

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116997.D
 Acq On : 12 Sep 2019 17:36
 Operator : HP/JU
 Sample : K4837-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P66-LINDEN-GEN-SP

Quant Time: Sep 13 08:08:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	63836	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	248474	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	125717	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	210310	20.00	ng	0.00
76) Chrysene-d12	13.97	240	134601	20.00	ng	0.00
87) Perylene-d12	15.42	264	144486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	489696	124.28	ng	0.01
7) Phenol-d6	6.46	99	586098	113.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	484729	111.37	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	160706	191.22	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	853135	114.48	ng	0.00
79) Terphenyl-d14	12.92	244	750307	103.12	ng	0.00

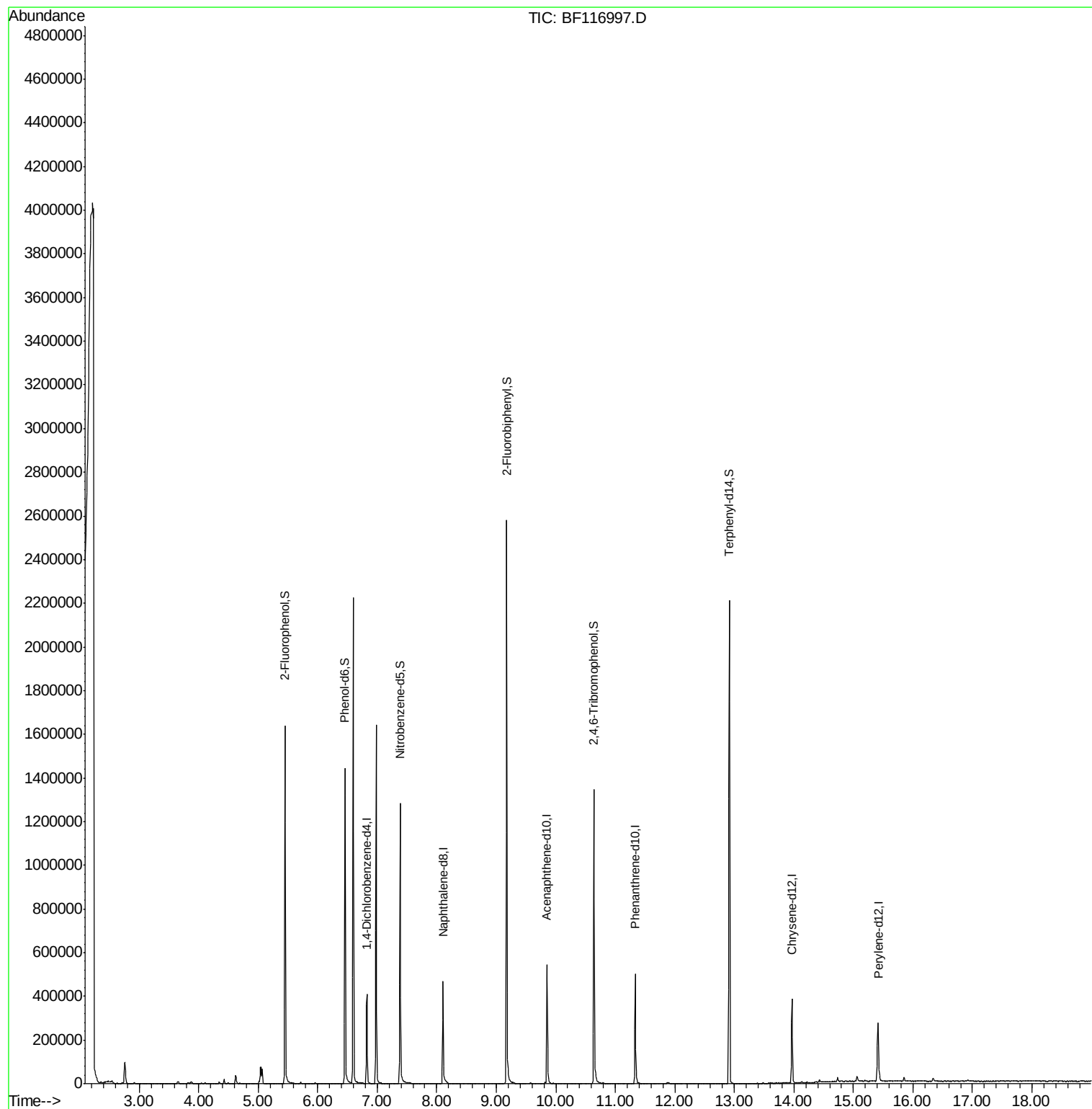
Target Compounds Qvalue

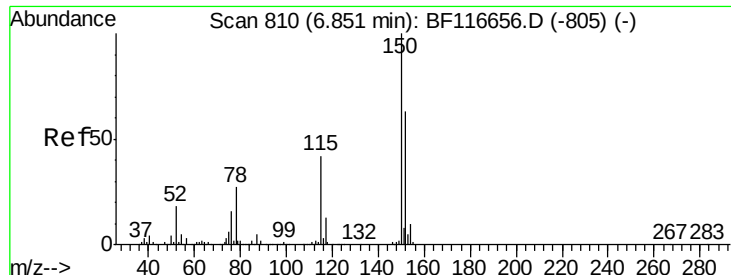
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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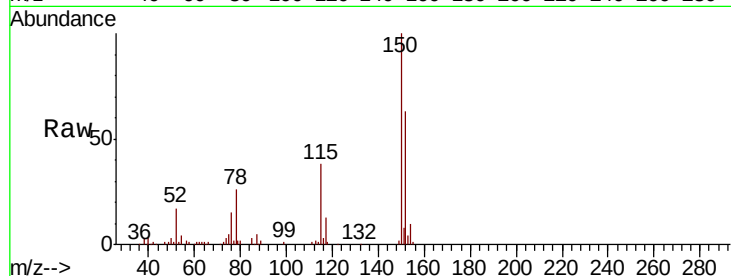


#1

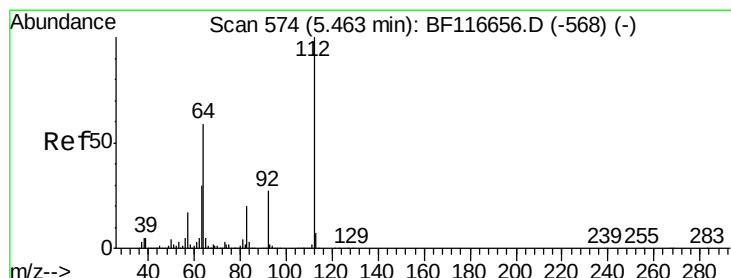
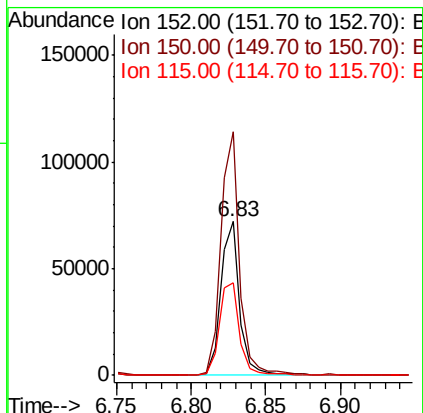
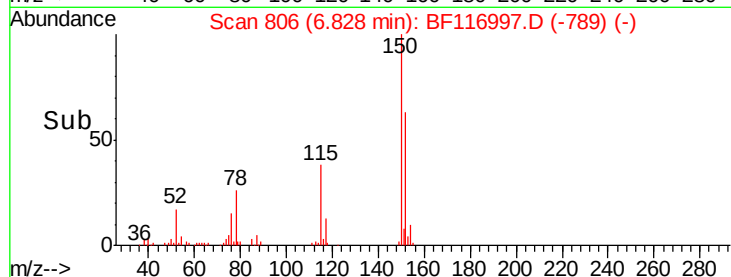
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF116997.D
Acq: 12 Sep 2019 17:36

Instrument :
BNA_F
ClientSampleId :
P66-LINDEN-GEN-SP

Tot Ion:152 Resp: 63836
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 60.5 50.2 75.2



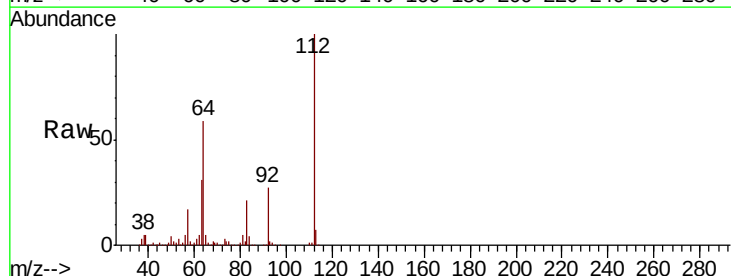
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



