

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116247.D
 Acq On : 13 Aug 2019 23:02
 Operator : HP/JU
 Sample : K4227-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 14 01:51:26 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	130064	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	512978	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	278612	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	509796	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	398732	20.00	ng	0.00
87) Perylene-d12	15.47	264	342383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	907851	116.85	ng	0.00
7) Phenol-d6	6.47	99	1085082	110.70	ng	-0.01
23) Nitrobenzene-d5	7.40	82	818770	92.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	379451	140.47	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1404318	94.41	ng	-0.02
79) Terphenyl-d14	12.94	244	1729068	91.38	ng	-0.01

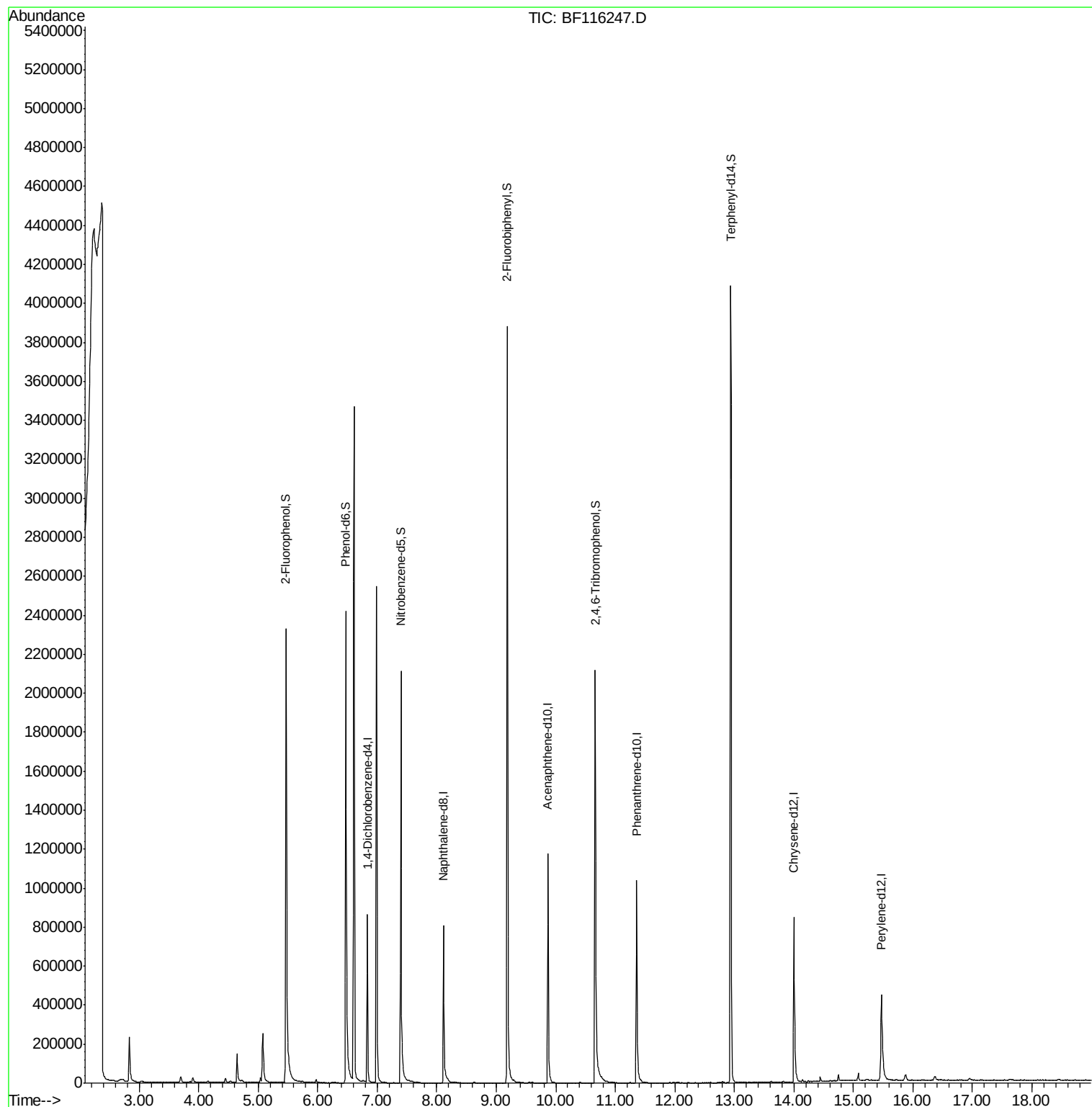
Target Compounds	Qvalue
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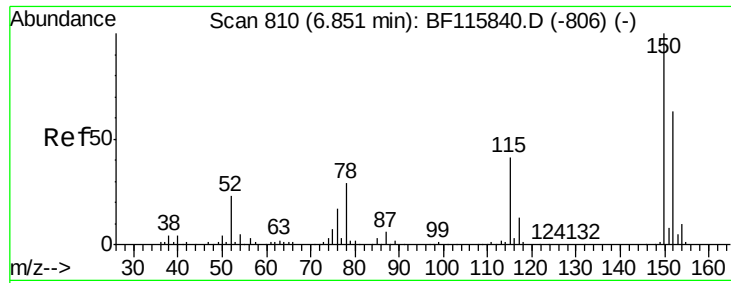
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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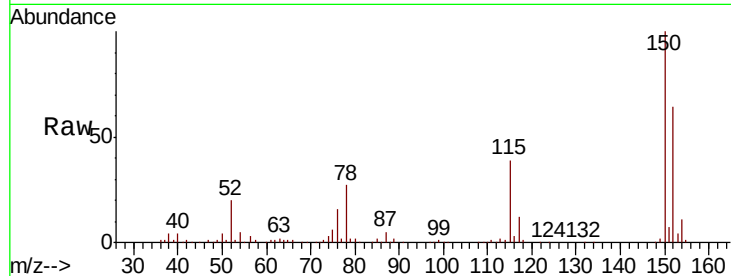


