

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116333.D
 Acq On : 16 Aug 2019 22:22
 Operator : HP/JU
 Sample : K4227-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-N(0-1)-COMP

Quant Time: Aug 17 04:52:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	140715	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	547367	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	292520	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	519635	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	365980	20.00	ng	-0.03
87) Perylene-d12	15.44	264	325824	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1019049	121.23	ng	0.00
7) Phenol-d6	6.46	99	1206382	113.75	ng	-0.02
23) Nitrobenzene-d5	7.38	82	924399	97.48	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	391086	137.90	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1506339	96.45	ng	-0.04
79) Terphenyl-d14	12.92	244	1688471	97.22	ng	-0.04

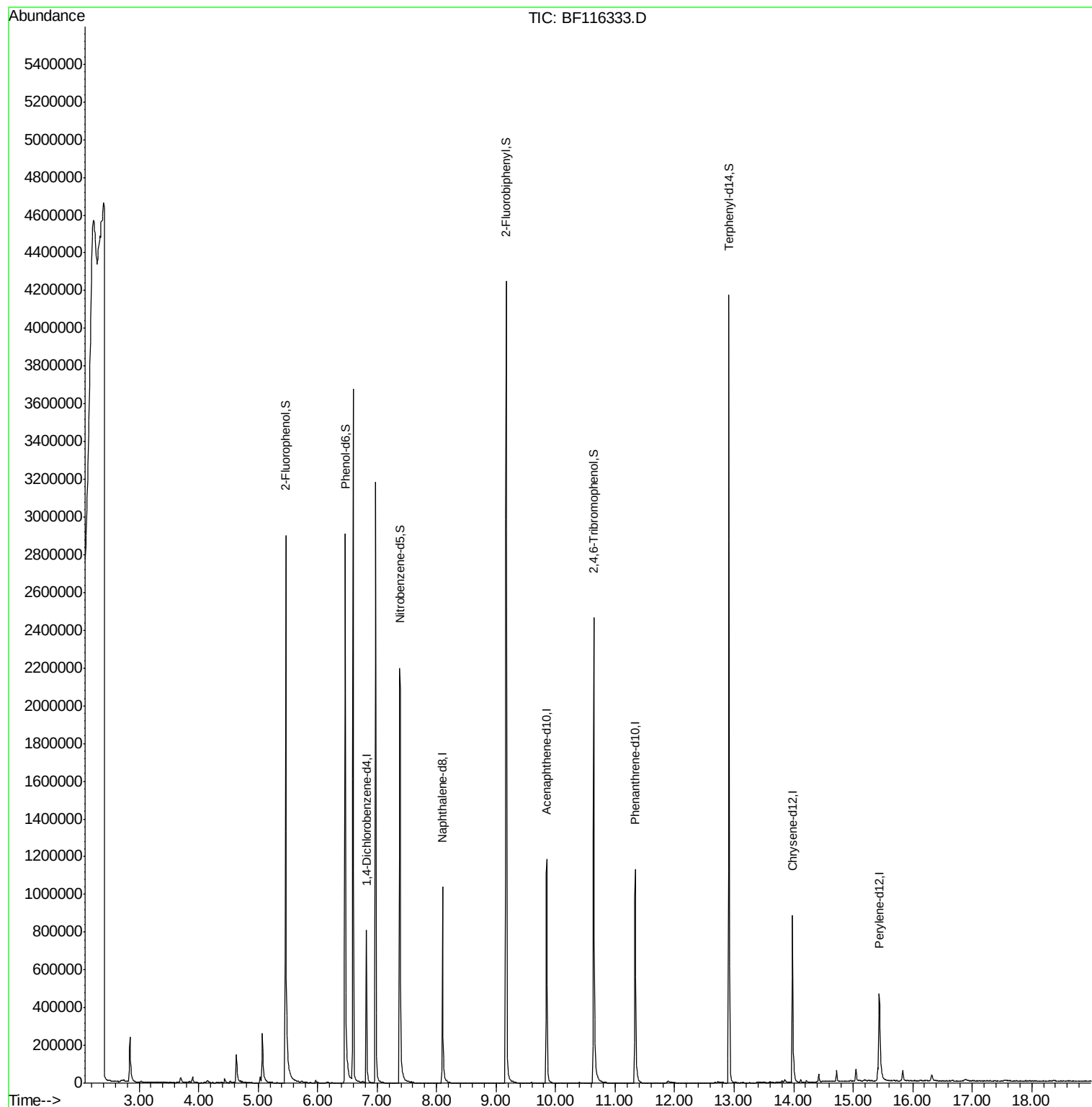
Target Compounds Qvalue

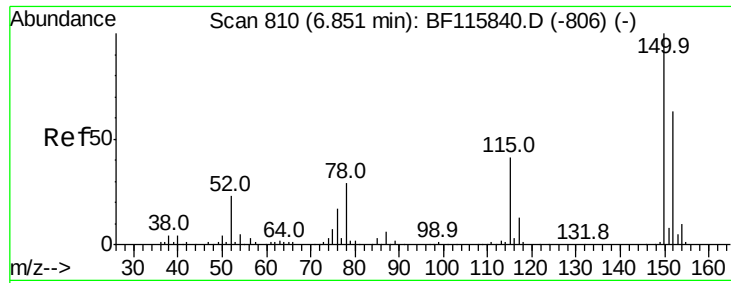
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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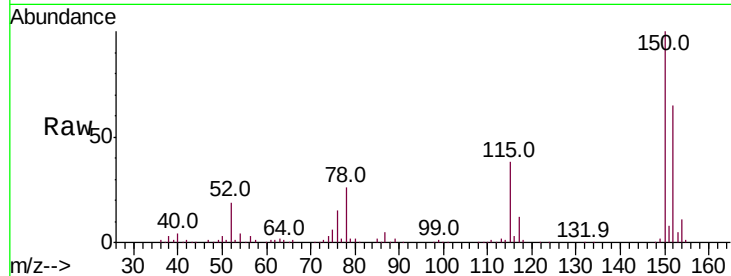


#1

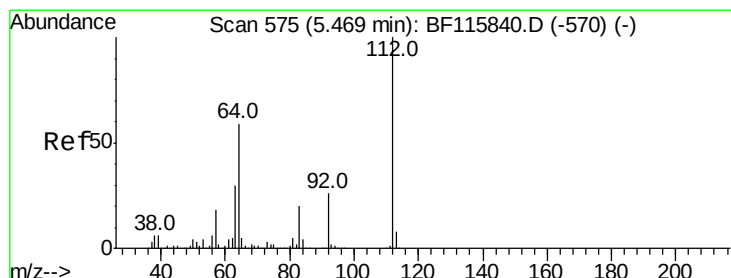
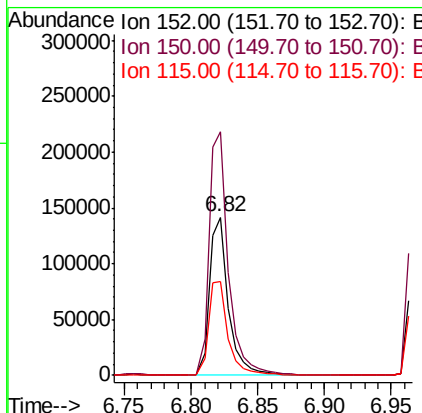
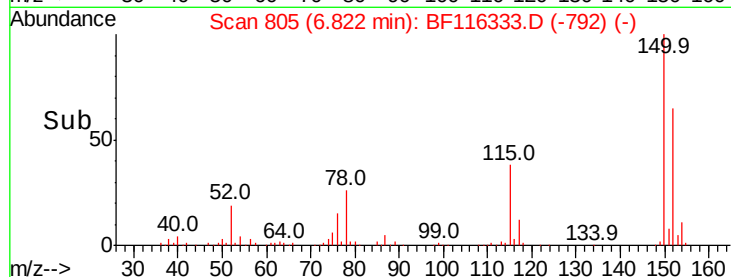
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 1S-N-(0-1)-COMP

Tot Ion:152 Resp: 140715
 Ion Ratio Lower Upper
 152 100
 150 153.9 126.2 189.2
 115 59.0 49.9 74.9



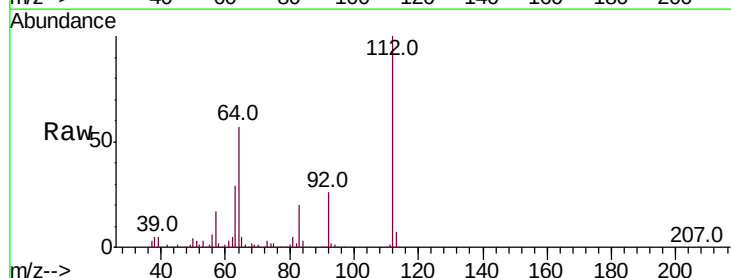
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



