

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116280.D
 Acq On : 15 Aug 2019 15:41
 Operator : HP/JU
 Sample : K4340-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-2

Quant Time: Aug 16 03:51:21 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

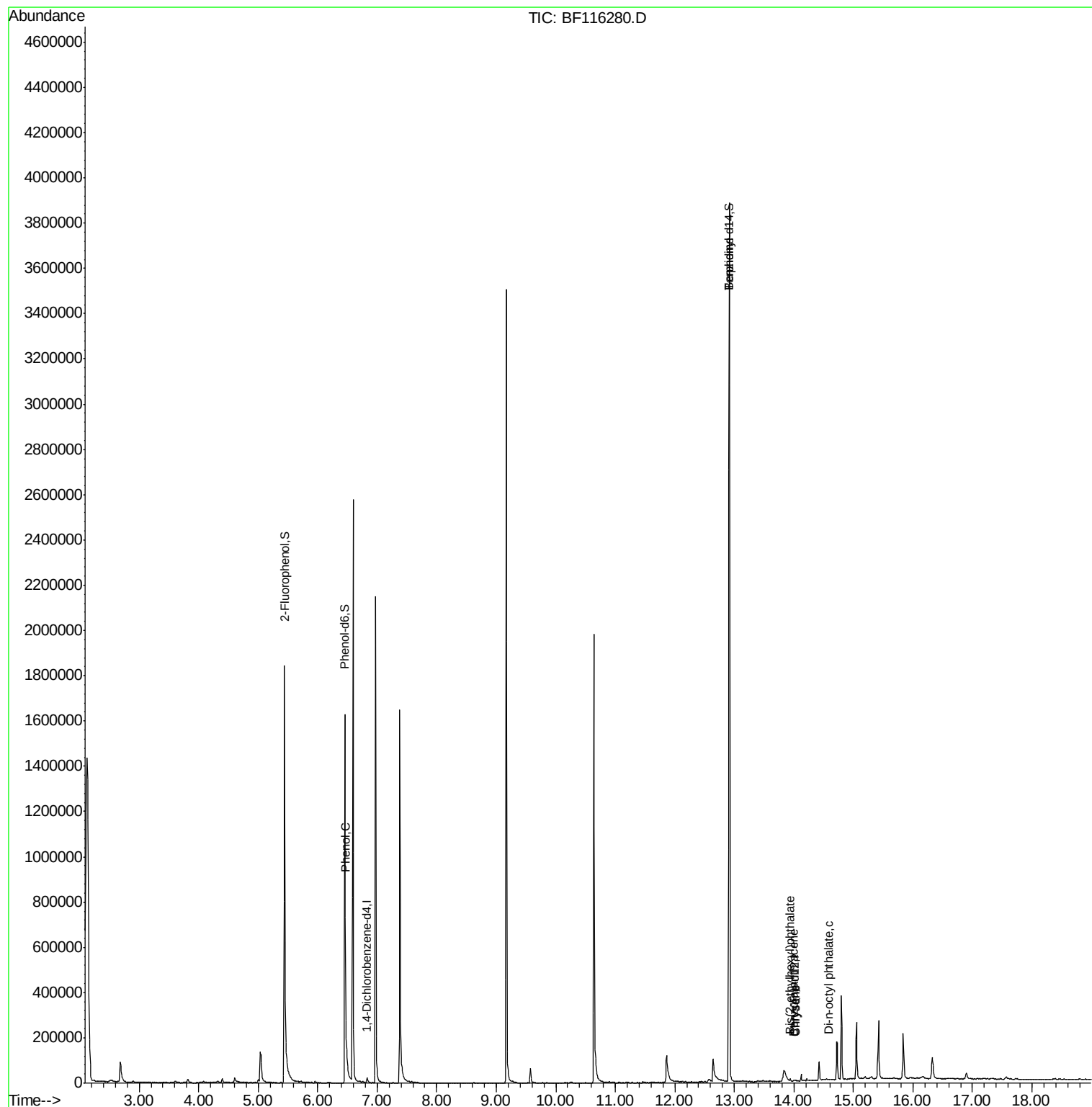
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	5403	20.00	ng	-0.02
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.37
76) Chrysene-d12	14.01	240	1840	20.00	ng	0.00
87) Perylene-d12	0.00	264	0	0.00	ng	-15.47
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	679609	2105.70	ng	-0.03
7) Phenol-d6	6.46	99	790449	1941.16	ng	-0.03
23) Nitrobenzene-d5	7.38	82	611052	0.00	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	282772	0.00	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1076467	0.00	ng	-0.04
79) Terphenyl-d14	12.92	244	1453546	16645.99	ng	-0.04
Target Compounds						
10) Phenol	6.47	94	7611	15.872	ng	# 6
77) Benzidine	12.92	184	19647	316.056	ng	# 93
81) Benzo(a)anthracene	14.00	228	1138	9.676	ng	# 50
83) Chrysene	14.03	228	2414	21.143	ng	# 92
84) Bis(2-ethylhexyl)phthalate	13.94	149	2678	35.124	ng	# 96
85) Di-n-octyl phthalate	14.59	149	287	2.370	ng	# 77

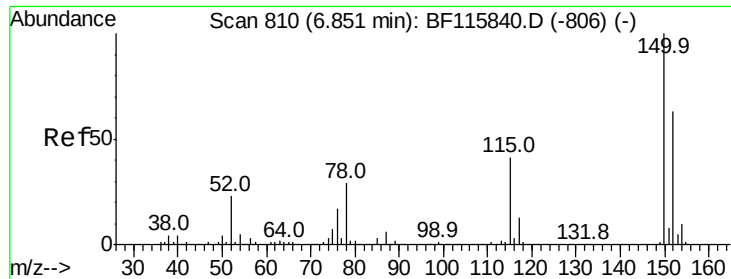
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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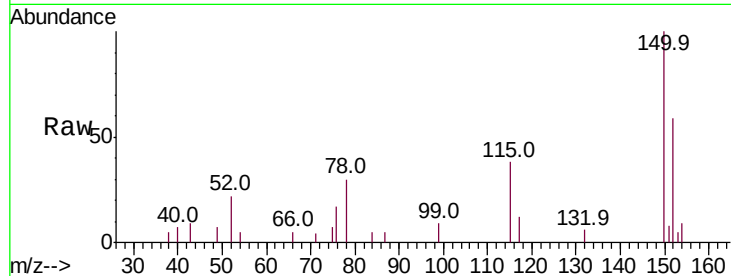


