

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114307.D
 Acq On : 16 May 2019 14:21
 Operator : JU/SJ
 Sample : PB119776BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Quant Time: May 17 08:21:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	271286	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1040959	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	500837	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1029962	20.00	ng	0.00
76) Chrysene-d12	14.02	240	789510	20.00	ng	0.00
87) Perylene-d12	15.52	264	744598	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1641329	97.36	ng	0.02
7) Phenol-d6	6.50	99	2206472	110.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1381266	74.47	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	528952	102.16	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2420619	73.11	ng	0.00
79) Terphenyl-d14	12.96	244	2449939	63.97	ng	0.00

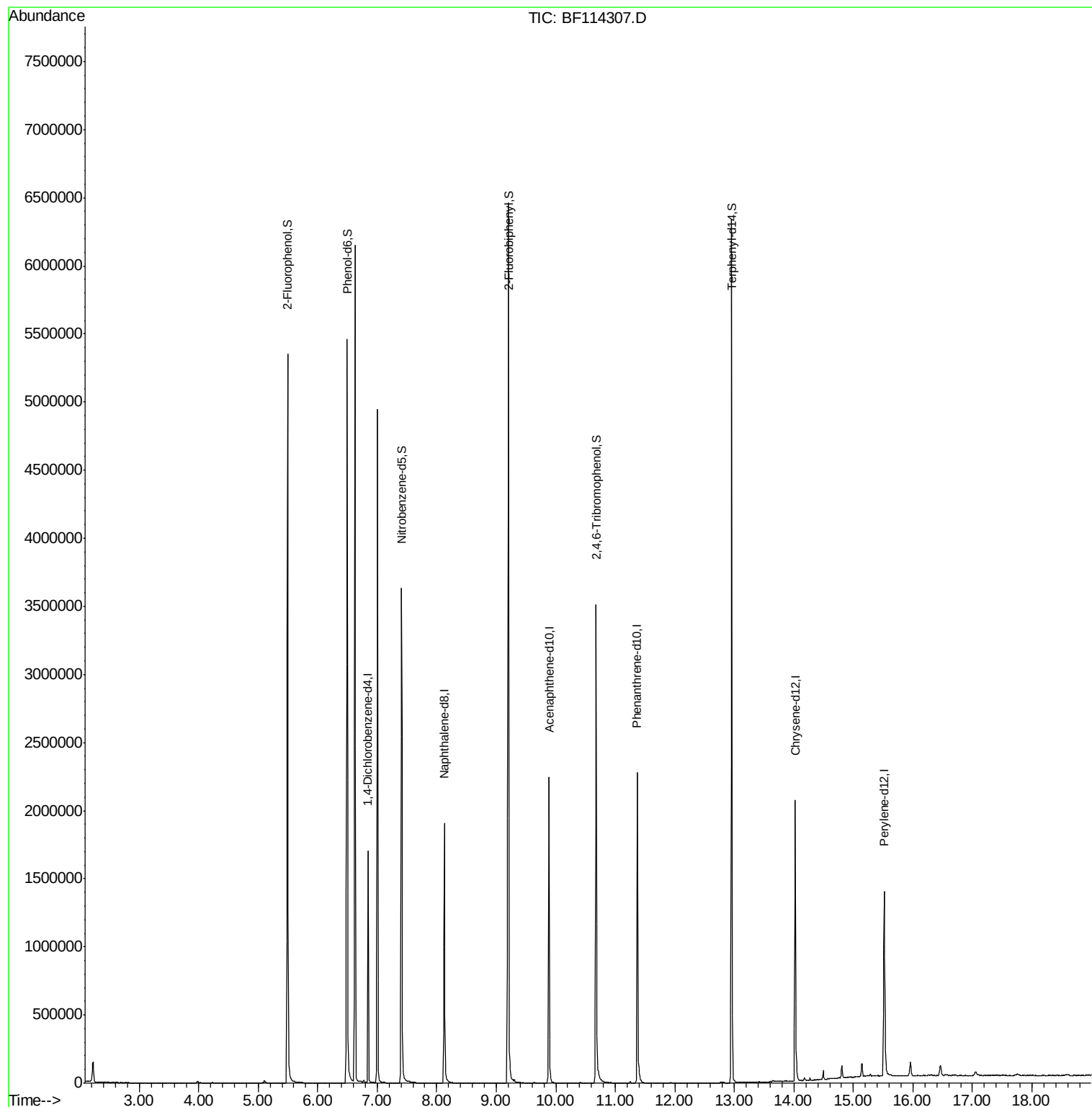
Target Compounds Qvalue

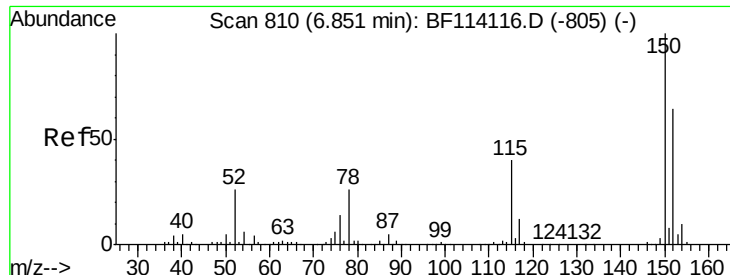
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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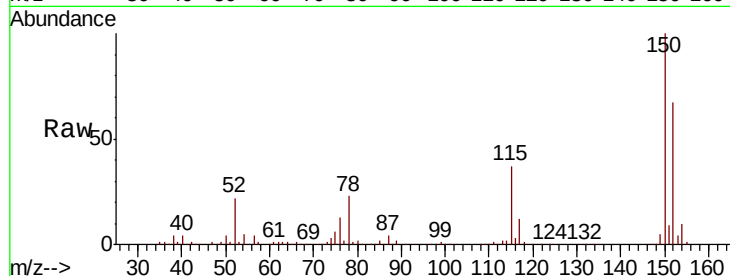


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.3	186.5
115	54.7	49.1	73.7

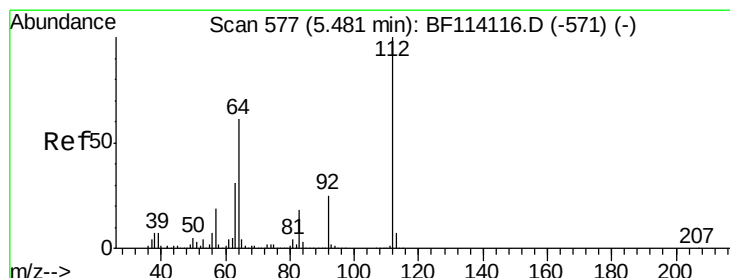
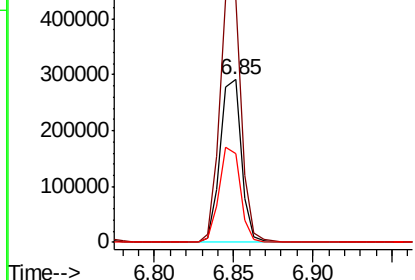
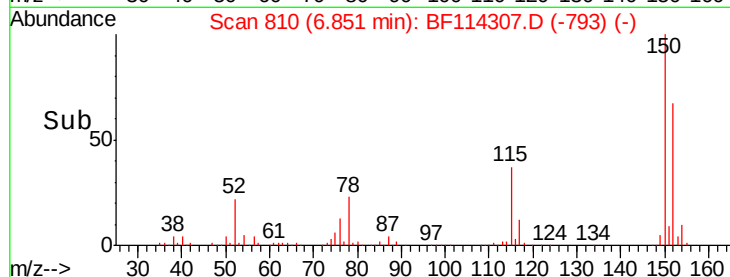


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

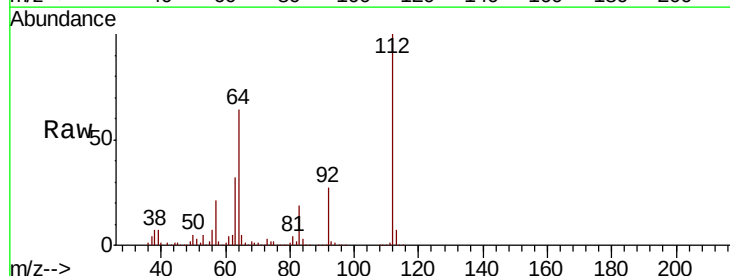
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.363 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.0	73.6
63	32.3	24.6	37.0

