

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126183.D
 Acq On : 13 Nov 2021 23:07
 Operator : JU/CG
 Sample : M4573-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MBR2

Quant Time: Nov 15 10:03:26 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)

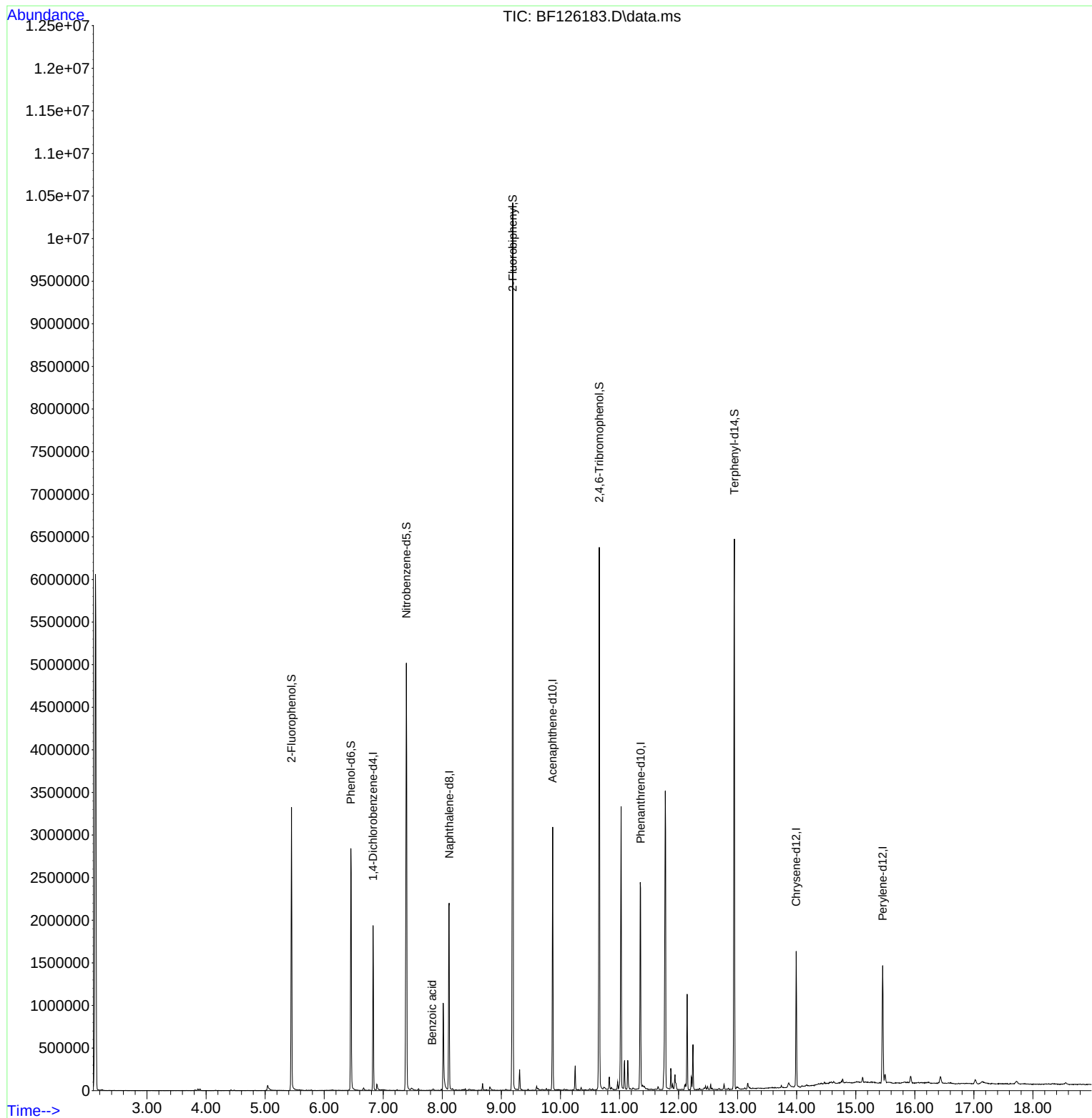
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	266516	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1001620	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	574928	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	910345	20.000	ng	0.00
76) Chrysene-d12	13.992	240	506039	20.000	ng	#-0.01
86) Perylene-d12	15.456	264	628363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	735377	47.384	ng	0.00
7) Phenol-d6	6.451	99	894909	40.905	ng	-0.02
23) Nitrobenzene-d5	7.392	82	1843233	86.787	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	716855	108.801	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	3254694	76.501	ng	0.00
79) Terphenyl-d14	12.945	244	2151043	68.545	ng	0.00
Target Compounds						
32) Benzoic acid	7.827	122	2024	9.331	ng	# 77