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	60.3	49.9	74.9

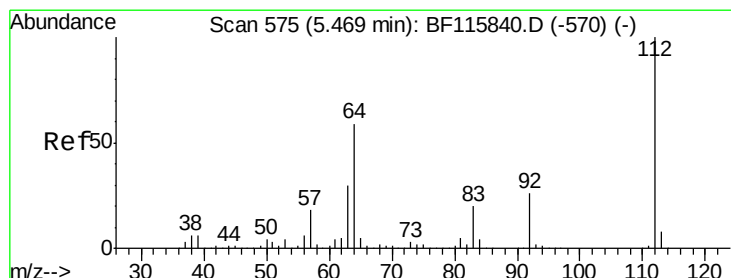
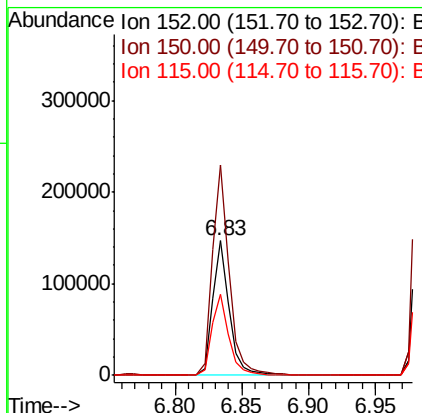
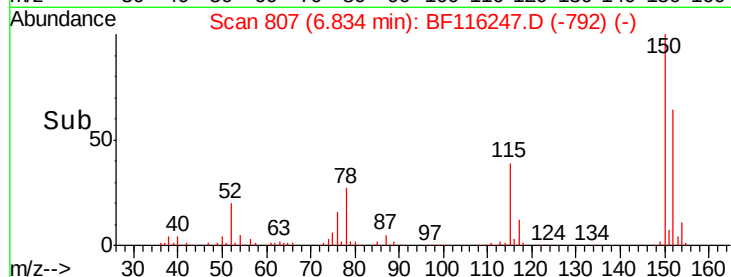


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

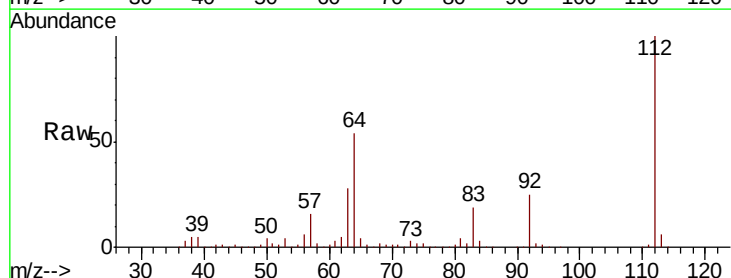
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 116.850 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.4	68.2
63	28.5	23.7	35.5