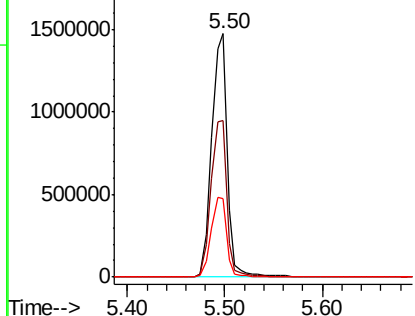
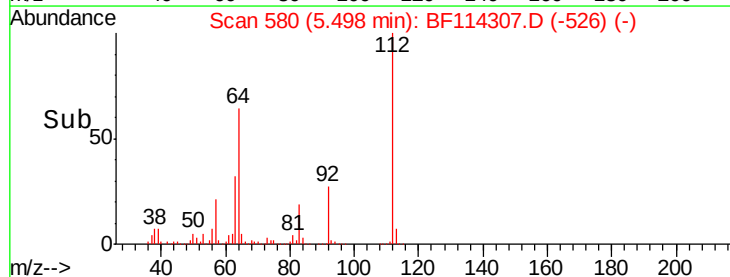


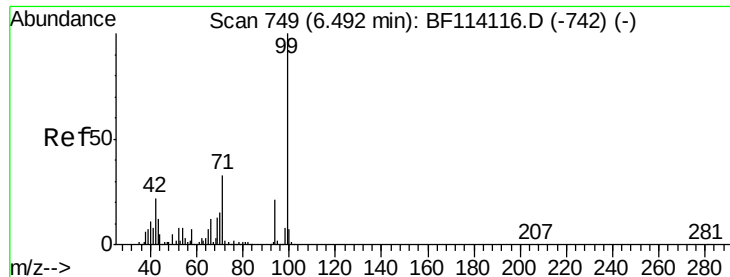
Abundance

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: 110.665 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

PB119776BL

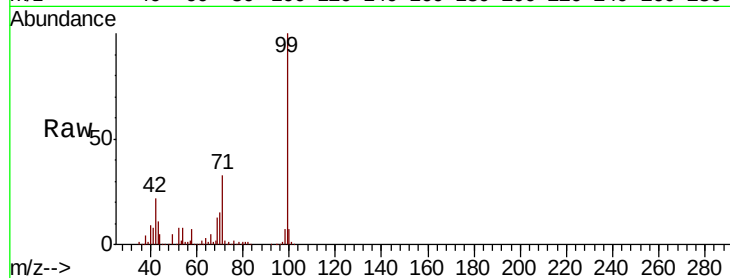
Tot Ion: 99 Resp: 2206472

Ion Ratio Lower Upper

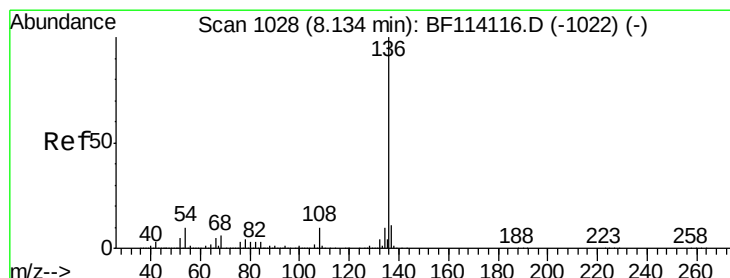
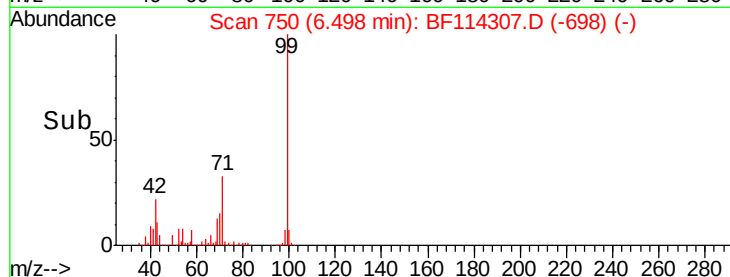
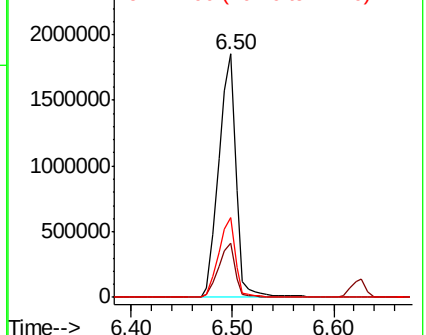
99 100

