

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116241.D
 Acq On : 13 Aug 2019 20:21
 Operator : HP/JU
 Sample : K4230-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-3A-(0-3)-COMP

Quant Time: Aug 14 01:21:24 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	139320	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	547637	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	296151	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	558477	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	435301	20.00	ng	0.00
87) Perylene-d12	15.47	264	370026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	993869	119.42	ng	0.00
7) Phenol-d6	6.47	99	1179494	112.33	ng	-0.01
23) Nitrobenzene-d5	7.40	82	934351	98.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	422402	147.11	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1507682	95.36	ng	-0.01
79) Terphenyl-d14	12.94	244	1850212	89.56	ng	0.00

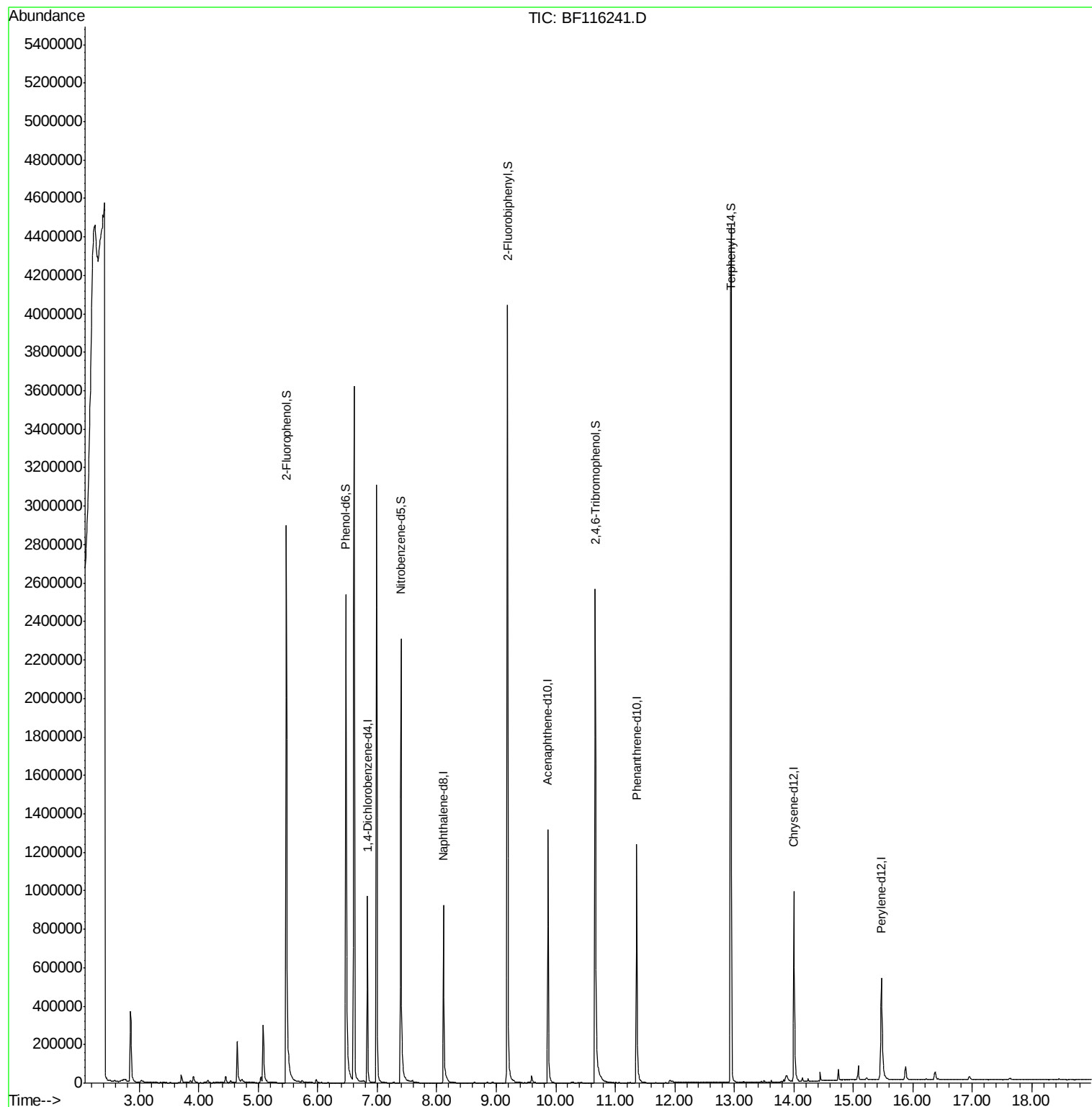
Target Compounds Qvalue

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

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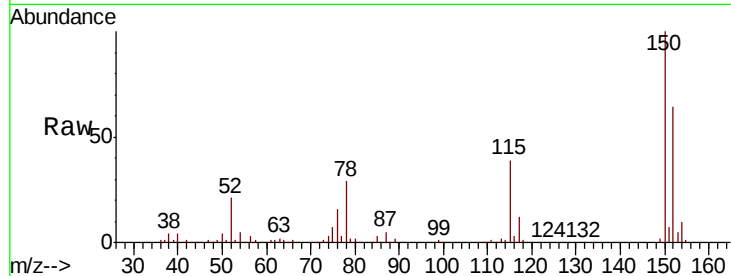


#1

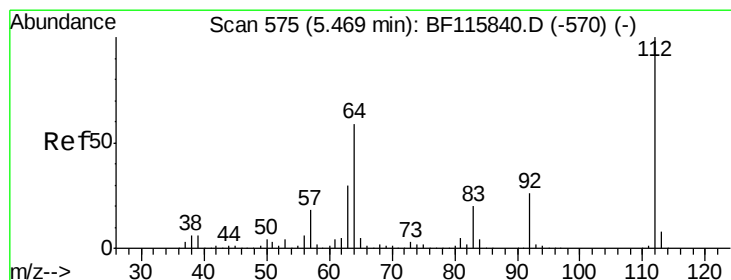
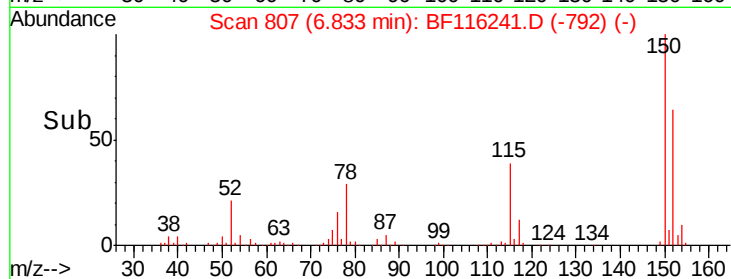
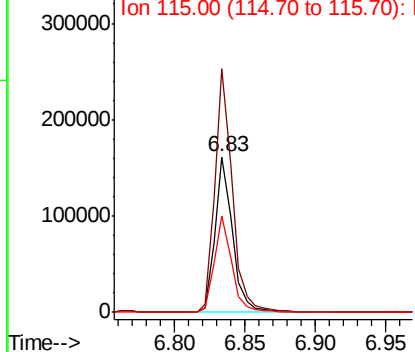
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116241.D
Acq: 13 Aug 2019 20:21

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tot Ion:152 Resp: 139320
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.6 49.9 74.9



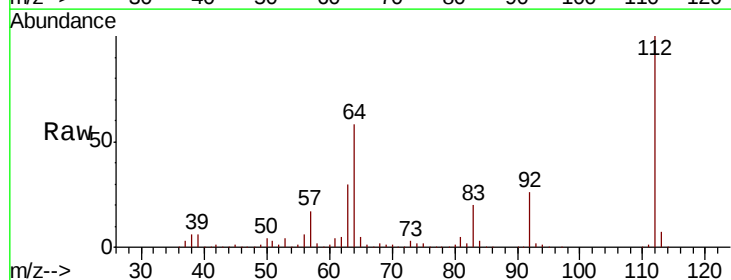
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



