

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126184.D
 Acq On : 13 Nov 2021 23:41
 Operator : JU/CG
 Sample : M4573-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MBR1

Quant Time: Nov 15 10:03:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

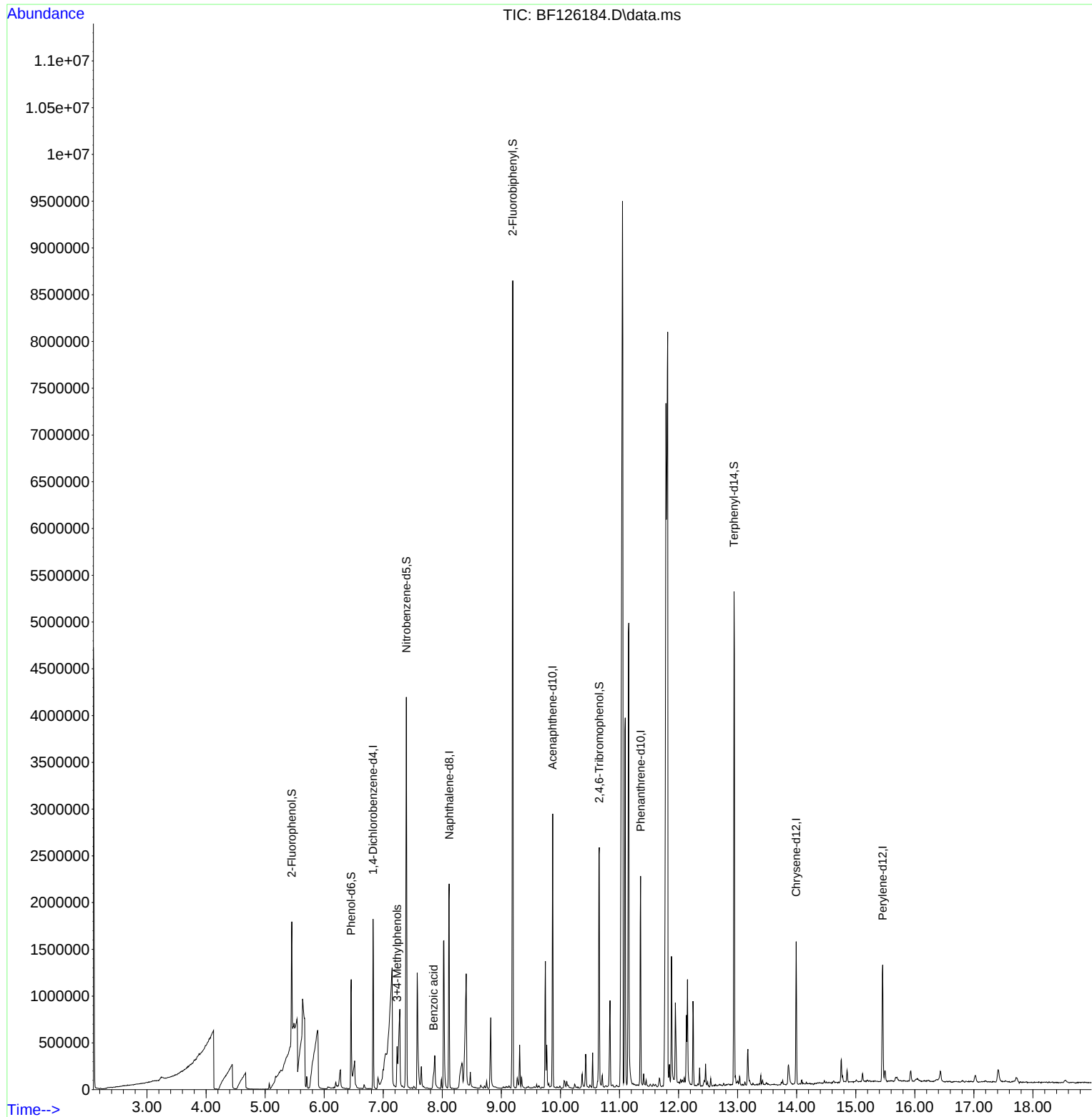
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	253516	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	934330	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	528514	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	759170	20.000	ng	0.00
76) Chrysene-d12	13.992	240	490635	20.000	ng	#-0.01
86) Perylene-d12	15.456	264	570847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	266147	18.028	ng	0.00
7) Phenol-d6	6.457	99	346548	16.653	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1354454	68.366	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	302721	49.980	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2442840	62.461	ng	0.00
79) Terphenyl-d14	12.939	244	1788965	58.797	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.233	107	78927	4.349	ng	# 75
32) Benzoic acid	7.851	122	40892	13.246	ng	91