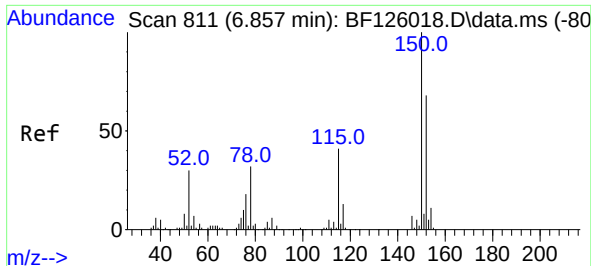
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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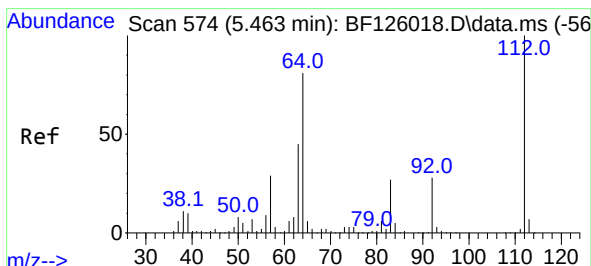
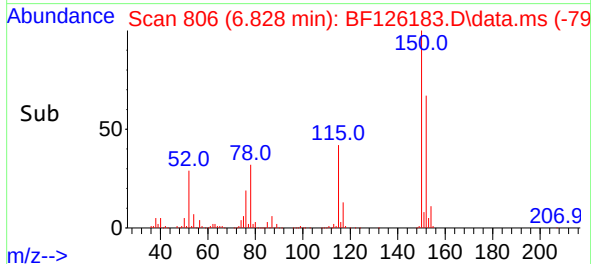
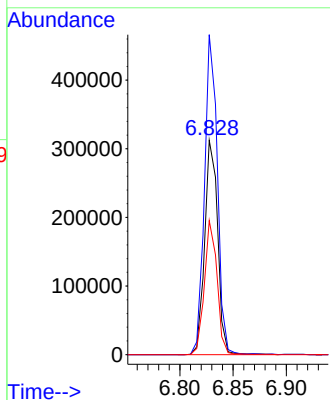
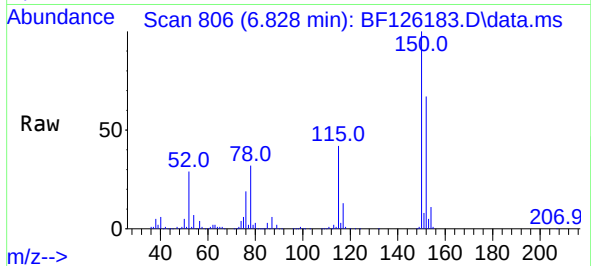




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

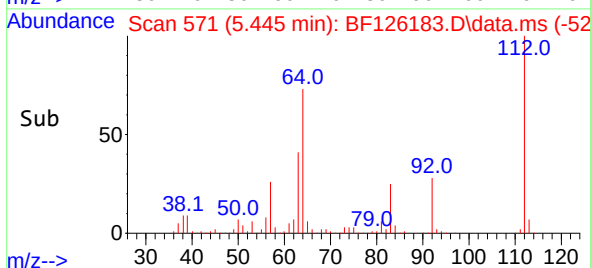
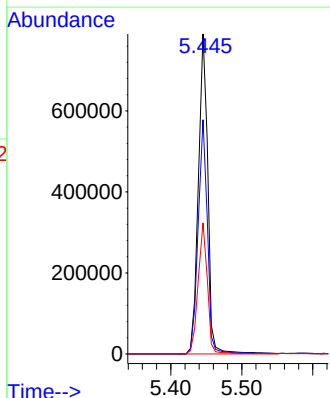
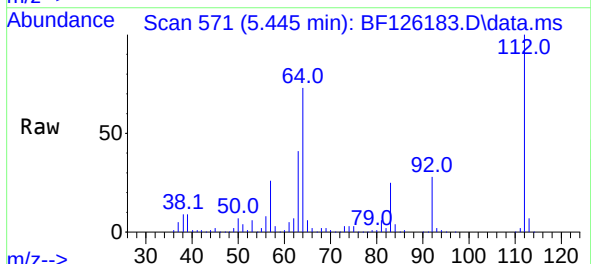
Instrument :
BNA_F
ClientSampleId :
MBR2