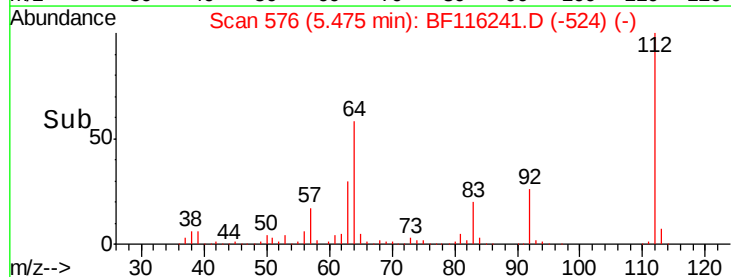
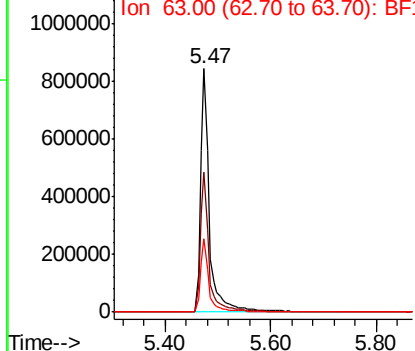
#5

2-Fluorophenol
Concen: 119.423 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116241.D
Acq: 13 Aug 2019 20:21

Tgt Ion:112 Resp: 993869
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.2
63 30.0 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: 112.333 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116241.D

Acq: 13 Aug 2019 20:21

Instrument :

BNA_F

ClientSampleId :

REACTOR-3A-(0-3)-COMP

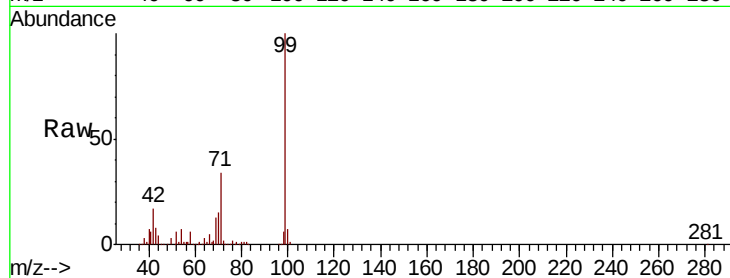
Tot Ion: 99 Resp: 1179494

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

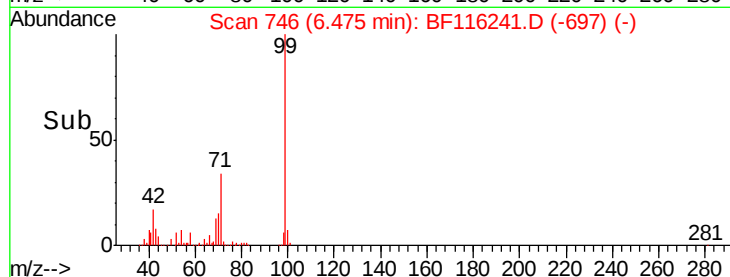
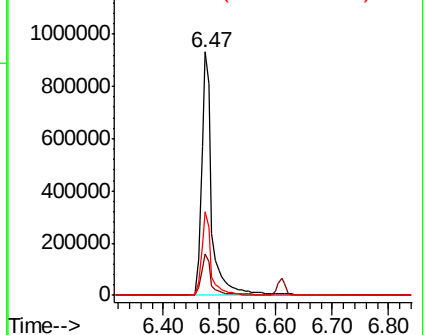
71 34.3 27.3 40.9



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: BF116241.D

Acq: 13 Aug 2019 20:21

Tgt Ion: 136 Resp: 547637

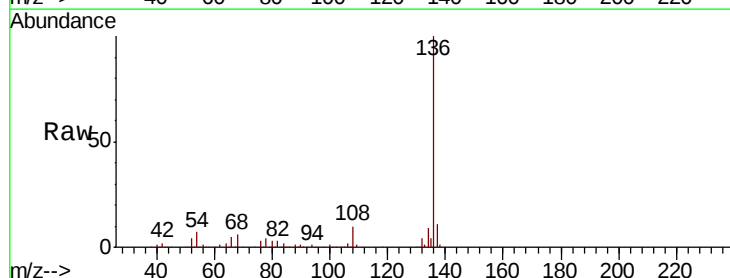
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.6 5.8 8.6