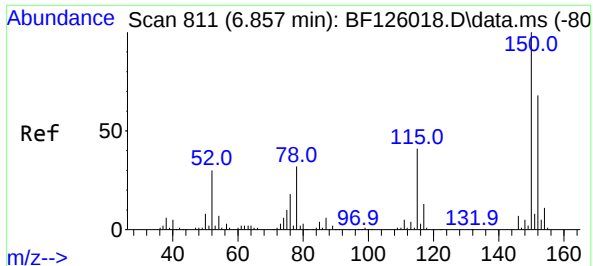
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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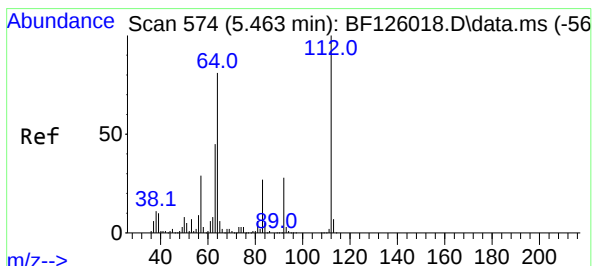
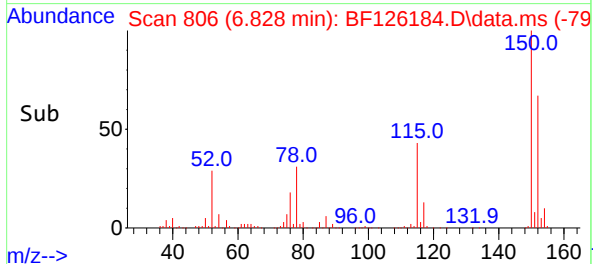
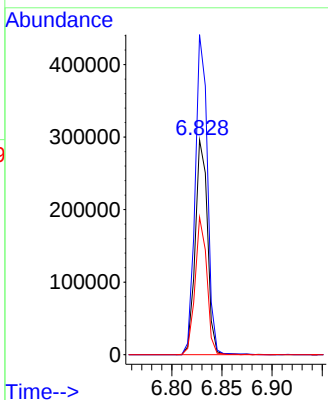
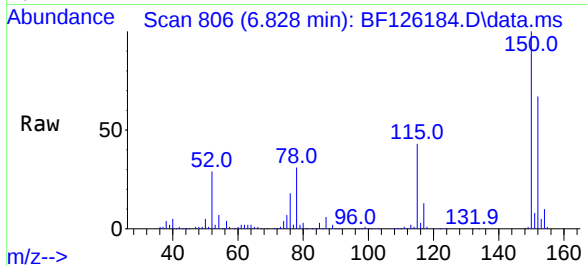




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

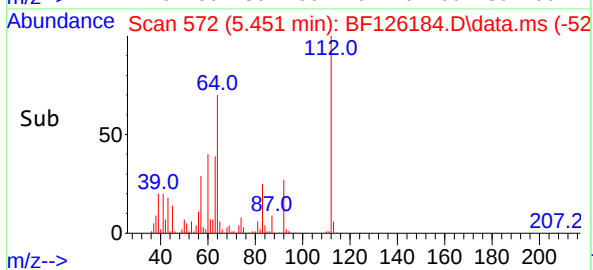
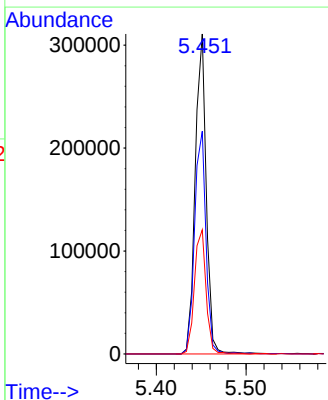
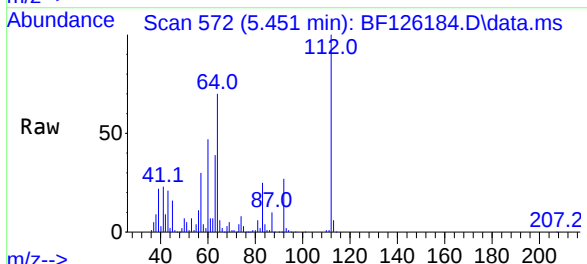
Instrument :
BNA_F
ClientSampleId :
MBR1