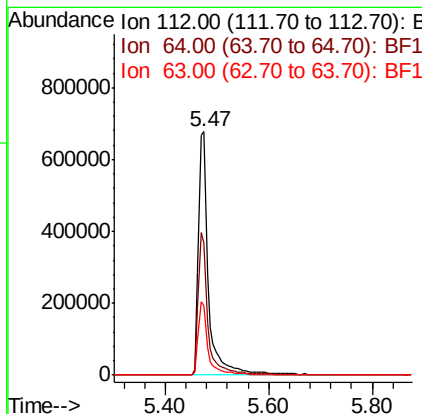
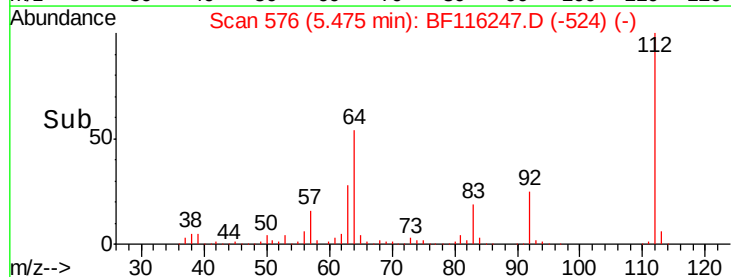


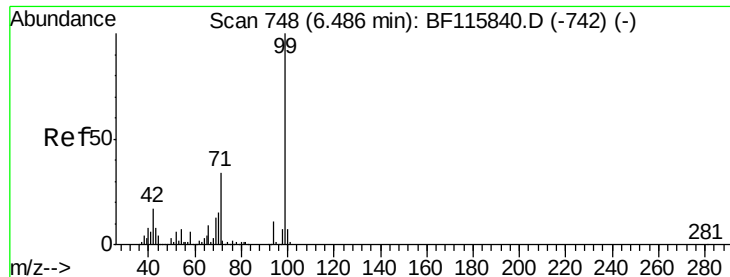
Abundance

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: 110.695 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

Instrument :

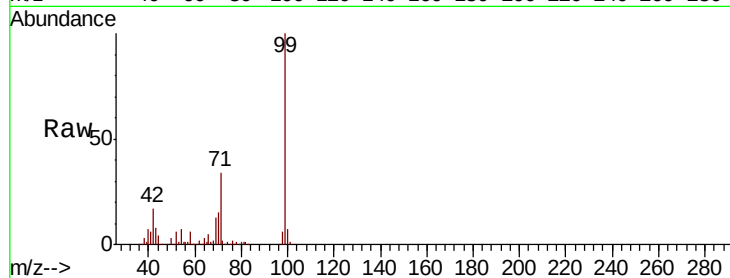
BNA_F

ClientSampleId :

1S-J(0-1)-COMP

Tot Ion: 99 Resp: 1085082

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	34.2	27.3	40.9

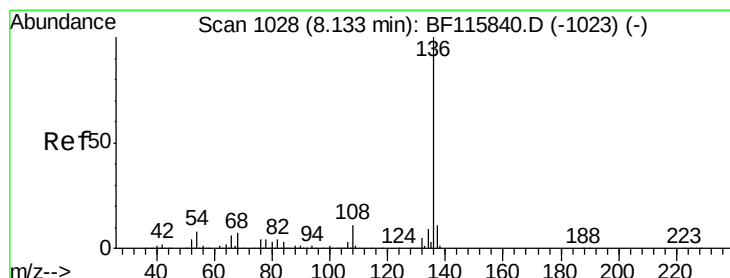
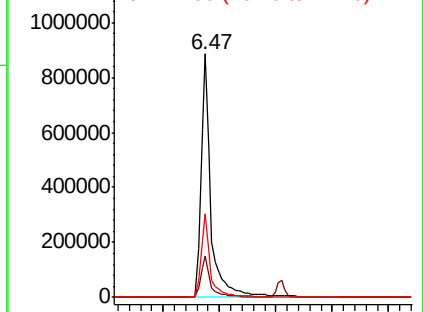
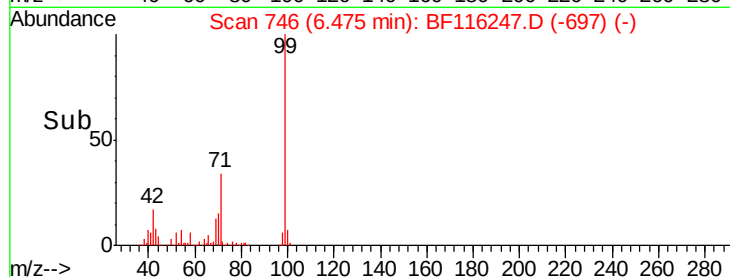


