

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121628.D
 Acq On : 21 Sep 2020 16:02
 Operator : JU/CG
 Sample : L4076-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-ROC

Quant Time: Sep 21 16:36:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	150148	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	592977	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	302851	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	577307	20.00	ng	0.00
76) Chrysene-d12	13.99	240	484462	20.00	ng	0.00
86) Perylene-d12	15.45	264	385753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	788607	78.05	ng	0.00
7) Phenol-d6	6.45	99	1001928	75.59	ng	-0.01
23) Nitrobenzene-d5	7.38	82	687137	62.22	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	186515	49.55	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1213890	60.71	ng	0.00
79) Terphenyl-d14	12.94	244	1295361	54.17	ng	0.00

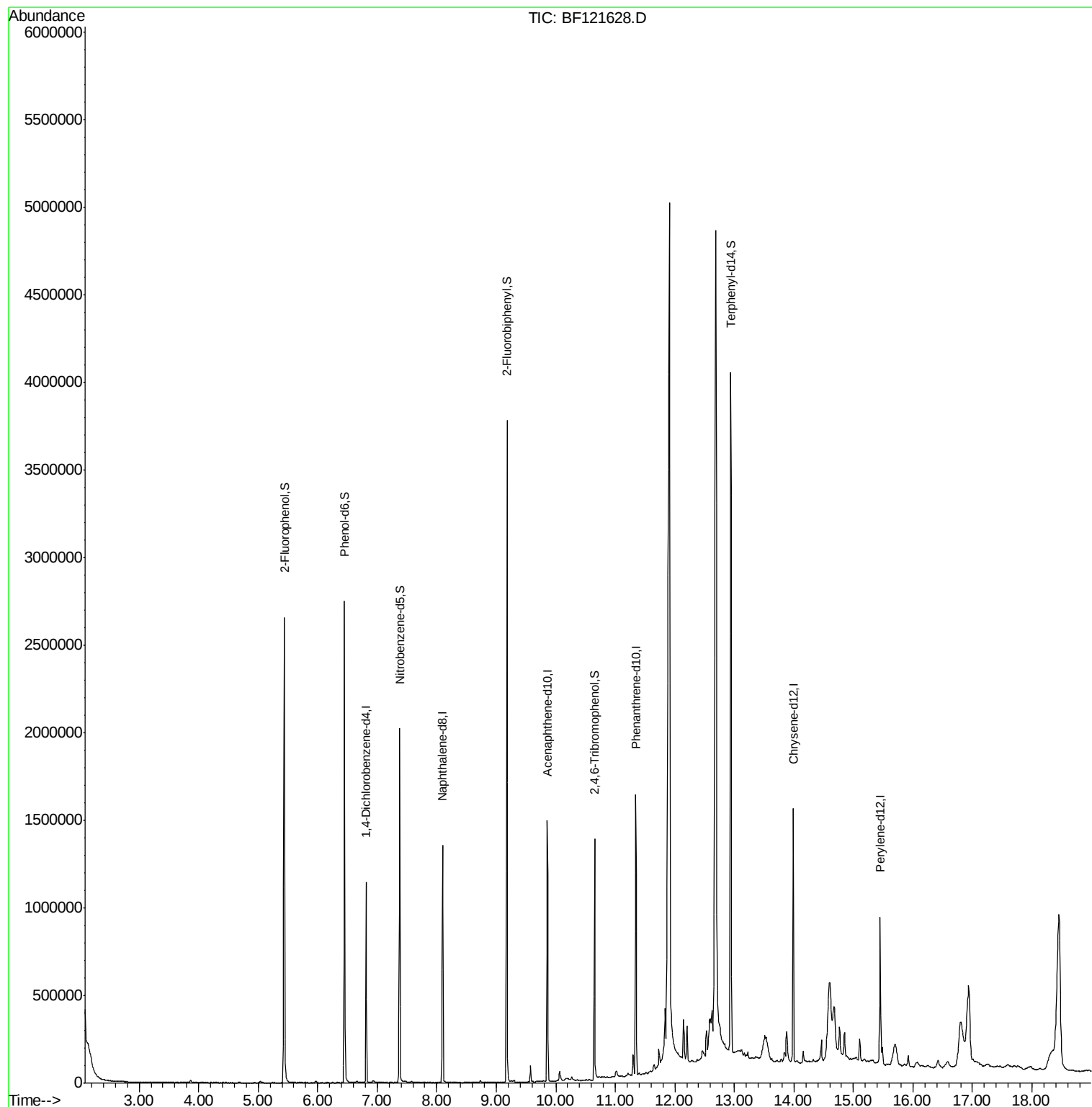
Target Compounds Qvalue

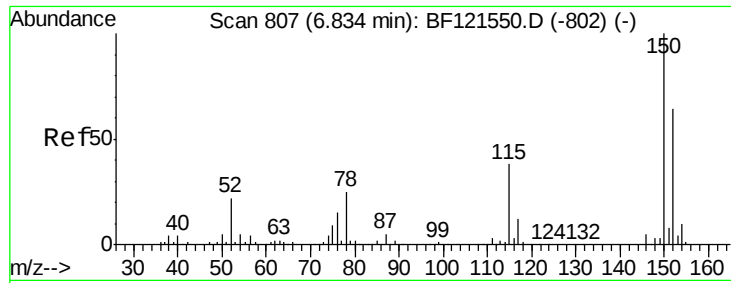
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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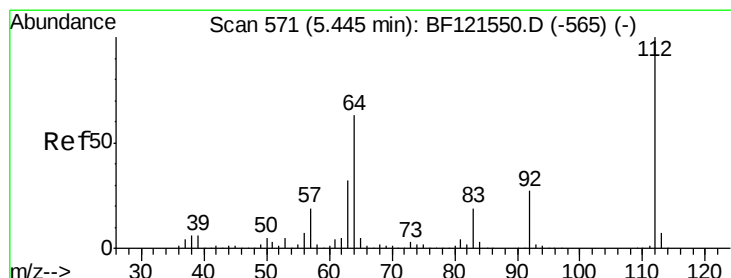
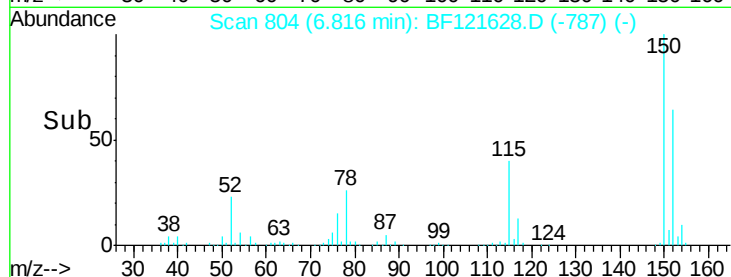
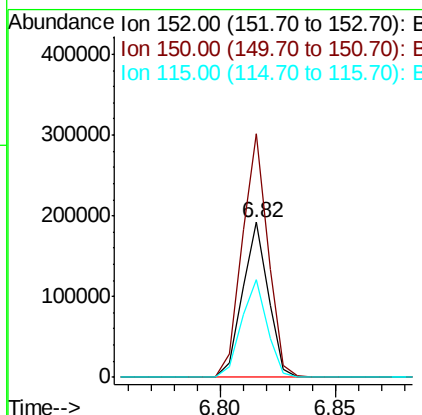
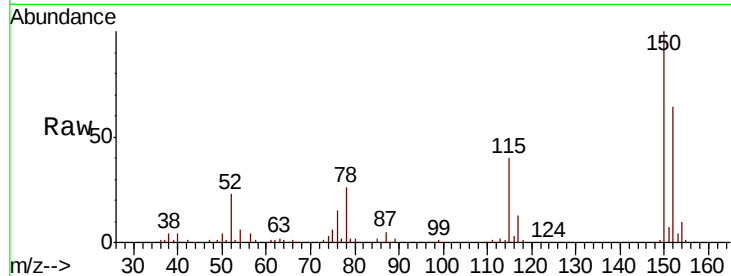


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Instrument :
 BNA_F
 ClientSampleId :
 TS-ROC

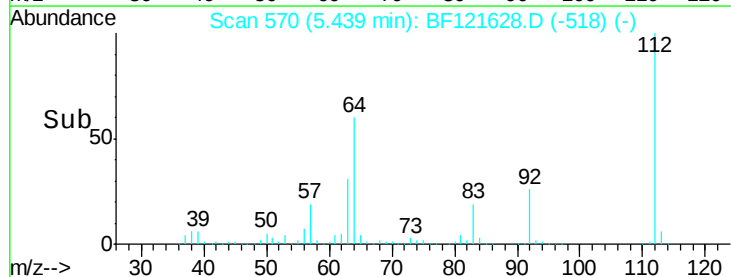
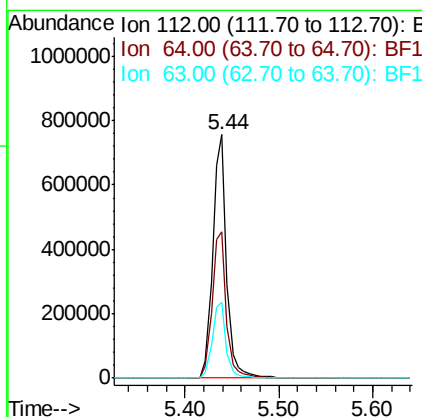
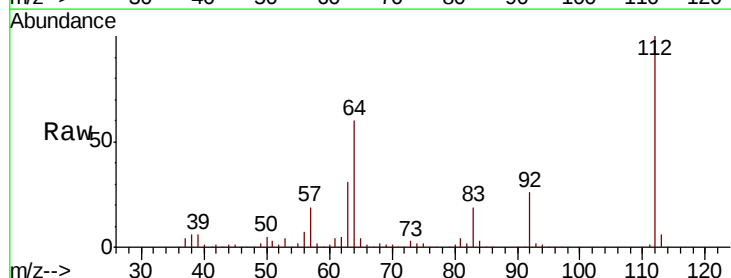
Tot Ion:152 Resp: 150148
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.1 192.1
 115 62.8 52.6 79.0