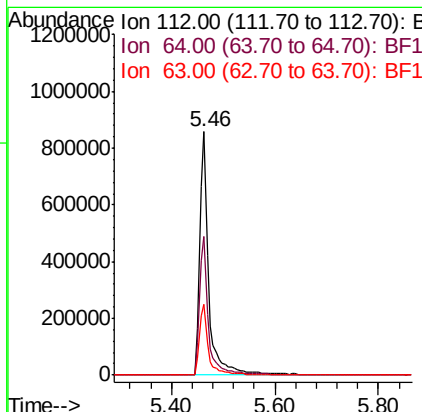
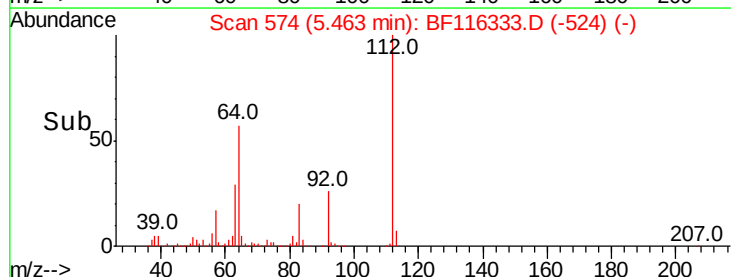
#5

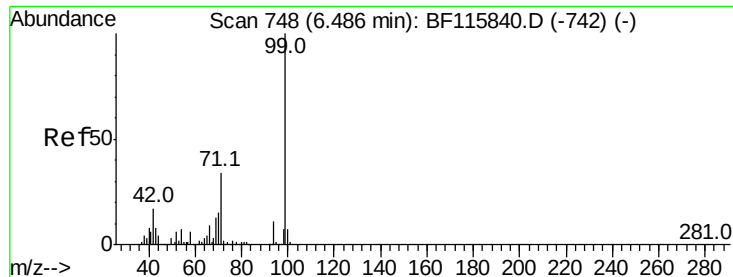
2-Fluorophenol
 Concen: 121.234 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Tgt Ion:112 Resp: 1019049
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.4 68.2
 63 29.1 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: 113.754 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

Instrument :

BNA_F

ClientSampleId :

1S-N-(0-1)-COMP

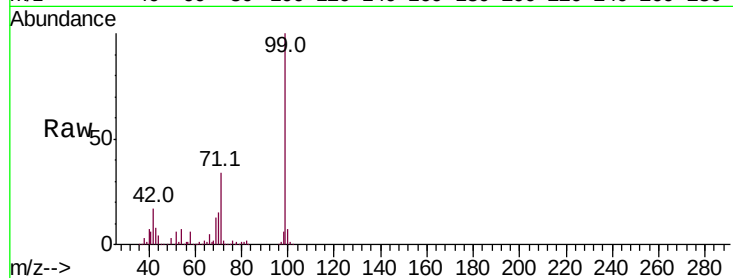
Tot Ion: 99 Resp: 1206382

Ion Ratio Lower Upper

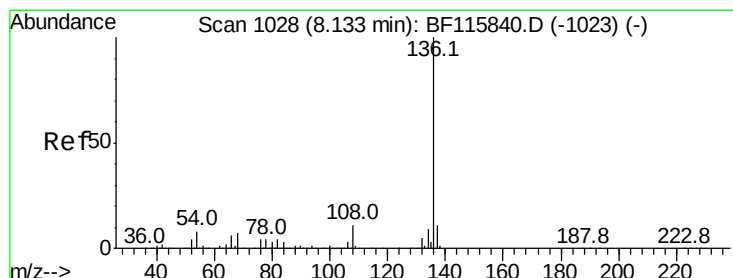
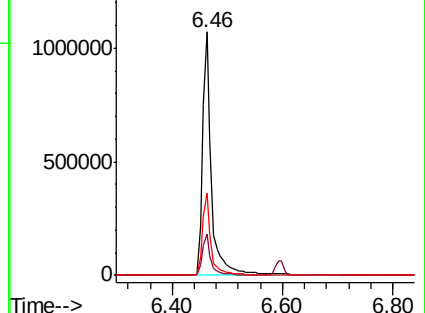
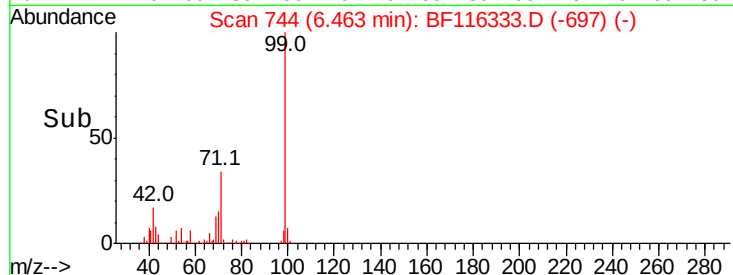
99 100