42 22.5 17.9 26.9

71 32.8 26.2 39.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

Tgt Ion: 136 Resp: 1040959

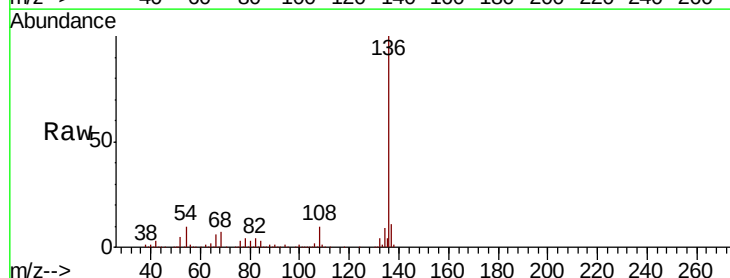
Ion Ratio Lower Upper

136 100

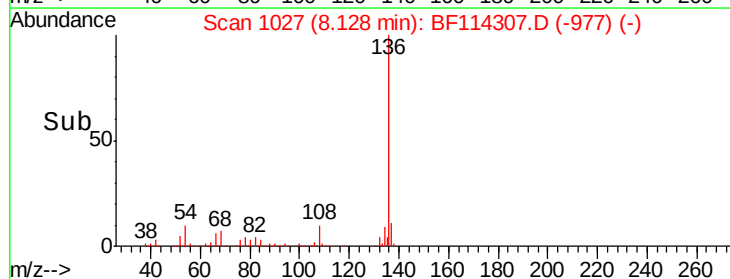
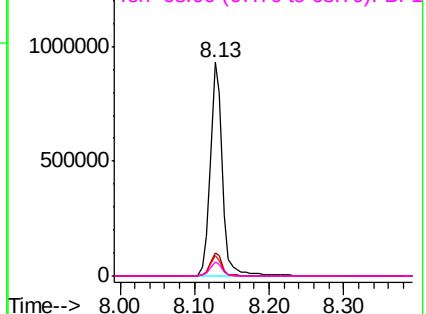
137 11.1 8.8 13.2

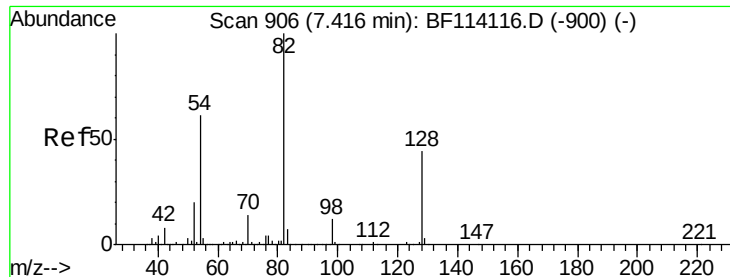
54 9.7 7.8 11.8

68 6.9 5.1 7.7



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

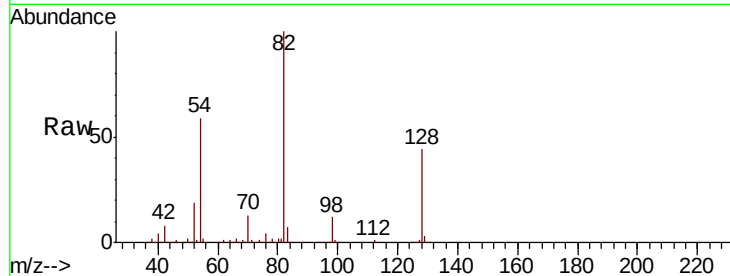




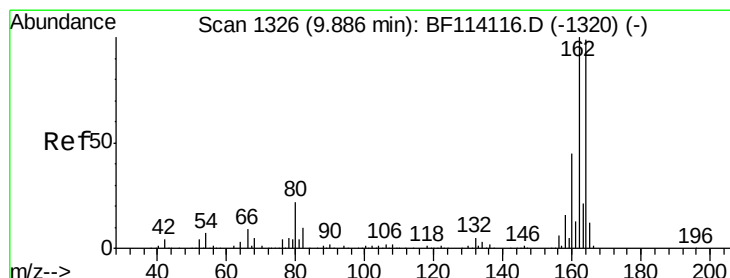
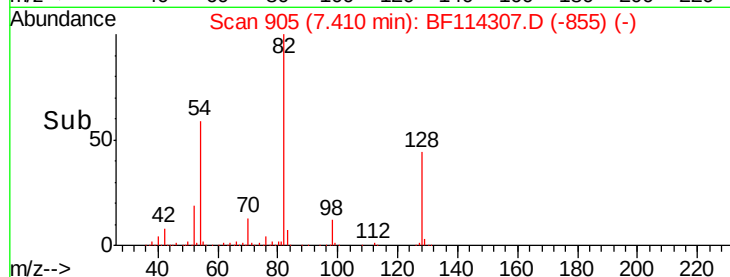
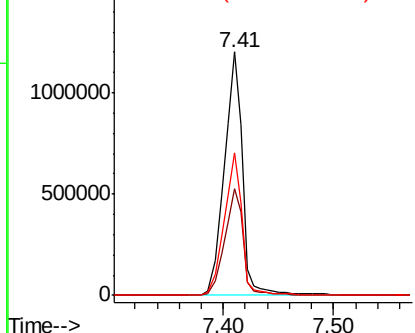
#23
Nitrobenzene-d5
Concen: 74.467 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Tot Ion: 82 Resp: 1381266
Ion Ratio Lower Upper
82 100
128 44.0 35.5 53.3
54 58.8 48.5 72.7