#1

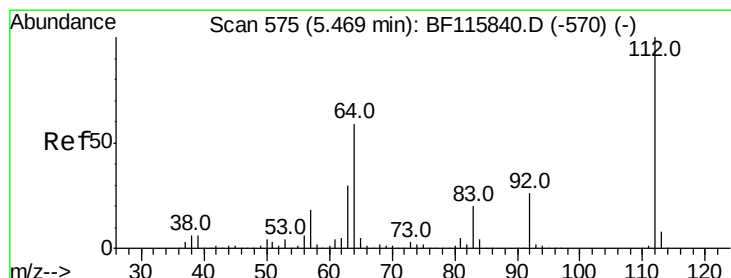
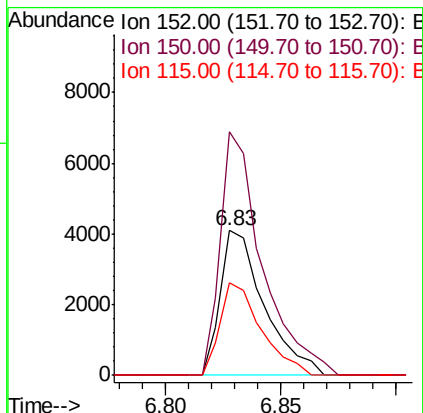
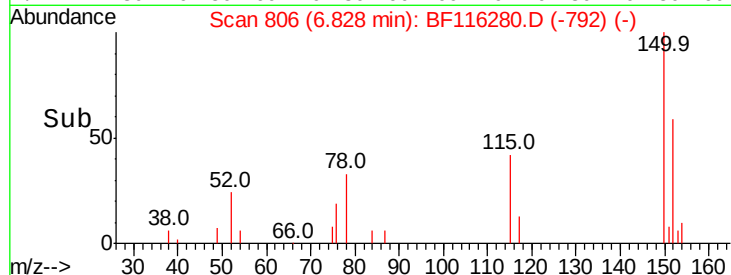
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF116280.D
Acq: 15 Aug 2019 15:41

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.5	126.2	189.2
115	63.8	49.9	74.9



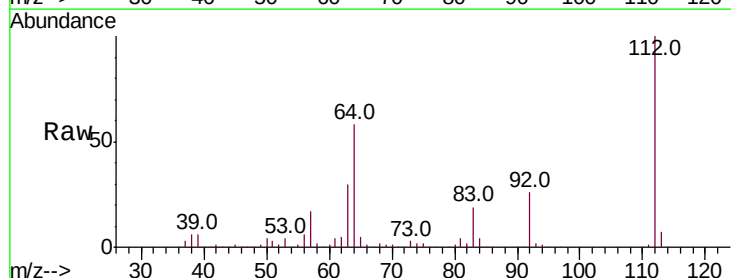
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



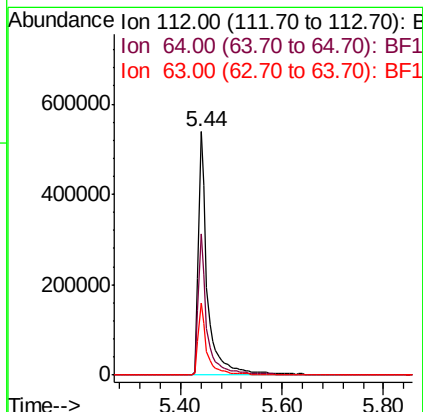
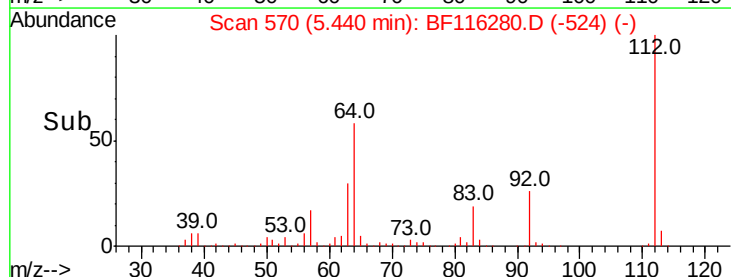
#5

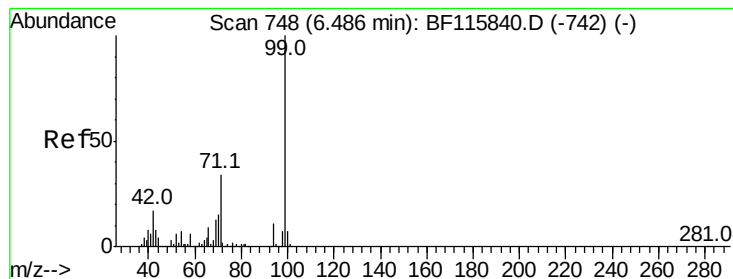
2-Fluorophenol
Concen: 2105.696 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116280.D
Acq: 15 Aug 2019 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.4	68.2
63	29.7	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: 1941.165 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116280.D

Acq: 15 Aug 2019 15:41

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-2

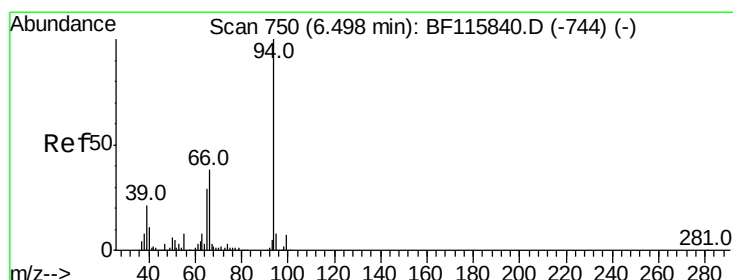
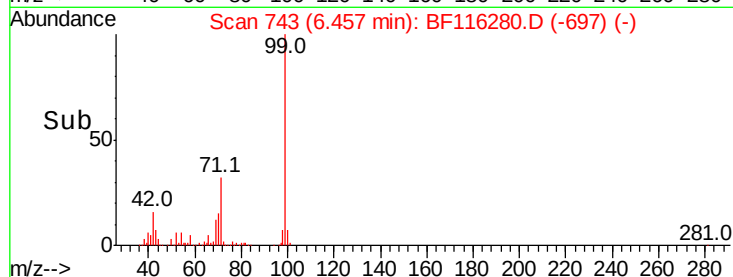
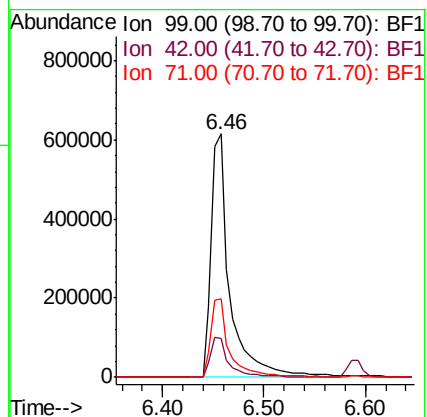
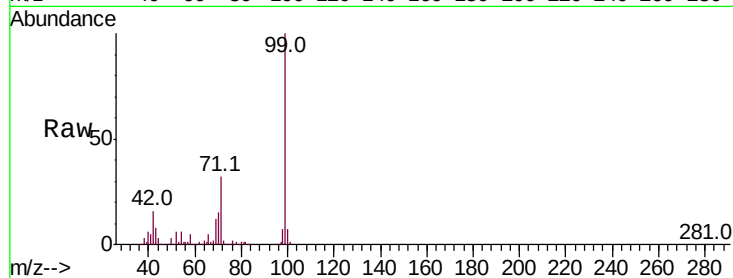
Tot Ion: 99 Resp: 790449

