

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126382.D
 Acq On : 28 Dec 2021 15:33
 Operator : JU/CG
 Sample : M5187-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-5-10

Quant Time: Dec 28 16:09:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	111418	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	456780	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	203092	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	301073	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	211242	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	232835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	644635	85.204	ng	0.00
7) Phenol-d6	6.439	99	831375	86.541	ng	0.00
23) Nitrobenzene-d5	7.369	82	533149	63.214	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	136186	83.440	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	748778	64.664	ng	-0.01
79) Terphenyl-d14	12.921	244	569567	46.864	ng	0.00

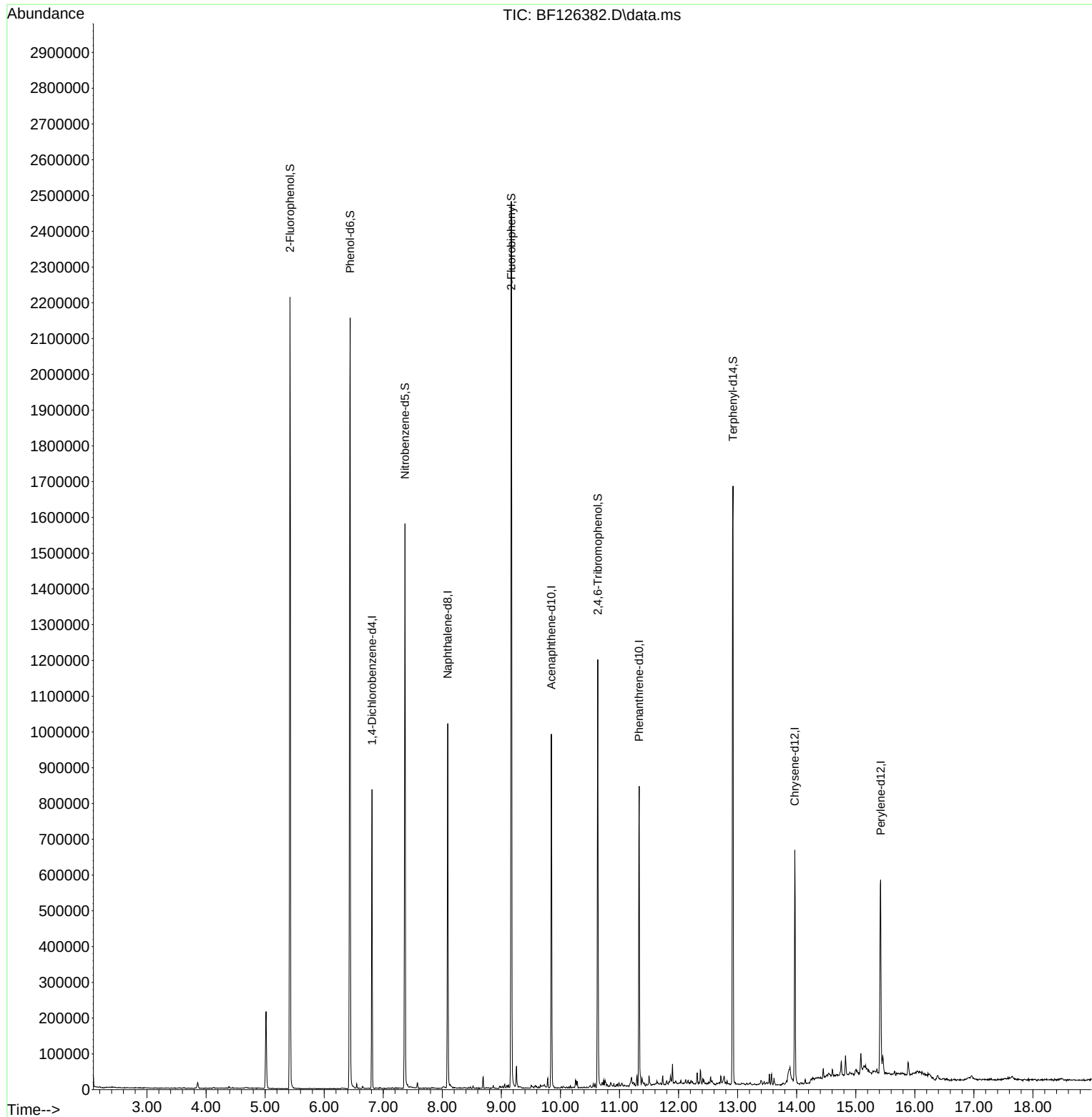
Target Compounds	Qvalue

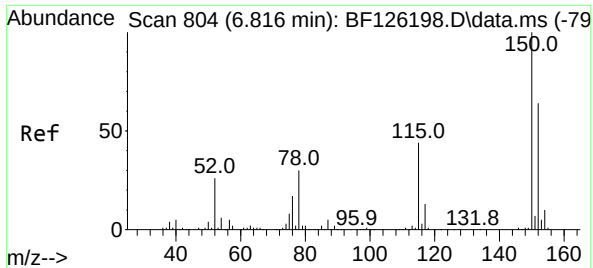
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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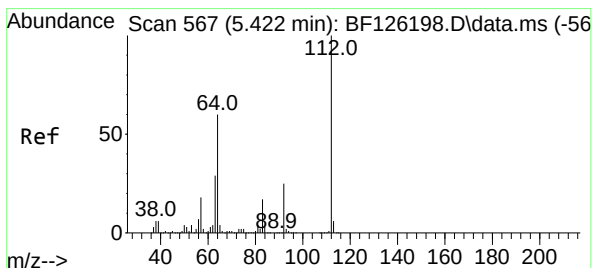
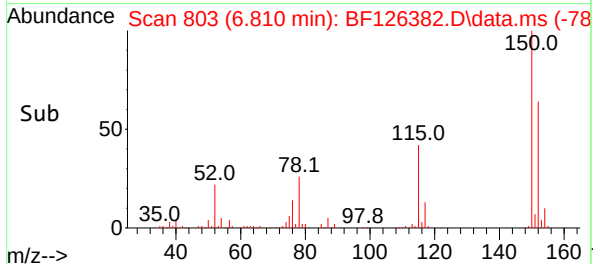
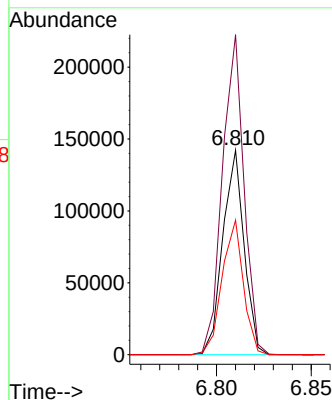
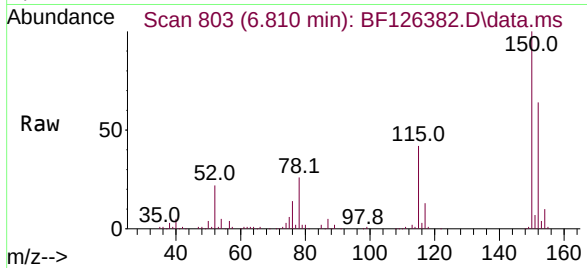