68 5.8 5.2 7.8

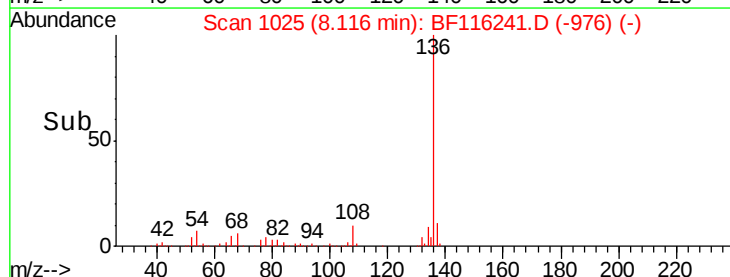
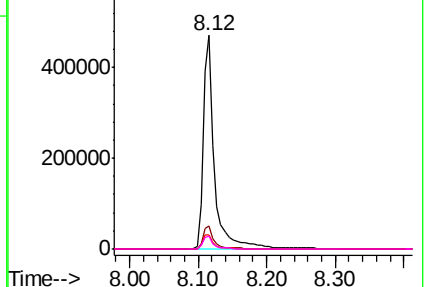


Abundance Ion 136.00 (135.70 to 136.70): E

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

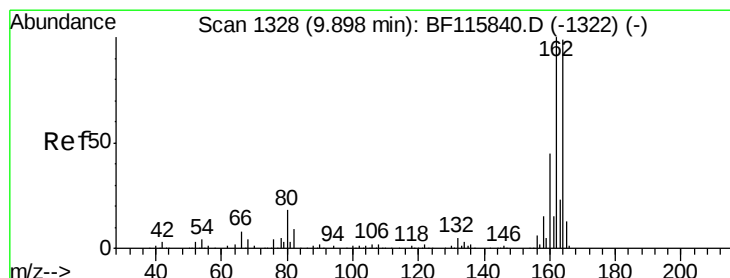
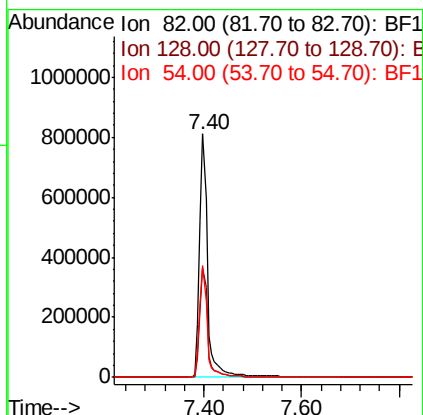
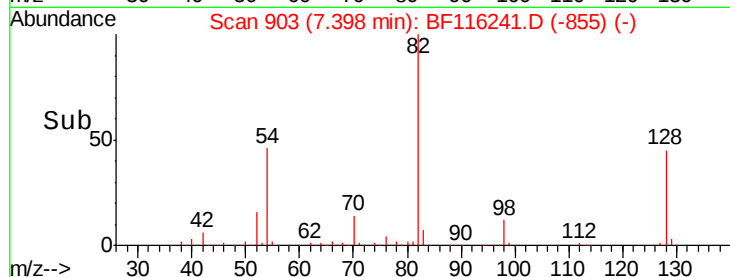
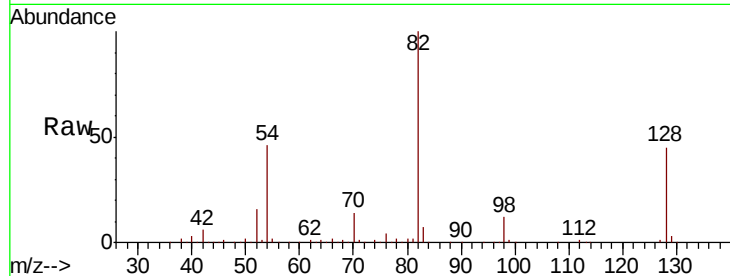




