

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126985.D
 Acq On : 21 Feb 2022 20:48
 Operator : CG\JU
 Sample : N1602-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-3-COMP

Quant Time: Feb 22 03:51:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91163	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	366390	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	190943	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	336345	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	145078	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	161576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	459555	77.913	ng	0.00
7) Phenol-d6	6.534	99	427306	53.689	ng	-0.01
23) Nitrobenzene-d5	7.481	82	879384	108.335	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	313194	142.461	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1461321	112.667	ng	0.00
79) Terphenyl-d14	13.033	244	1381613	139.995	ng	0.00

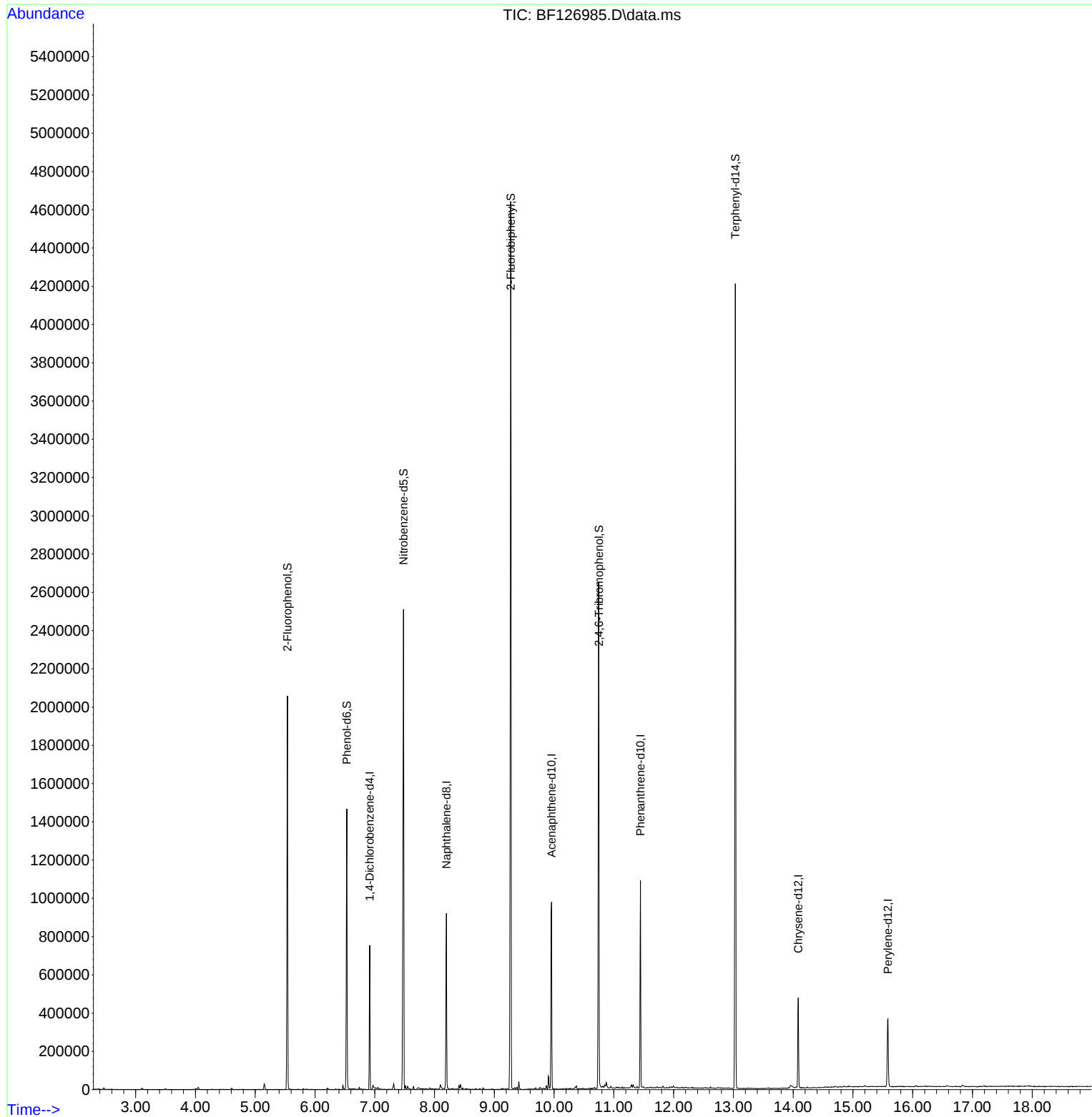
Target Compounds	Qvalue

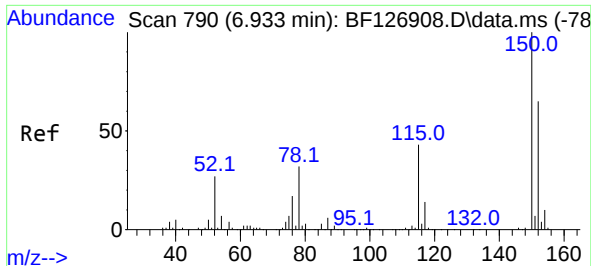
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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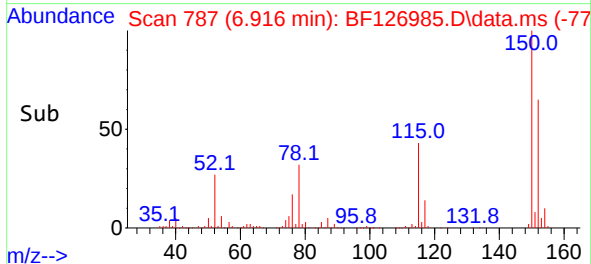
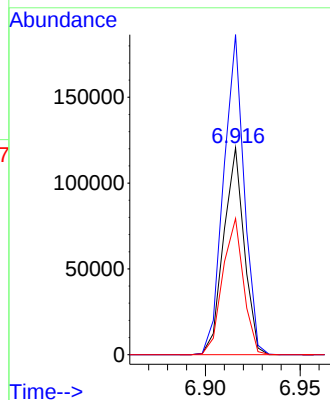
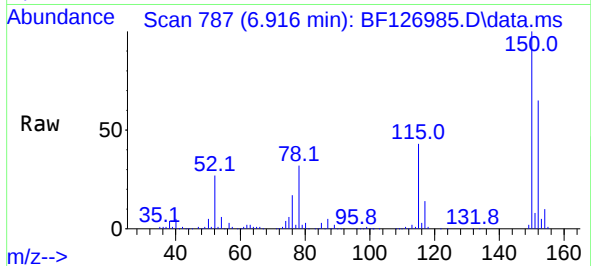




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

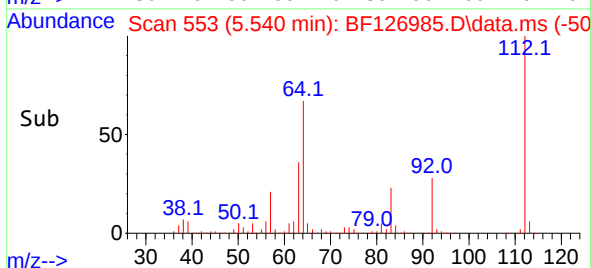
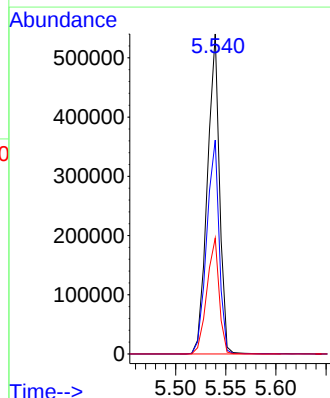
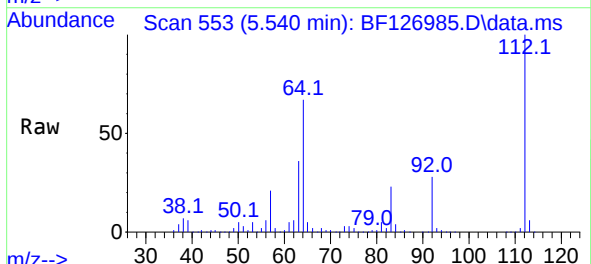
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BNA_F
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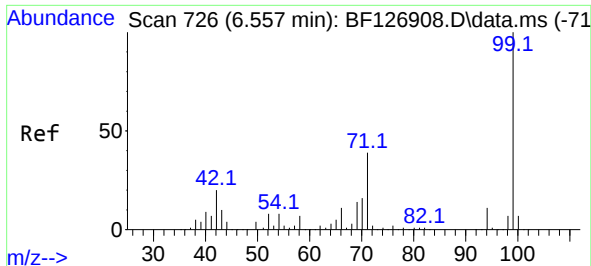
Tgt Ion:152 Resp: 91163
Ion Ratio Lower Upper
152 100
150 154.6 128.1 192.1
115 65.8 56.7 85.1