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

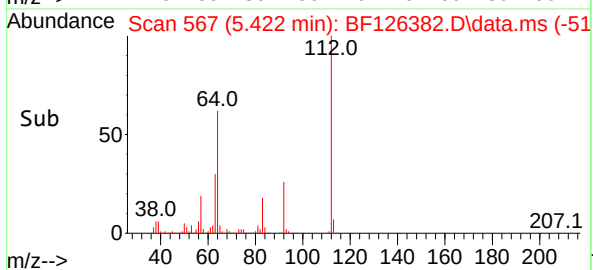
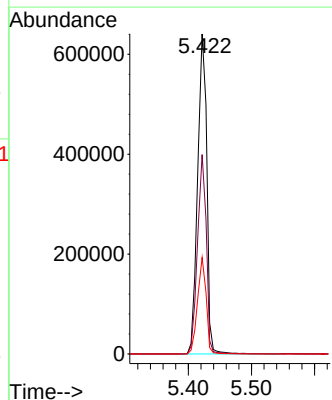
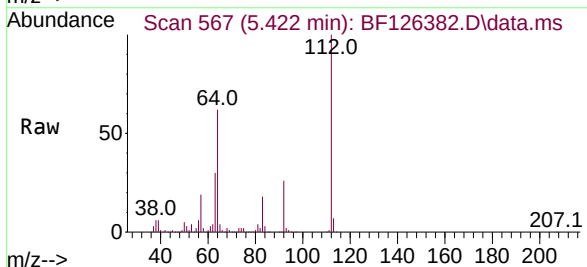
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-5-10

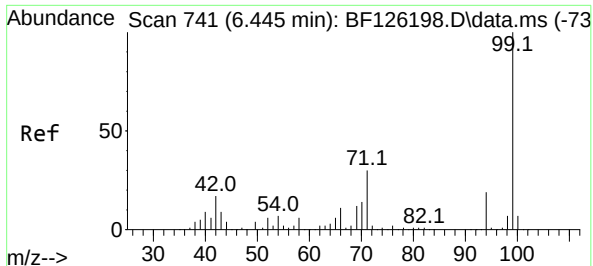
Tgt Ion:152 Resp: 111418
Ion Ratio Lower Upper
152 100
150 156.5 117.6 176.4
115 65.8 47.1 70.7



#5
2-Fluorophenol
Concen: 85.204 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Tgt Ion:112 Resp: 644635
Ion Ratio Lower Upper
112 100
64 62.3 44.2 66.2
63 30.2 26.2 39.2

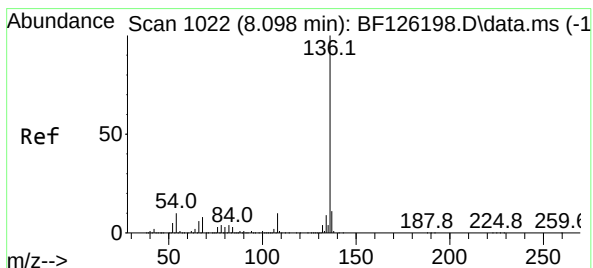
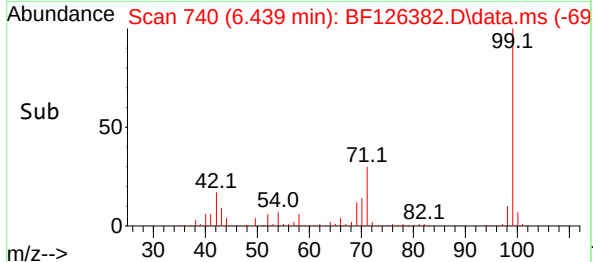
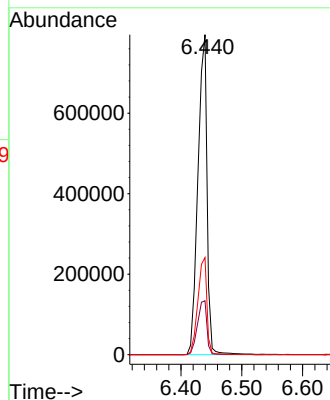
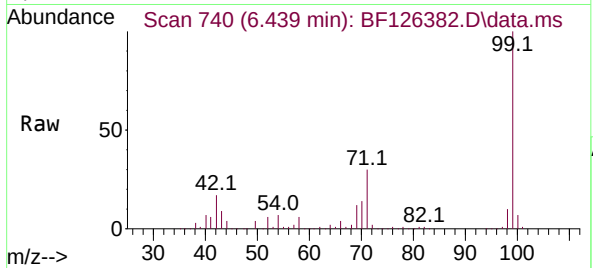