Ion Ratio Lower Upper

99 100

42 16.0 13.8 20.8

71 32.0 27.3 40.9



#10

Phenol

Concen: 15.872 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF116280.D

Acq: 15 Aug 2019 15:41

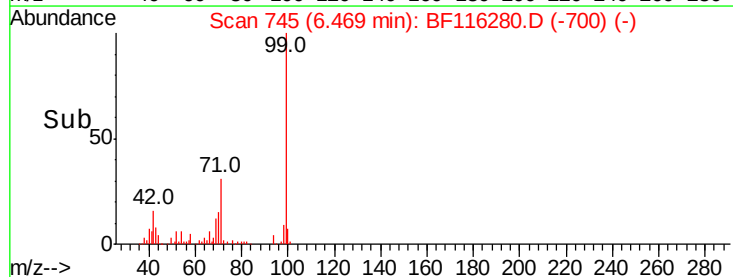
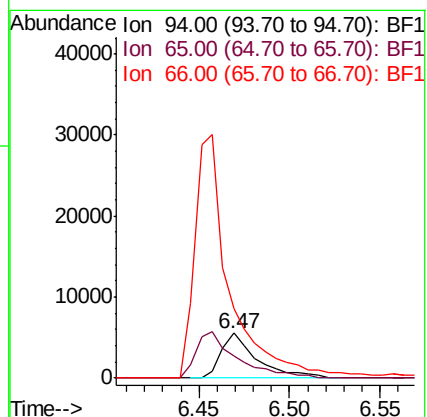
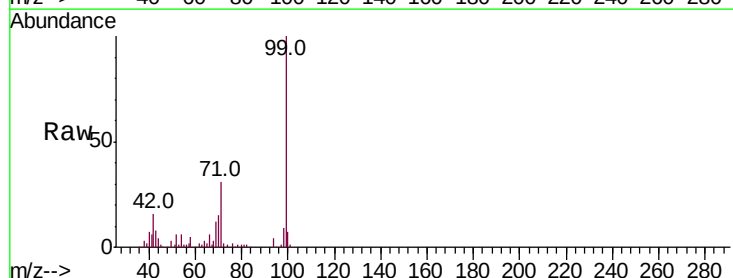
Tgt Ion: 94 Resp: 7611

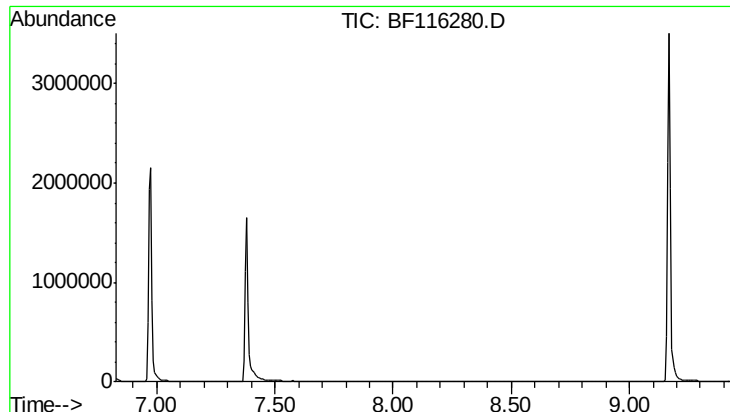
Ion Ratio Lower Upper

94 100

65 50.9 16.8 56.8

66 156.1 34.2 74.2#

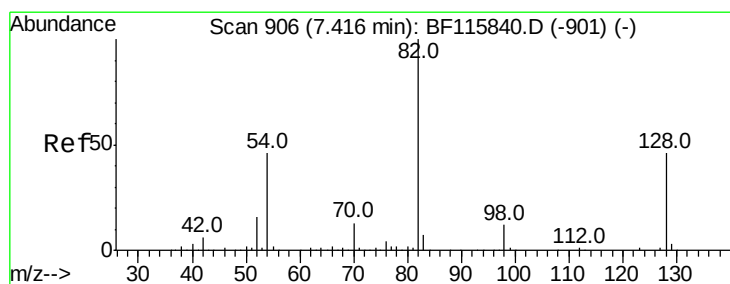
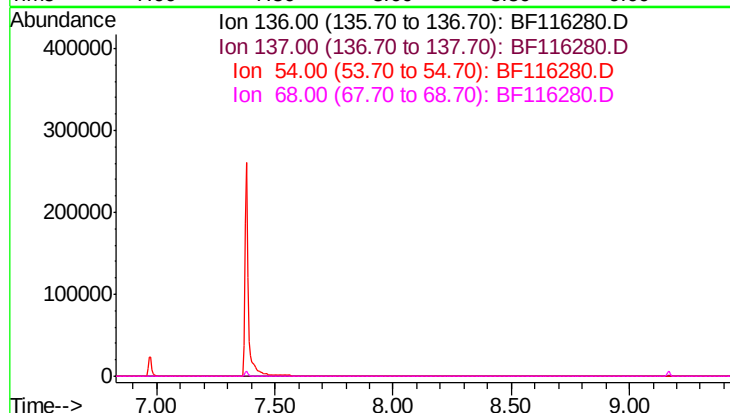




#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.13 min
Lab File: BF116280.D
Acq: 15 Aug 2019 15:41

