

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126528.D
 Acq On : 6 Jan 2022 19:51
 Operator : JU/CG
 Sample : M5196-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-5-SHALLOW

Quant Time: Jan 07 08:34:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	84716	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	354314	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	155226	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	218408	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	162658	20.000	ng	0.00
86) Perylene-d12	15.392	264	185668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	618903	104.913	ng	0.00
7) Phenol-d6	6.410	99	769524	100.714	ng	-0.01
23) Nitrobenzene-d5	7.339	82	489723	70.969	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	125894	104.955	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	700137	79.371	ng	-0.01
79) Terphenyl-d14	12.892	244	502227	59.991	ng	0.00

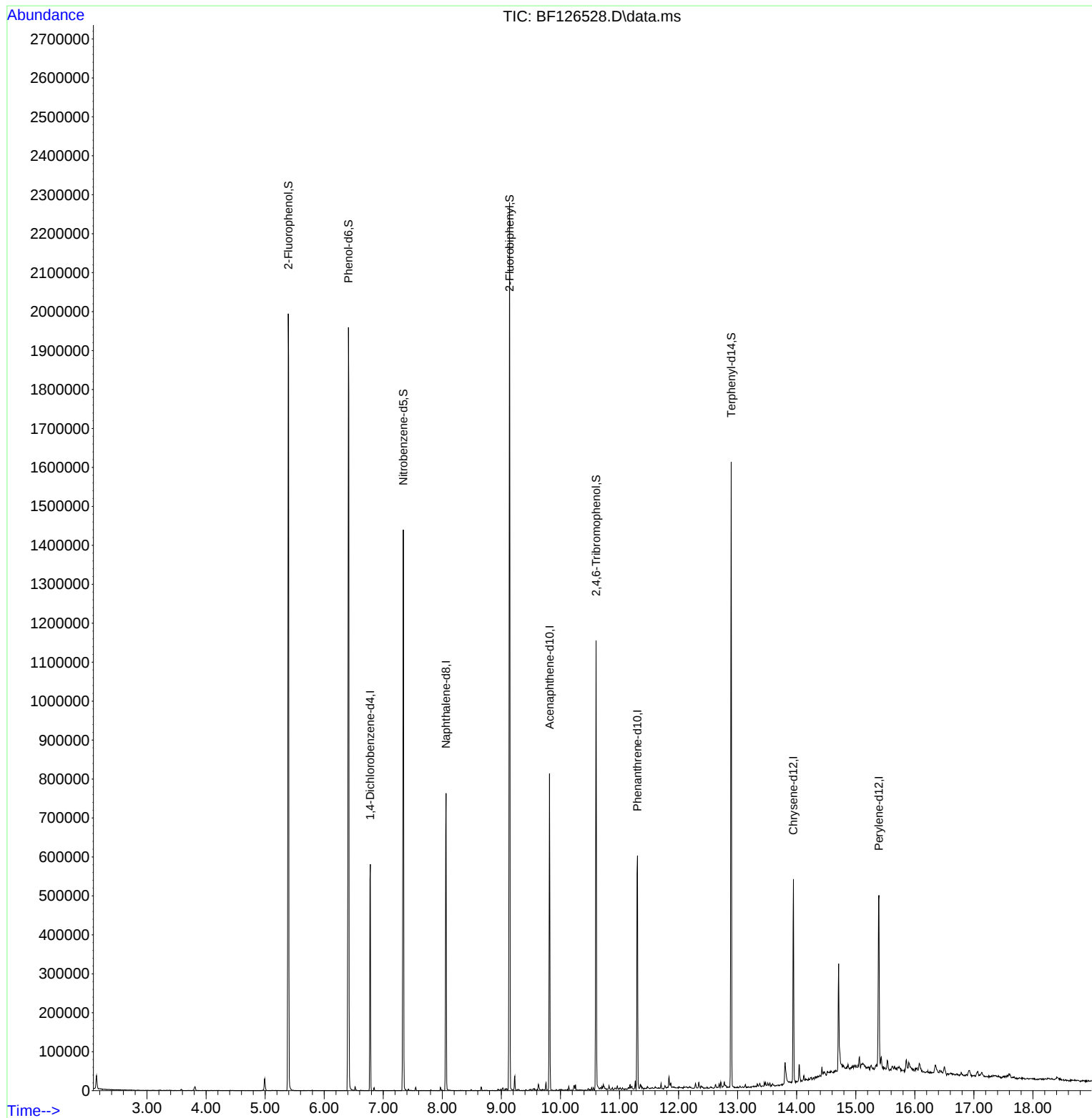
Target Compounds	Qvalue

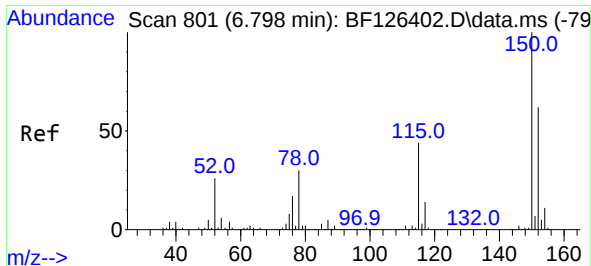
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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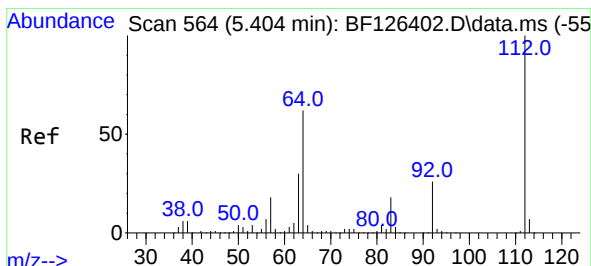
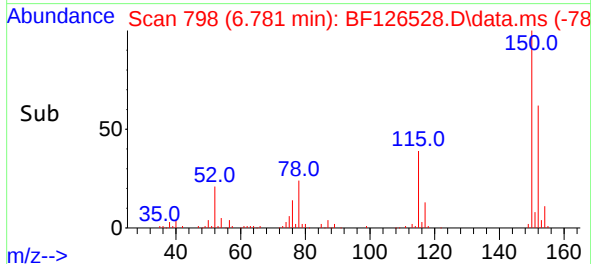
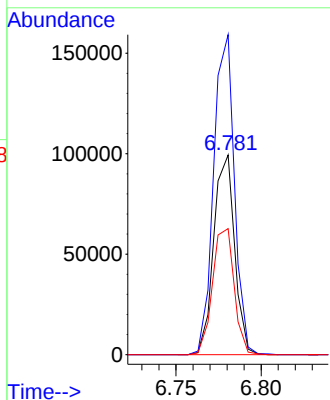
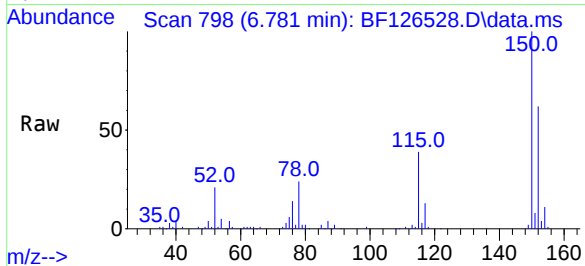




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

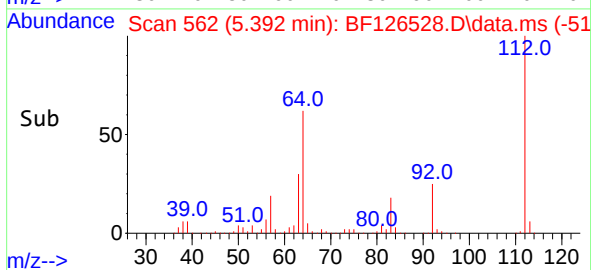
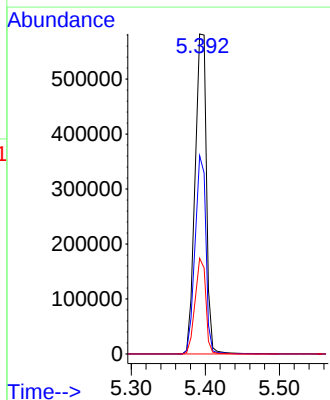
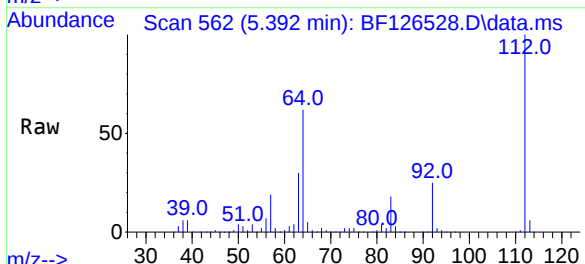
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

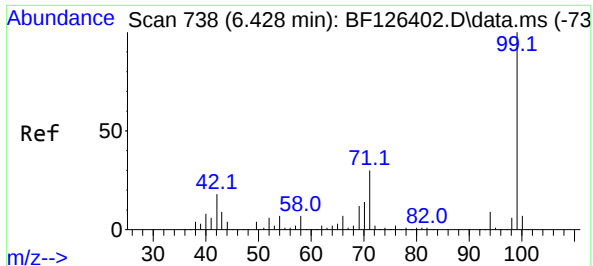
Tgt Ion:152 Resp: 84716
Ion Ratio Lower Upper
152 100
150 160.2 128.1 192.1
115 63.1 56.7 85.1



#5
2-Fluorophenol
Concen: 104.913 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:112 Resp: 618903
Ion Ratio Lower Upper
112 100
64 62.0 49.5 74.3
63 29.9 23.9 35.9