#7
Phenol-d6
Concen: 86.541 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

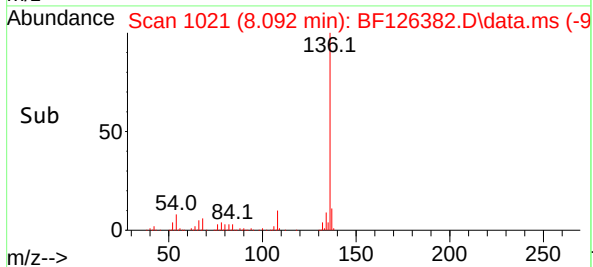
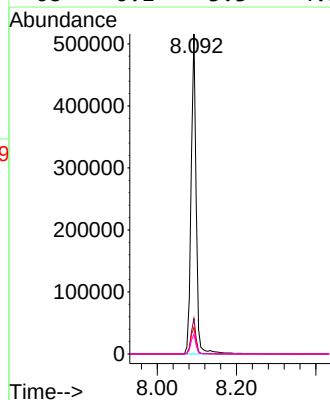
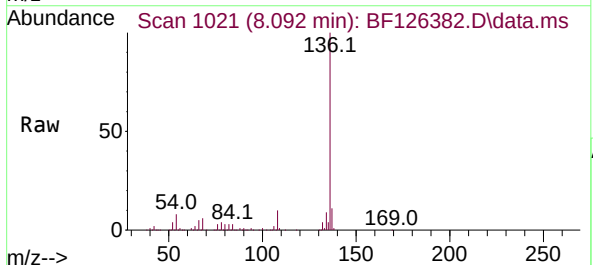
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-5-10

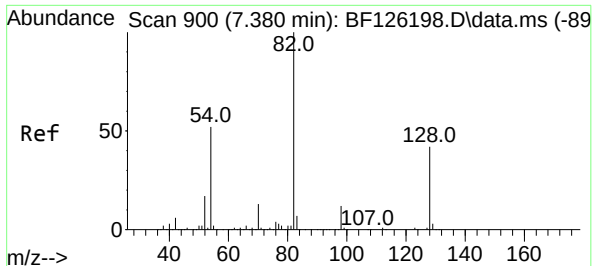
Tgt Ion: 99 Resp: 831375
Ion Ratio Lower Upper
99 100
42 16.9 23.5 35.3#
71 30.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Tgt Ion: 136 Resp: 456780
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 8.3 6.4 9.6
68 6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 63.214 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF126382.D

Acq: 28 Dec 2021 15:33

Instrument :

BNA_F

ClientSampleId :

SASP2-119-1-5-10

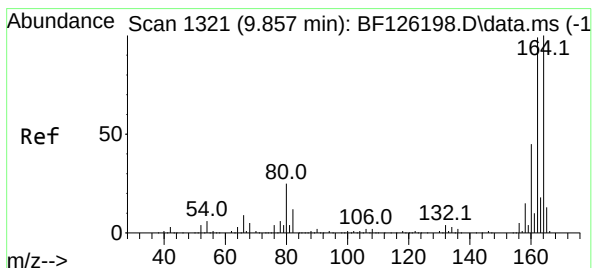
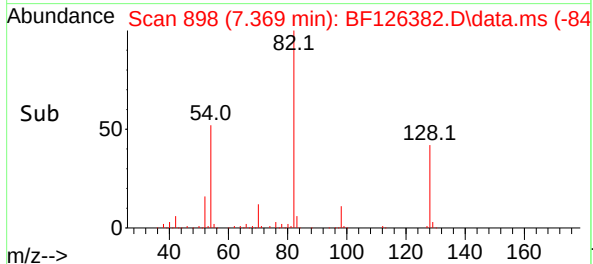
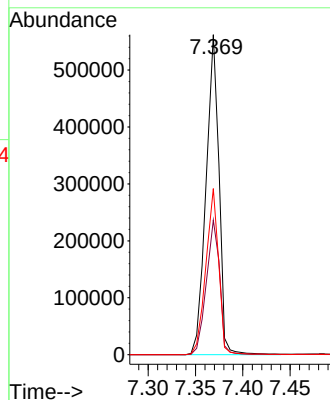
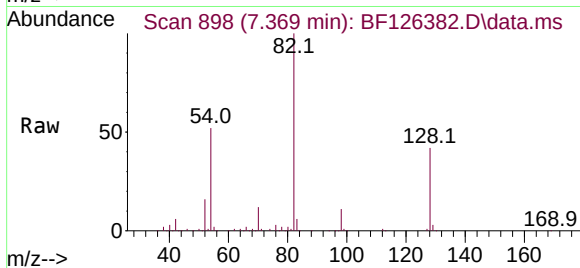
Tgt Ion: 82 Resp: 533149