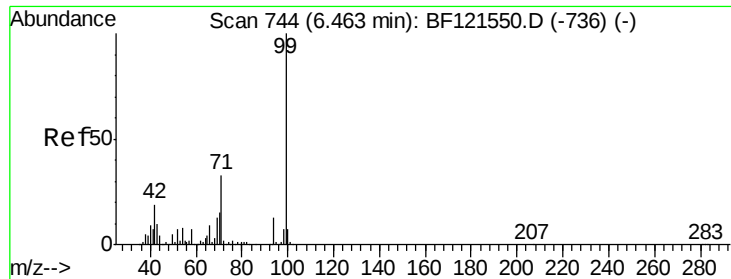


#5

2-Fluorophenol
 Concen: 78.054 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Tgt Ion:112 Resp: 788607
 Ion Ratio Lower Upper
 112 100
 64 60.3 52.2 78.2
 63 31.2 26.6 39.8





#7

Phenol-d6

Concen: 75.589 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121628.D

Acq: 21 Sep 2020 16:02

Instrument :

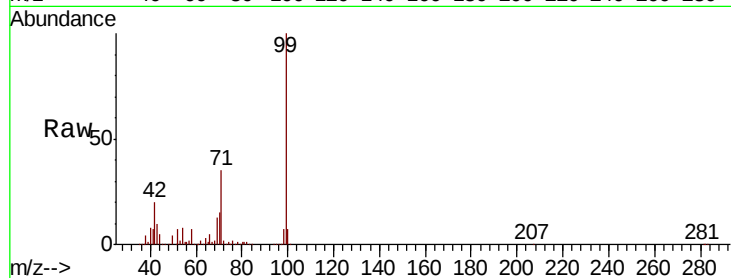
BNA_F

ClientSampleId :

TS-ROC

Tot Ion: 99 Resp: 1001928

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.5	23.3
71	34.7	27.4	41.2

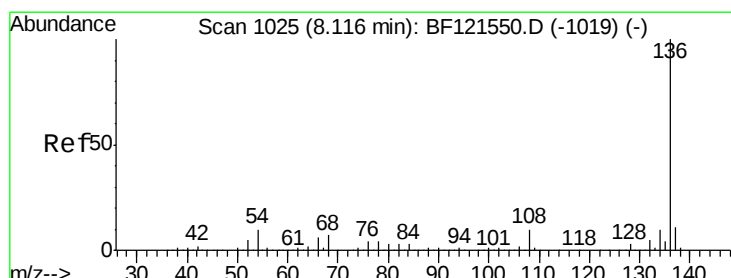
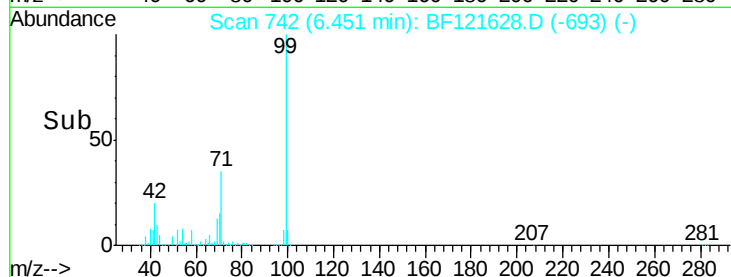
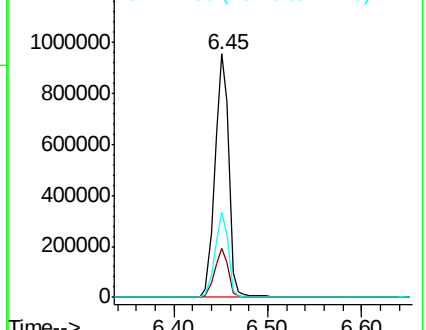