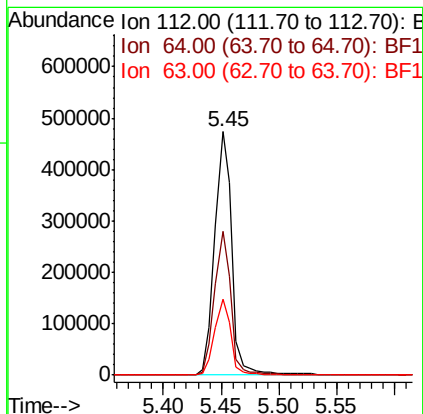
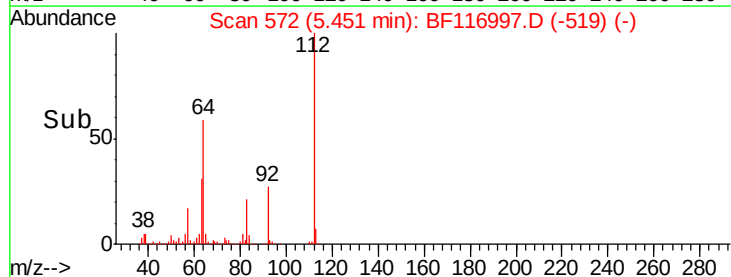
#5

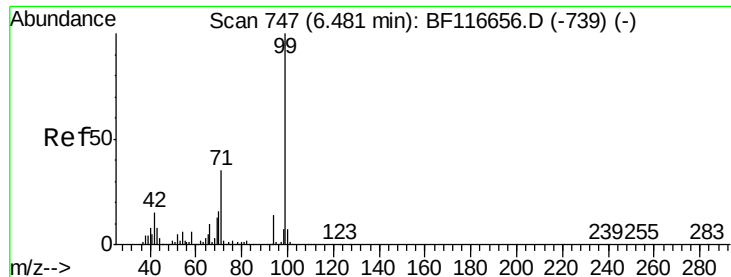
2-Fluorophenol
Concen: 124.277 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF116997.D
Acq: 12 Sep 2019 17:36

Tgt Ion:112 Resp: 489696
Ion Ratio Lower Upper
112 100
64 59.1 47.1 70.7
63 31.4 25.4 38.0



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: 113.275 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116997.D

Acq: 12 Sep 2019 17:36

Instrument :

BNA_F

ClientSampleId :

P66-LINDEN-GEN-SP

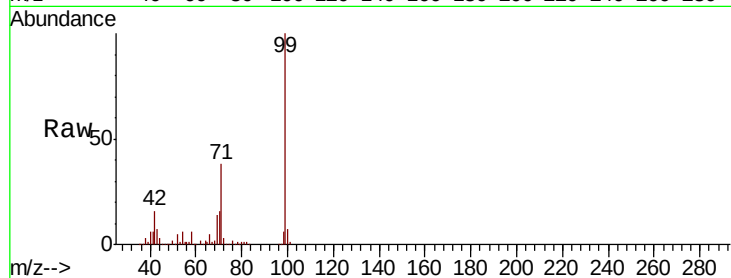
Tot Ion: 99 Resp: 586098

Ion Ratio Lower Upper

99 100

42 15.8 12.0 18.0

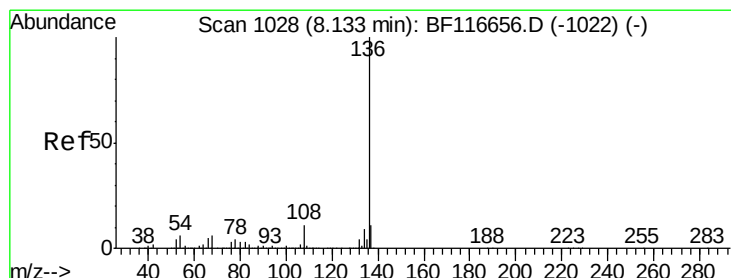
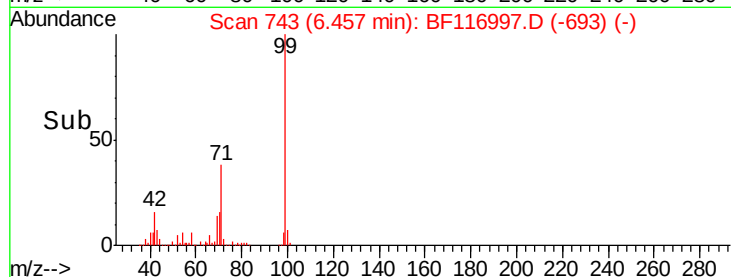
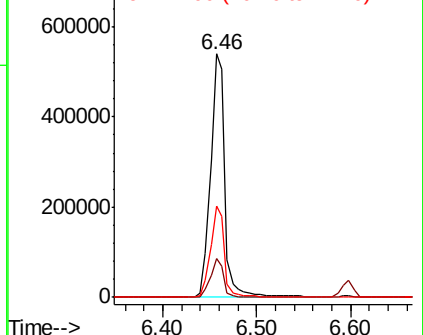
71 37.6 29.7 44.5