Ion Ratio Lower Upper

82 100

128 42.1 40.6 60.8

54 51.9 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BF126382.D

Acq: 28 Dec 2021 15:33

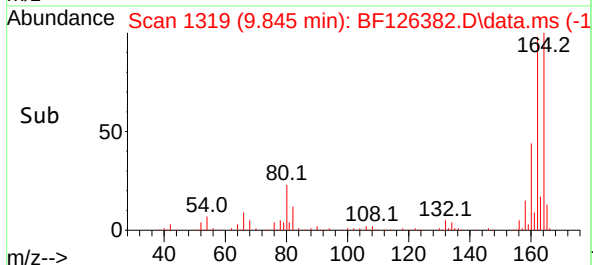
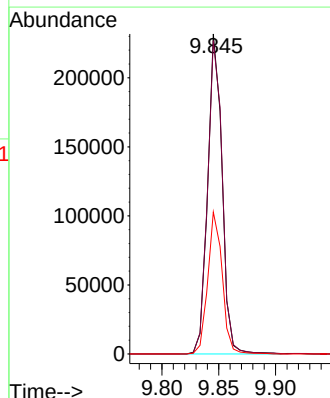
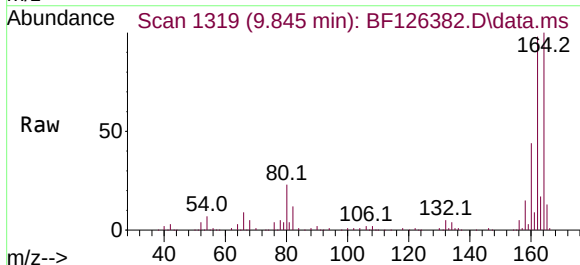
Tgt Ion: 164 Resp: 203092

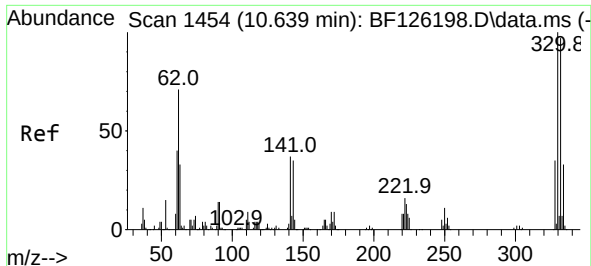
Ion Ratio Lower Upper

164 100

162 97.9 81.3 121.9

160 44.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 83.440 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF126382.D

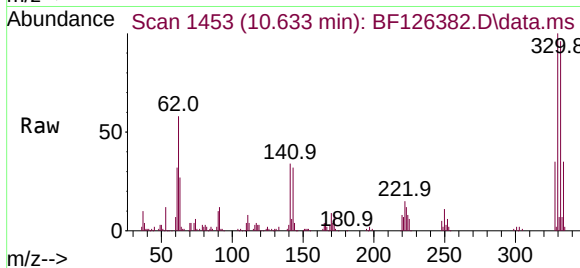
Acq: 28 Dec 2021 15:33

Instrument :