#5
2-Fluorophenol
Concen: 77.913 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

Tgt Ion:112 Resp: 459555
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 36.2 23.9 35.9#

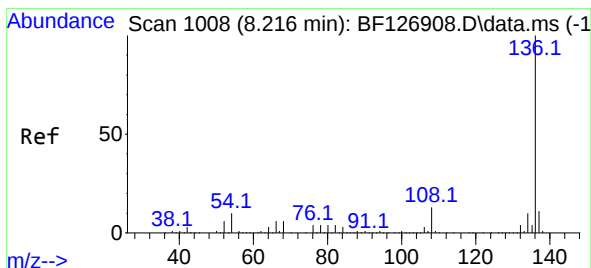
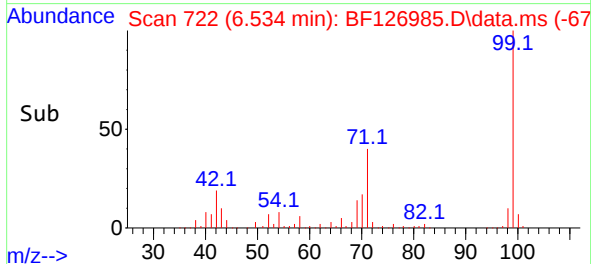
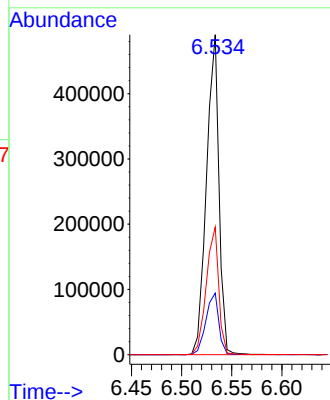
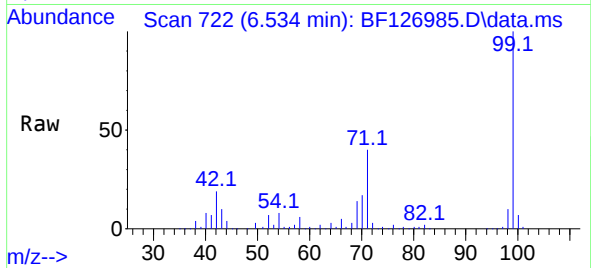




#7
Phenol-d6
Concen: 53.689 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