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. -0.01 min

Lab File: BF116997.D

Acq: 12 Sep 2019 17:36

Tgt Ion: 136 Resp: 248474

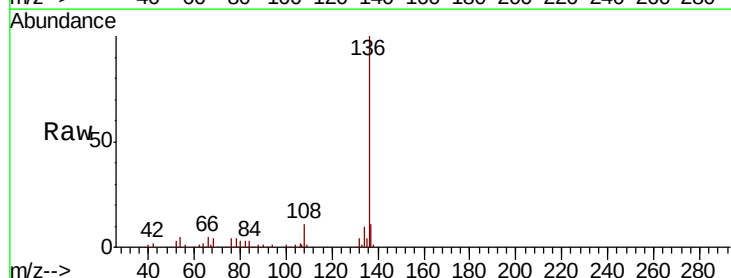
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 5.3 3.8 5.8

68 4.5 3.6 5.4

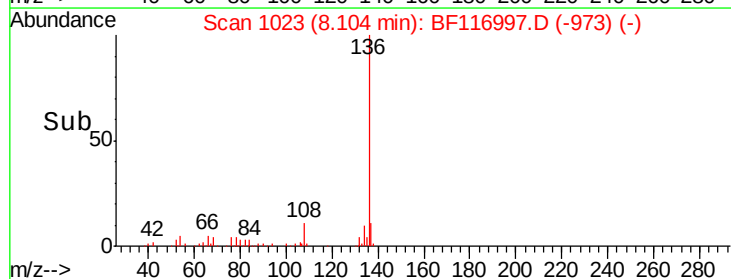
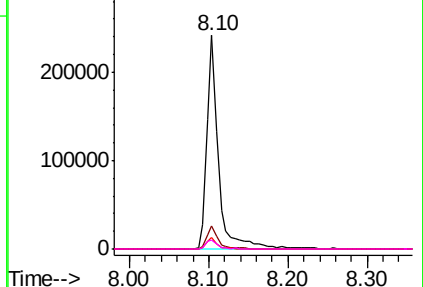


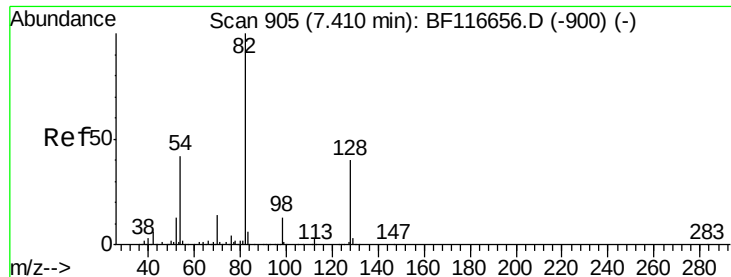
Abundance Ion 136.00 (135.70 to 136.70): E

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

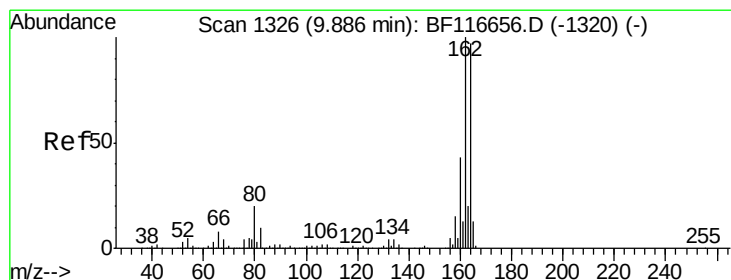
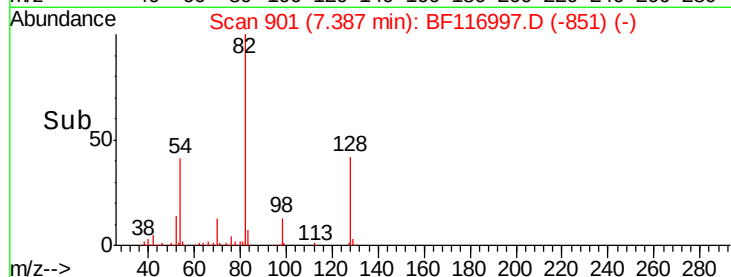
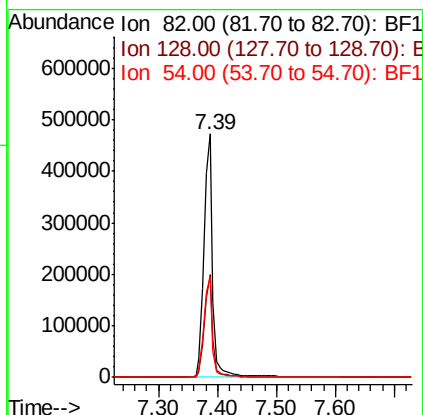
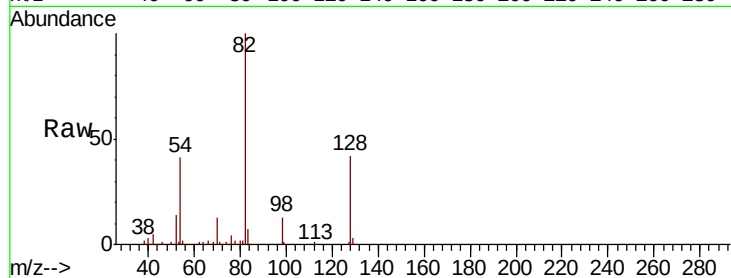




