

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116205.D
 Acq On : 12 Aug 2019 22:47
 Operator : HP/JU
 Sample : K4095-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-A

Quant Time: Aug 13 01:52:43 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	112130	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	435102	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	241415	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	464055	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	387417	20.00	ng	-0.01
87) Perylene-d12	15.46	264	355523	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	850275	126.94	ng	0.00
7) Phenol-d6	6.47	99	1027512	121.59	ng	-0.01
23) Nitrobenzene-d5	7.40	82	780305	103.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	370427	158.26	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1364257	105.85	ng	-0.02
79) Terphenyl-d14	12.94	244	1791902	97.46	ng	-0.01

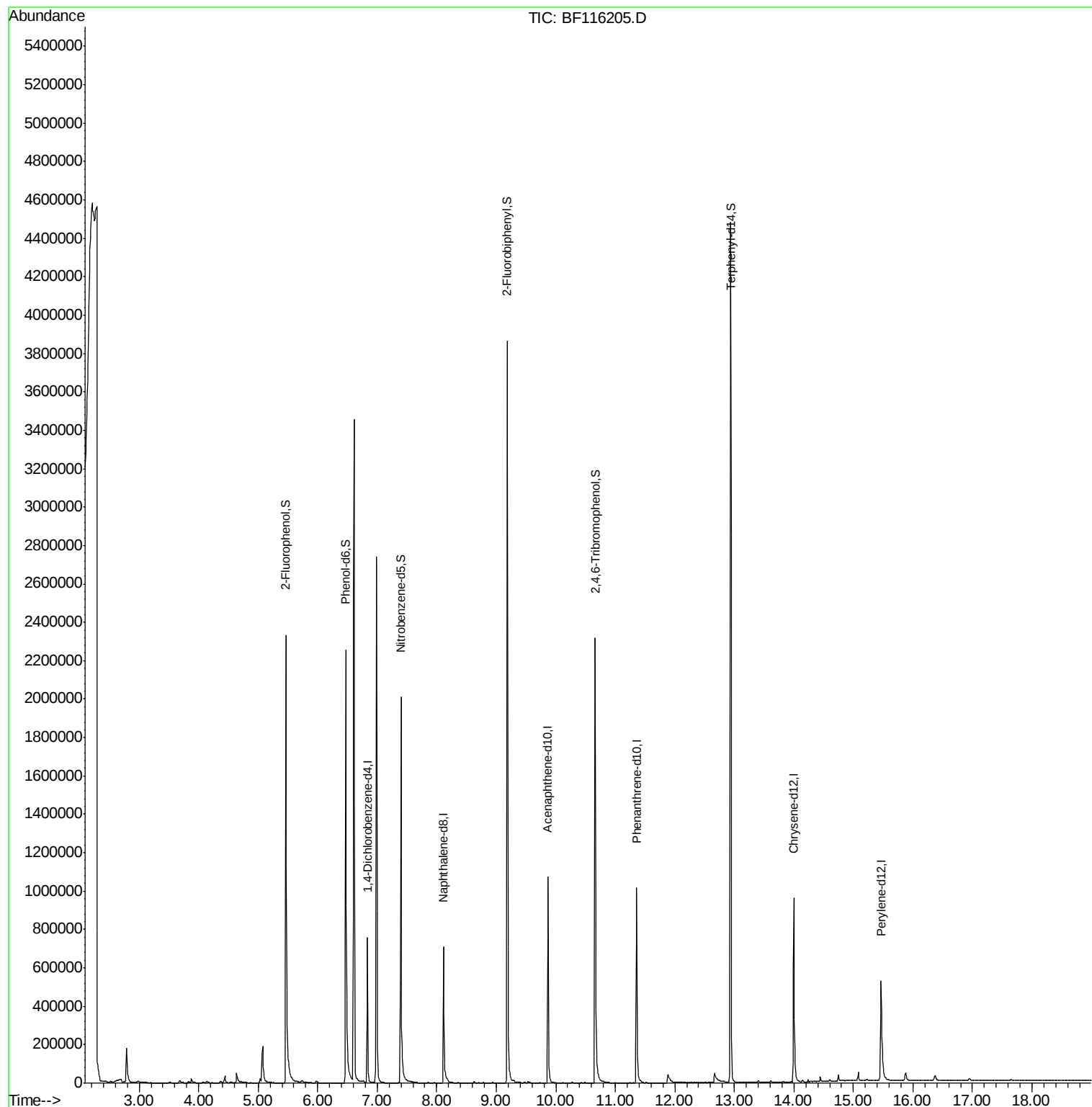
Target Compounds Qvalue

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

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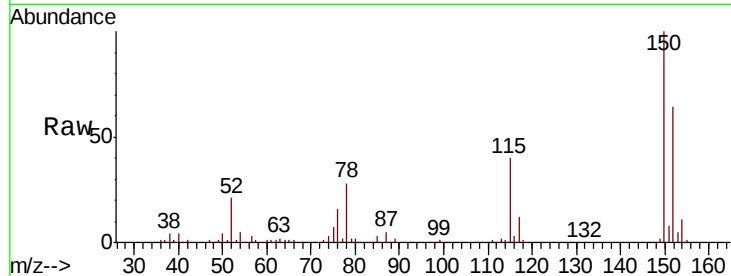


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	62.1	49.9	74.9

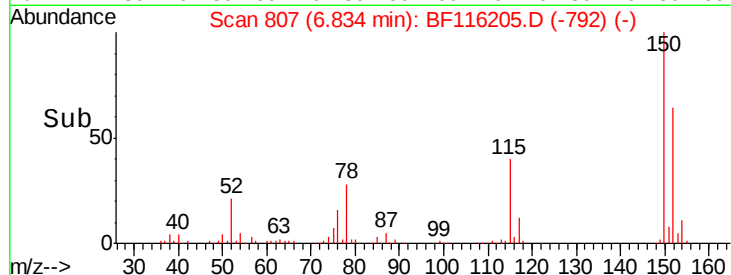
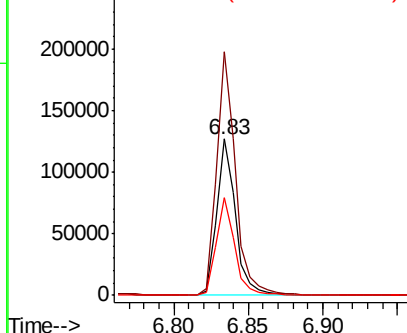


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

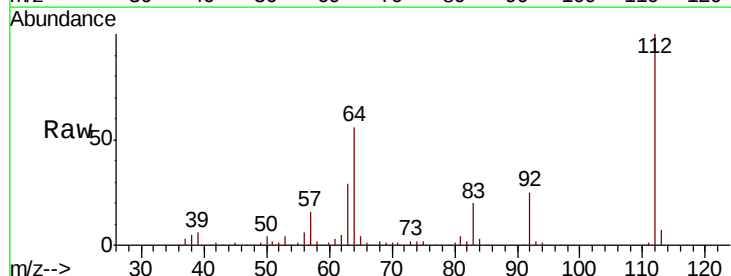
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.943 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.4	68.2
63	28.8	23.7	35.5

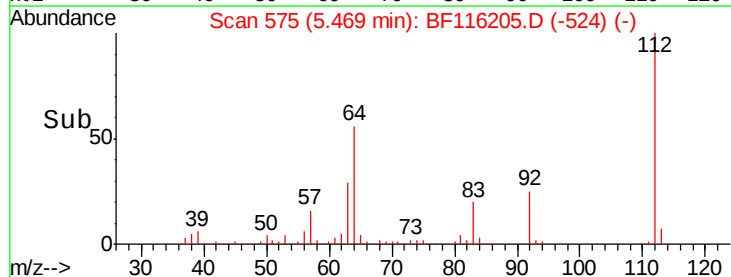
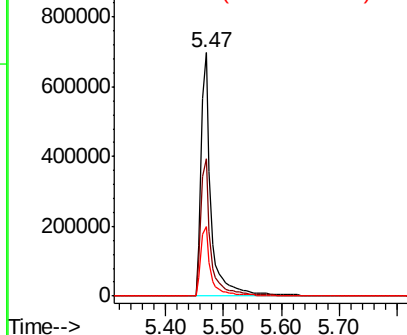