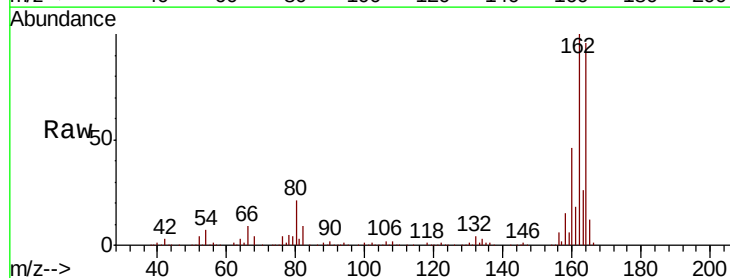


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

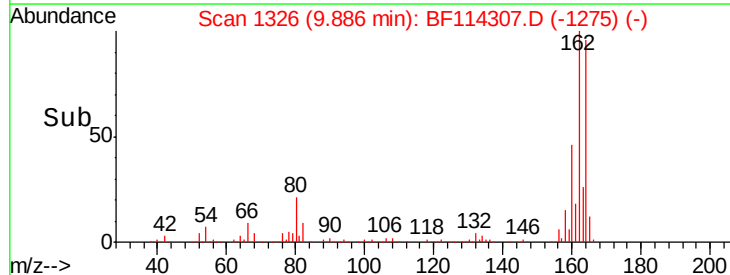
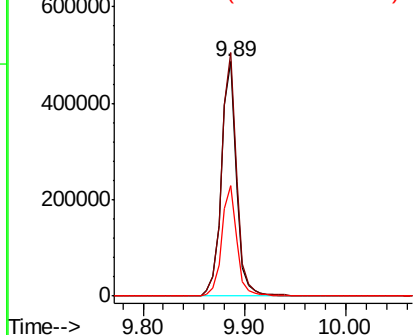


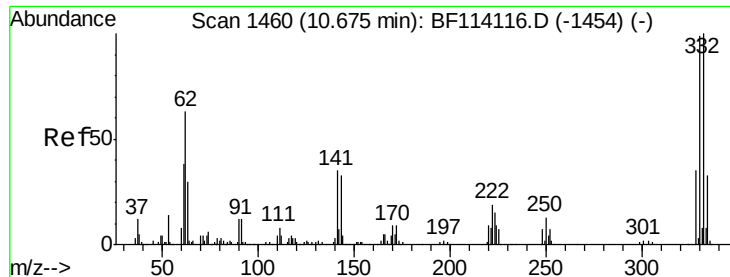
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Tgt Ion:164 Resp: 500837
Ion Ratio Lower Upper
164 100
162 103.8 80.6 120.8
160 47.3 36.5 54.7



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

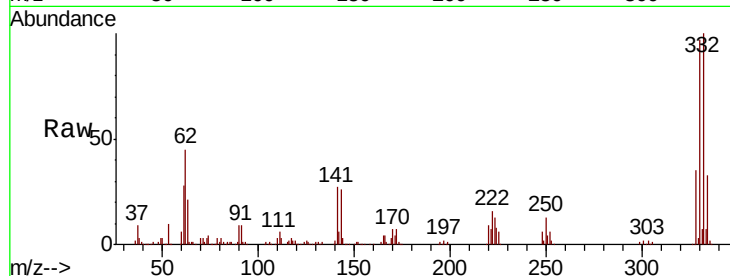




#42
 2,4,6-Tribromophenol
 Concen: 102.157 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114307.D
 Acq: 16 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.0	81.4	122.2
141	32.5	26.6	40.0