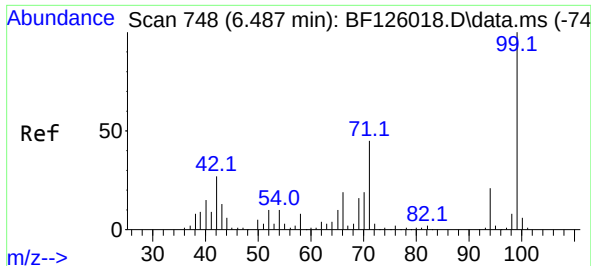
Tgt Ion:152 Resp: 266516
Ion Ratio Lower Upper
152 100
150 149.3 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 47.384 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.000 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:112 Resp: 735377
Ion Ratio Lower Upper
112 100
64 73.2 44.2 66.2#
63 41.0 26.2 39.2#

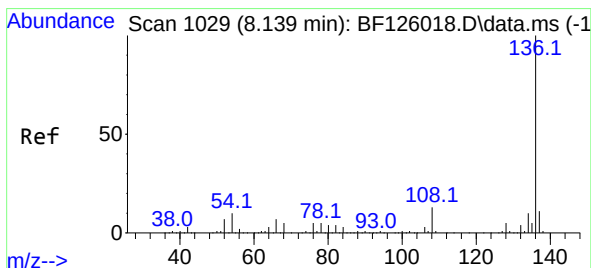
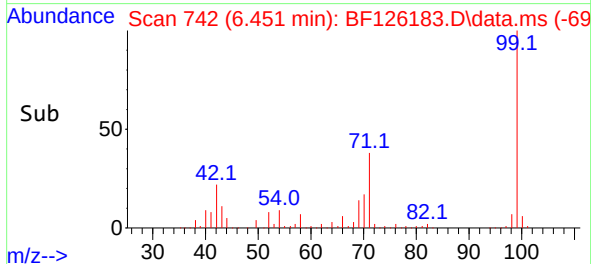
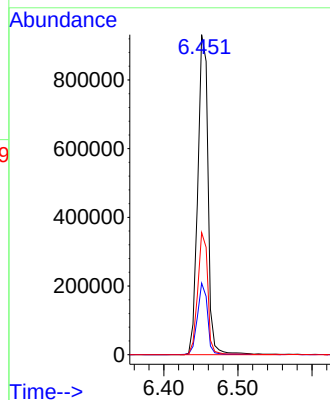
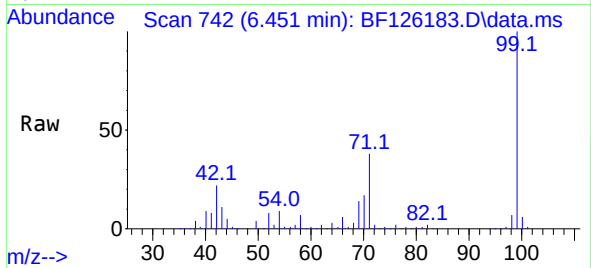




#7
Phenol-d6
Concen: 40.905 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