Abundance

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: 121.587 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

Instrument :

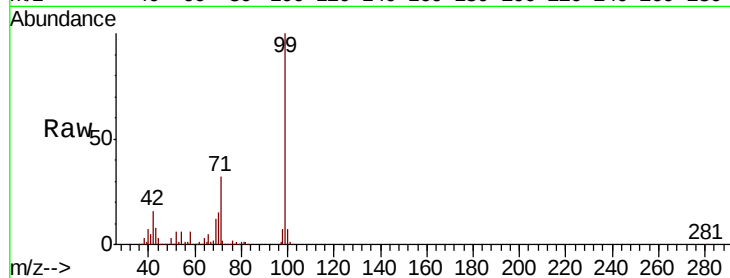
BNA_F

ClientSampleId :

SU-04-080919-A

Tot Ion: 99 Resp: 1027512

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.8
71	32.5	27.3	40.9

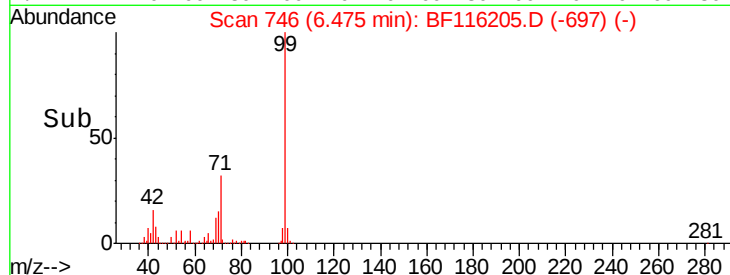
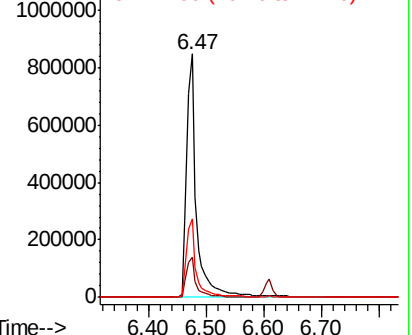


Abundance

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

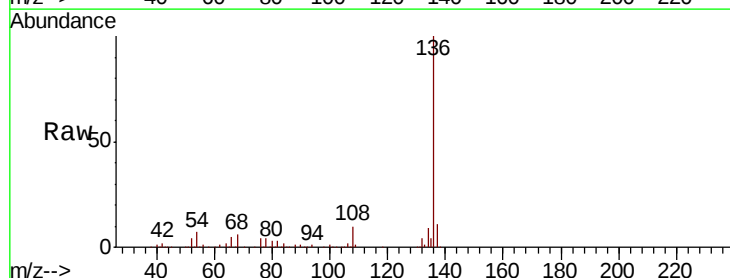
Delta R.T. -0.01 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

Tgt Ion: 136 Resp: 435102

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.8	8.6
68	5.6	5.2	7.8



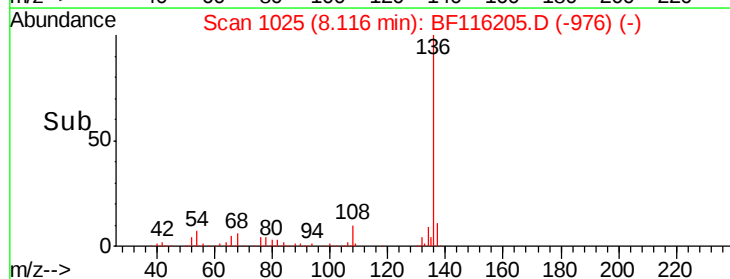
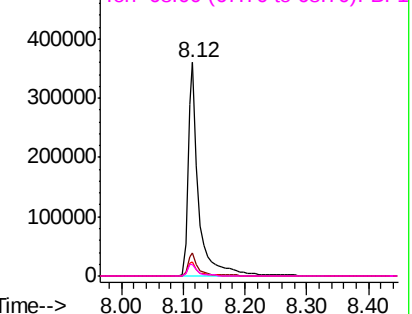
Abundance