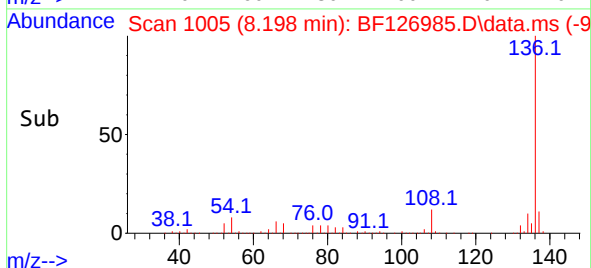
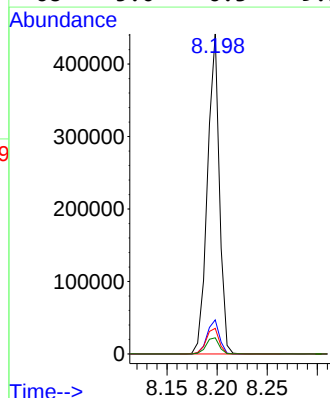
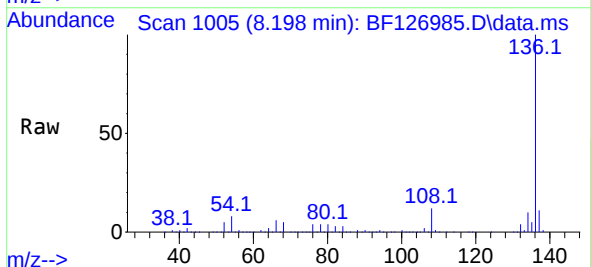
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-3-COMP

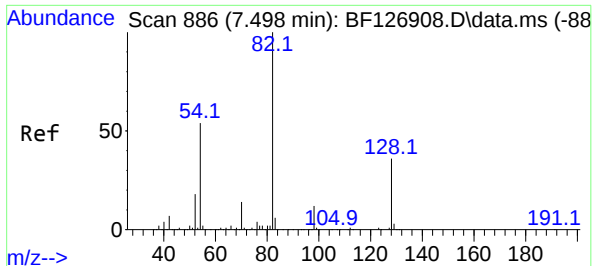
Tgt Ion: 99 Resp: 427306
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 39.9 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

Tgt Ion: 136 Resp: 366390
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.0 7.8 11.6
68 5.0 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 108.335 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

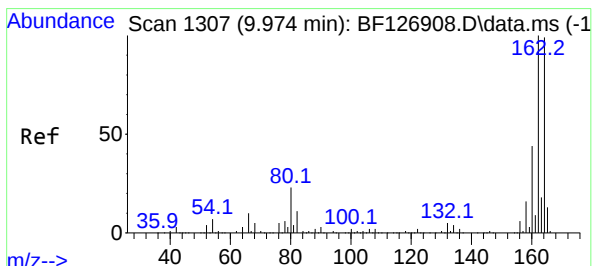
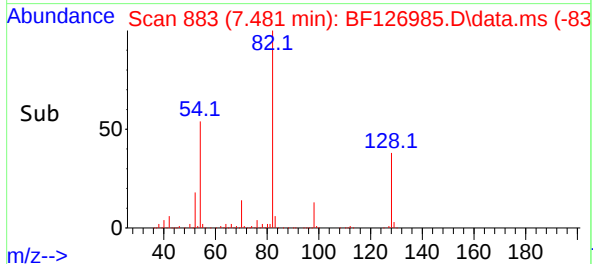
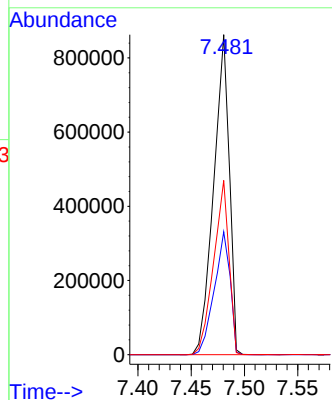
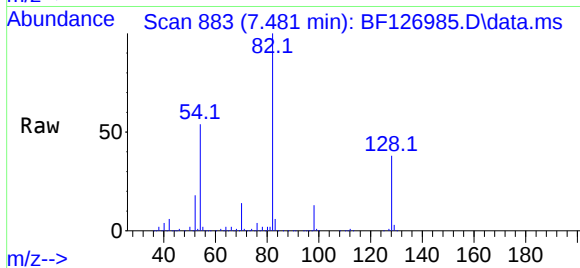
BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-3-COMP

Tgt Ion: 82 Resp: 879384

Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.7	49.1
54	54.4	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