#23
Nitrobenzene-d5
Concen: 98.484 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116241.D
Acq: 13 Aug 2019 20:21

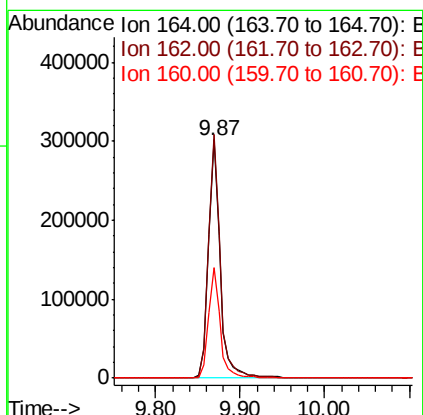
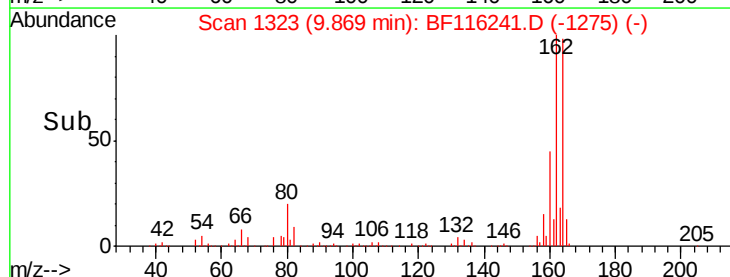
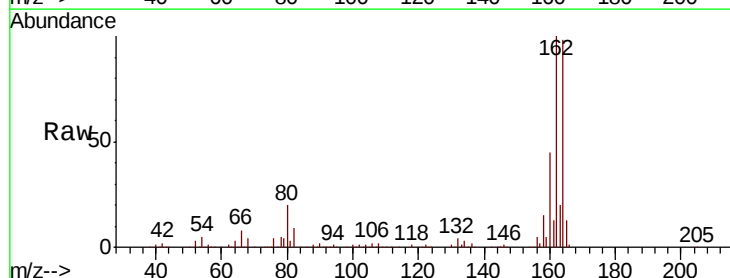
Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tot Ion: 82 Resp: 934351
Ion Ratio Lower Upper
82 100
128 44.7 36.5 54.7
54 45.8 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: BF116241.D
Acq: 13 Aug 2019 20:21

Tgt Ion:164 Resp: 296151
Ion Ratio Lower Upper
164 100
162 102.2 82.6 124.0
160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 147.113 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116241.D

Acq: 13 Aug 2019 20:21

Instrument :

BNA_F

ClientSampleId :