Abundance

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# 1022

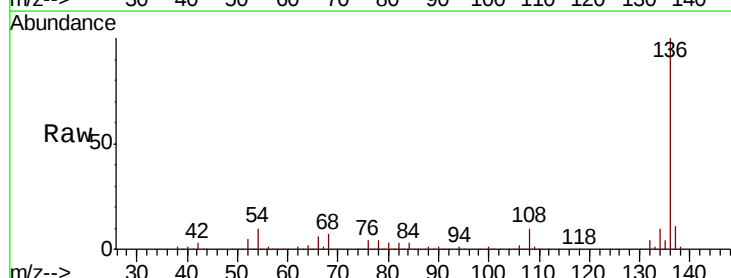
Delta R.T. -0.01 min

Lab File: BF121628.D

Acq: 21 Sep 2020 16:02

Tgt Ion: 136 Resp: 592977

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	7.4	11.0
68	6.8	5.3	7.9



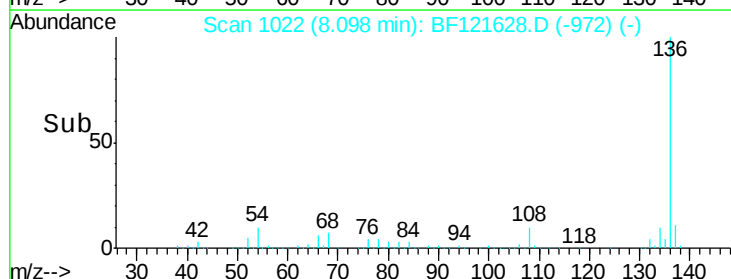
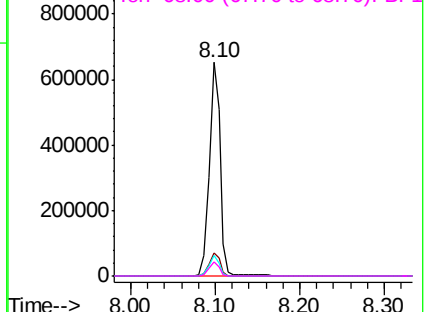
Abundance