42 16.8 13.8 20.8

71 34.0 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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

Tgt Ion: 136 Resp: 547367

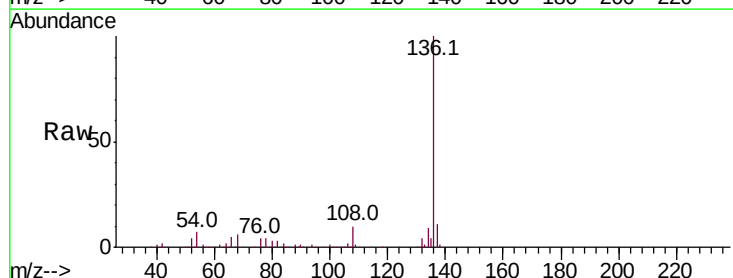
Ion Ratio Lower Upper

136 100

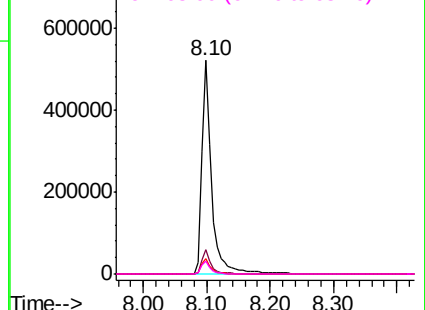
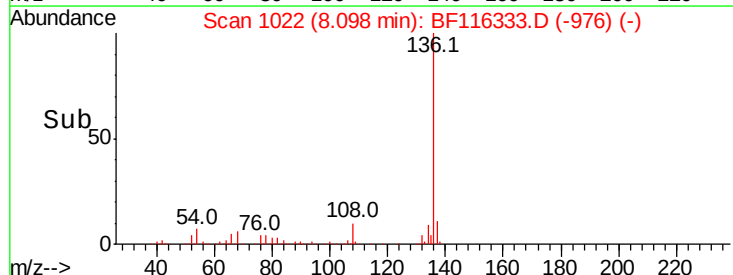
137 11.2 9.0 13.4

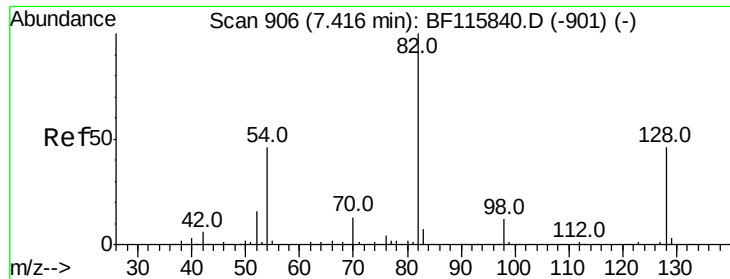
54 7.0 5.8 8.6

68 6.2 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

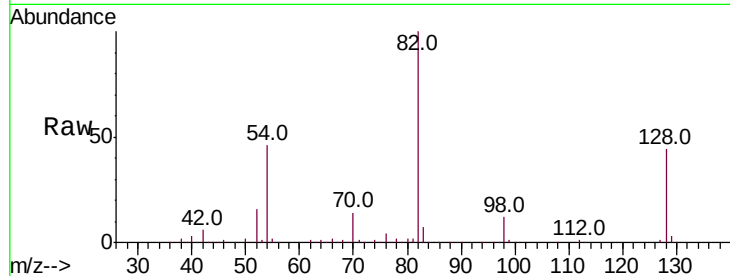




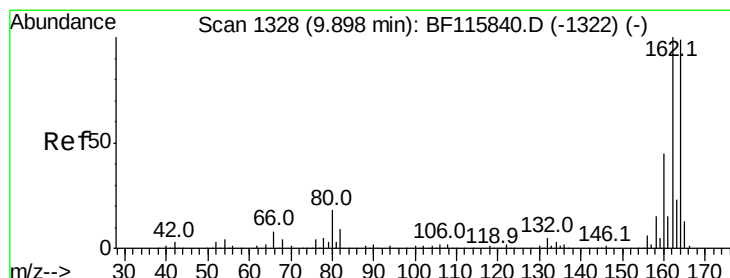
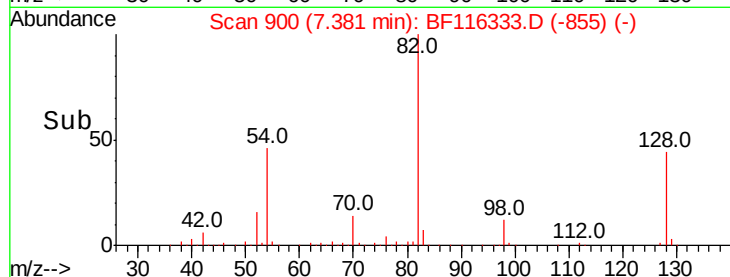
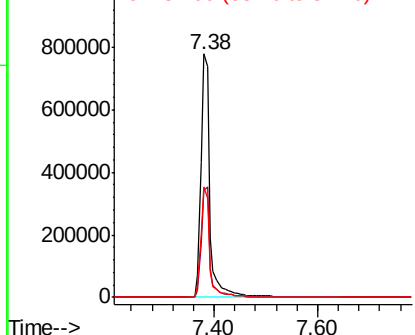
#23
 Nitrobenzene-d5
 Concen: 97.483 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 1S-N-(0-1)-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.5	54.7
54	45.6	36.0	54.0