BNA_F

ClientSampleId :

SASP2-119-1-5-10



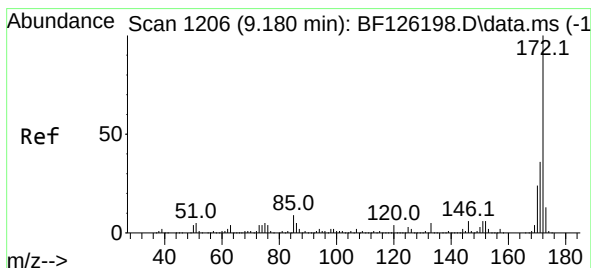
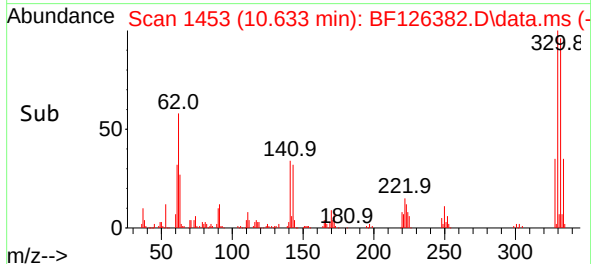
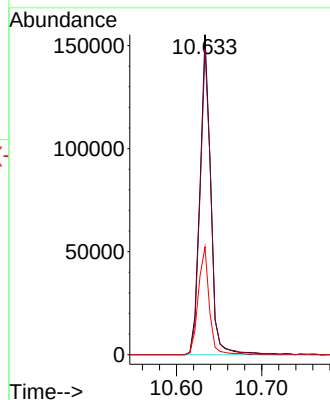
Tgt Ion:330 Resp: 136186

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 34.2 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 64.664 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF126382.D

Acq: 28 Dec 2021 15:33

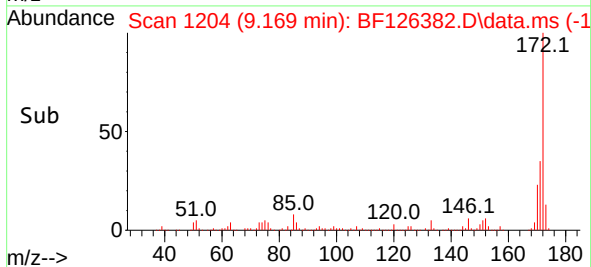
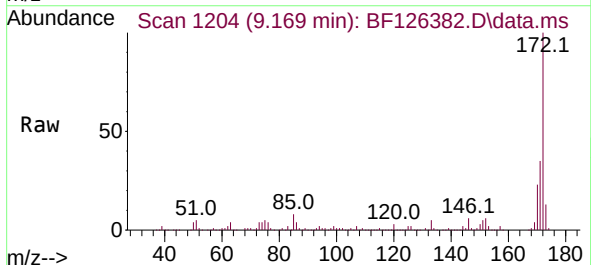
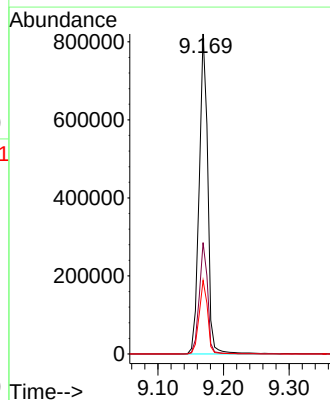
Tgt Ion:172 Resp: 748778