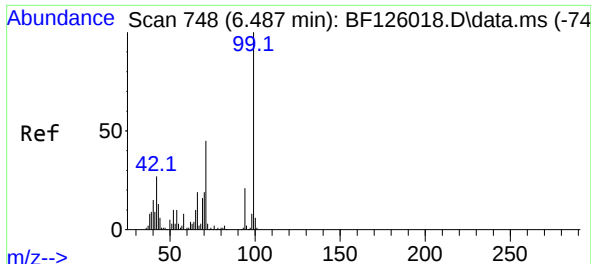
Tgt Ion:152 Resp: 253516
Ion Ratio Lower Upper
152 100
150 149.0 117.6 176.4
115 64.0 47.1 70.7



#5
2-Fluorophenol
Concen: 18.028 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

Tgt Ion:112 Resp: 266147
Ion Ratio Lower Upper
112 100
64 69.6 44.2 66.2#
63 38.8 26.2 39.2

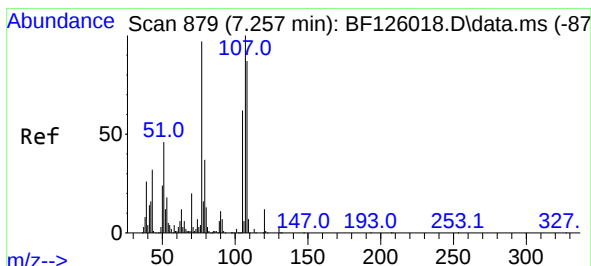
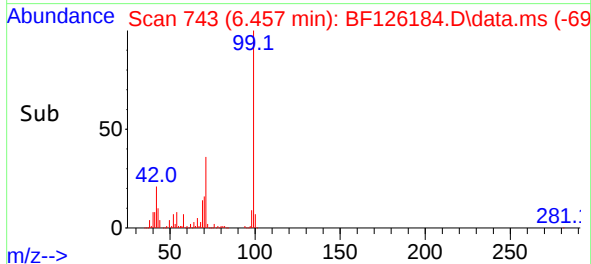
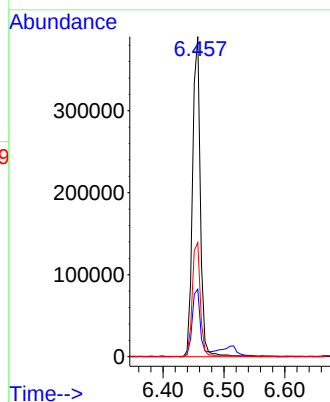
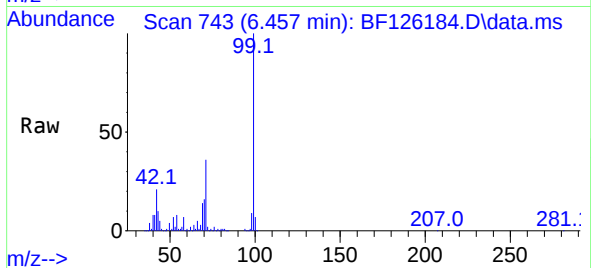




#7
Phenol-d6
Concen: 16.653 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

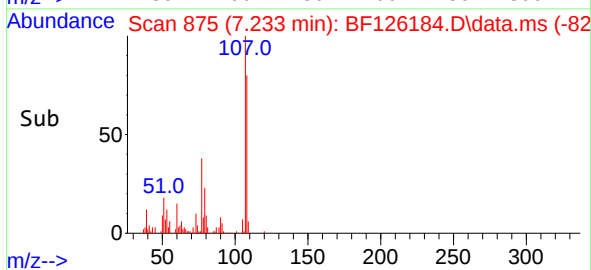
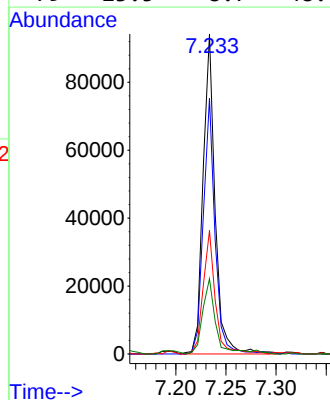
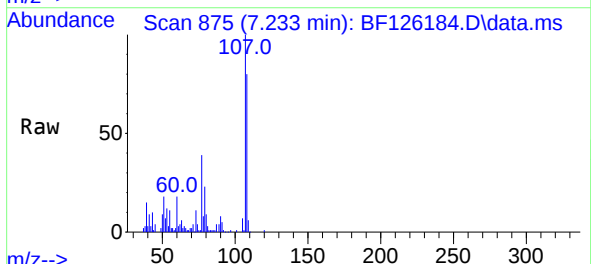
Instrument :
BNA_F
ClientSampleId :
MBR1