#23
 Nitrobenzene-d5
 Concen: 111.367 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116997.D
 Acq: 12 Sep 2019 17:36

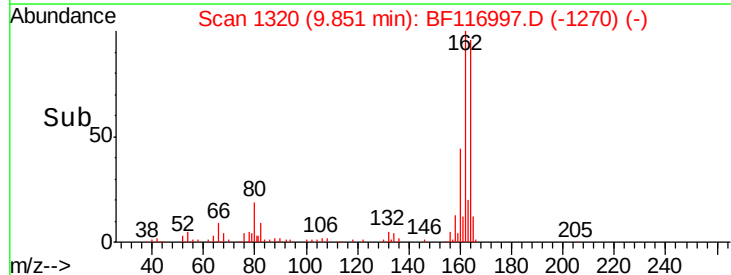
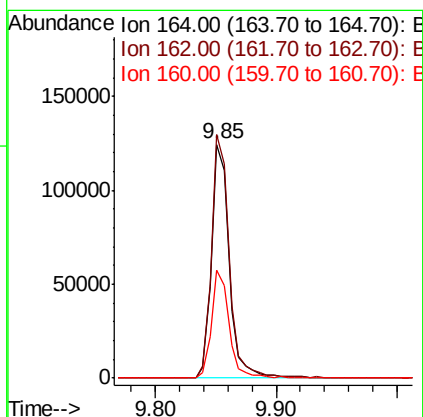
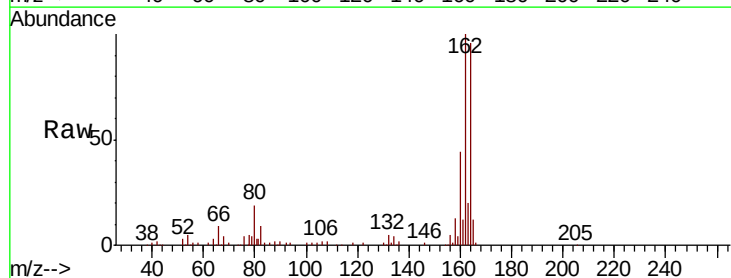
Instrument :
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 P66-LINDEN-GEN-SP

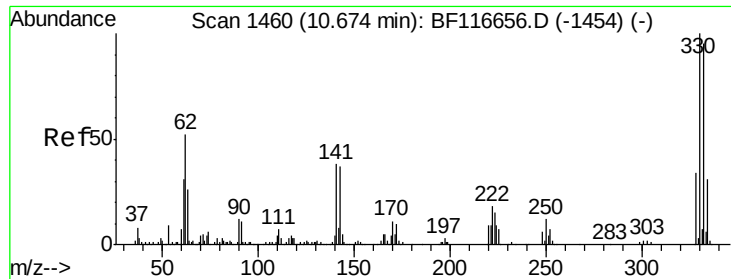
Tot Ion	82	Resp	484729
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.0	52.4
54	41.0	32.6	48.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF116997.D
 Acq: 12 Sep 2019 17:36

Tgt Ion	164	Resp	125717
Ion Ratio	Lower	Upper	
164	100		
162	104.3	81.8	122.6
160	46.0	35.7	53.5