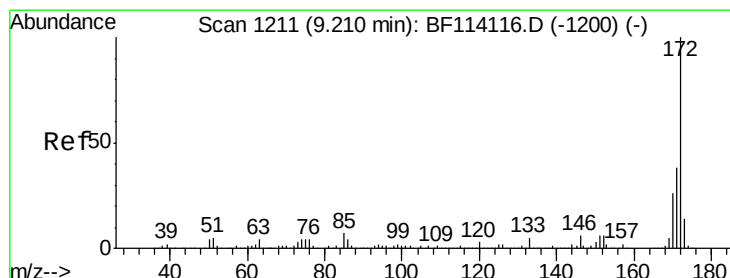
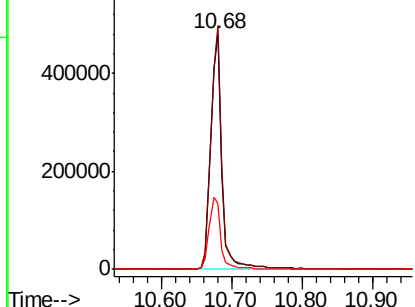
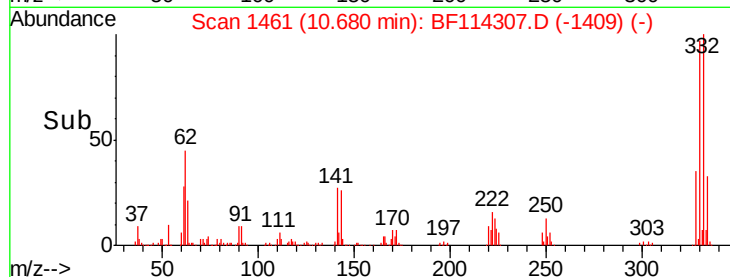


Abundance

Ion 329.80 (329.50 to 330.50): E

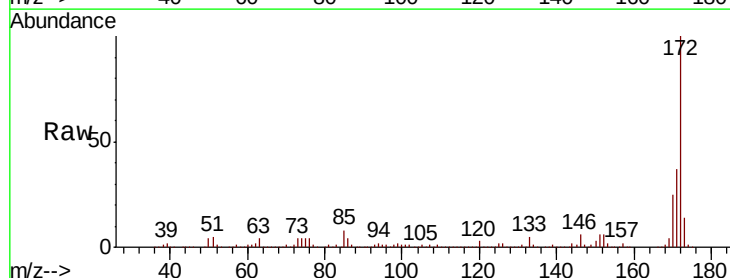
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.109 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114307.D
 Acq: 16 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.6	20.5	30.7

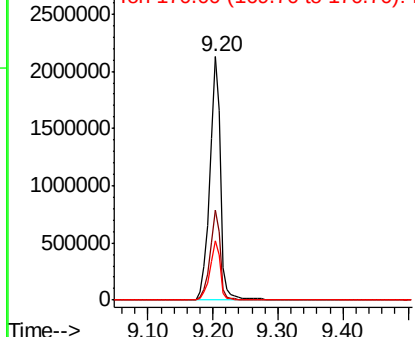
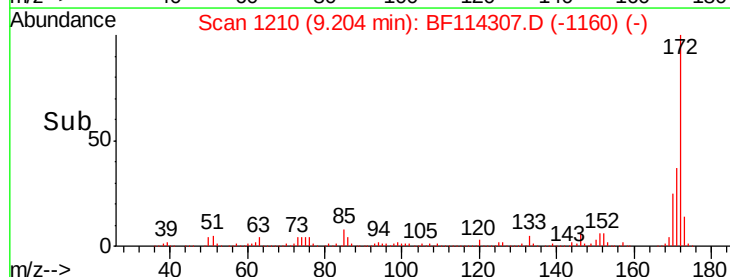