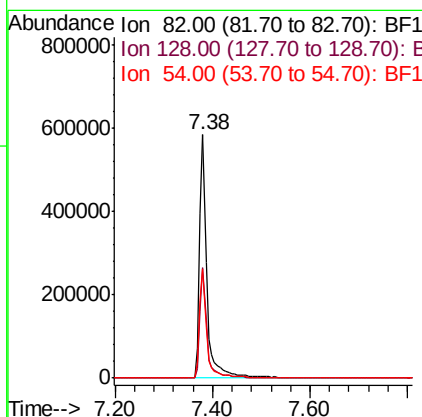
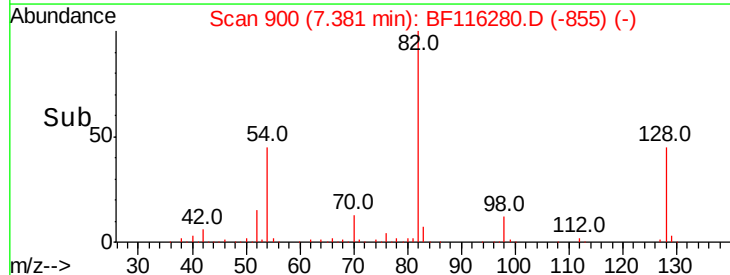
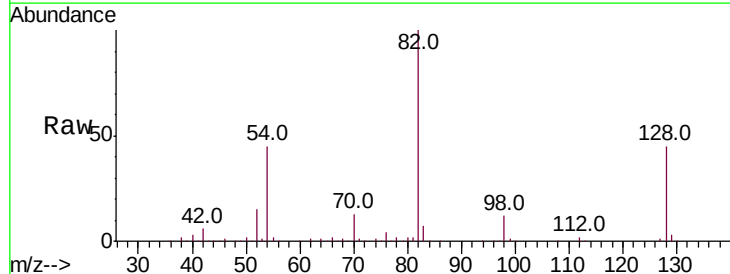
Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-2

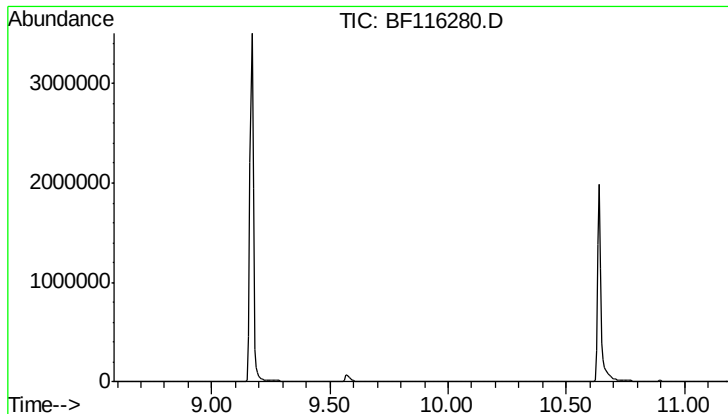
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.2
54 7.2
68 6.5



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116280.D
Acq: 15 Aug 2019 15:41

Tgt Ion: 82 Resp: 611052
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 44.6 36.0 54.0

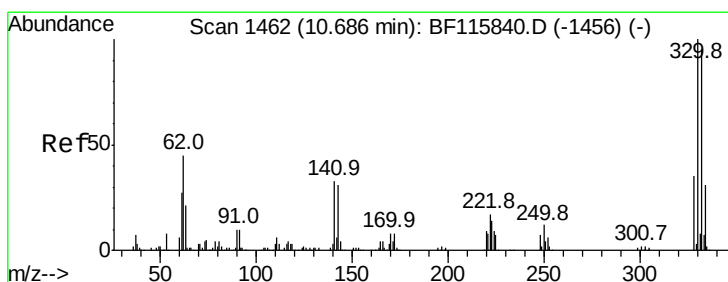
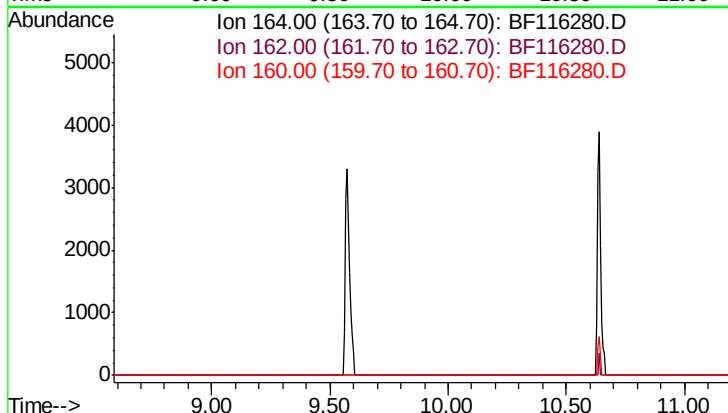




#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF116280.D
 Acq: 15 Aug 2019 15:41

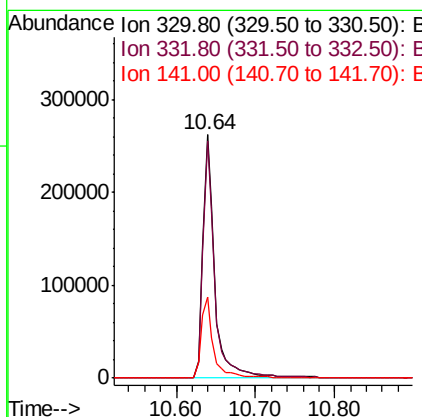
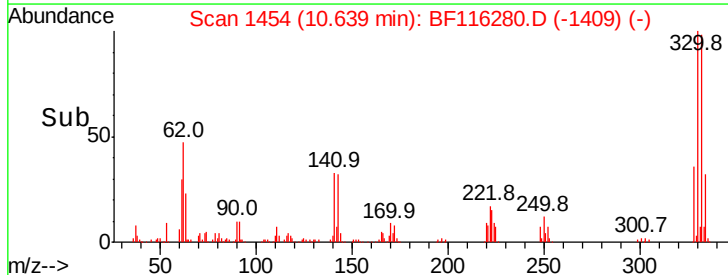
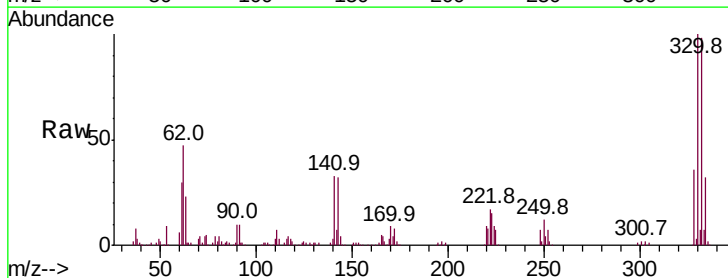
Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-2