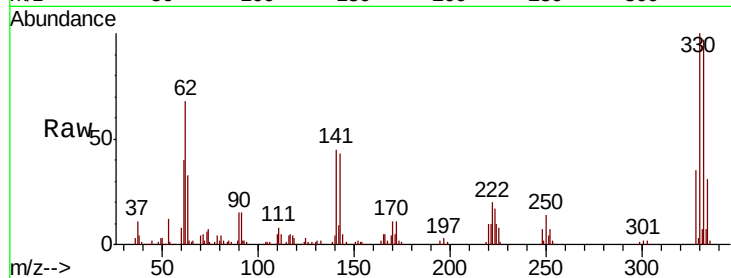




#42
 2,4,6-Tribromophenol
 Concen: 191.215 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF116997.D
 Acq: 12 Sep 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 P66-LINDEN-GEN-SP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.9	113.9
141	44.1	35.6	53.4

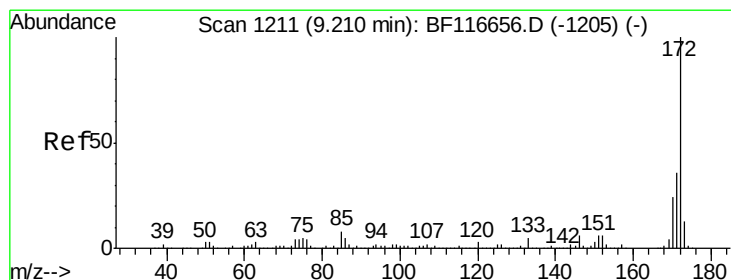
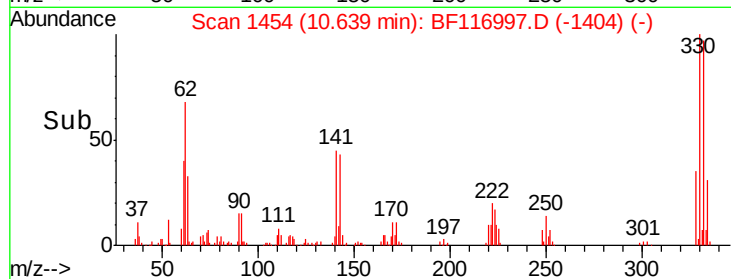
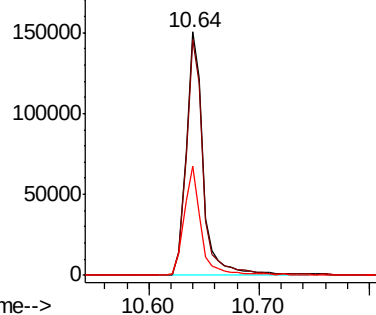


Abundance

Ion 329.80 (329.50 to 330.50): E

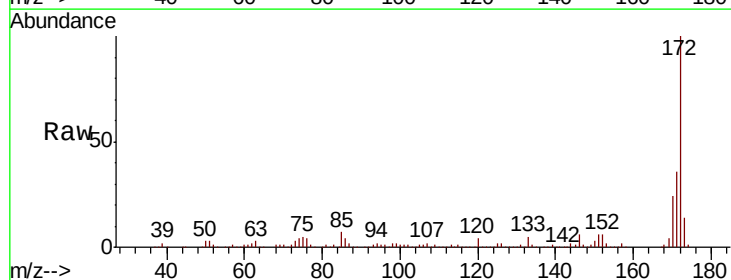
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 114.475 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF116997.D
 Acq: 12 Sep 2019 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	23.7	19.2	28.8

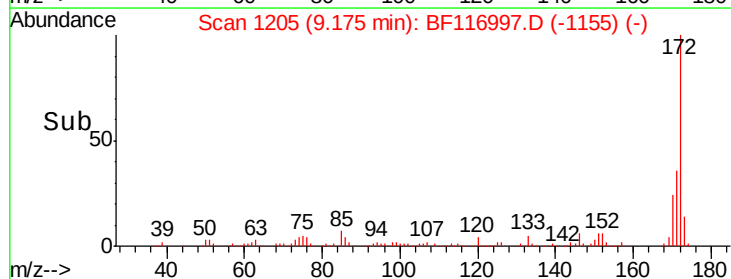
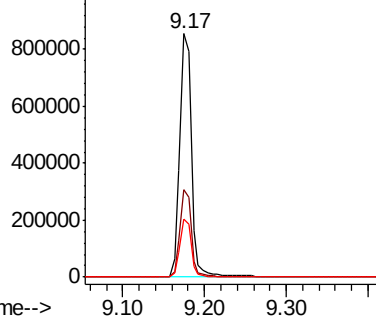