REACTOR-3A-(0-3)-COMP

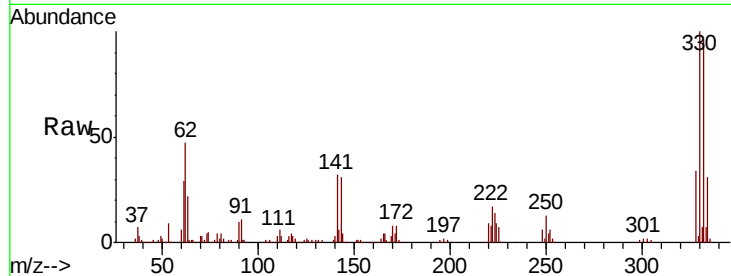
Tot Ion:330 Resp: 422402

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

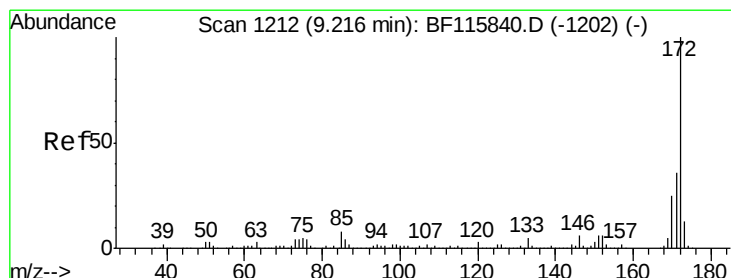
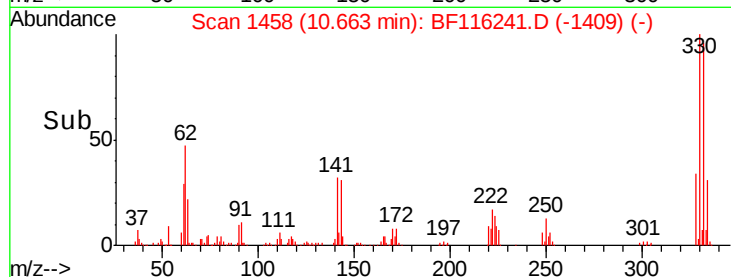
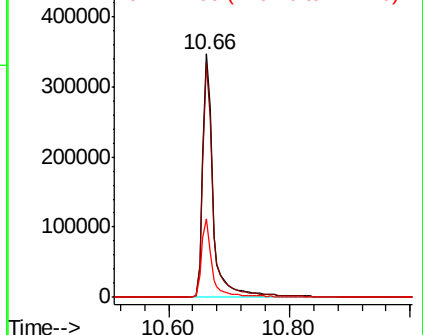
141 33.2 26.3 39.5



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: 95.357 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116241.D

Acq: 13 Aug 2019 20:21

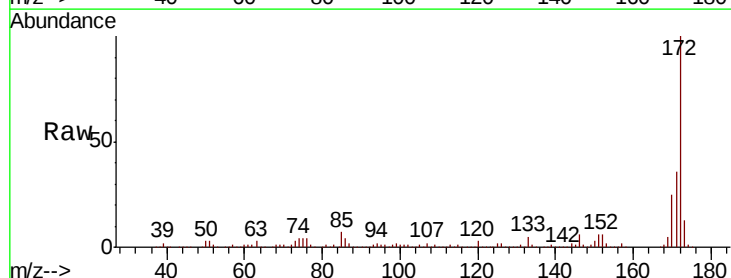
Tgt Ion:172 Resp: 1507682

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

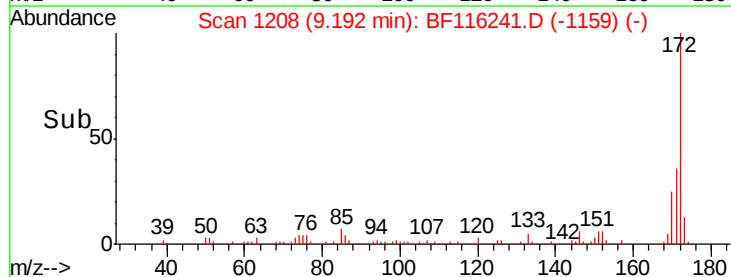
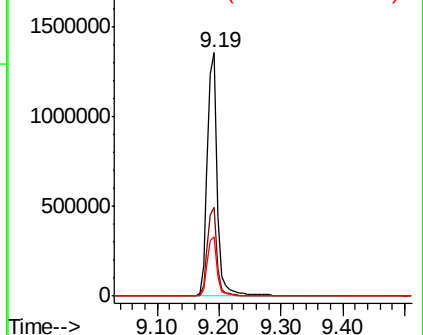
170 24.6 20.1 30.1