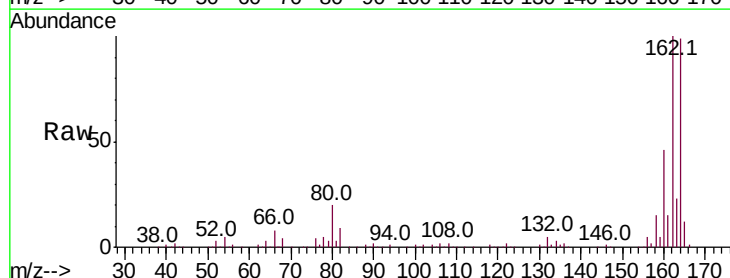


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

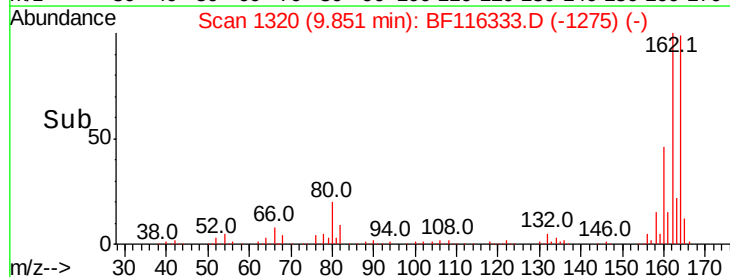
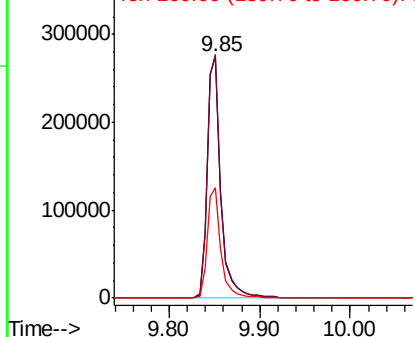


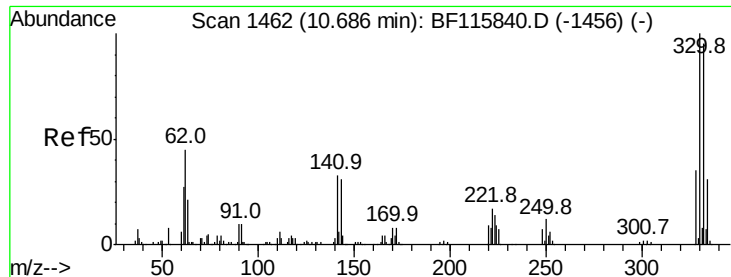
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	124.0
160	45.9	37.6	56.4



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: 137.898 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

Instrument :

BNA_F

ClientSampleId :