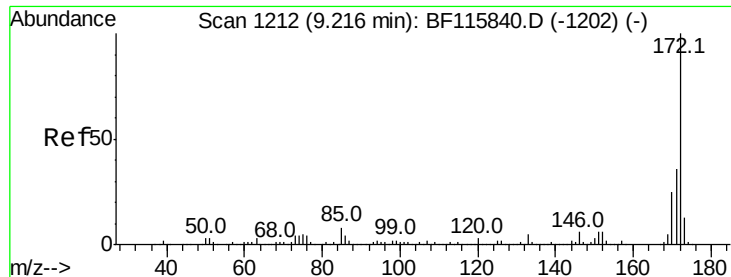
Tot Ion: 164
 Sig Exp Ratio
 164 100
 162 103.3
 160 47.0



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116280.D
 Acq: 15 Aug 2019 15:41

Tgt Ion: 330 Resp: 282772
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 34.7 26.3 39.5



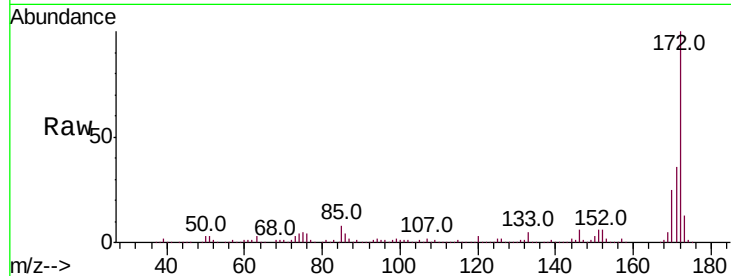


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116280.D
 Acq: 15 Aug 2019 15:41

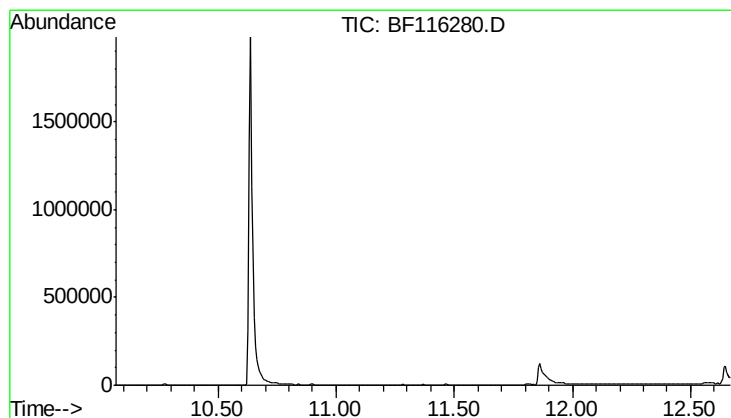
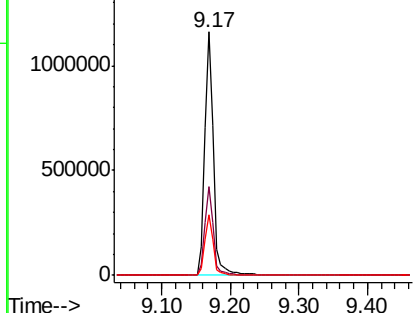
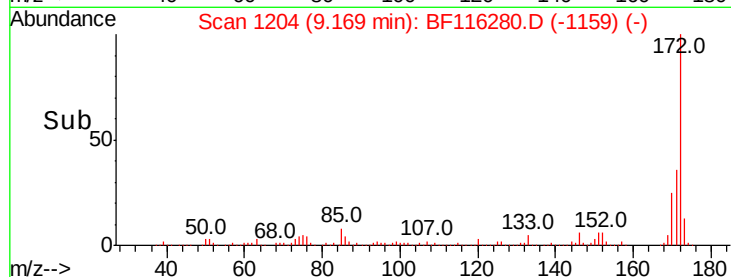
Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-2

Tot Ion:172 Resp: 1076467

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.7	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

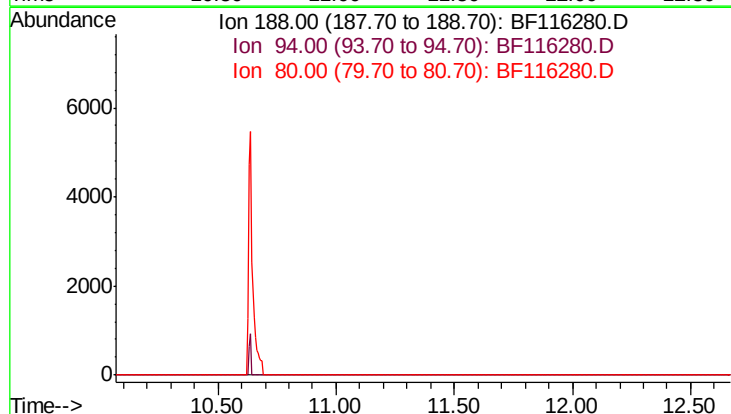


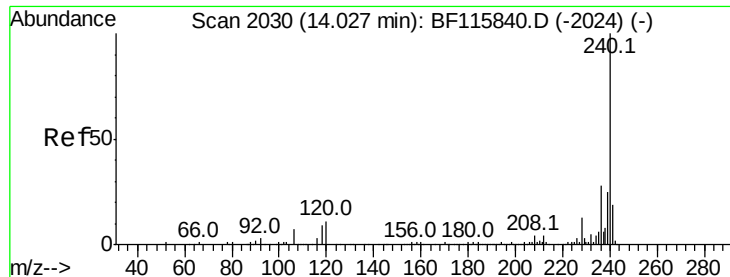
#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.37 min