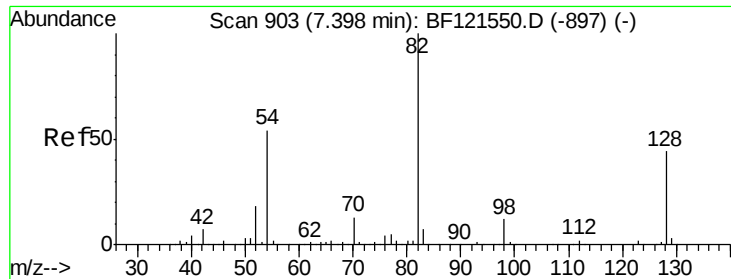
Ion 136.00 (135.70 to 136.70): E

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

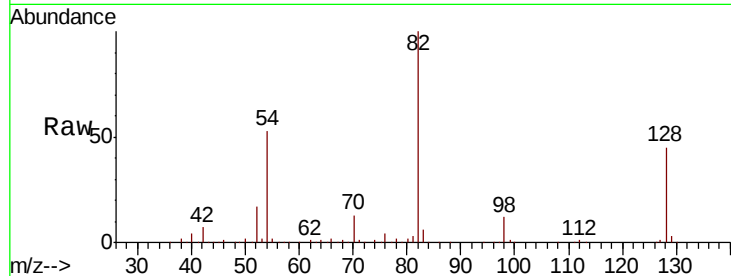




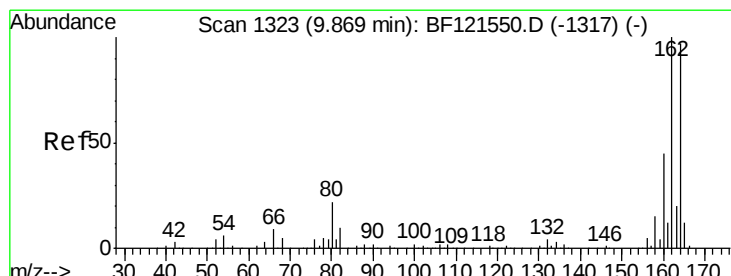
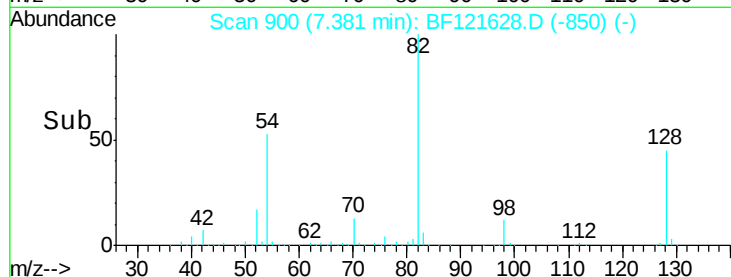
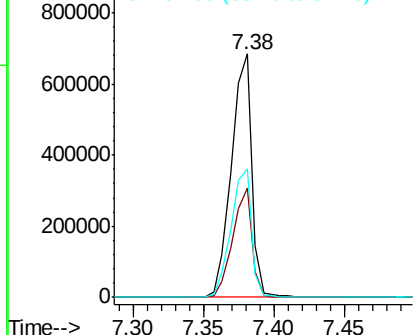
#23
 Nitrobenzene-d5
 Concen: 62.218 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Instrument :
 BNA_F
 ClientSampleId :
 TS-ROC

Tot Ion	82	Resp	687137
Ion Ratio	100	Lower	Upper
128	44.7	33.9	50.9
54	52.8	42.9	64.3

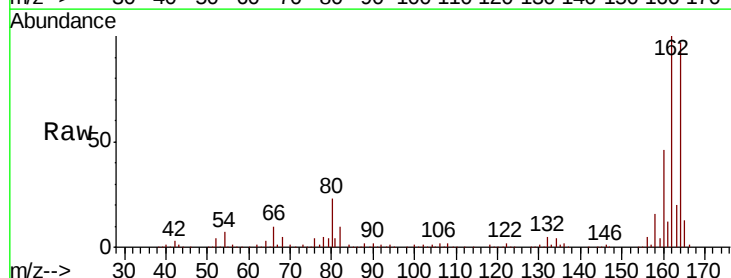


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

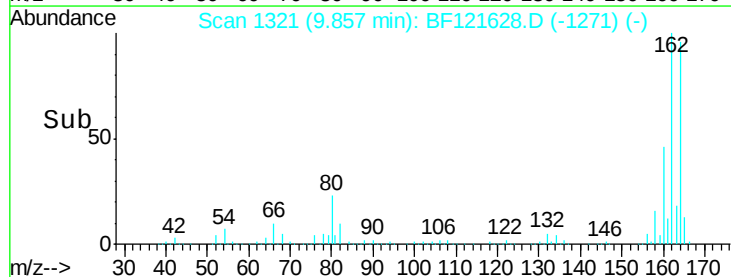
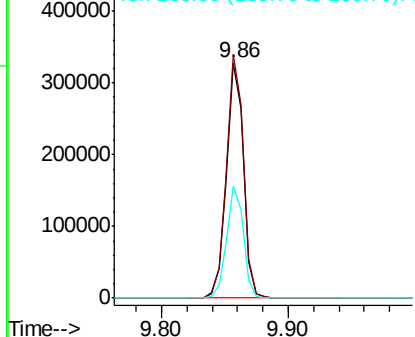


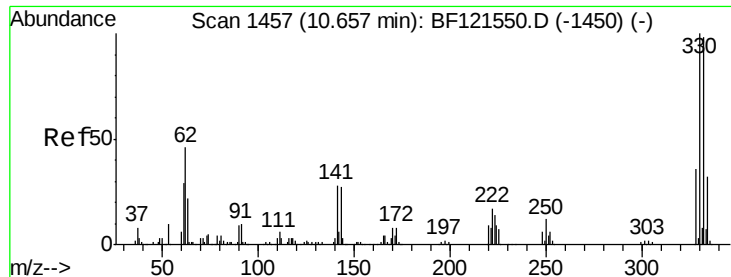
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Tgt Ion	164	Resp	302851
Ion Ratio	100	Lower	Upper
162	103.6	81.2	121.8
160	47.5	36.2	54.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