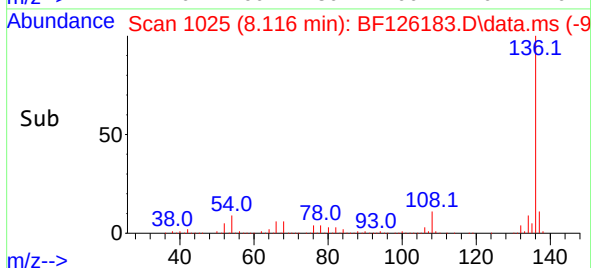
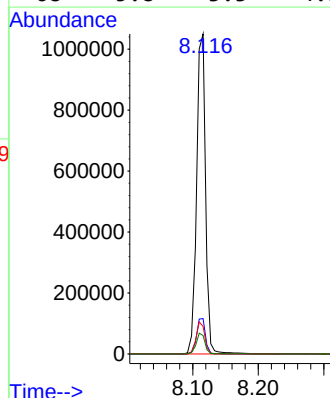
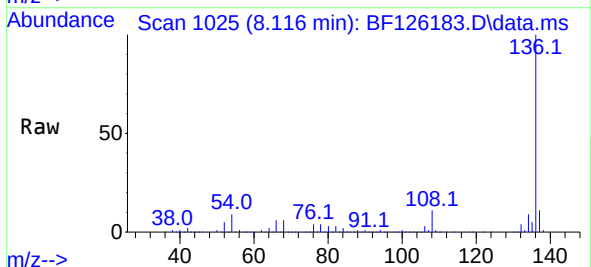
Instrument :
BNA_F
ClientSampleId :
MBR2

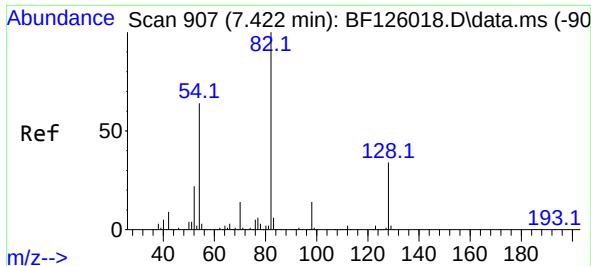
Tgt Ion: 99 Resp: 894909
Ion Ratio Lower Upper
99 100
42 22.4 23.5 35.3#
71 38.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:136 Resp: 1001620
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 8.6 6.4 9.6
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 86.787 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF126183.D

Acq: 13 Nov 2021 23:07

Instrument :

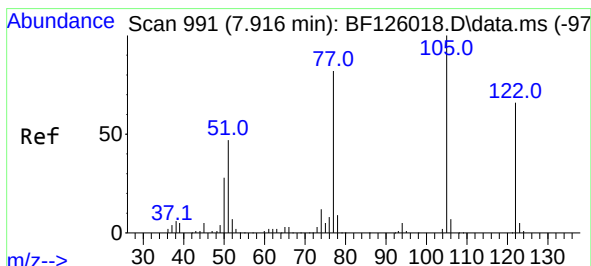
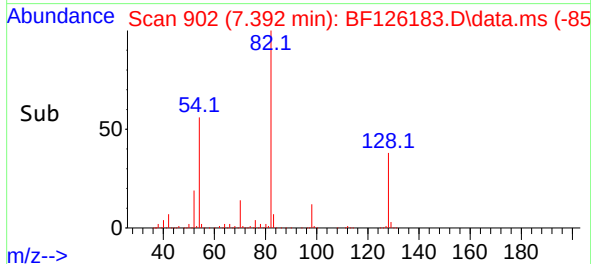
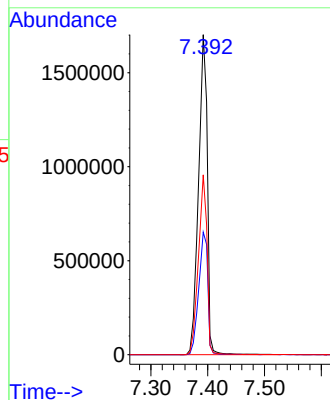
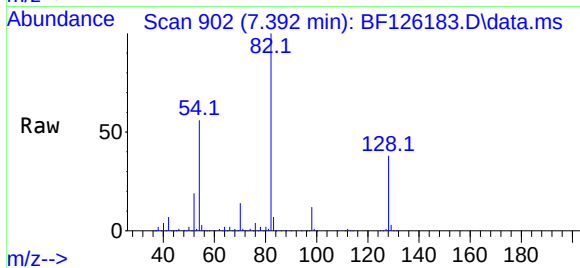
BNA_F