Lab File: BF116280.D
 Acq: 15 Aug 2019 15:41

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	10.1
80	10.9

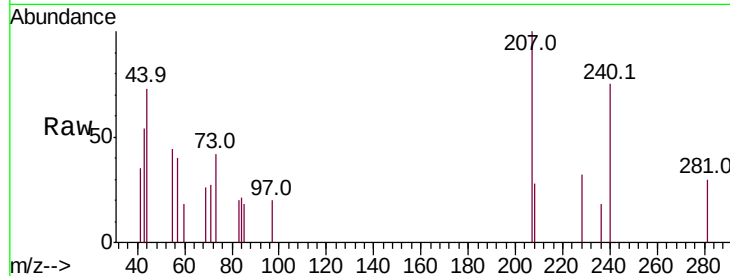




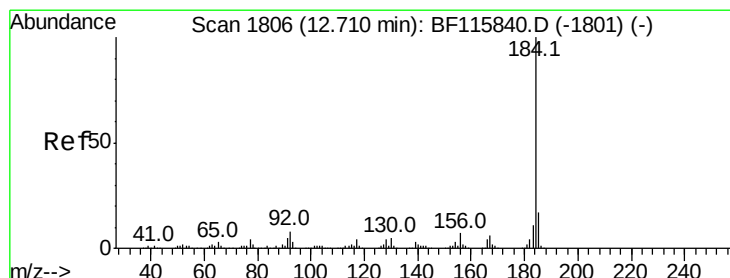
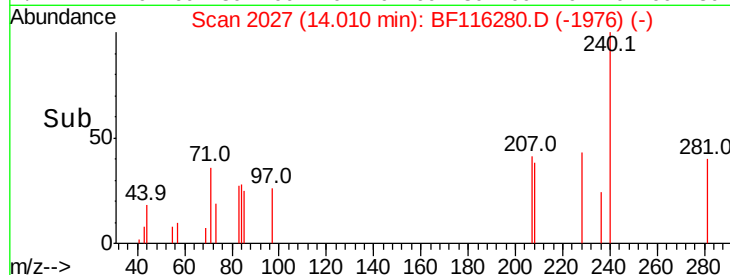
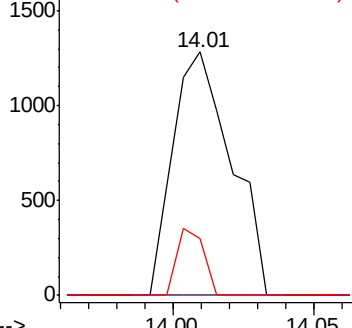
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF116280.D
Acq: 15 Aug 2019 15:41

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-2

Tot Ion:240 Resp: 1840
Ion Ratio Lower Upper
240 100
120 0.0 10.7 16.1#
236 23.5 22.2 33.2

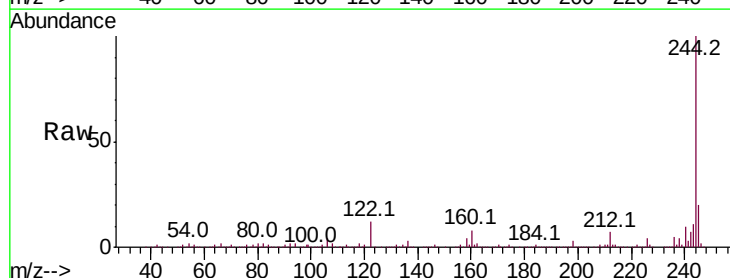


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

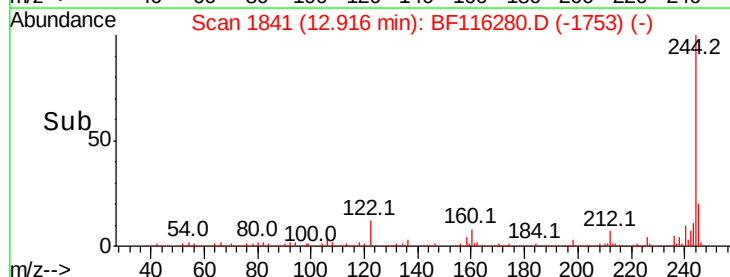
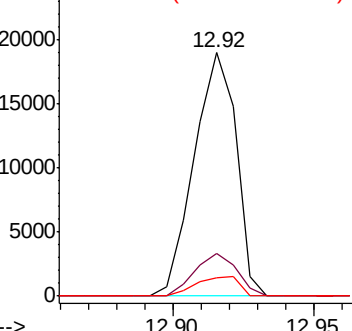


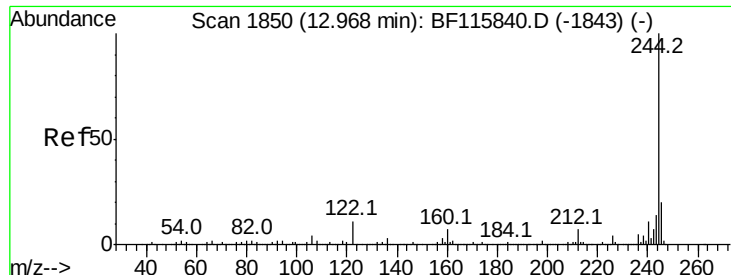
#77
Benzidine
Concen: 316.056 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.22 min
Lab File: BF116280.D
Acq: 15 Aug 2019 15:41

Tgt Ion:184 Resp: 19647
Ion Ratio Lower Upper
184 100
185 17.7 12.8 19.2
183 7.7 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 16645.987 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116280.D