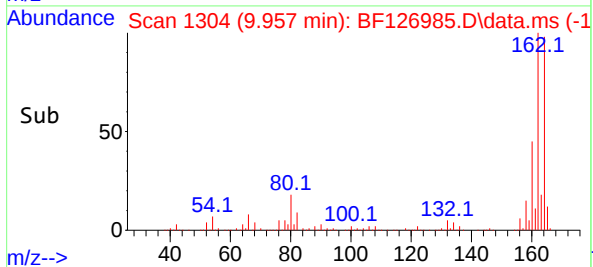
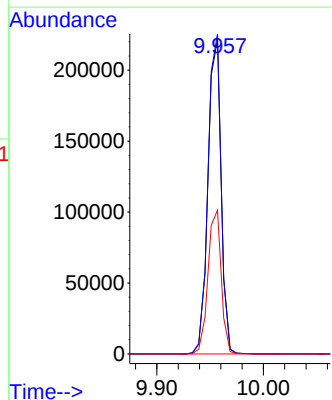
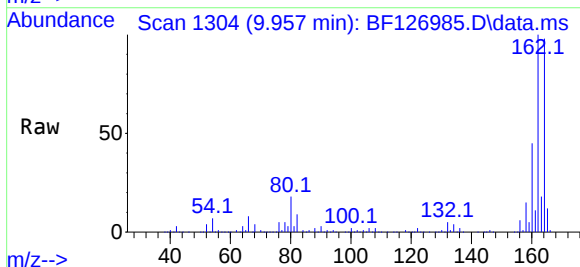
Delta R.T. -0.006 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Tgt Ion: 164 Resp: 190943

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.8	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 142.461 ng

RT: 10.751 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF126985.D

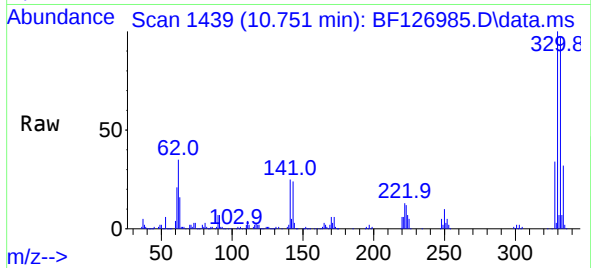
Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-3-COMP



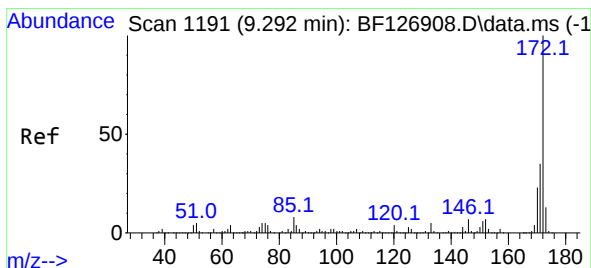
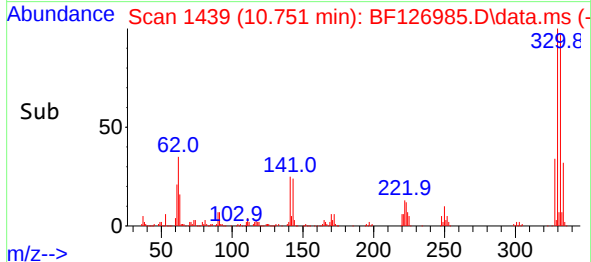
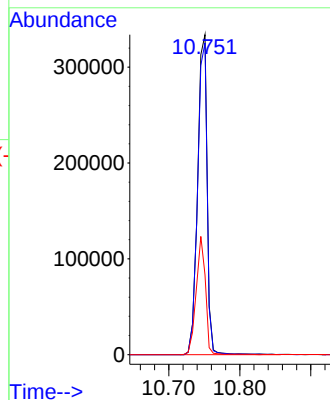
Tgt Ion:330 Resp: 313194

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 35.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 112.667 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