ClientSampleId :

MBR2

Tgt Ion: 82 Resp: 1843233

Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.6	60.8#
54	56.2	49.6	74.4



#32

Benzoic acid

Concen: 9.331 ng

RT: 7.827 min Scan# 976

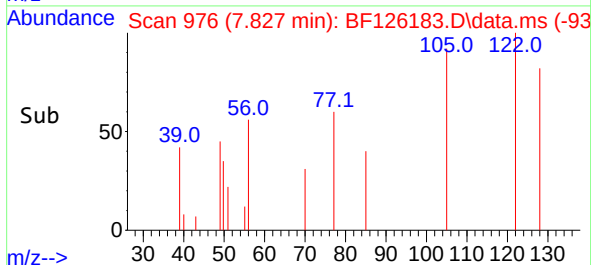
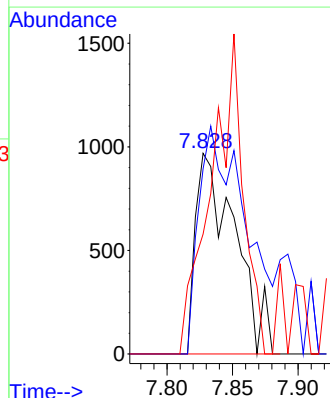
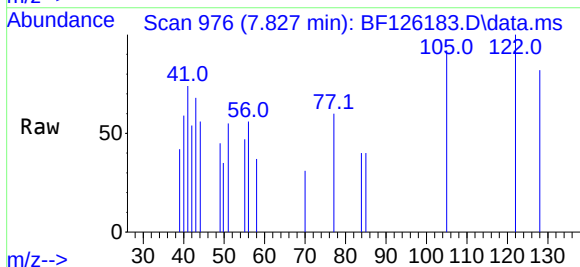
Delta R.T. -0.071 min

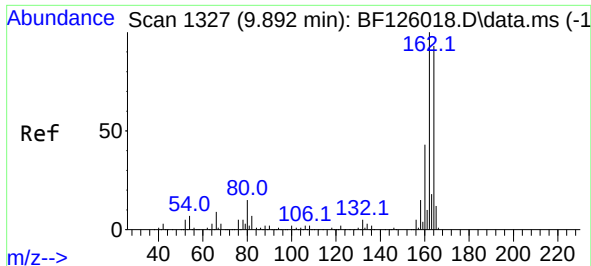
Lab File: BF126183.D

Acq: 13 Nov 2021 23:07

Tgt Ion:122 Resp: 2024

Ion	Ratio	Lower	Upper
122	100		
105	92.3	97.6	137.6#
77	59.8	59.6	99.6

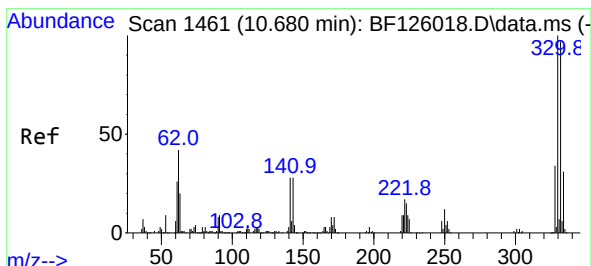
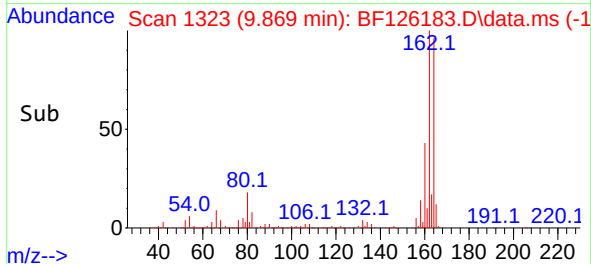
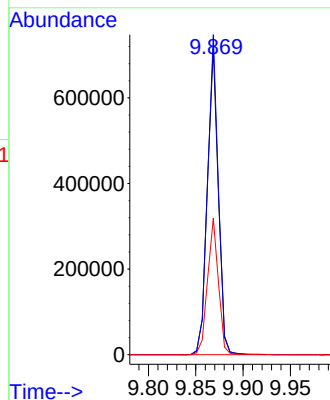
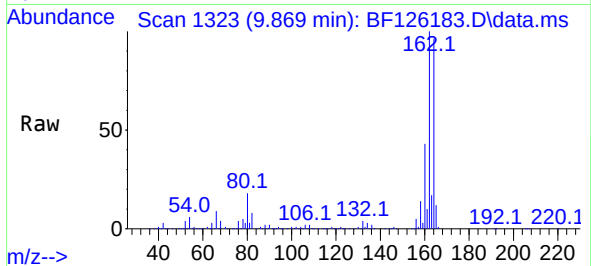