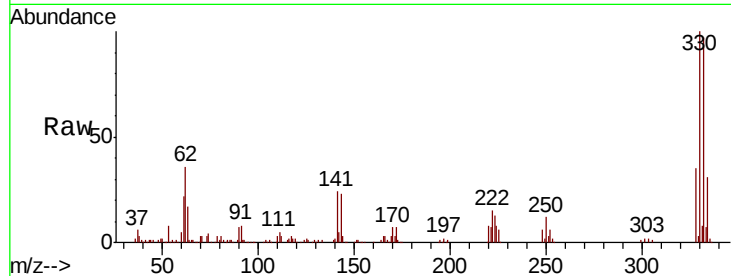




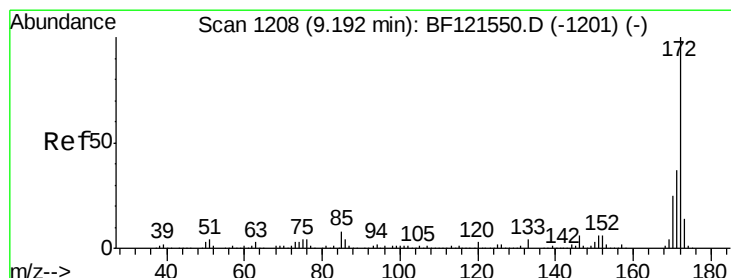
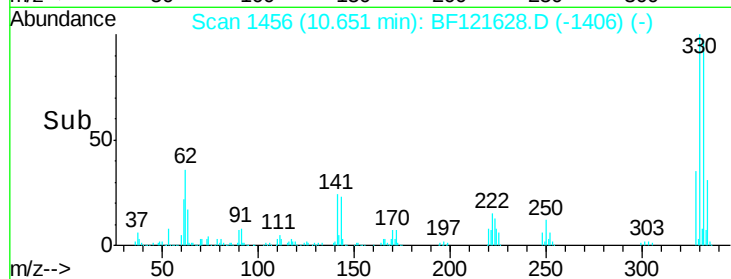
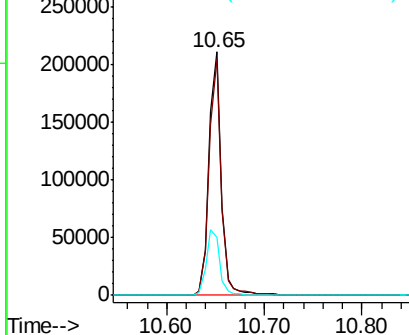
#42
 2,4,6-Tribromophenol
 Concen: 49.552 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Instrument :
 BNA_F
 ClientSampleId :
 TS-ROC

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	29.2	22.4	33.6

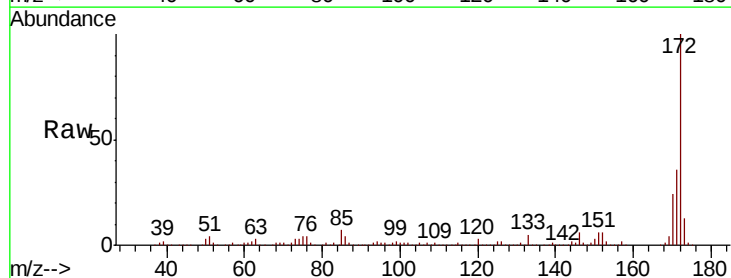


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

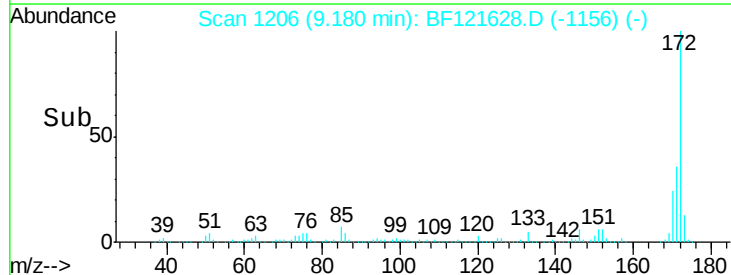
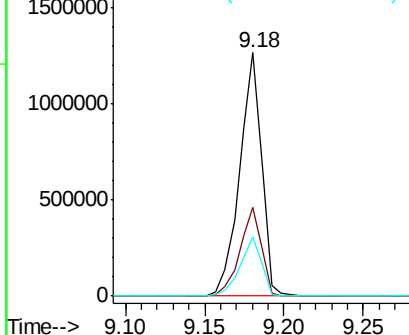


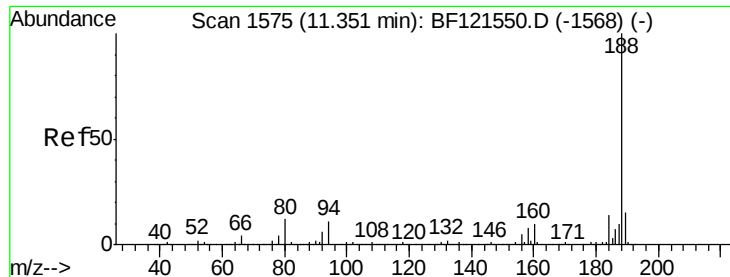
#45
 2-Fluorobiphenyl
 Concen: 60.706 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.3	19.5	29.3