1S-N-(0-1)-COMP

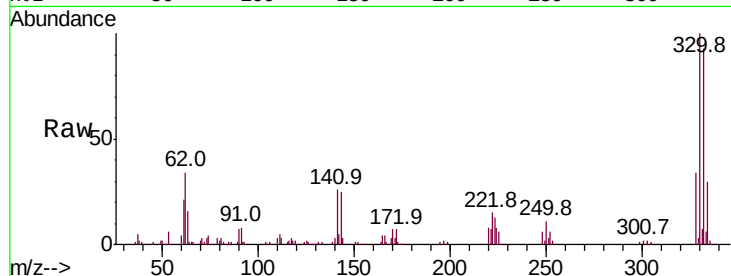
Tot Ion:330 Resp: 391086

Ion Ratio Lower Upper

330 100

332 95.2 76.8 115.2

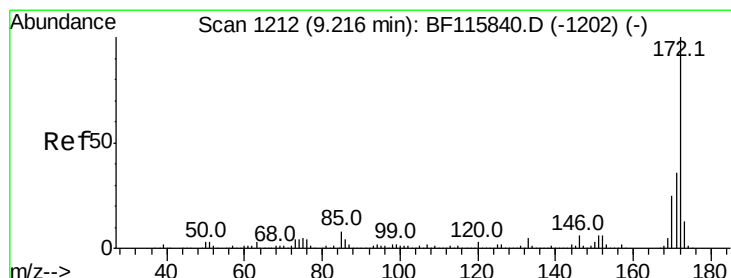
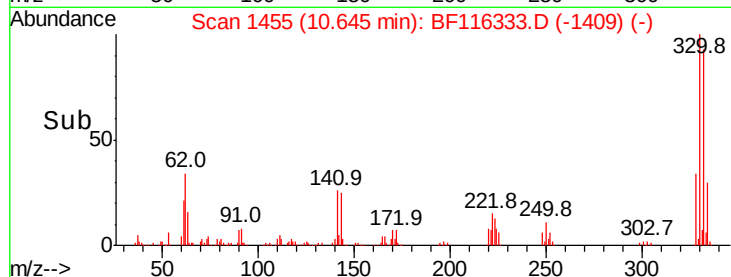
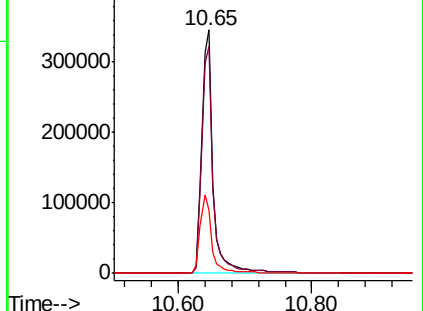
141 33.3 26.3 39.5



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: 96.454 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

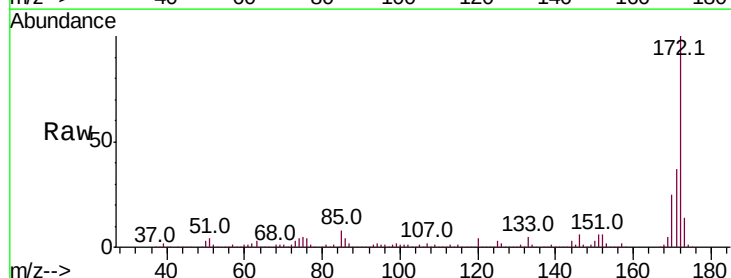
Tgt Ion:172 Resp: 1506339

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

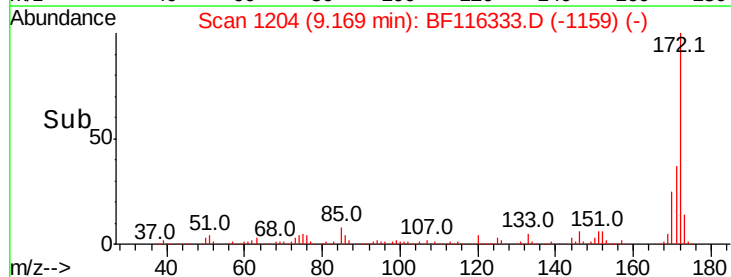
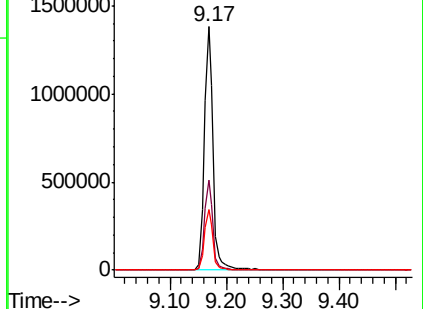
170 25.0 20.1 30.1