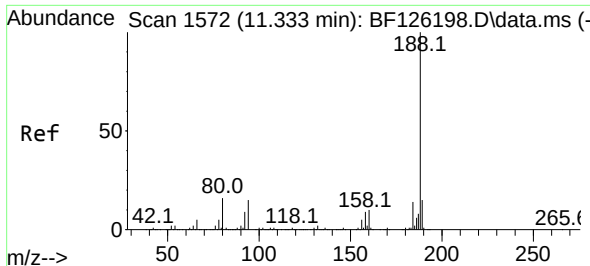
Ion Ratio Lower Upper

172 100

171 34.8 26.5 39.7

170 23.0 18.8 28.2

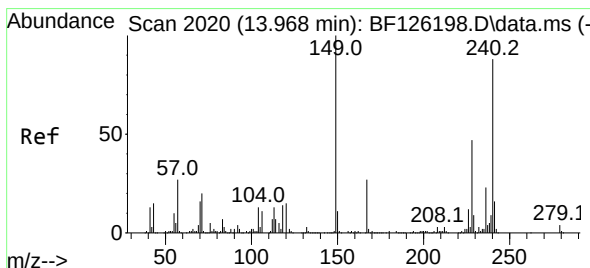
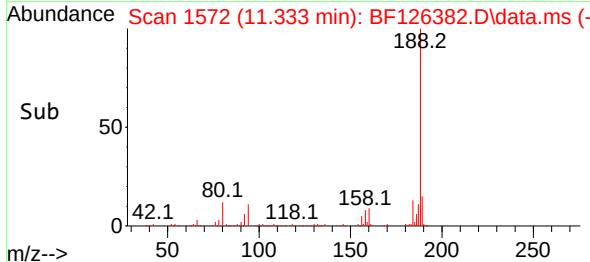
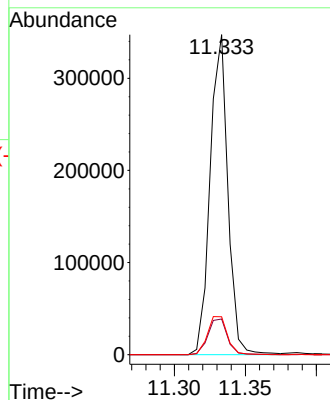
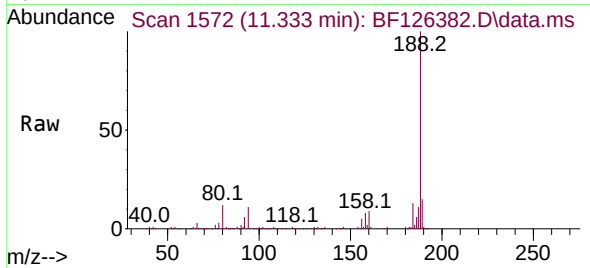




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

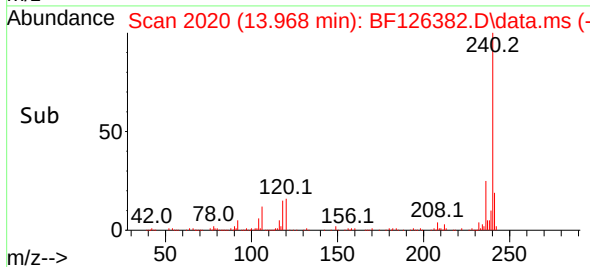
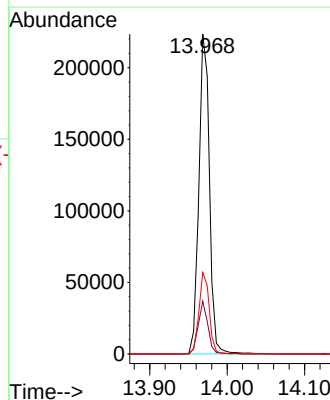
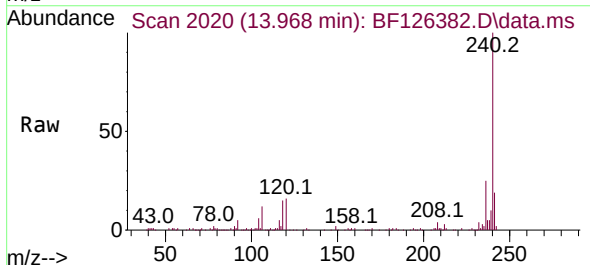
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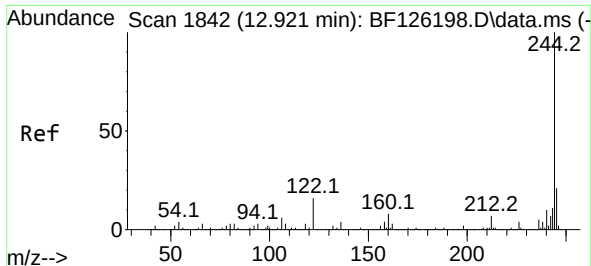
Tgt Ion:188 Resp: 301073
Ion Ratio Lower Upper
188 100
94 11.1 6.7 10.1#
80 11.9 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