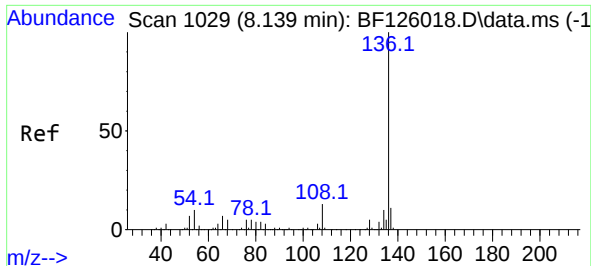
Tgt Ion: 99 Resp: 346548
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 35.7 25.6 38.4



#20
3+4-Methylphenols
Concen: 4.349 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

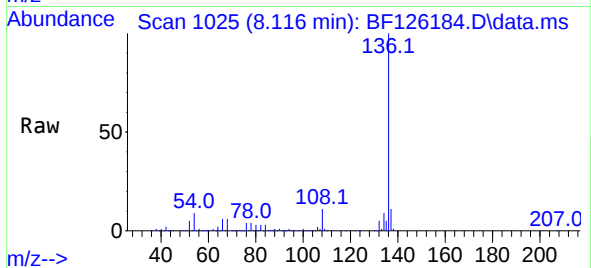
Tgt Ion:107 Resp: 78927
Ion Ratio Lower Upper
107 100
108 79.9 76.6 116.6
77 38.6 53.3 93.3#
79 23.5 8.7 48.7



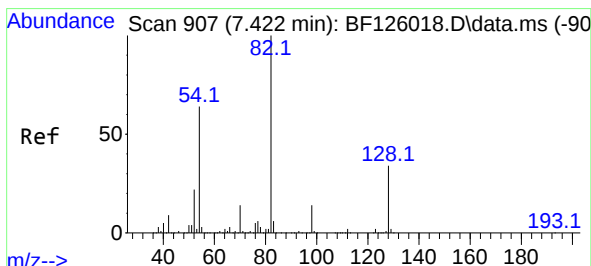
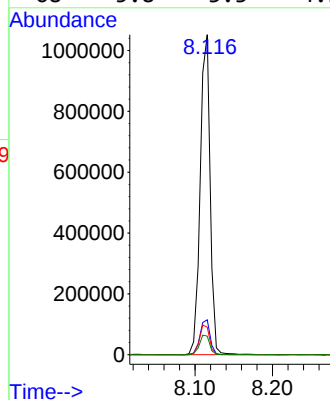
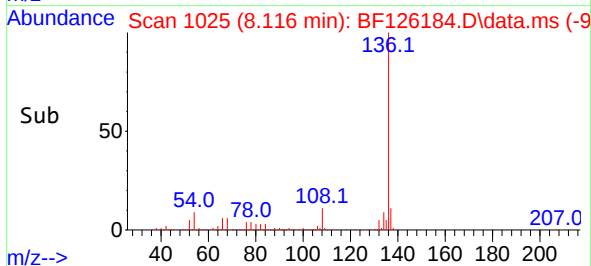


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

Instrument :
BNA_F
ClientSampleId :
MBR1

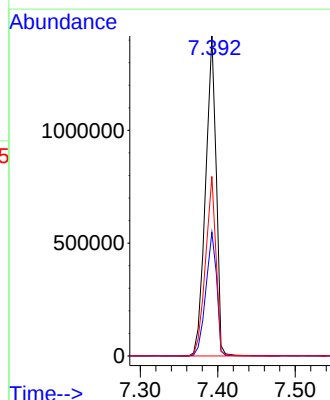
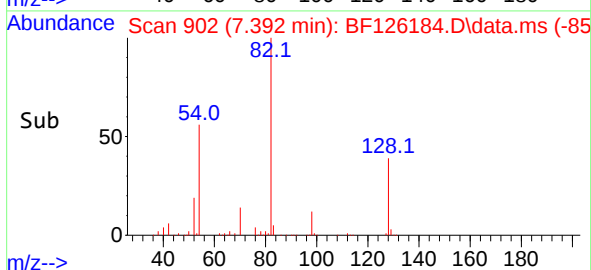
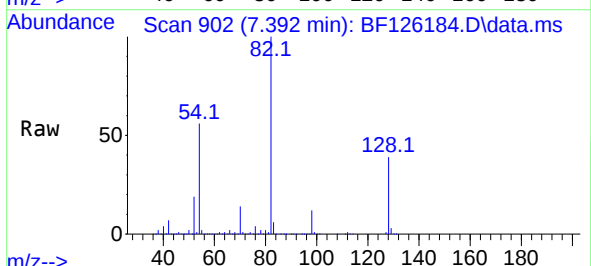