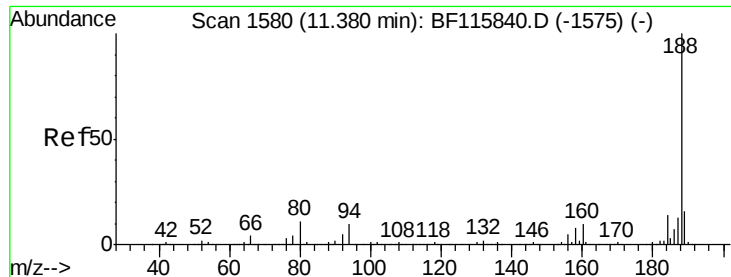


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

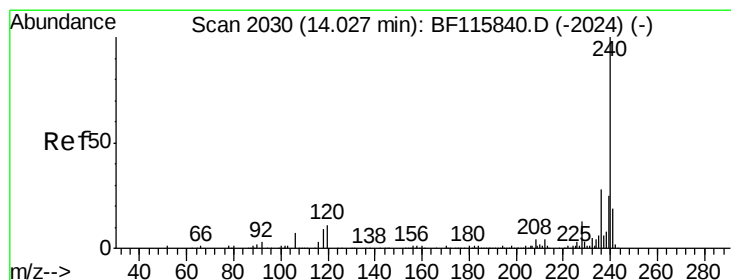
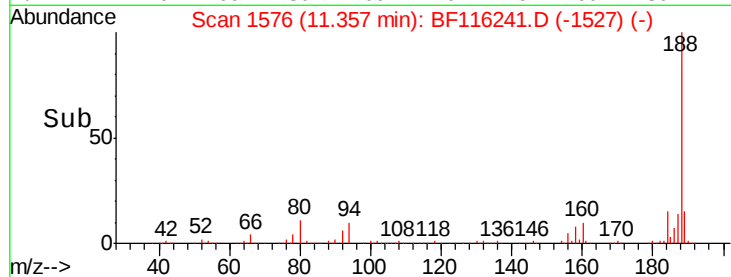
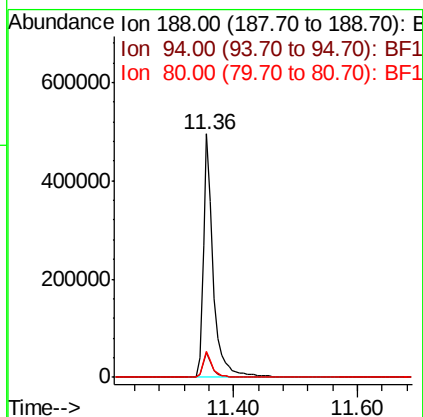
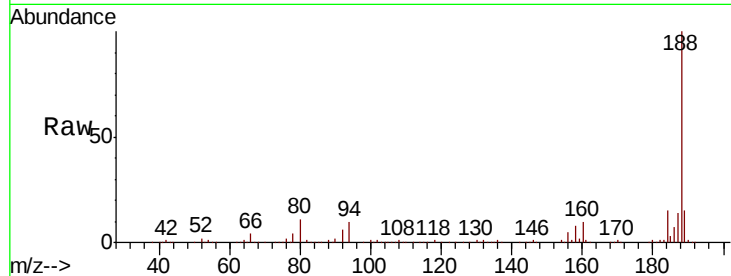




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116241.D
Acq: 13 Aug 2019 20:21

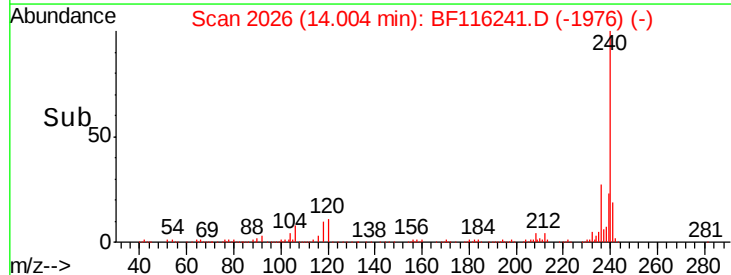
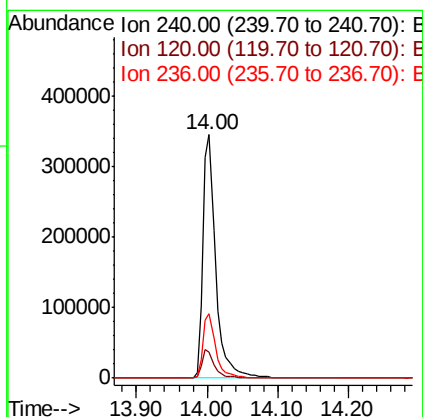
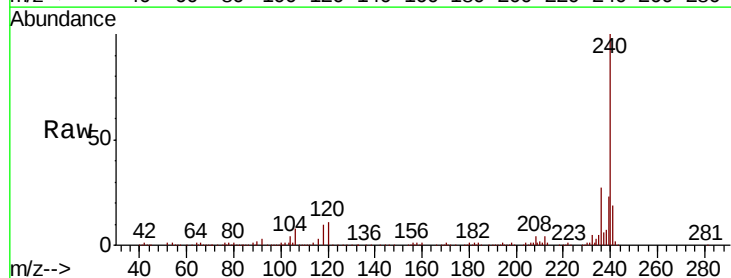
Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tot Ion:188 Resp: 558477
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 10.9 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: BF116241.D
Acq: 13 Aug 2019 20:21