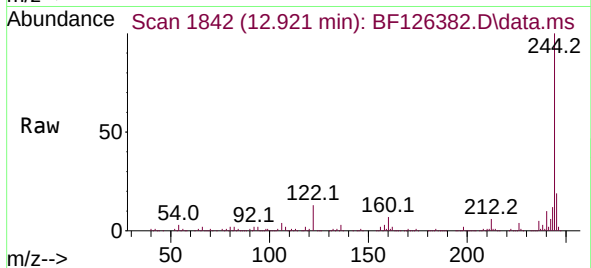
Tgt Ion:240 Resp: 211242
Ion Ratio Lower Upper
240 100
120 16.5 10.8 16.2#
236 25.4 21.6 32.4



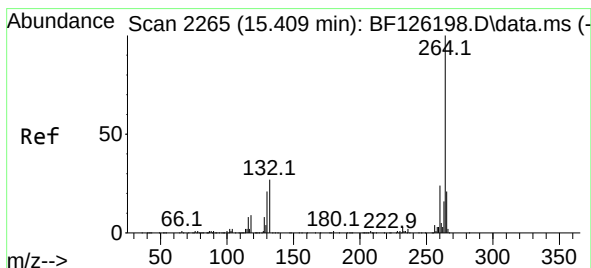
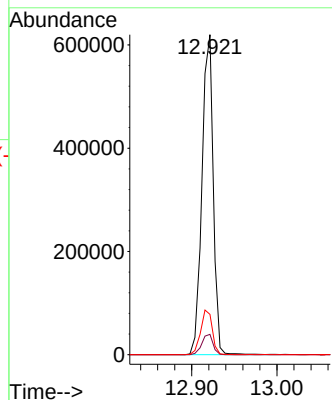
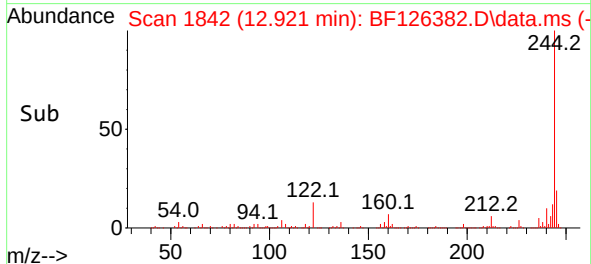


#79
 Terphenyl-d14
 Concen: 46.864 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126382.D
 Acq: 28 Dec 2021 15:33

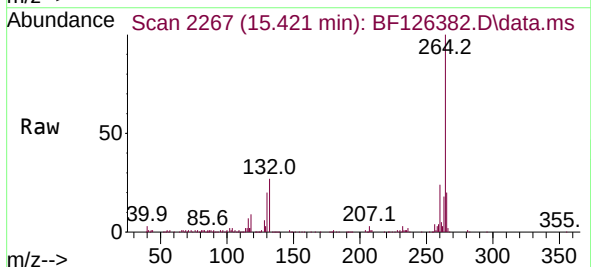
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 ClientSampleId :
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Tgt Ion:244 Resp: 569567
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 12.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126382.D
 Acq: 28 Dec 2021 15:33



Tgt Ion:264 Resp: 232835
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 20.3 17.2 25.8

