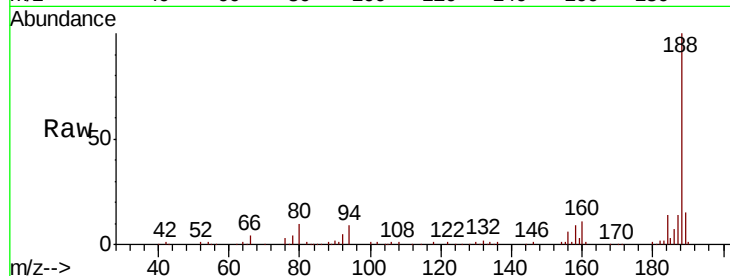
Tot Ion:188 Resp: 177385

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

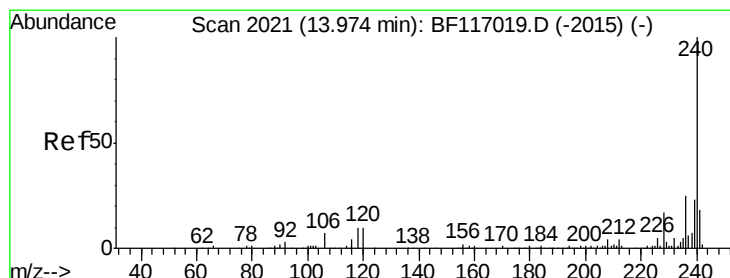
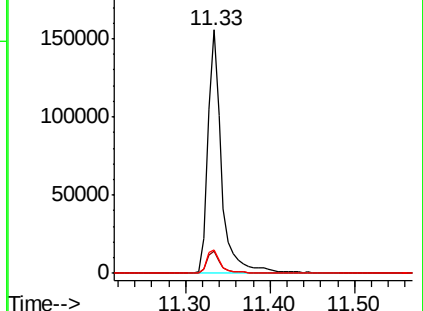
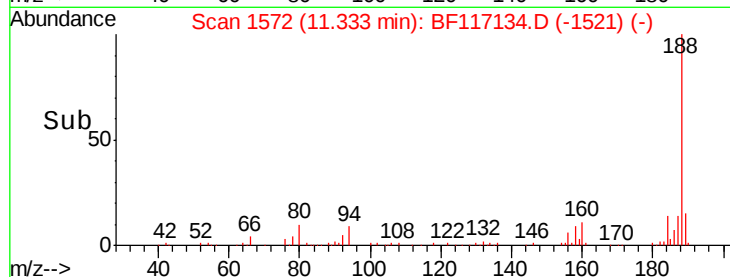
80 9.7 9.0 13.6



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117134.D

Acq: 18 Sep 2019 3:30

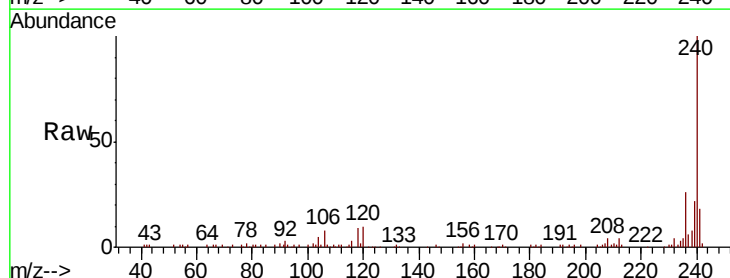
Tgt Ion:240 Resp: 109750

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

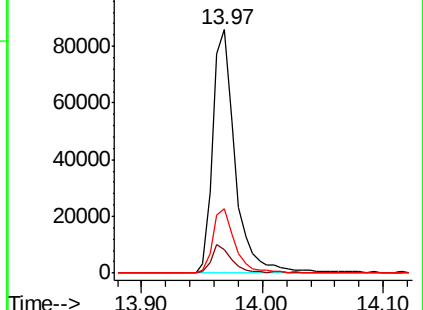
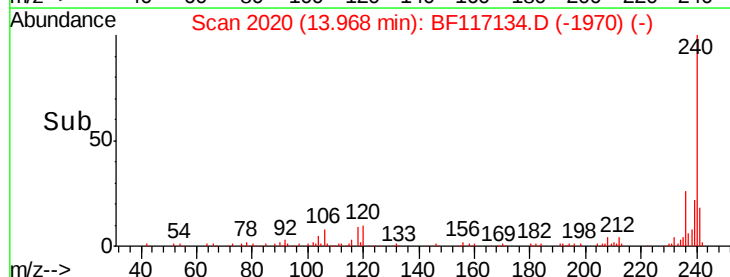
236 26.4 20.3 30.5