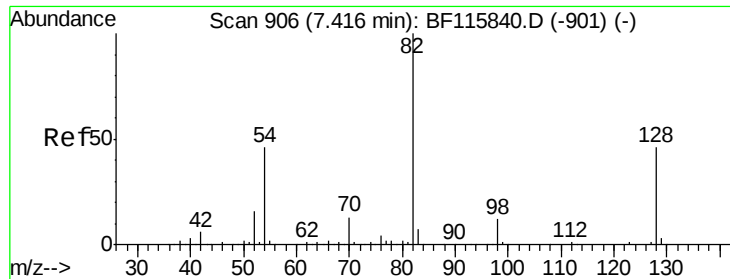
Ion 136.00 (135.70 to 136.70): E

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

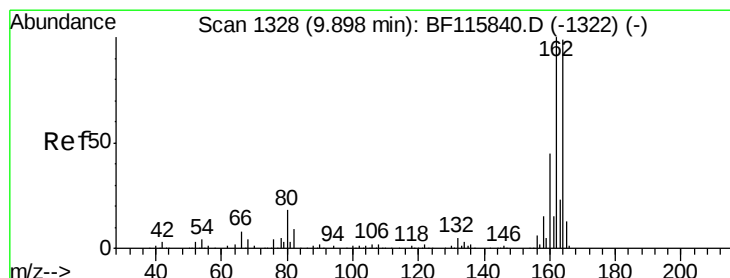
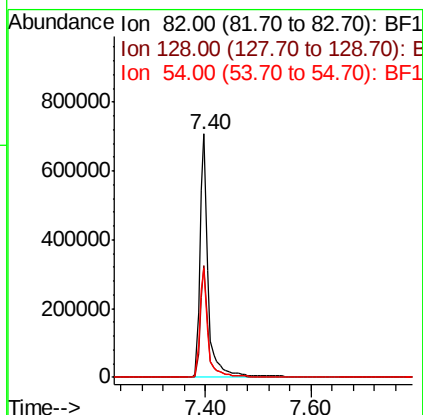
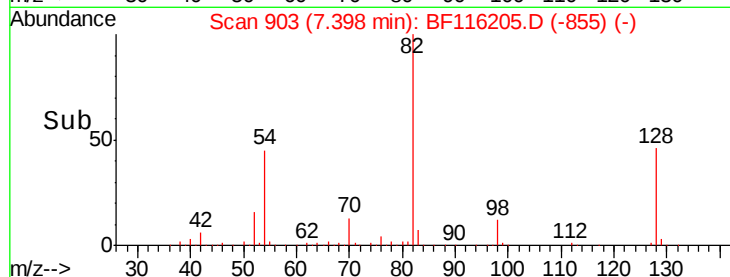
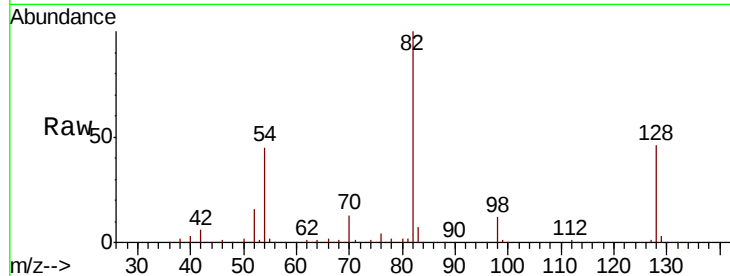




#23
Nitrobenzene-d5
Concen: 103.520 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