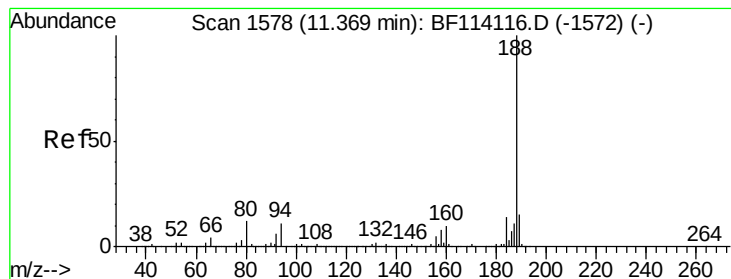
Abundance

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

PB119776BL

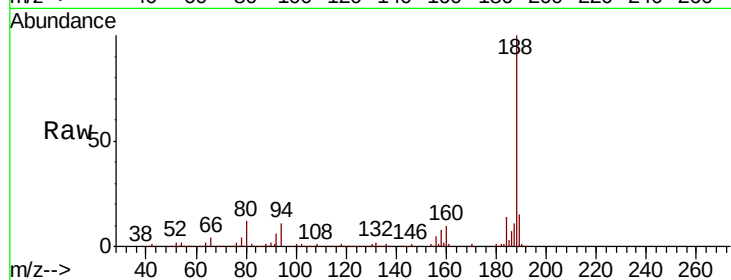
Tot Ion:188 Resp: 1029962

Ion Ratio Lower Upper

188 100

94 11.2 8.4 12.6

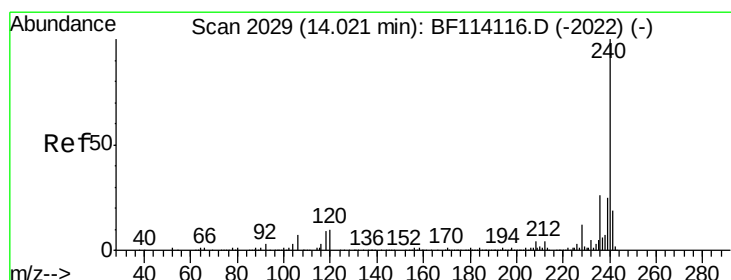
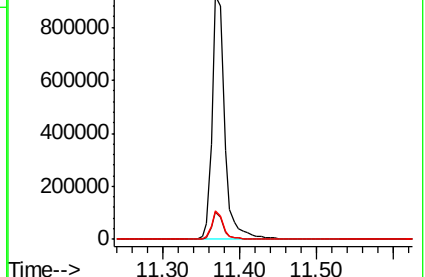
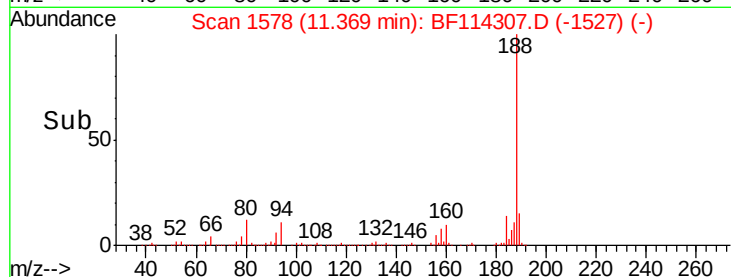
80 11.8 9.2 13.8



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: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

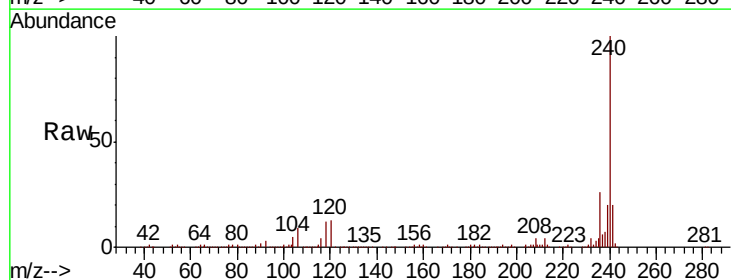
Tgt Ion:240 Resp: 789510

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

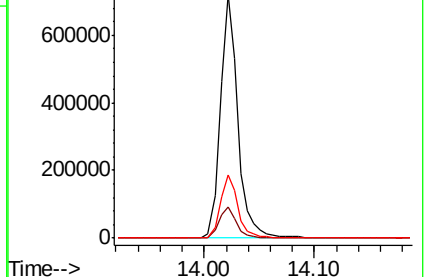
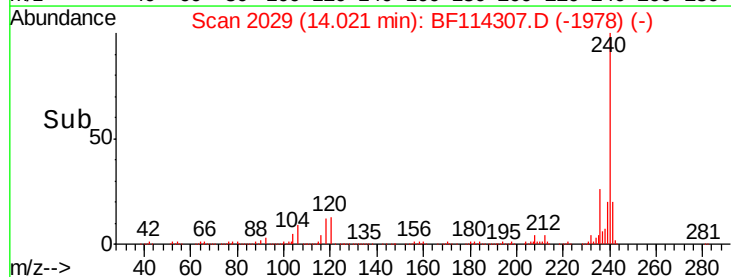
236 25.8 20.8 31.2