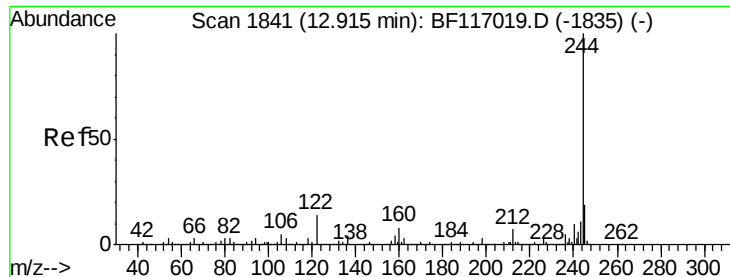


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.426 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117134.D

Acq: 18 Sep 2019 3:30

Instrument :

BNA_F

ClientSampleId :

COMP-29

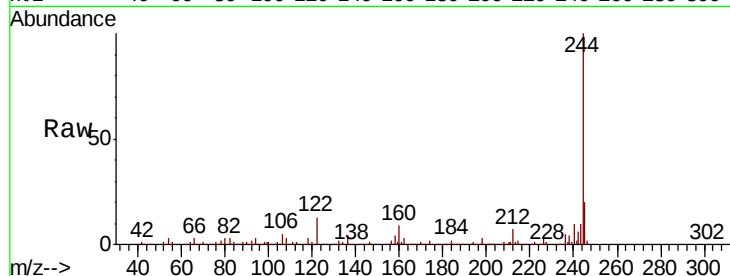
Tot Ion:244 Resp: 619003

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

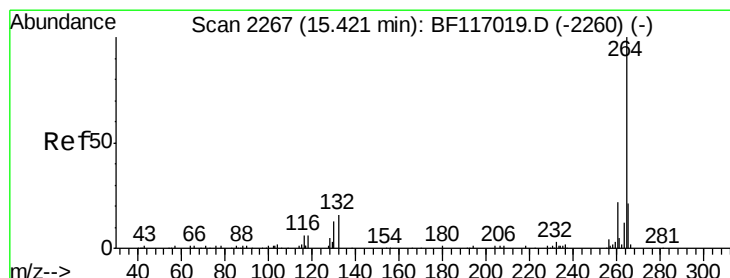
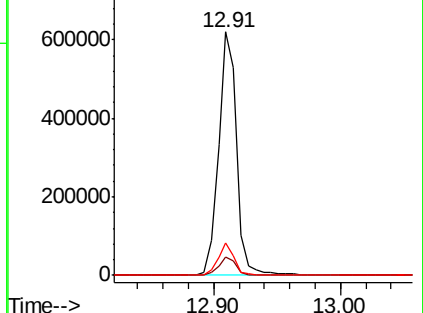
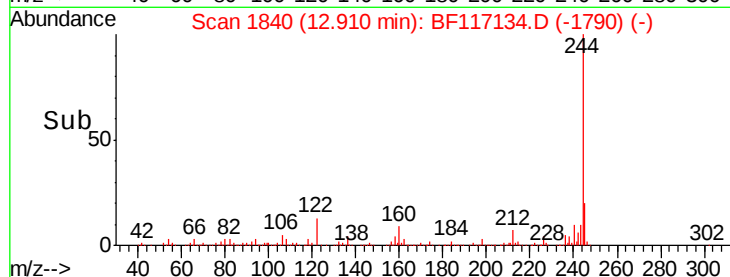
122 13.3 11.3 16.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF117134.D

Acq: 18 Sep 2019 3:30

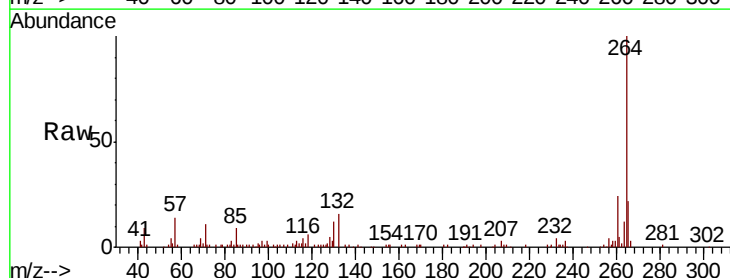
Tgt Ion:264 Resp: 123268

Ion Ratio Lower Upper

264 100

260 23.8 17.6 26.4

265 21.8 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