Acq: 15 Aug 2019 15:41

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-2

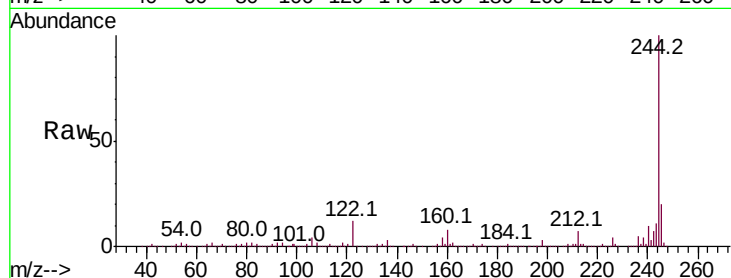
Tot Ion:244 Resp: 1453546

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

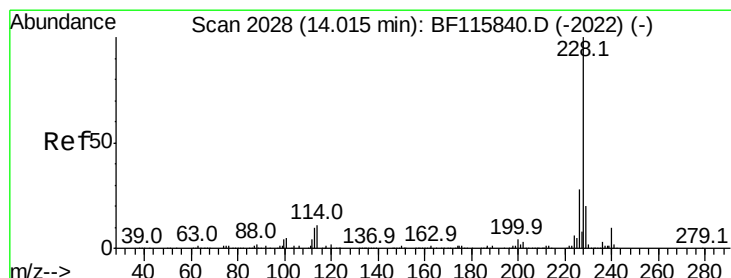
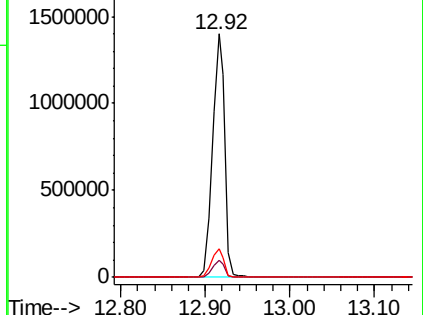
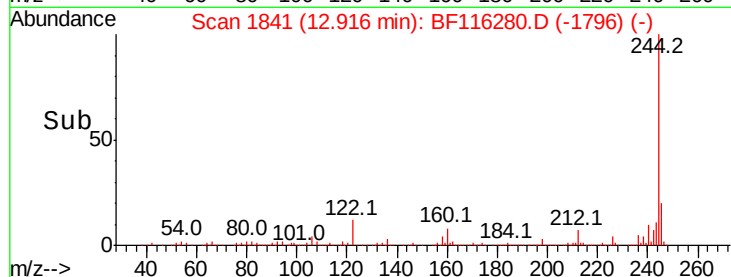
122 11.9 9.0 13.4



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



#81

Benzo(a)anthracene

Concen: 9.676 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116280.D

Acq: 15 Aug 2019 15:41

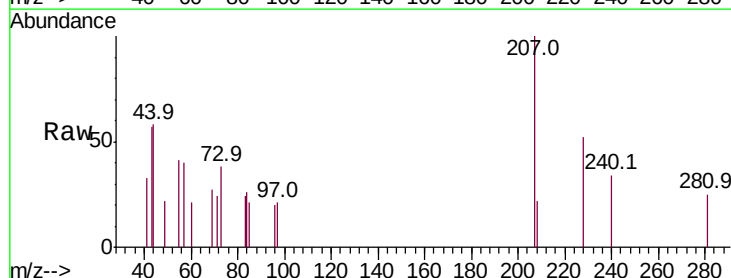
Tgt Ion:228 Resp: 1138

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

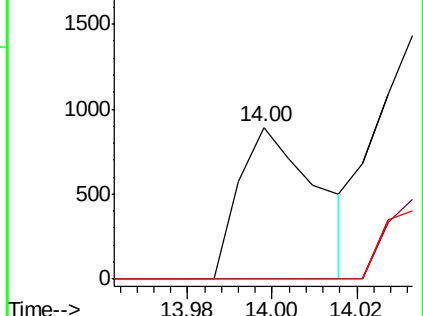
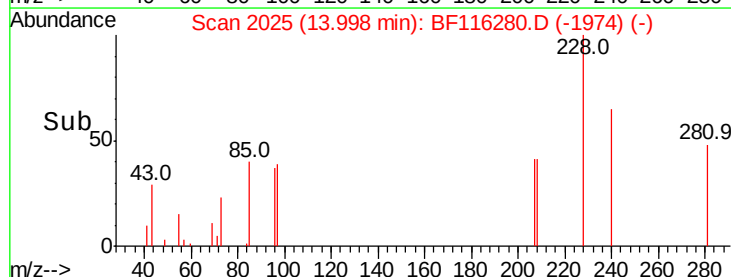
229 0.0 16.2 24.4#

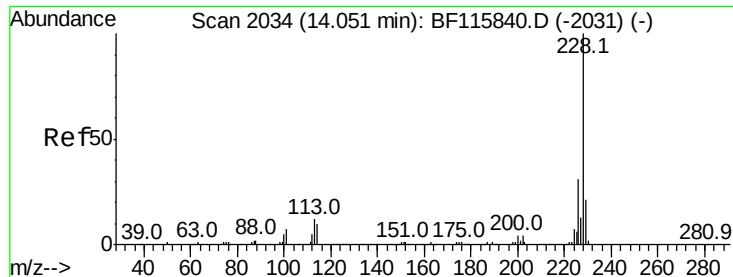


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

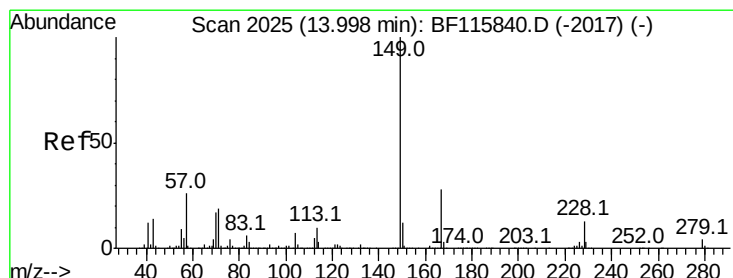
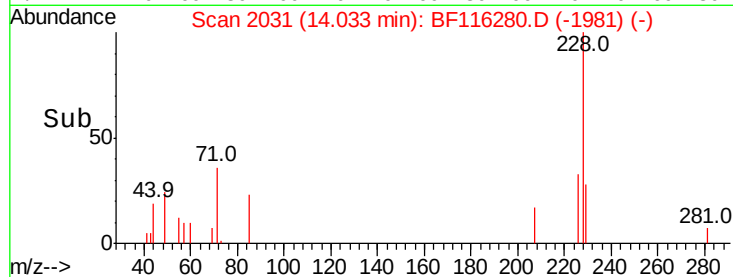
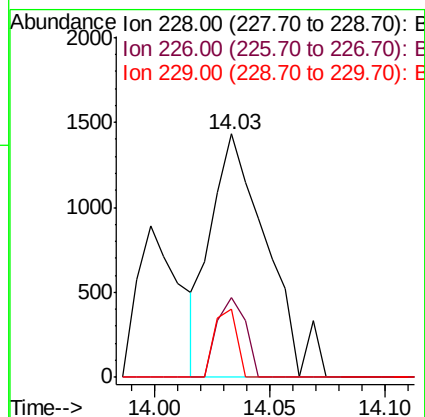
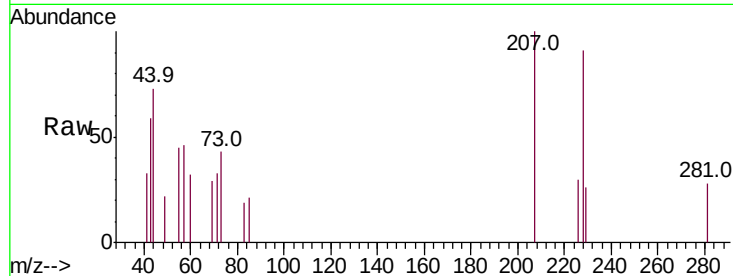