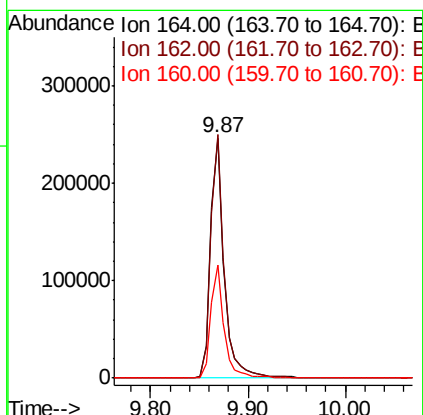
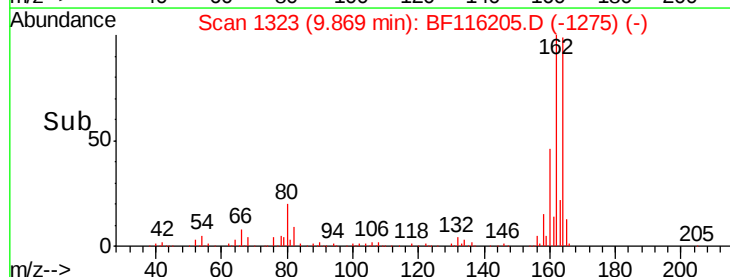
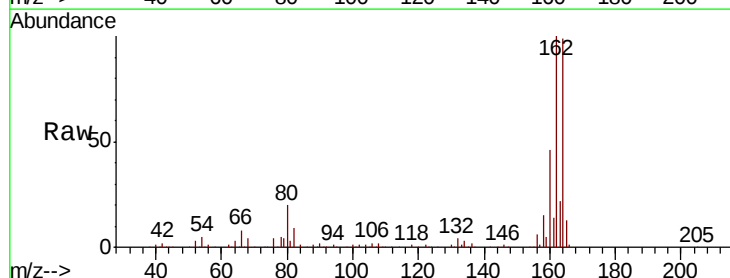
Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

Tot Ion: 82 Resp: 780305
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 44.9 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: BF116205.D
Acq: 12 Aug 2019 22:47

Tgt Ion: 164 Resp: 241415
Ion Ratio Lower Upper
164 100
162 101.3 82.6 124.0
160 47.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 158.263 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

Instrument :

BNA_F

ClientSampleId :

SU-04-080919-A

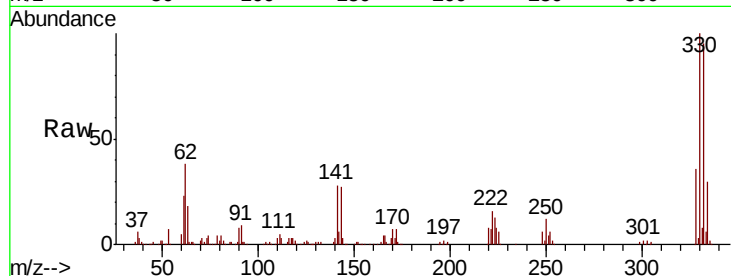
Tot Ion:330 Resp: 370427

Ion Ratio Lower Upper

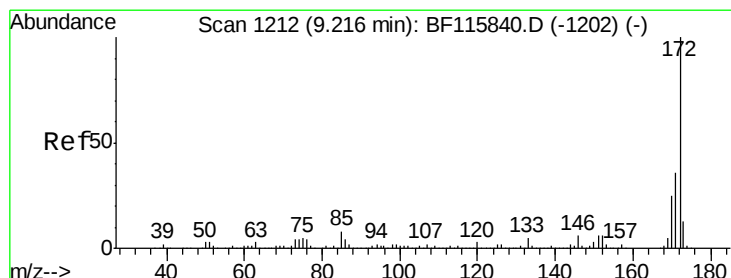
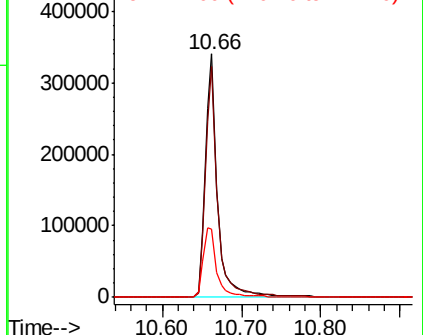
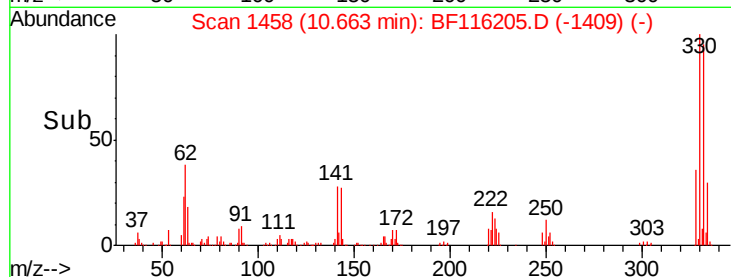
330 100