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

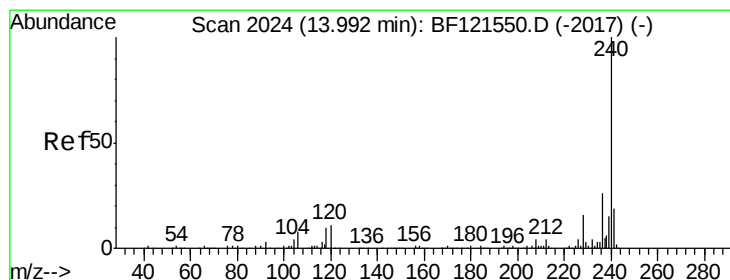
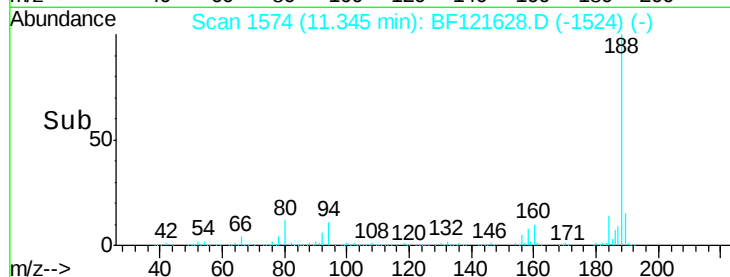
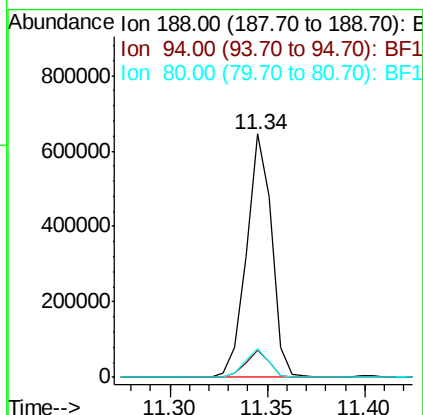
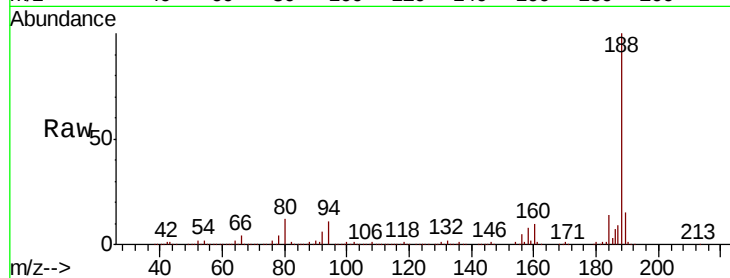




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

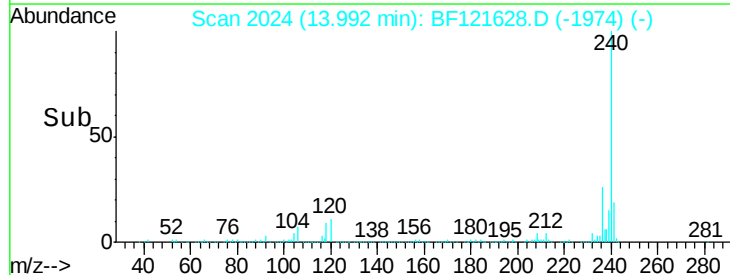
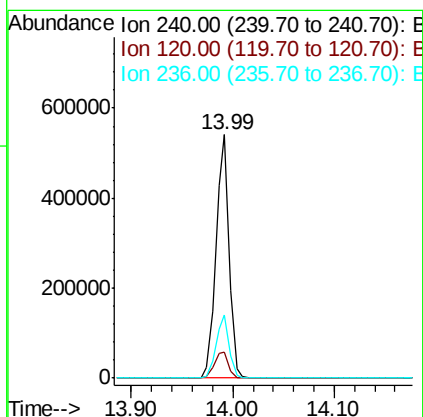
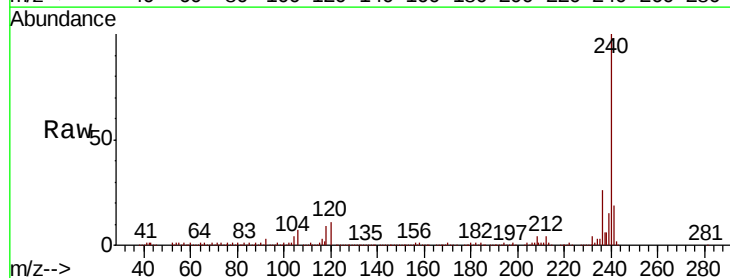
Instrument :
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TS-ROC