Abundance

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: 8.12 min Scan# 1025

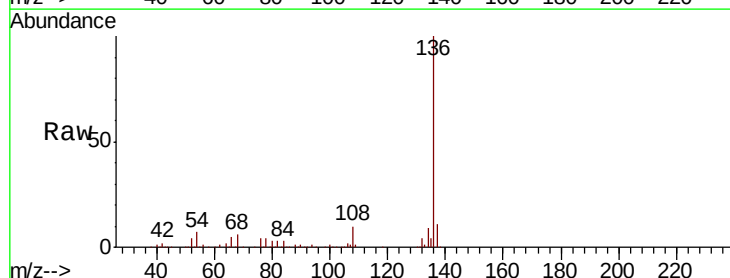
Delta R.T. -0.01 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

Tgt Ion: 136 Resp: 512978

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.8	8.6
68	5.9	5.2	7.8



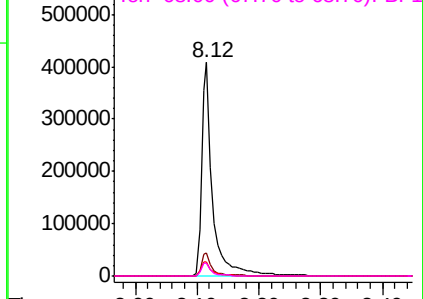
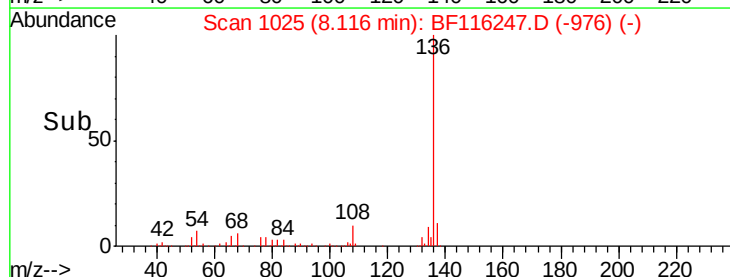
Abundance

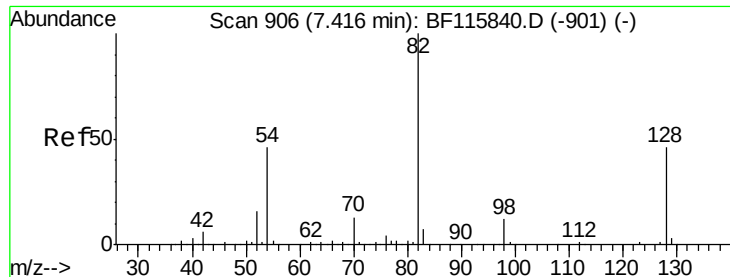
Ion 136.00 (135.70 to 136.70): E

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

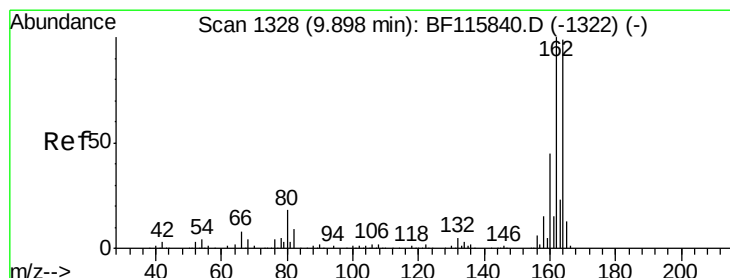
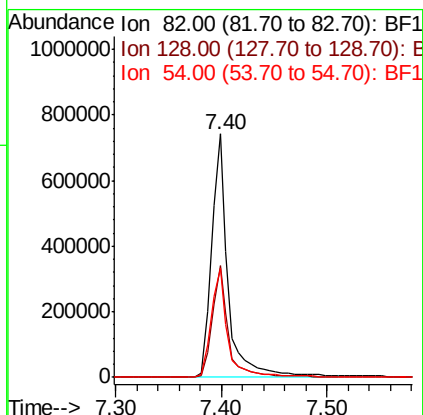
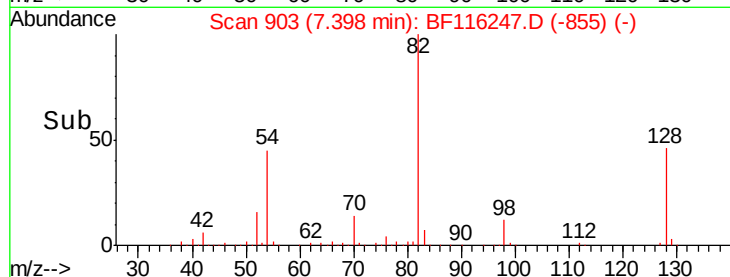
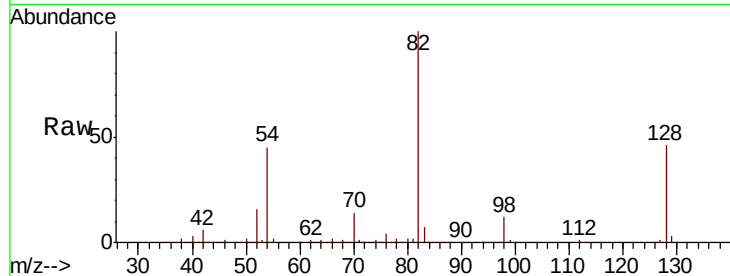