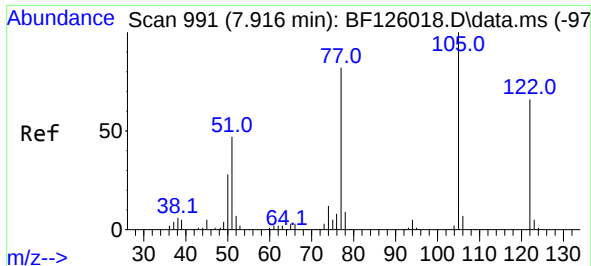
Tgt Ion:136 Resp: 934330
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 8.6 6.4 9.6
68 5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.366 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

Tgt Ion: 82 Resp: 1354454
Ion Ratio Lower Upper
82 100
128 38.7 40.6 60.8#
54 56.1 49.6 74.4

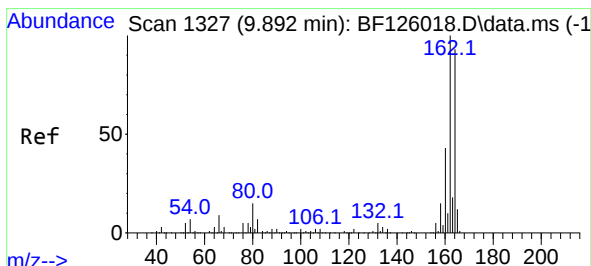
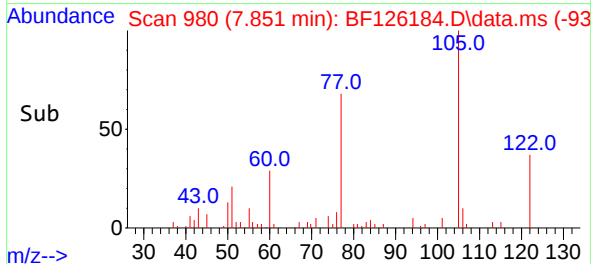
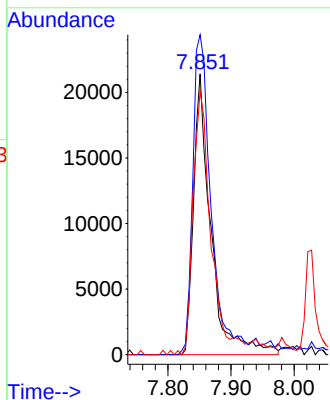
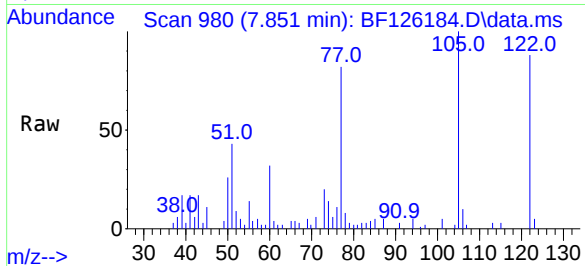




#32
Benzoic acid
Concen: 13.246 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.047 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