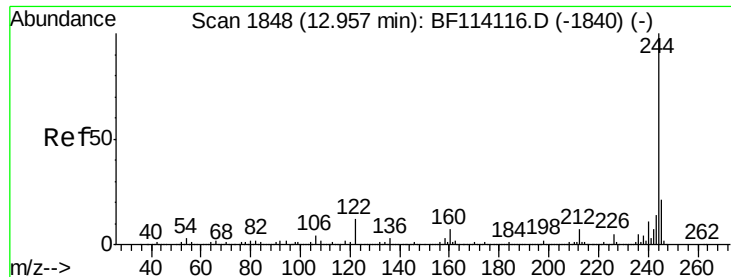


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



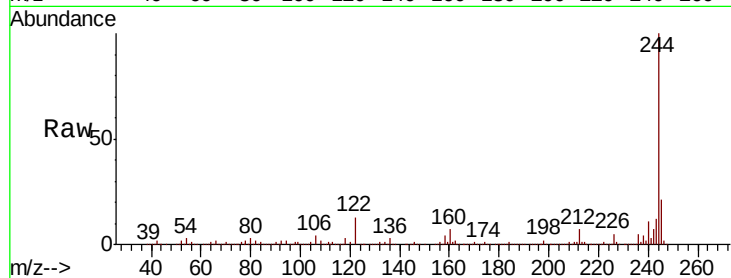


#79
 Terphenyl-d14
 Concen: 63.969 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114307.D
 Acq: 16 May 2019 14:21

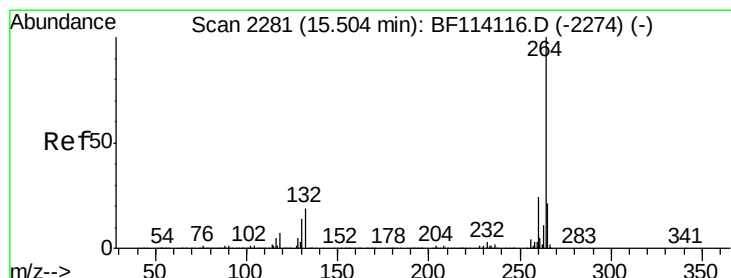
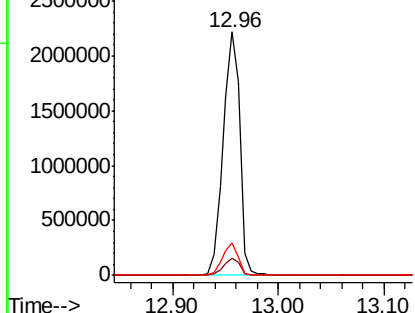
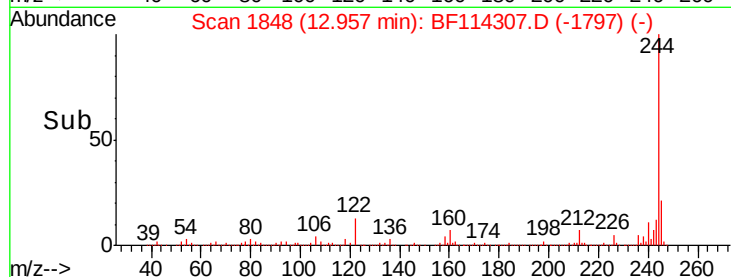
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Tot Ion:244 Resp: 2449939

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	13.3	9.4	14.2



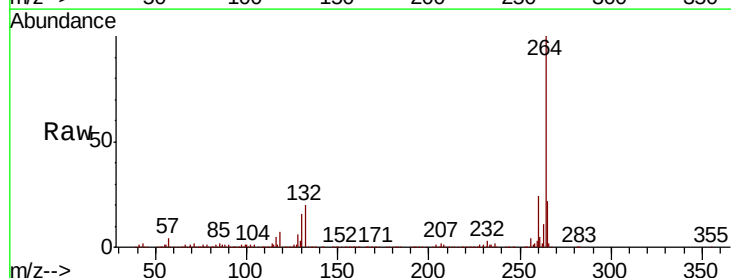
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.01 min
 Lab File: BF114307.D
 Acq: 16 May 2019 14:21

Tgt Ion:264 Resp: 744598

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.7	16.9	25.3



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