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

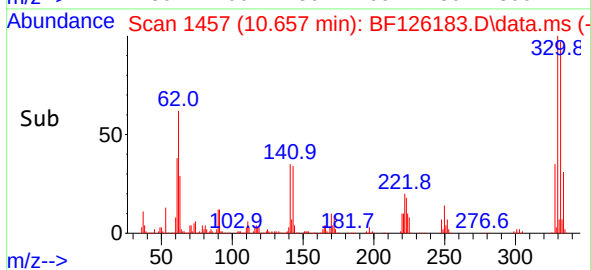
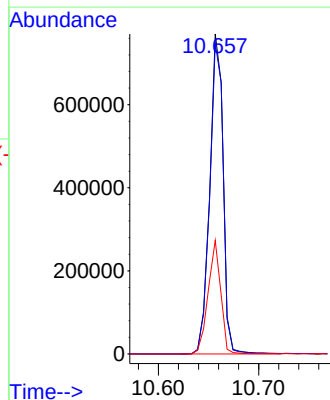
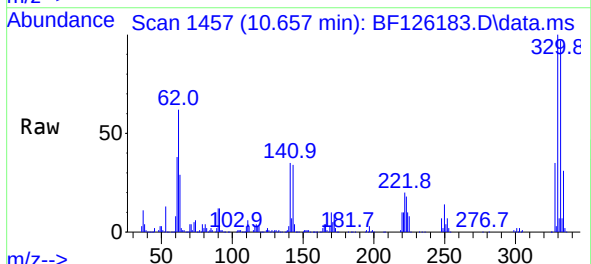
Instrument :
BNA_F
ClientSampleId :
MBR2

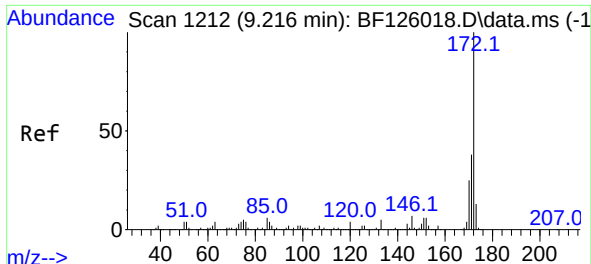
Tgt Ion:164 Resp: 574928
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 108.801 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:330 Resp: 716855
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 33.7 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 76.501 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126183.D

Acq: 13 Nov 2021 23:07

Instrument :

BNA_F

ClientSampleId :