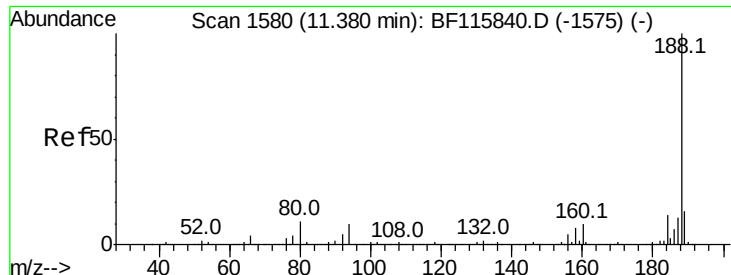


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

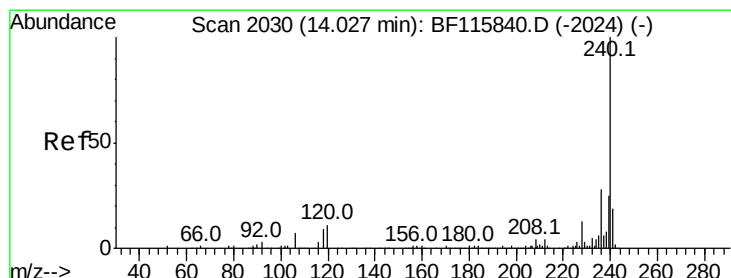
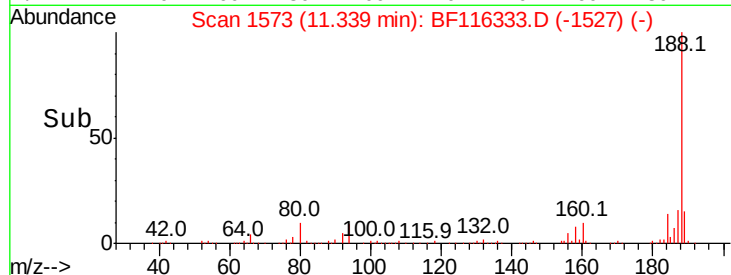
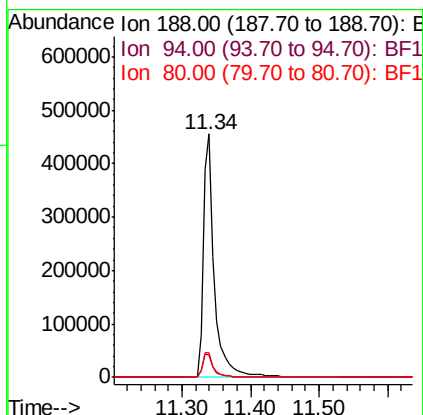
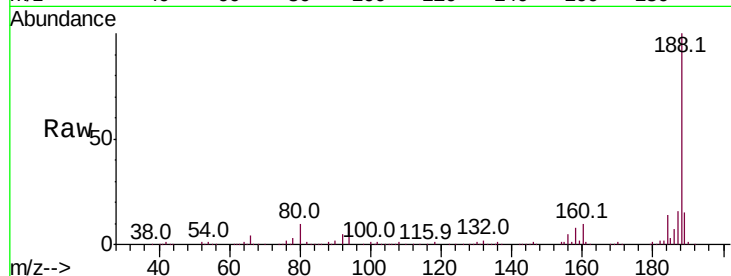




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

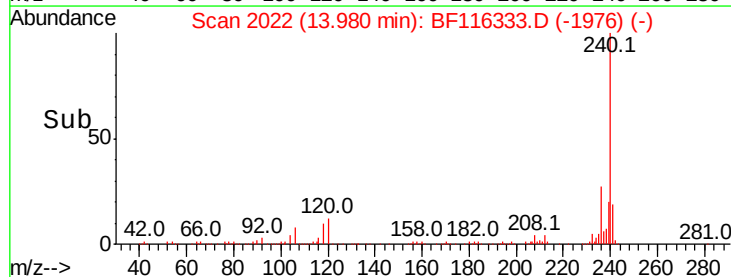
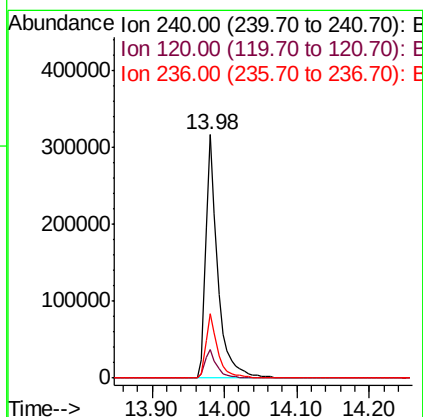
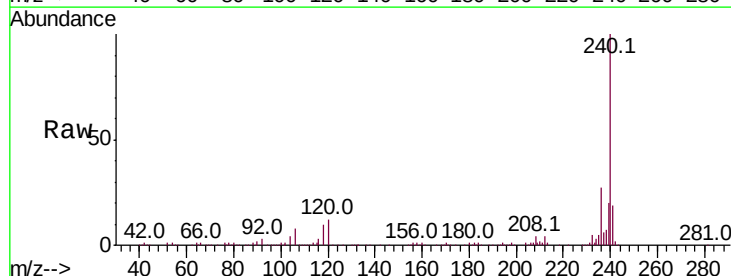
Instrument :
 BNA_F
 ClientSampleId :
 1S-N-(0-1)-COMP