#23
 Nitrobenzene-d5
 Concen: 92.132 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

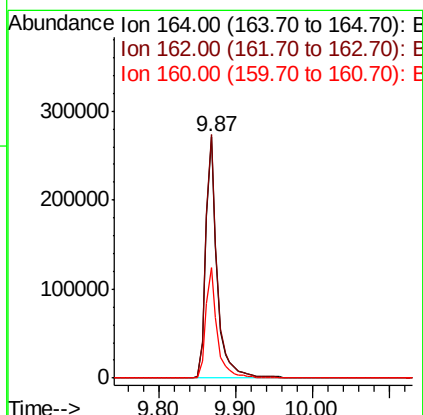
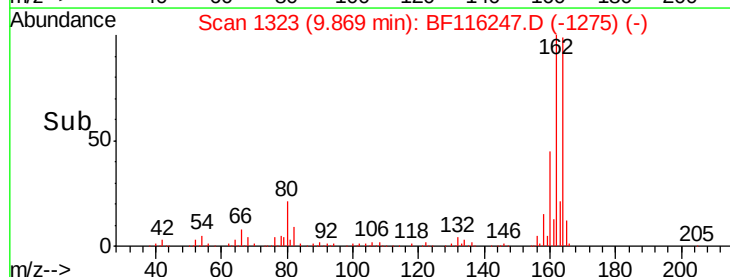
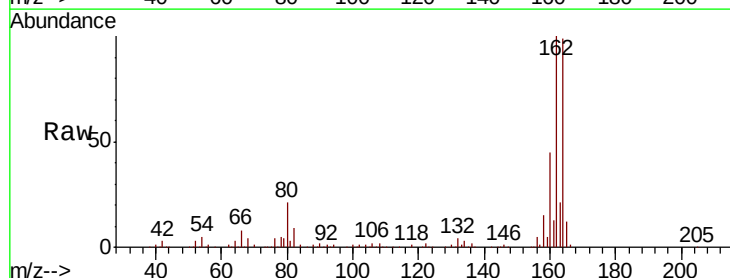
Instrument :
 BNA_F
 ClientSampleId :
 1S-J-(0-1)-COMP

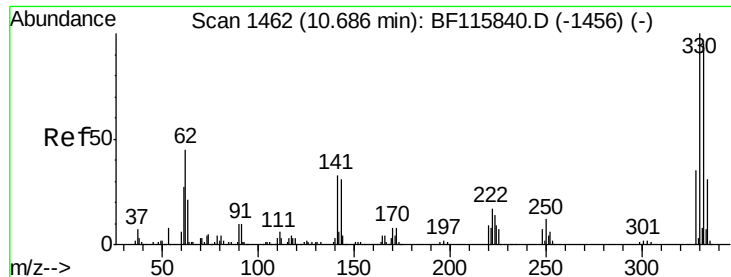
Tot Ion: 82 Resp: 818770
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 45.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

Tgt Ion: 164 Resp: 278612
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 124.0
 160 45.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 140.474 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

Instrument :

BNA_F

ClientSampleId :