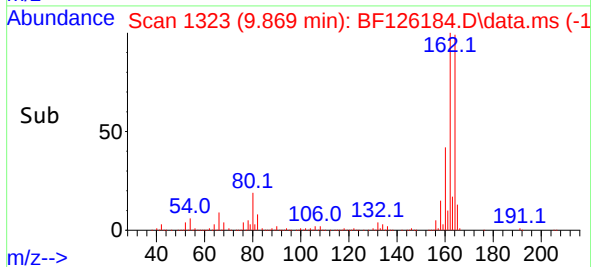
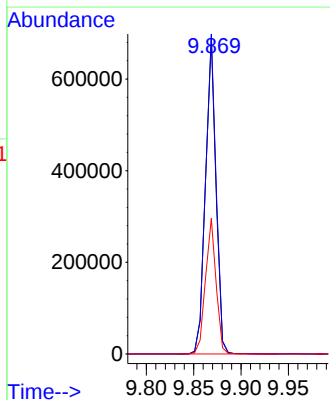
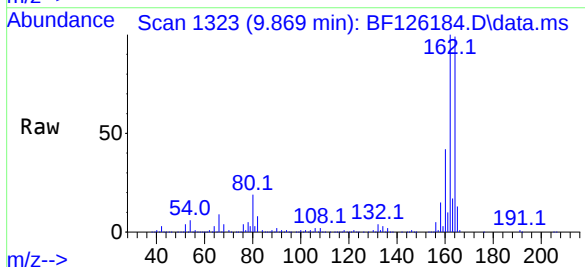
Instrument :
BNA_F
ClientSampleId :
MBR1

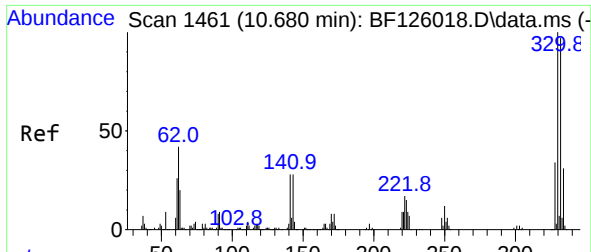
Tgt Ion:	122	Resp:	40892
Ion	Ratio	Lower	Upper
122	100		
105	114.0	97.6	137.6
77	93.9	59.6	99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

Tgt Ion:	164	Resp:	528514
Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	42.9	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 49.980 ng

RT: 10.657 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF126184.D

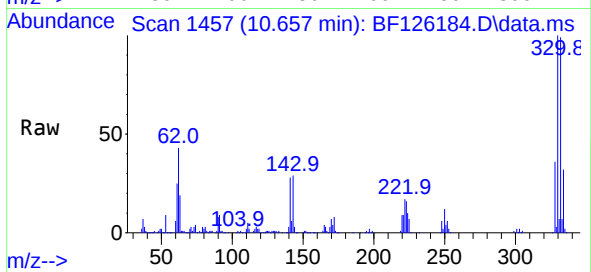
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Instrument :

BNA_F

ClientSampleId :

MBR1



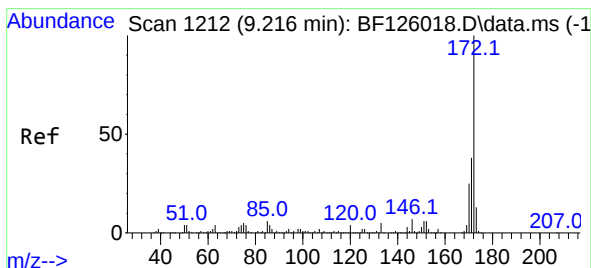
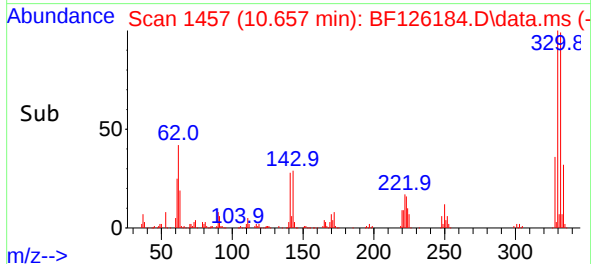
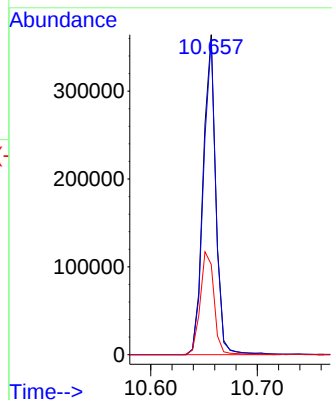
Tgt Ion:330 Resp: 302721

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

141 35.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 62.461 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF126184.D