Tgt Ion:240 Resp: 435301
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 26.7 22.2 33.2

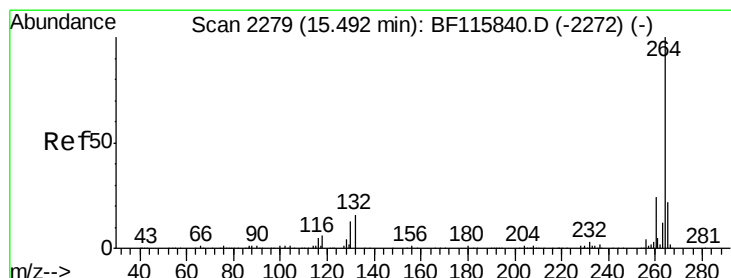
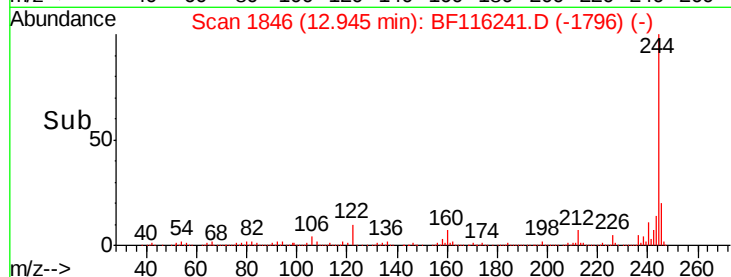
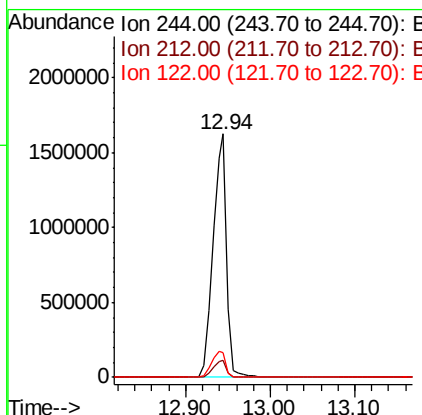
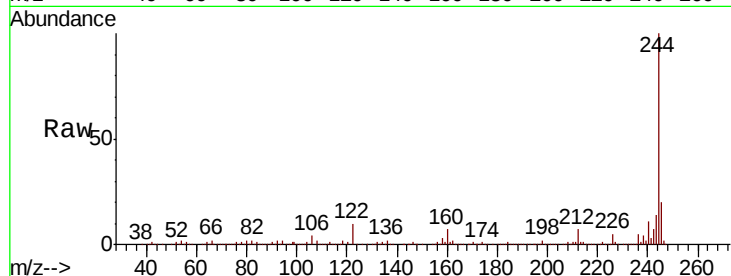




#79
 Terphenyl-d14
 Concen: 89.563 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116241.D
 Acq: 13 Aug 2019 20:21

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-3A-(0-3)-COMP

Tot Ion:244 Resp: 1850212
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.4 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116241.D
 Acq: 13 Aug 2019 20:21

Tgt Ion:264 Resp: 370026
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 22.3 17.4 26.0