1S-J-(0-1)-COMP

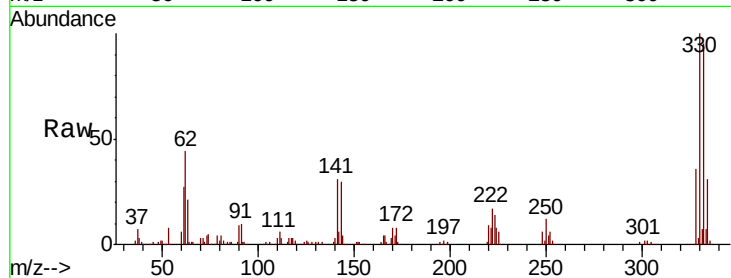
Tot Ion:330 Resp: 379451

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

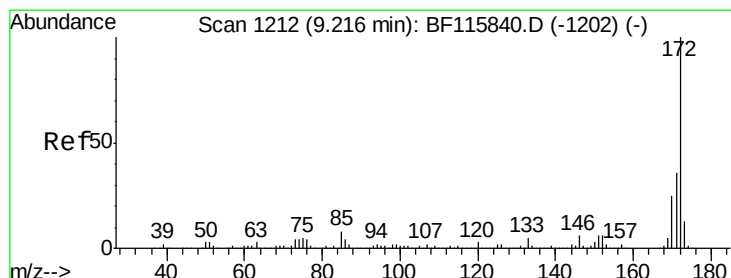
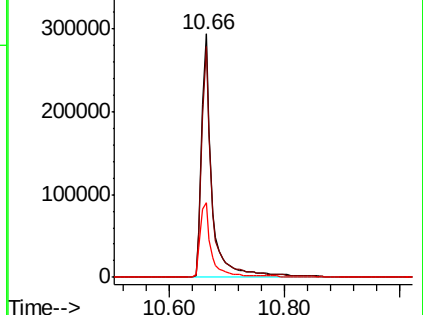
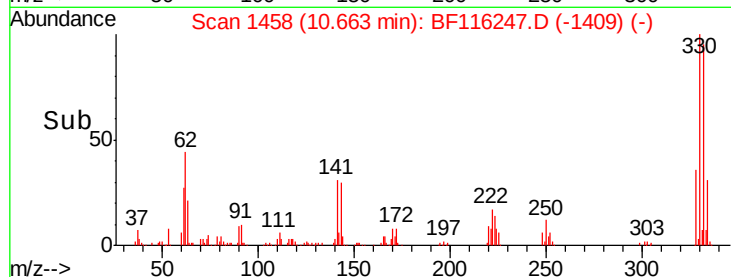
141 34.0 26.3 39.5



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: 94.411 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

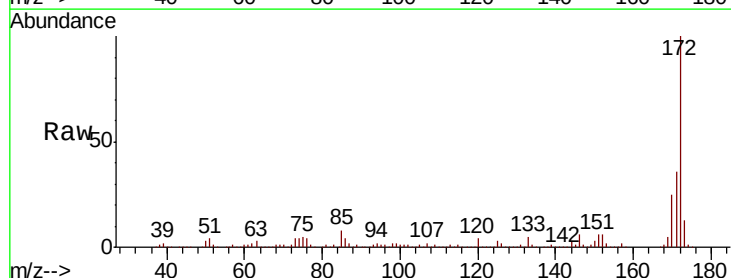
Tgt Ion:172 Resp: 1404318

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

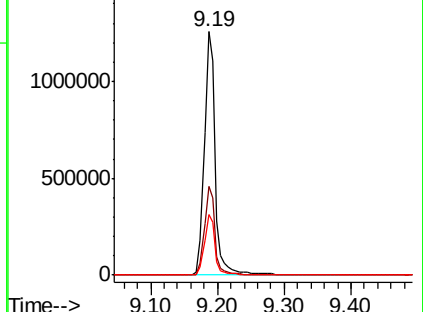
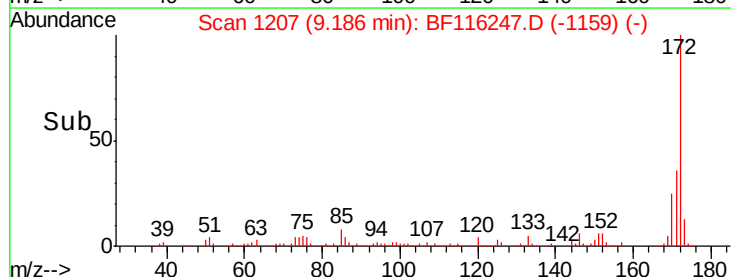
170 24.9 20.1 30.1