Acq: 13 Nov 2021 23:41

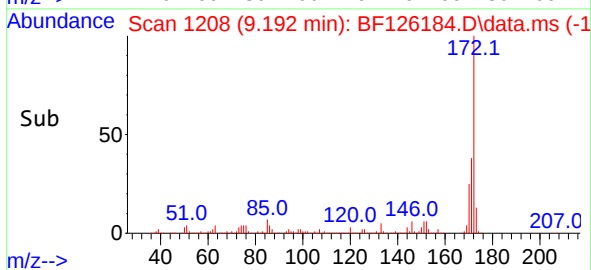
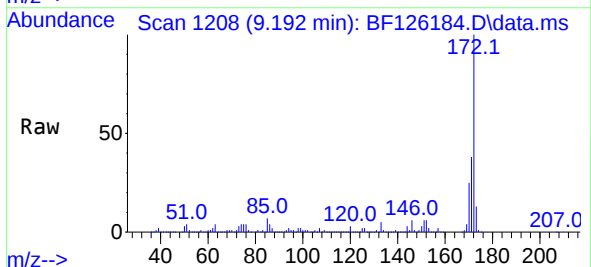
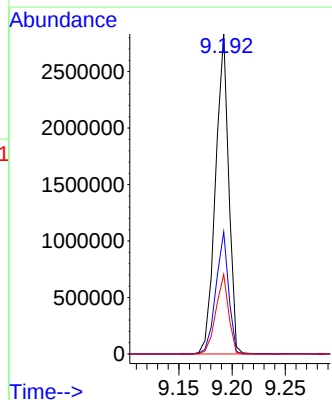
Tgt Ion:172 Resp: 2442840

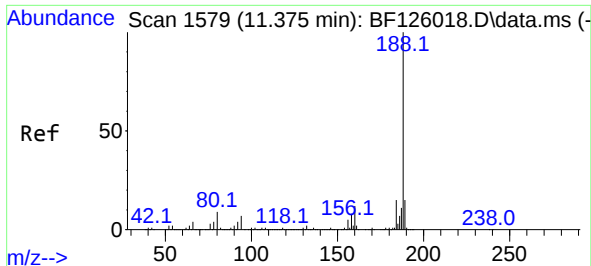
Ion Ratio Lower Upper

172 100

171 38.1 26.5 39.7

170 24.9 18.8 28.2

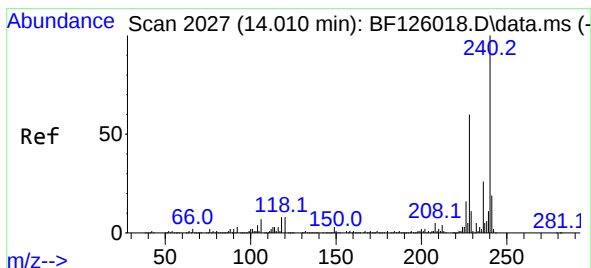
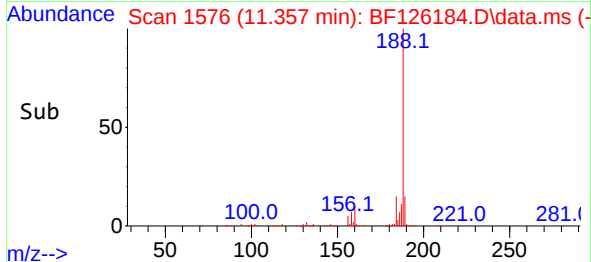
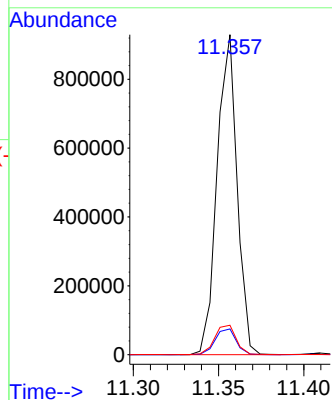
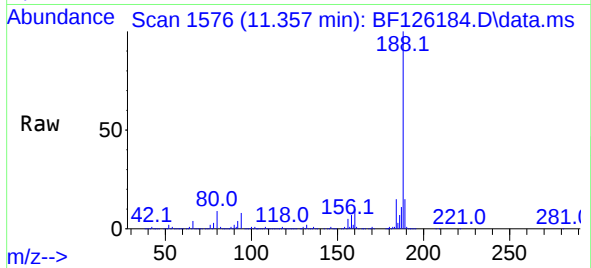