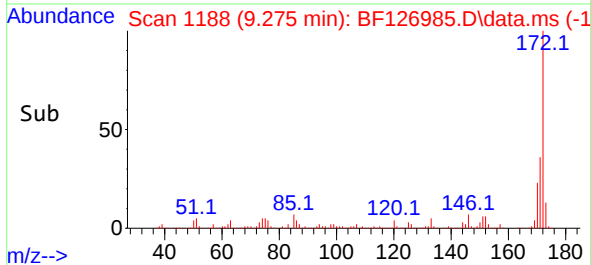
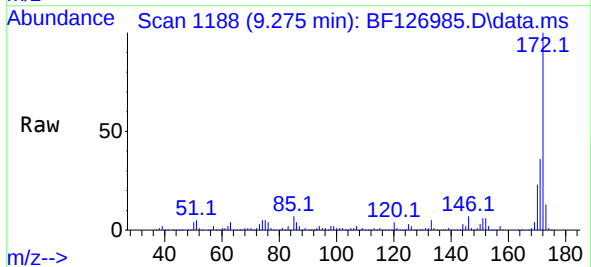
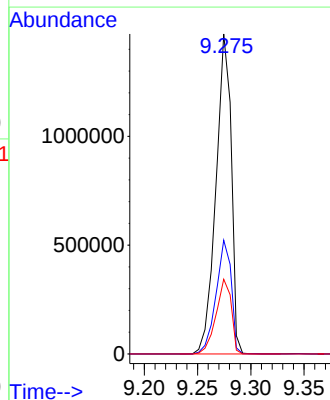
Tgt Ion:172 Resp: 1461321

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.3 19.0 28.6

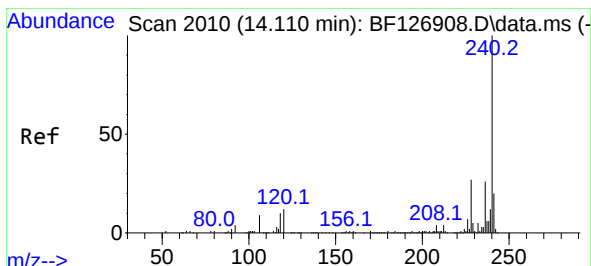
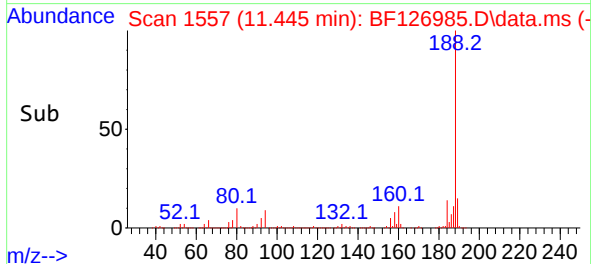
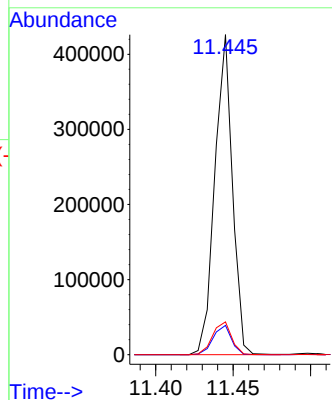
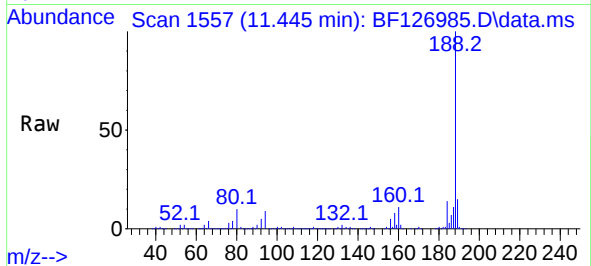