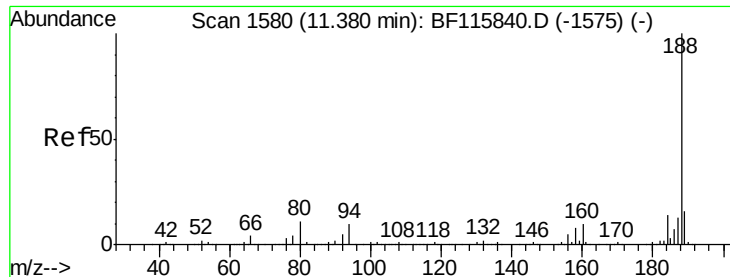


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

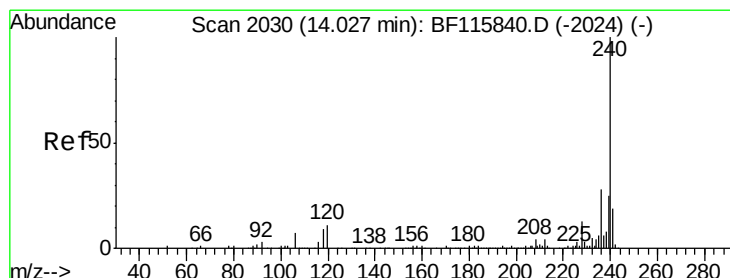
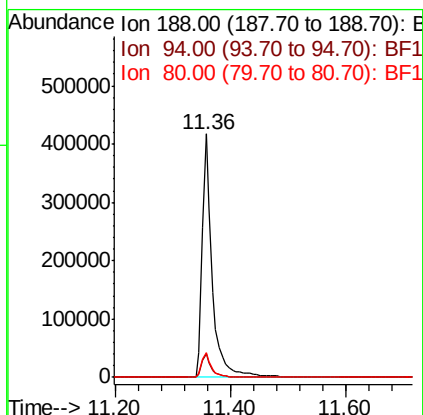
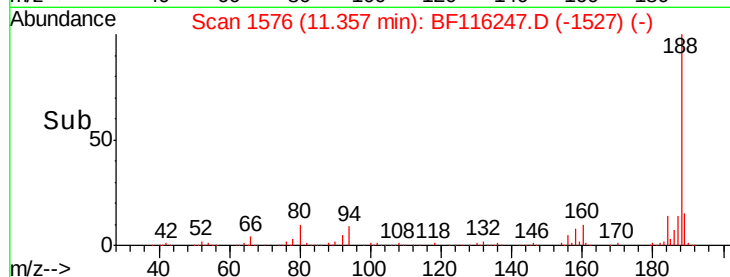
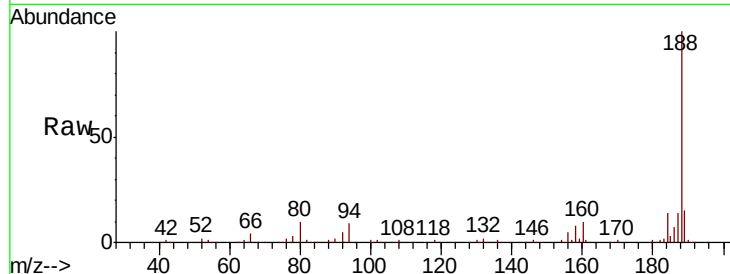




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116247.D
Acq: 13 Aug 2019 23:02

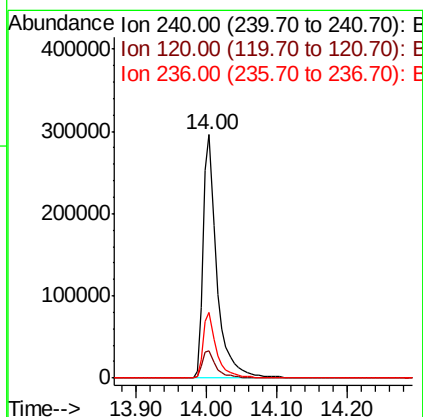
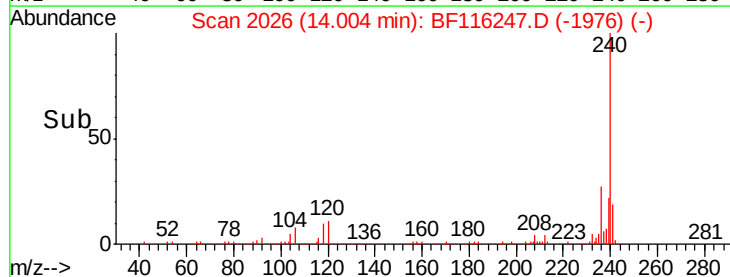
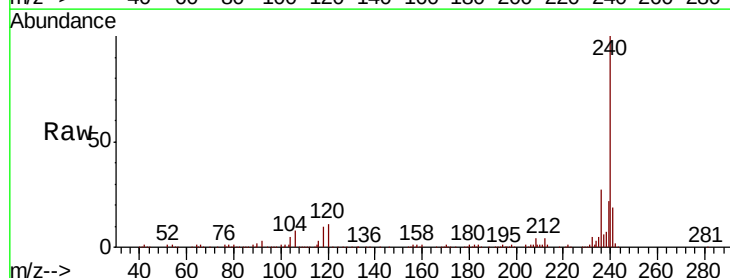
Instrument :
BNA_F
ClientSampleId :
1S-J-(0-1)-COMP