332 95.6 76.8 115.2

141 33.4 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: 105.849 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

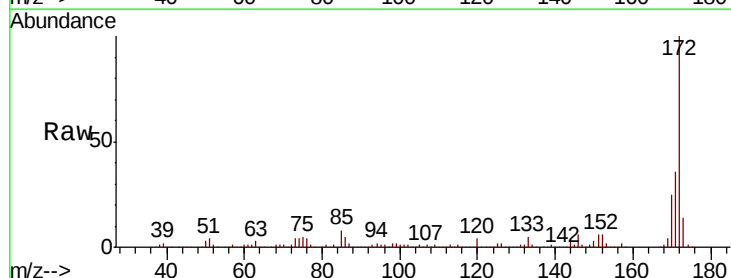
Tgt Ion:172 Resp: 1364257

Ion Ratio Lower Upper

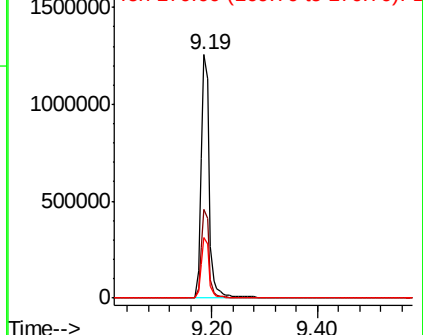
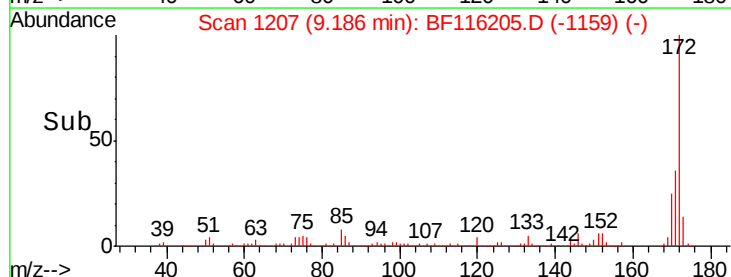
172 100

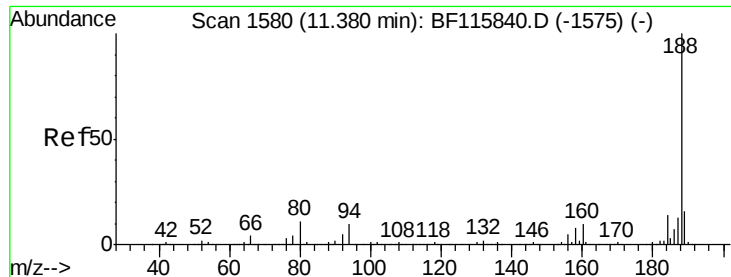
171 36.4 29.6 44.4

170 25.0 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: BF116205.D

Acq: 12 Aug 2019 22:47

Instrument :

BNA_F

ClientSampleId :