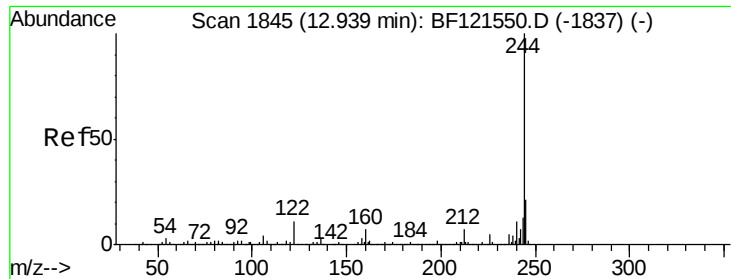
Tot Ion:188 Resp: 577307
Ion Ratio Lower Upper
188 100
94 11.2 8.4 12.6
80 11.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

Tgt Ion:240 Resp: 484462
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 54.169 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121628.D

Acq: 21 Sep 2020 16:02

Instrument :

BNA_F

ClientSampleId :

TS-ROC

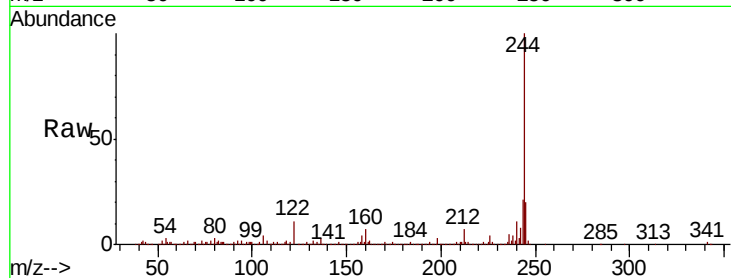
Tot Ion:244 Resp: 1295361

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

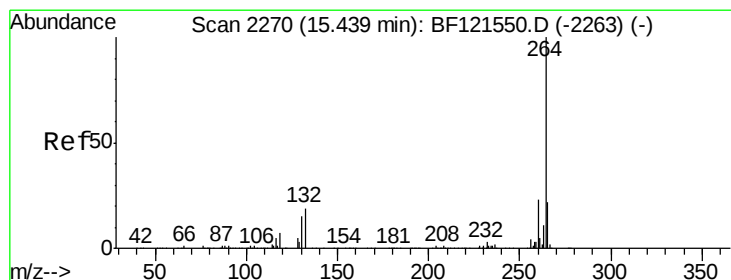
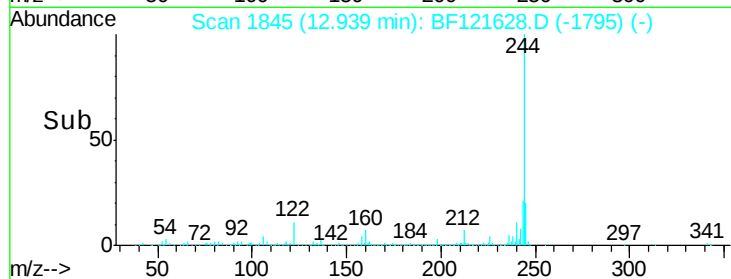
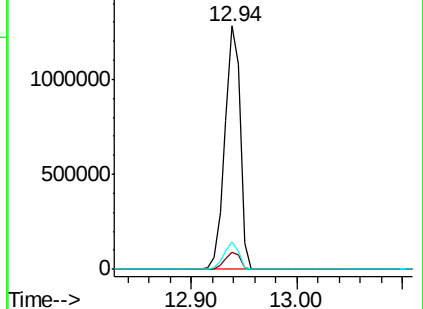
122 11.4 7.4 11.0#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF121628.D

Acq: 21 Sep 2020 16:02

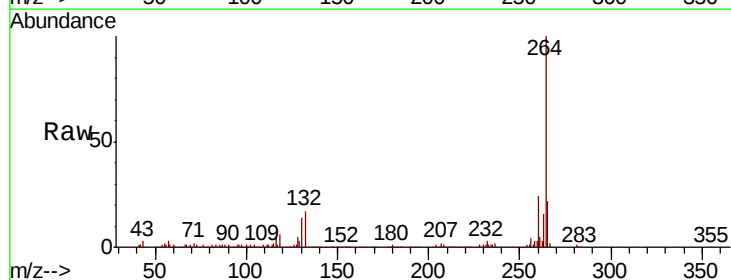
Tgt Ion:264 Resp: 385753

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.3 17.3 25.9



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