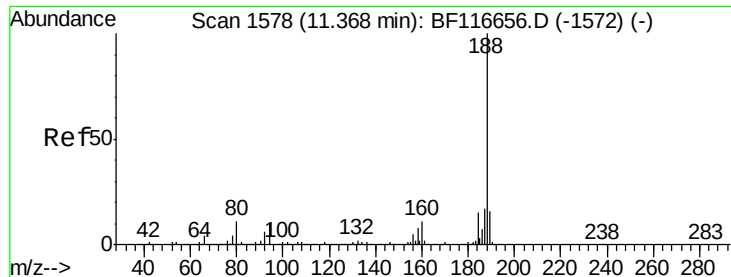
Abundance

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

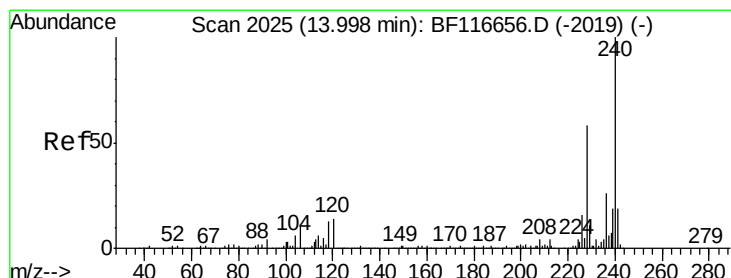
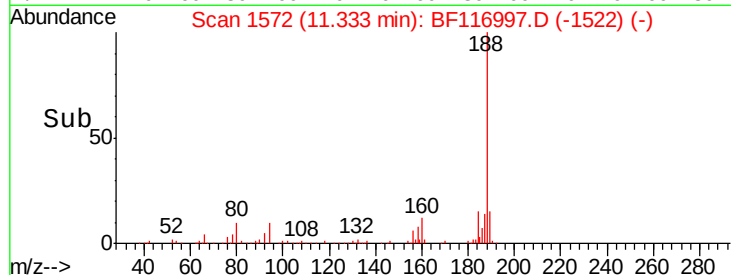
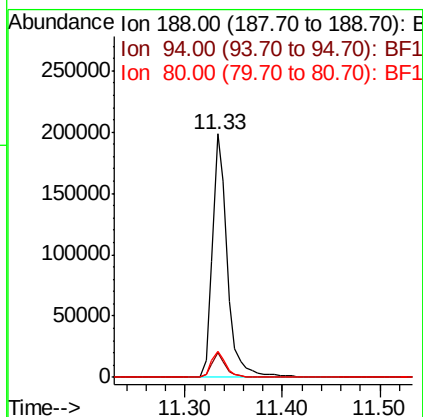
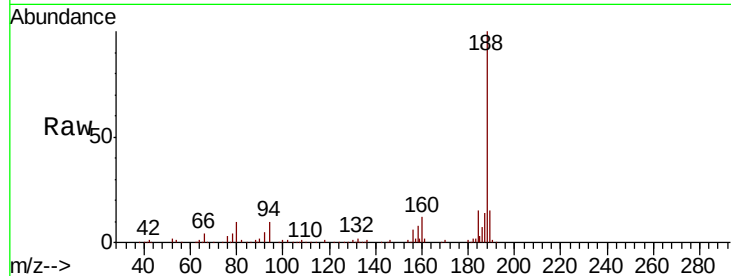




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF116997.D
Acq: 12 Sep 2019 17:36