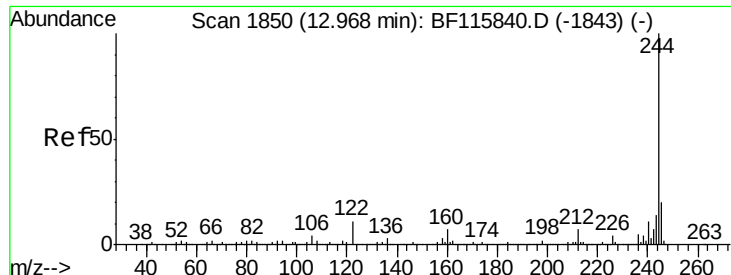
Tot Ion:188 Resp: 509796
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 10.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116247.D
Acq: 13 Aug 2019 23:02

Tgt Ion:240 Resp: 398732
Ion Ratio Lower Upper
240 100
120 11.1 10.7 16.1
236 27.0 22.2 33.2





#79

Terphenyl-d14

Concen: 91.375 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

Instrument :

BNA_F

ClientSampleId :

1S-J-(0-1)-COMP

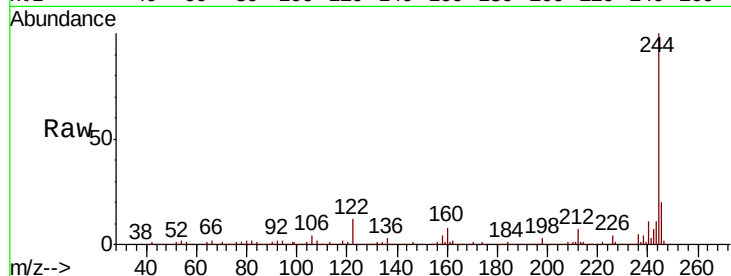
Tot Ion:244 Resp: 1729068

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

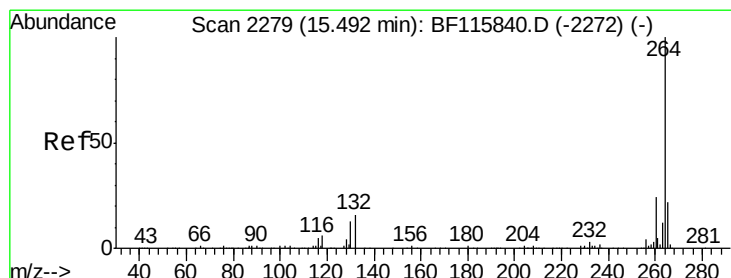
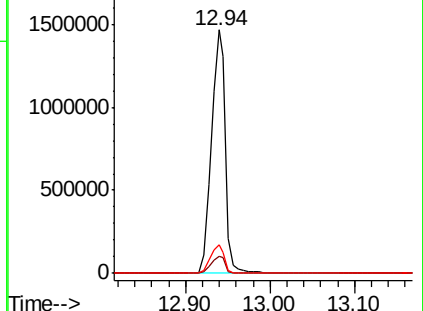
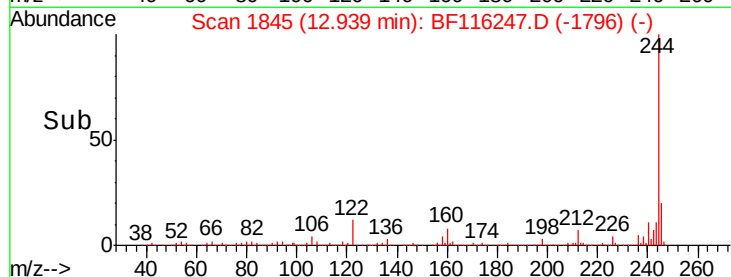
122 11.6 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

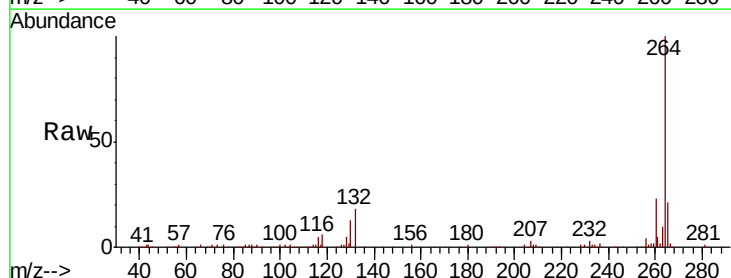
Tgt Ion:264 Resp: 342383

Ion Ratio Lower Upper

264 100

260 23.5 19.7 29.5

265 20.6 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