MBR2

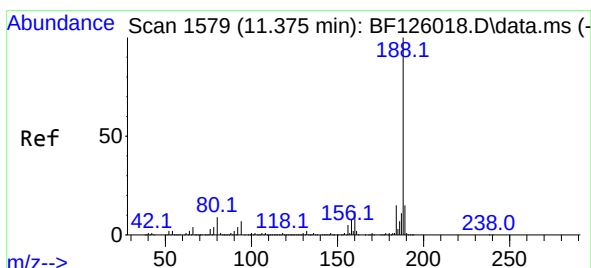
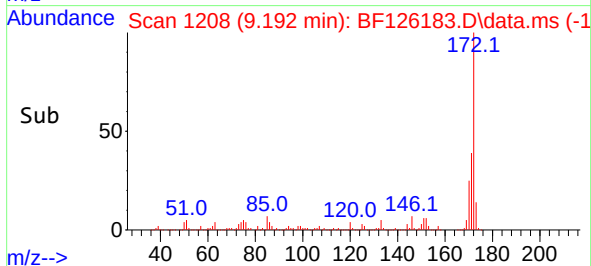
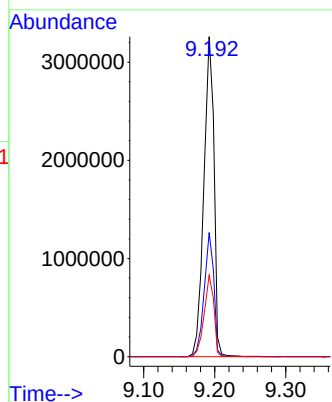
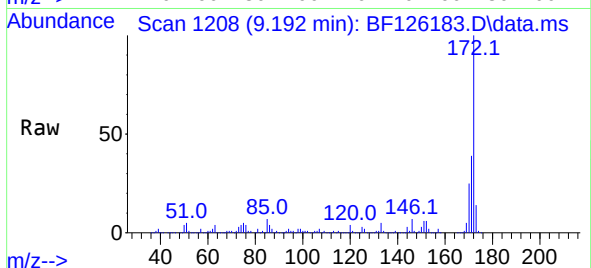
Tgt Ion:172 Resp: 3254694

Ion Ratio Lower Upper

172 100

171 38.8 26.5 39.7

170 25.5 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF126183.D

Acq: 13 Nov 2021 23:07

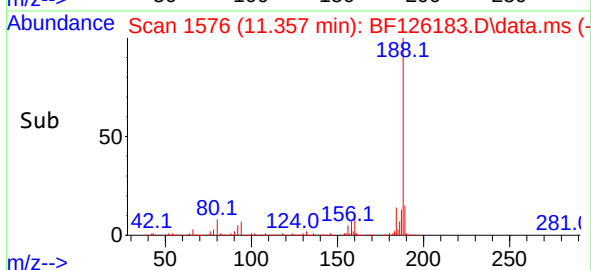
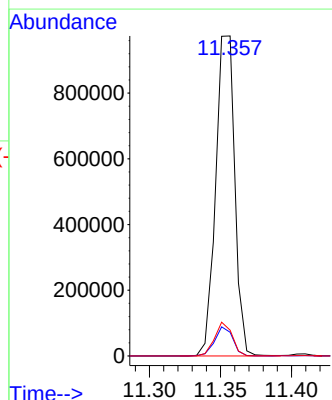
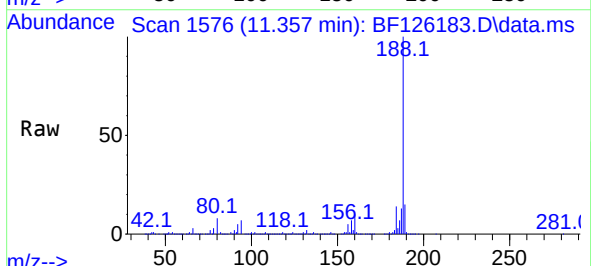
Tgt Ion:188 Resp: 910345

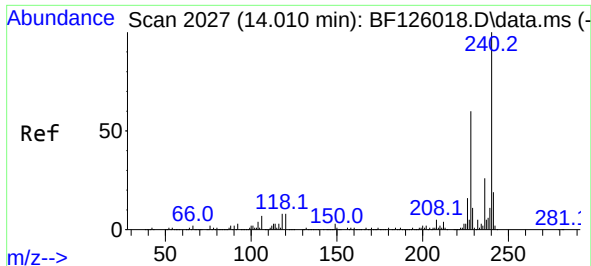
Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