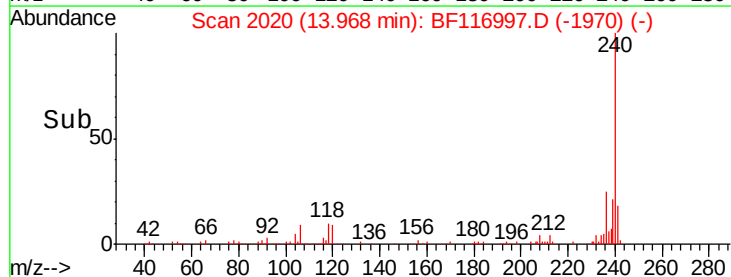
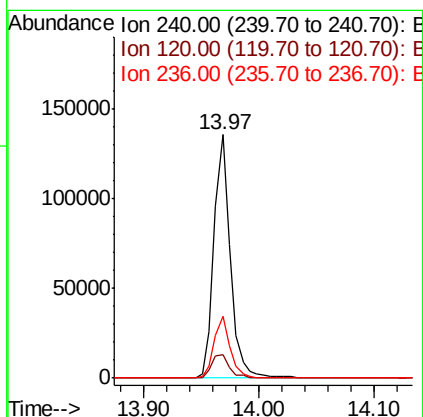
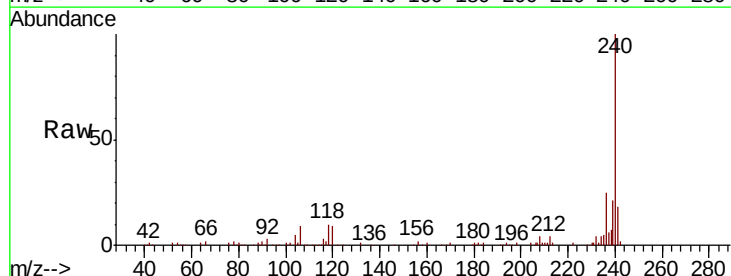
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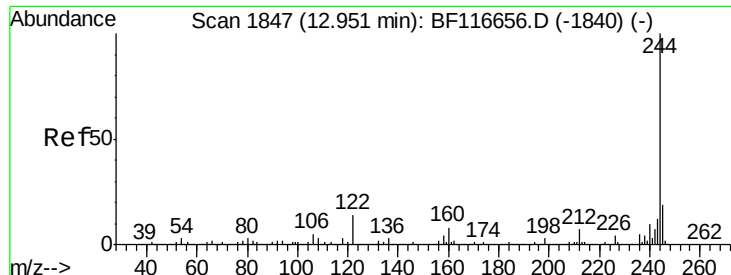
Tot Ion:188 Resp: 210310
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116997.D
Acq: 12 Sep 2019 17:36

Tgt Ion:240 Resp: 134601
Ion Ratio Lower Upper
240 100
120 9.4 9.1 13.7
236 25.5 20.9 31.3

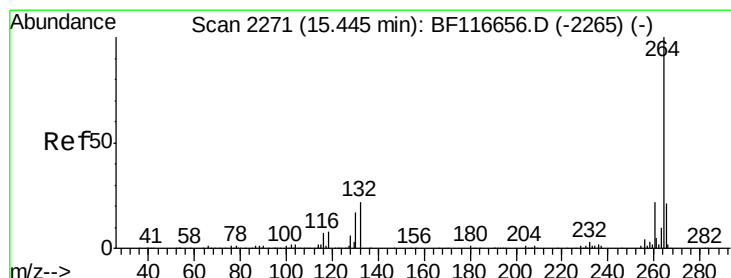
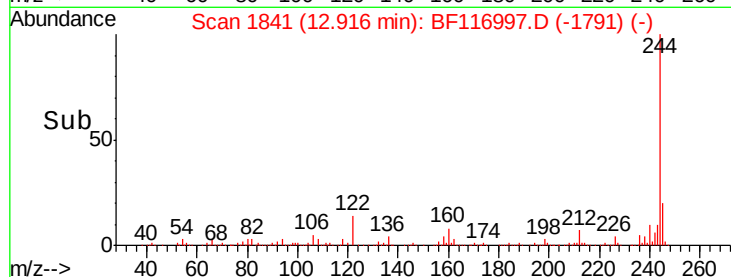
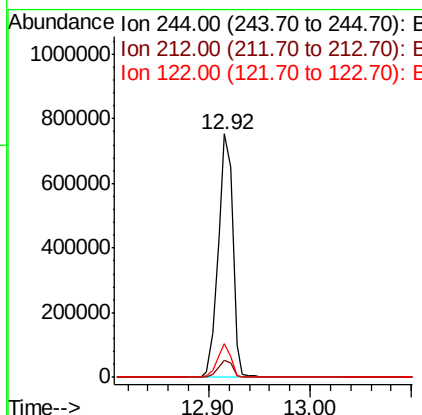
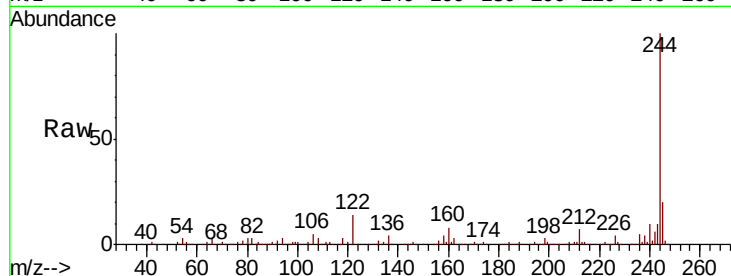




#79
 Terphenyl-d14
 Concen: 103.121 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF116997.D
 Acq: 12 Sep 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 P66-LINDEN-GEN-SP

Tot Ion:244 Resp: 750307
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 13.7 11.5 17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF116997.D
 Acq: 12 Sep 2019 17:36

Tgt Ion:264 Resp: 144486
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 21.1 17.9 26.9