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

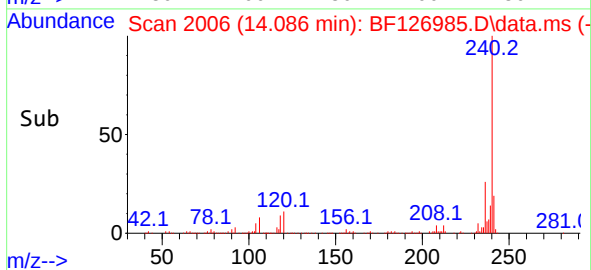
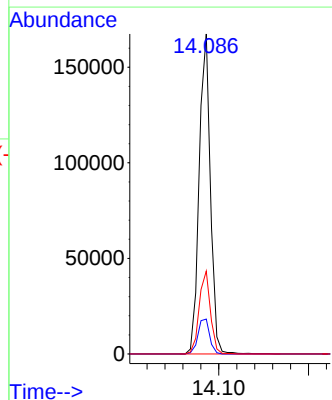
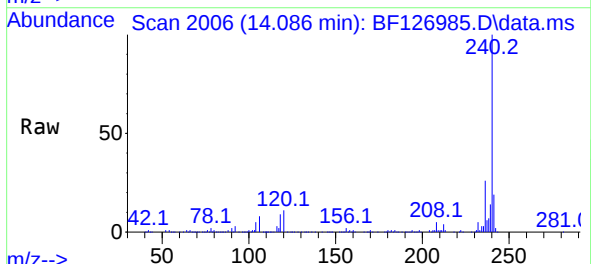
Instrument :
BNA_F
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SPLP-LEACHATE-AMENDED-3-COMP

Tgt Ion:188 Resp: 336345
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.3 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

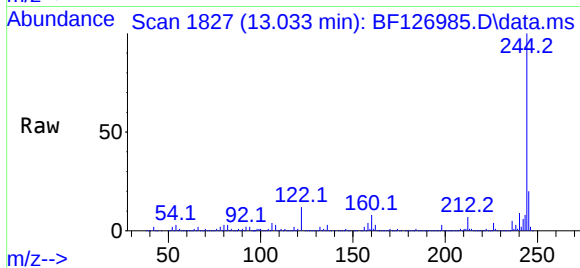
Tgt Ion:240 Resp: 145078
Ion Ratio Lower Upper
240 100
120 10.9 14.4 21.6#
236 25.9 20.5 30.7



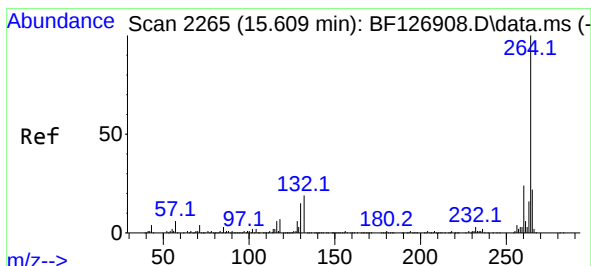
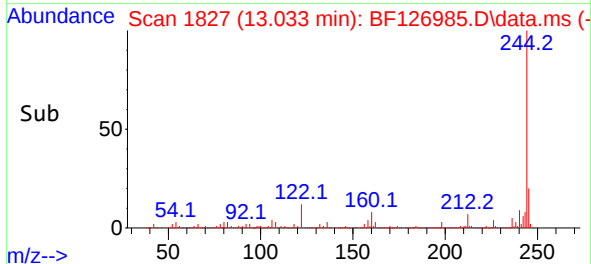
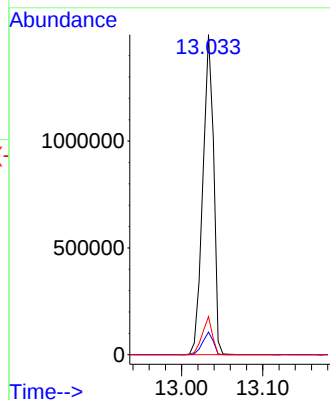


#79
 Terphenyl-d14
 Concen: 139.995 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126985.D
 Acq: 21 Feb 2022 20:48

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-3-COMP



Tgt Ion:244 Resp: 1381613
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 11.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF126985.D
 Acq: 21 Feb 2022 20:48

Tgt Ion:264 Resp: 161576
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.2 28.8
 265 21.0 17.4 26.2