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

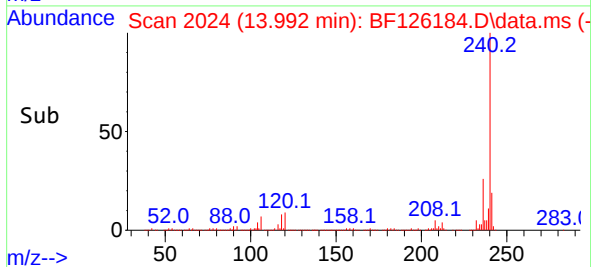
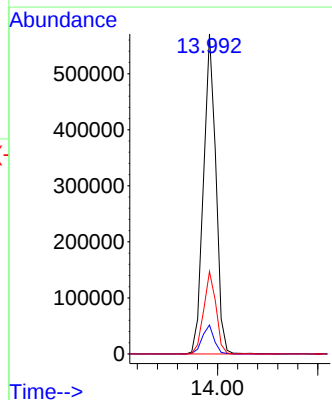
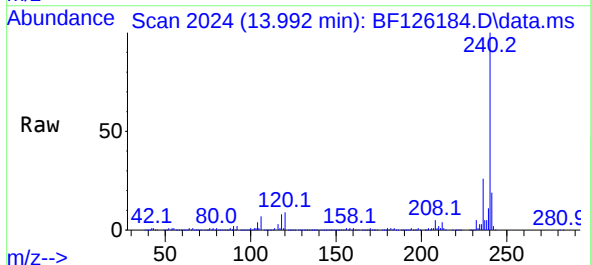
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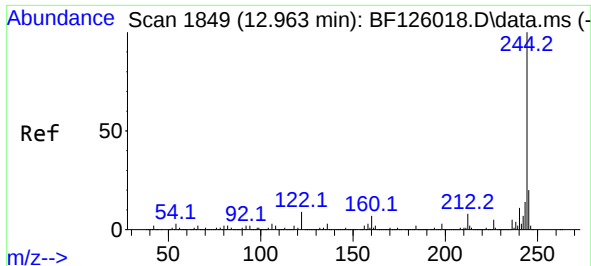
Tgt Ion:188 Resp: 759170
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF126184.D
Acq: 13 Nov 2021 23:41

Tgt Ion:240 Resp: 490635
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 25.7 21.6 32.4

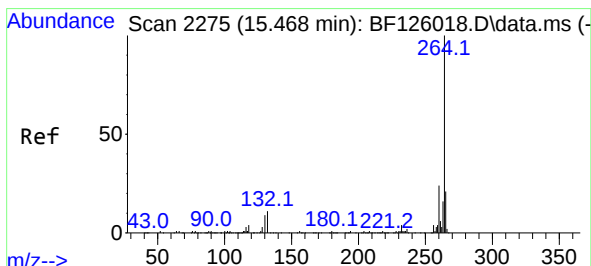
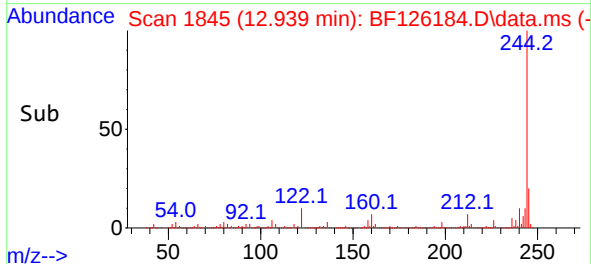
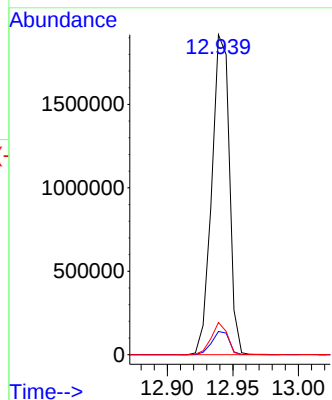
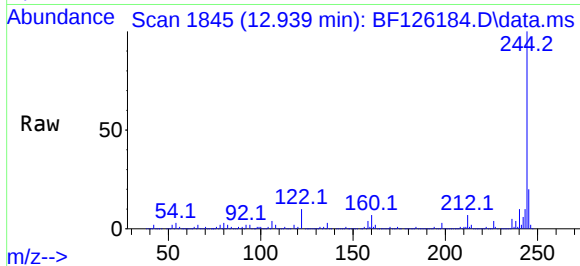




#79
 Terphenyl-d14
 Concen: 58.797 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126184.D
 Acq: 13 Nov 2021 23:41

Instrument :
 BNA_F
 ClientSampleId :
 MBR1

Tgt Ion:244 Resp: 1788965
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF126184.D
 Acq: 13 Nov 2021 23:41

Tgt Ion:264 Resp: 570847
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 21.4 17.2 25.8