80 8.1 7.5 11.3

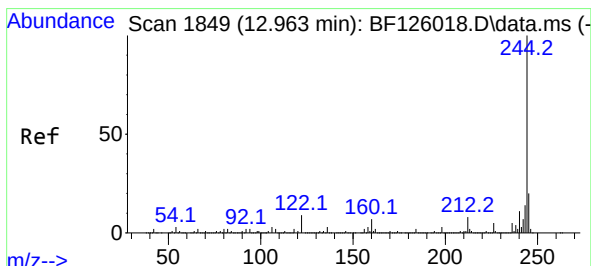
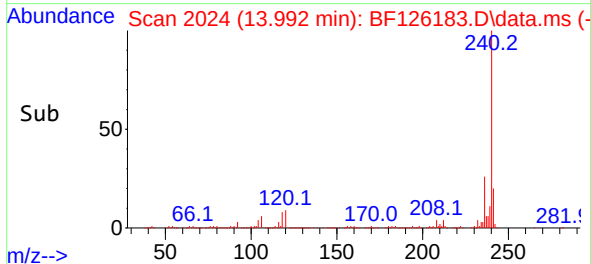
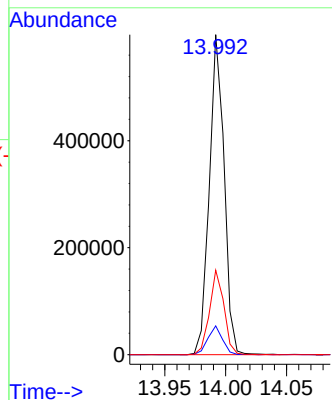
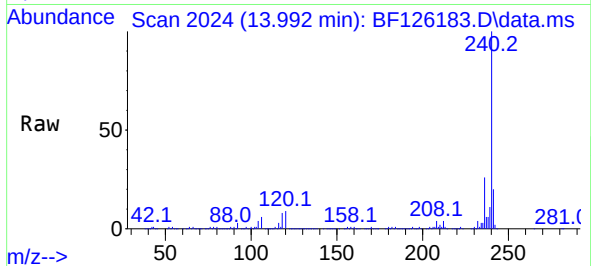




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

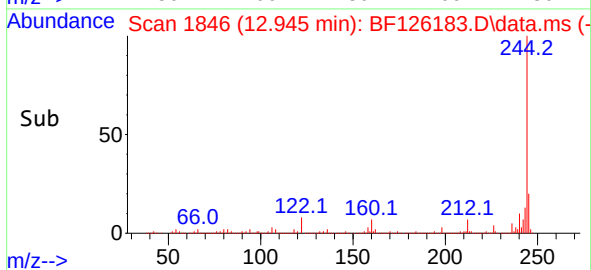
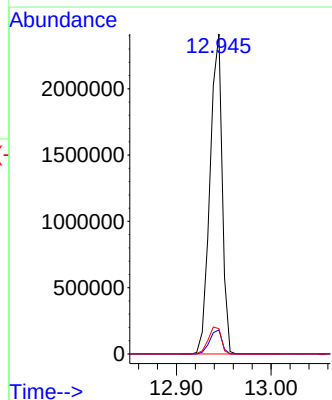
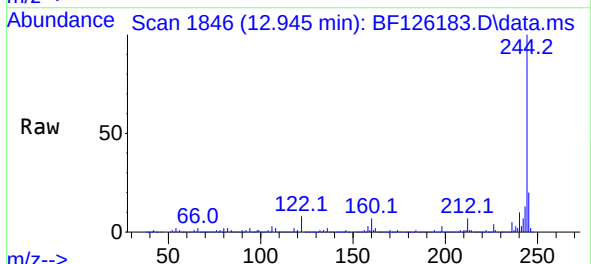
Instrument :
BNA_F
ClientSampleId :
MBR2

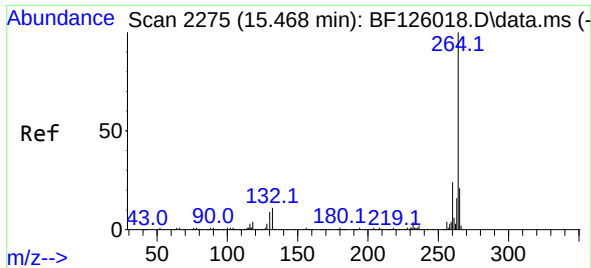
Tgt Ion:240 Resp: 506039
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 26.4 21.6 32.4



#79
Terphenyl-d14
Concen: 68.545 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF126183.D
Acq: 13 Nov 2021 23:07

Tgt Ion:244 Resp: 2151043
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 7.9 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126183.D
 Acq: 13 Nov 2021 23:07

Instrument :
 BNA_F
 ClientSampleId :
 MBR2

Tgt Ion:264 Resp: 628363

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.2	17.2	25.8