#83
 Chrysene
 Concen: 21.143 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116280.D
 Acq: 15 Aug 2019 15:41

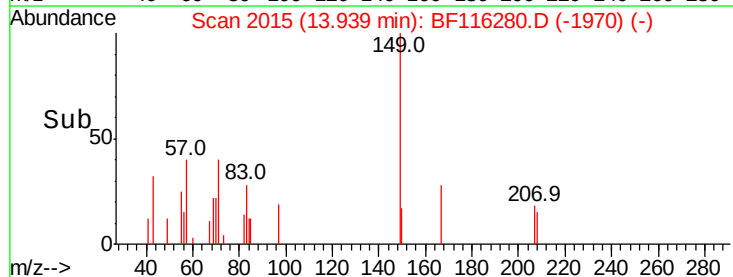
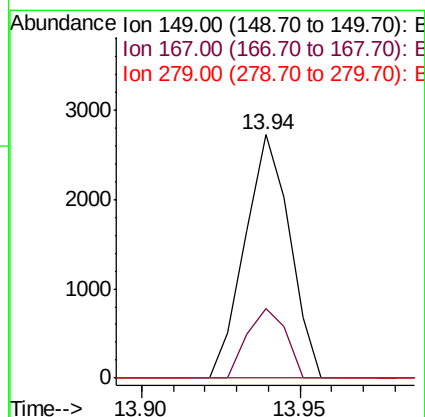
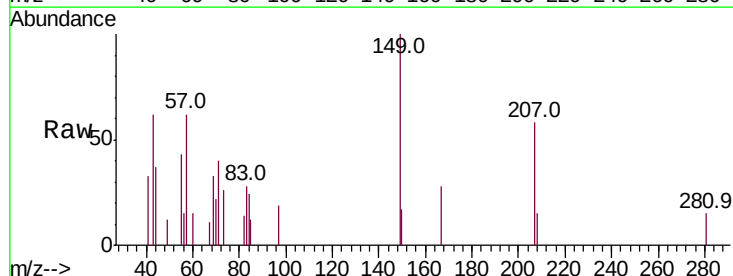
Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-2

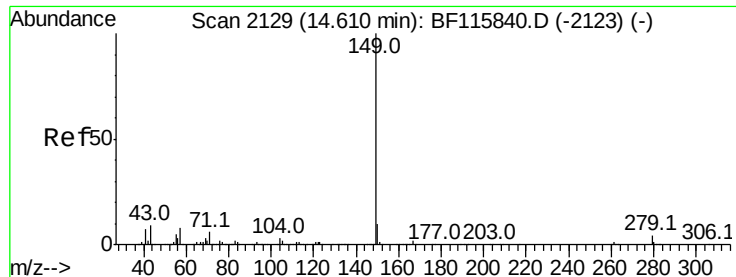
Tot Ion:228 Resp: 2414
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.5 38.3
 229 28.3 16.6 24.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.124 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.04 min
 Lab File: BF116280.D
 Acq: 15 Aug 2019 15:41

Tgt Ion:149 Resp: 2678
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.6 32.4
 279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 2.370 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF116280.D

Acq: 15 Aug 2019 15:41

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-2

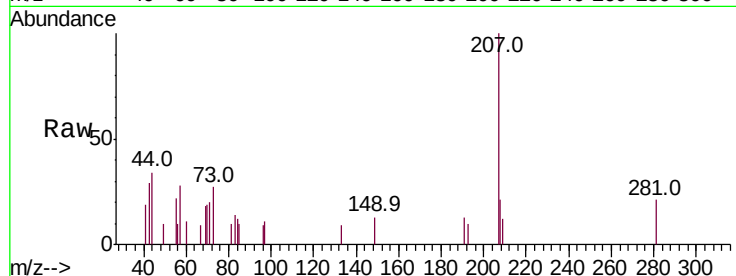
Tot Ion: 149 Resp: 287

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

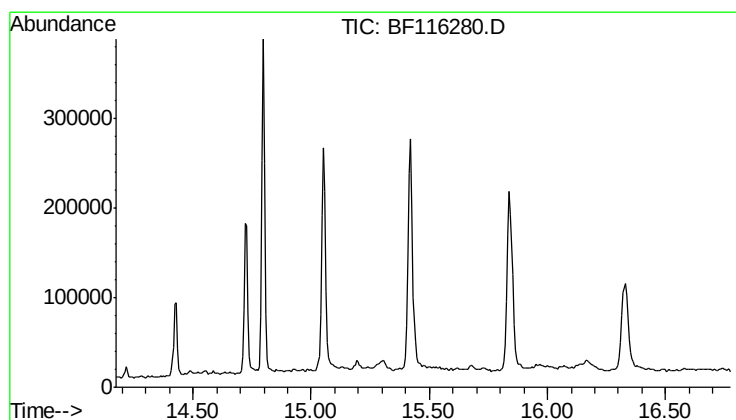
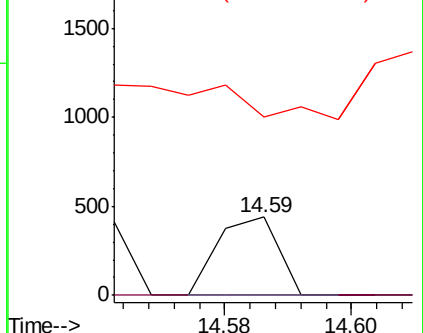
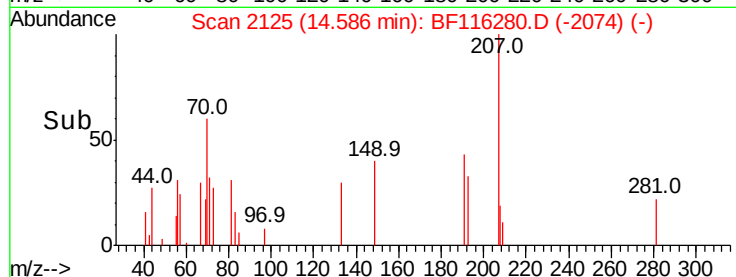
43 0.0 7.5 11.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 15.47 min

Lab File: BF116280.D

Acq: 15 Aug 2019 15:41

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.6

265 21.7