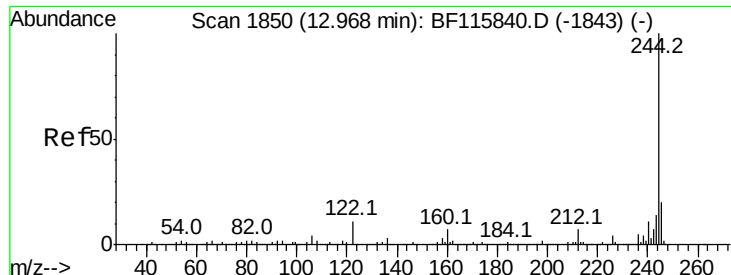
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.1	12.1
80	10.3	8.7	13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116333.D
 Acq: 16 Aug 2019 22:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.7	16.1
236	26.6	22.2	33.2





#79

Terphenyl-d14

Concen: 97.215 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

Instrument :

BNA_F

ClientSampleId :

1S-N(0-1)-COMP

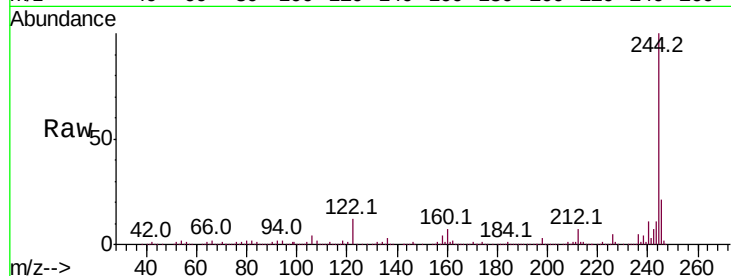
Tot Ion:244 Resp: 1688471

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

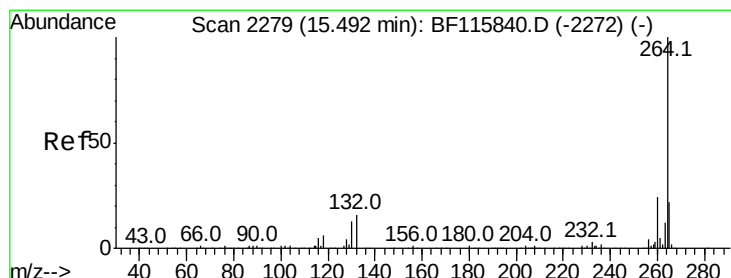
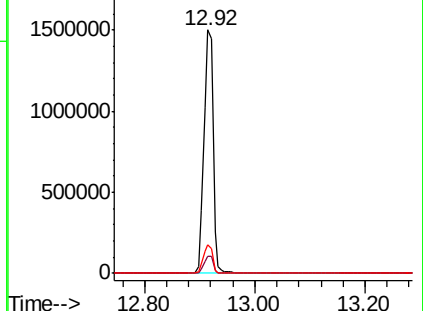
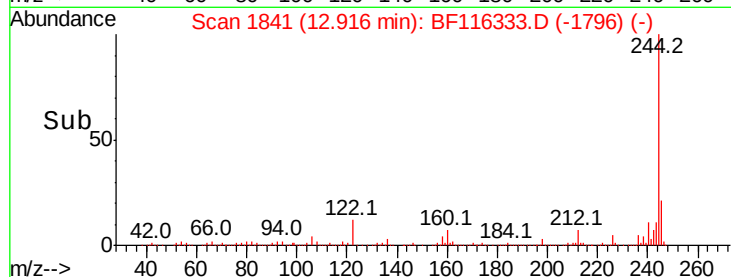
122 11.5 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BF116333.D

Acq: 16 Aug 2019 22:22

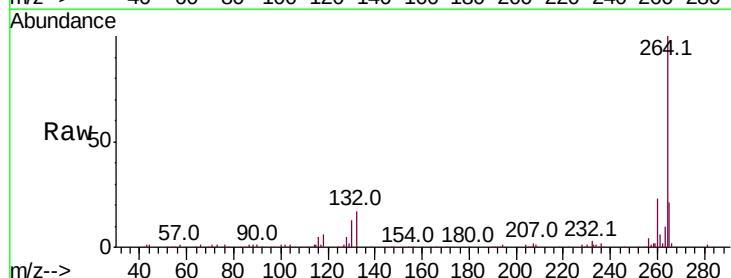
Tgt Ion:264 Resp: 325824

Ion Ratio Lower Upper

264 100

260 23.2 19.7 29.5

265 21.2 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