SU-04-080919-A

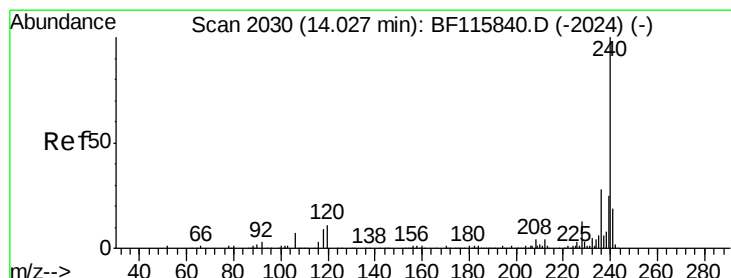
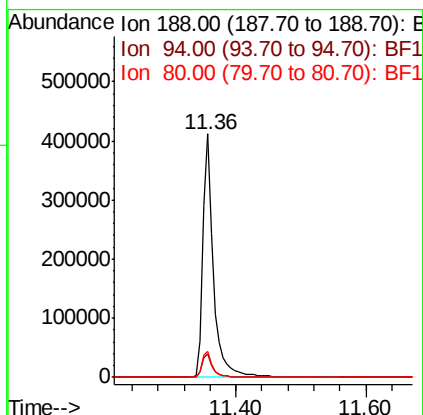
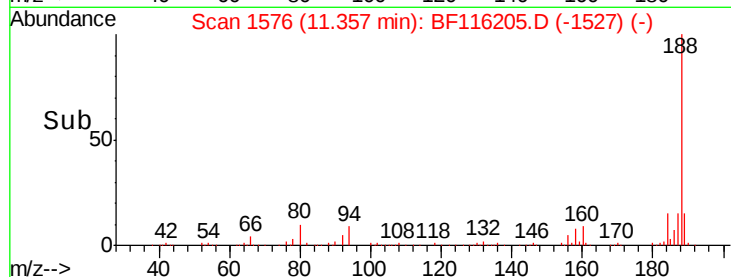
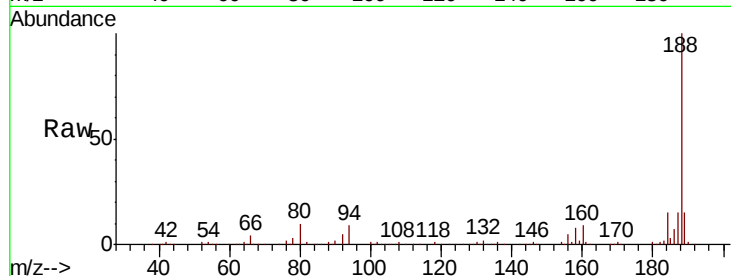
Tot Ion:188 Resp: 464055

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

80 10.4 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

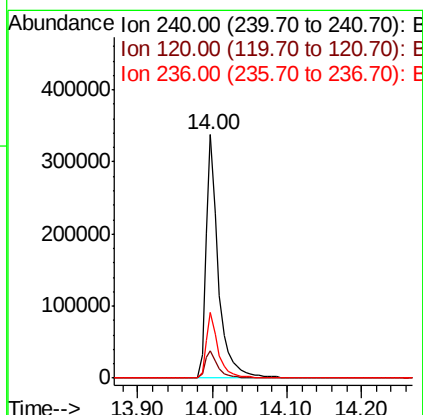
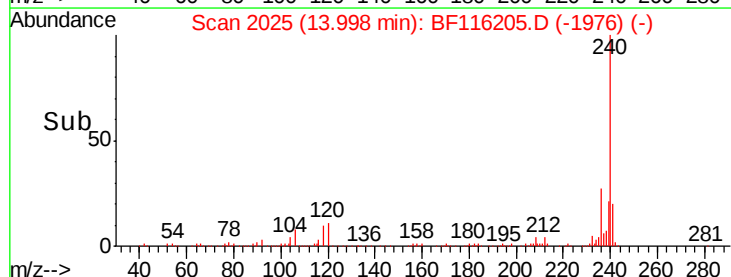
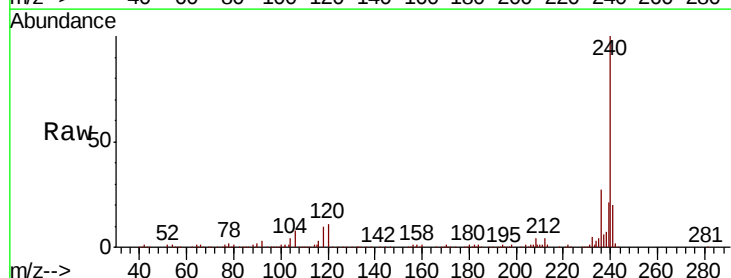
Tgt Ion:240 Resp: 387417

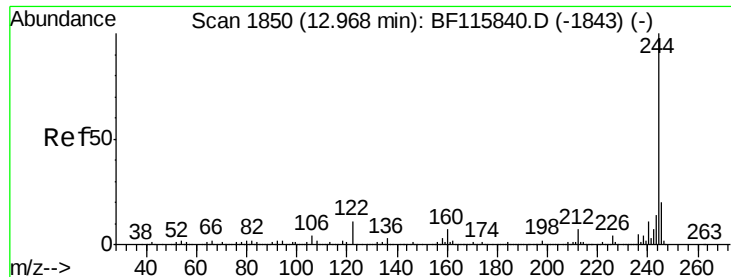
Ion Ratio Lower Upper

240 100

120 11.5 10.7 16.1

236 27.0 22.2 33.2





#79

Terphenyl-d14

Concen: 97.462 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

Instrument :

BNA_F

ClientSampleId :

SU-04-080919-A

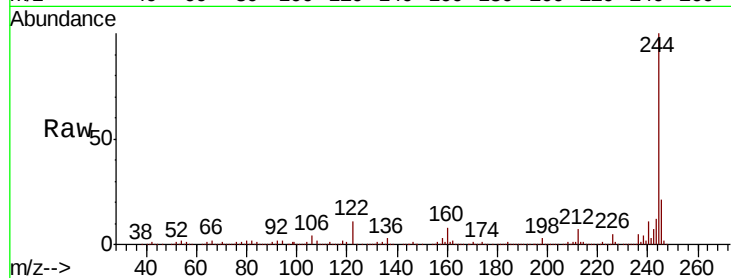
Tot Ion:244 Resp: 1791902

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

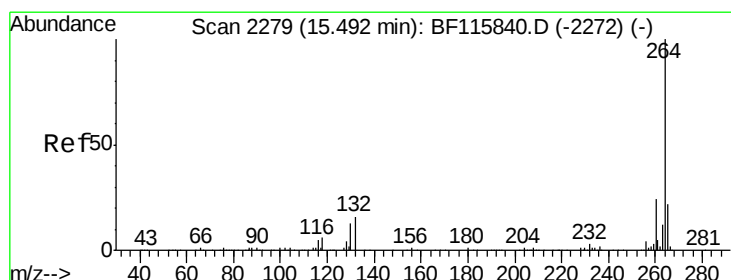
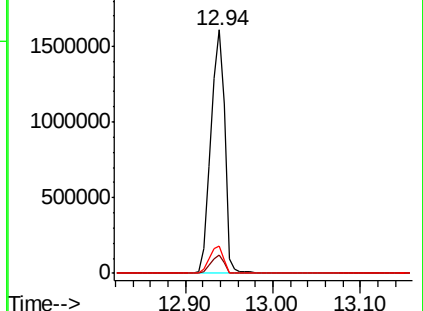
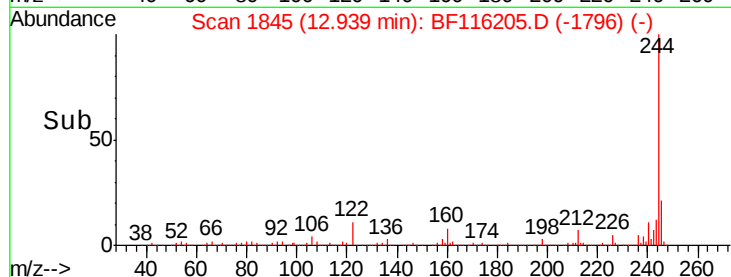
122 11.3 9.0 13.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

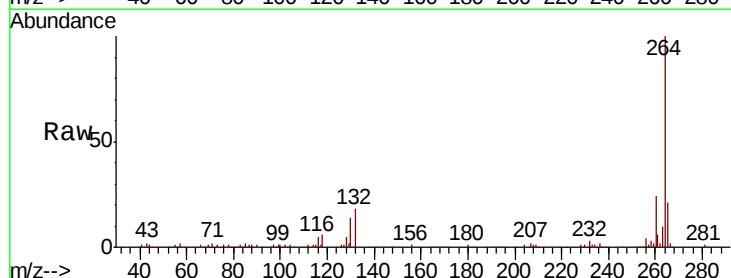
Tgt Ion:264 Resp: 355523

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.0 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