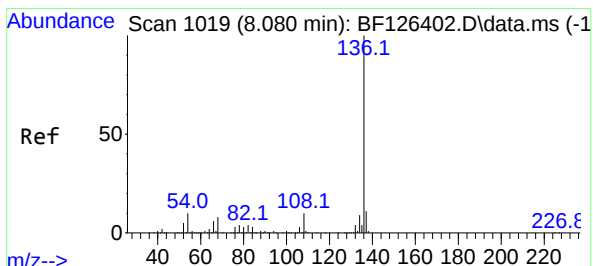
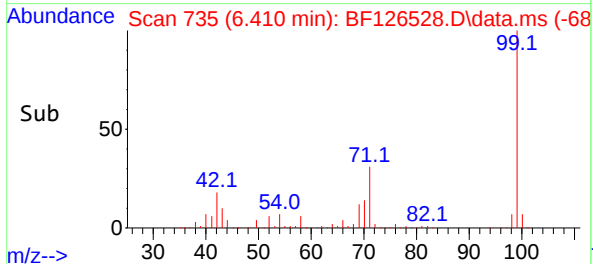
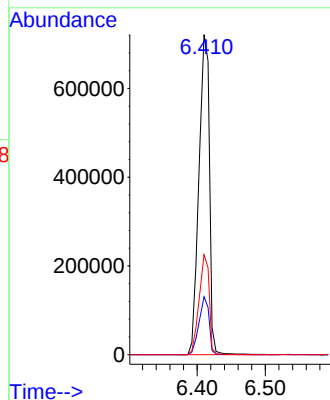
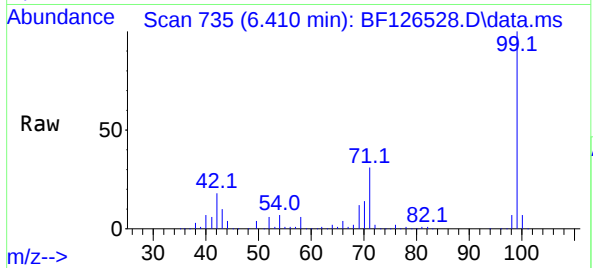




#7
Phenol-d6
Concen: 100.714 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

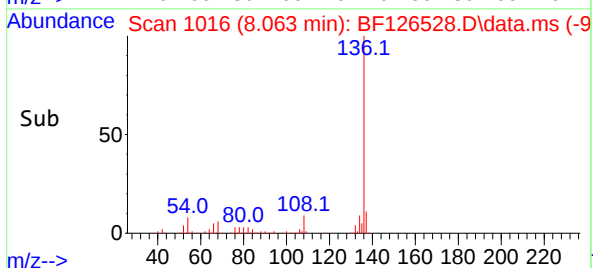
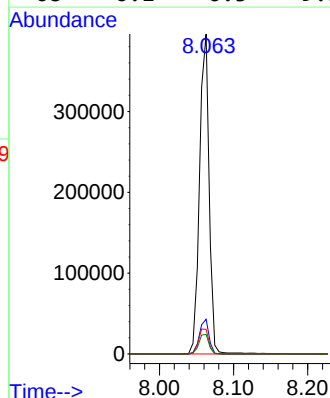
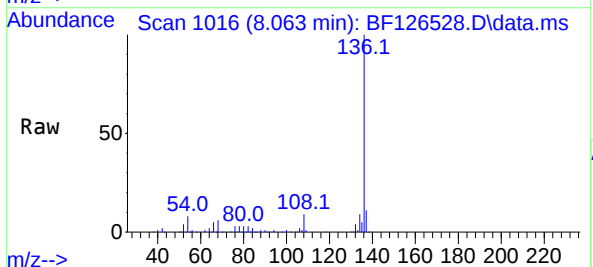
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

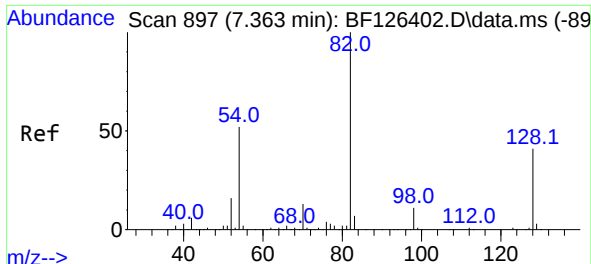
Tgt Ion: 99 Resp: 769524
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 31.2 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion: 136 Resp: 354314
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.7 7.8 11.6#
68 6.1 6.3 9.5#

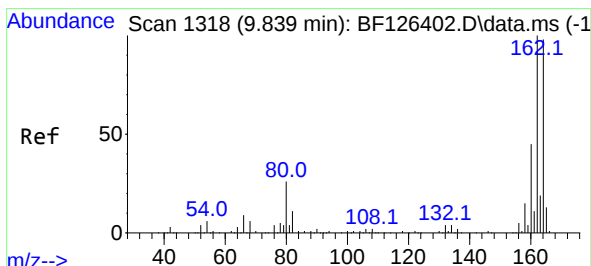
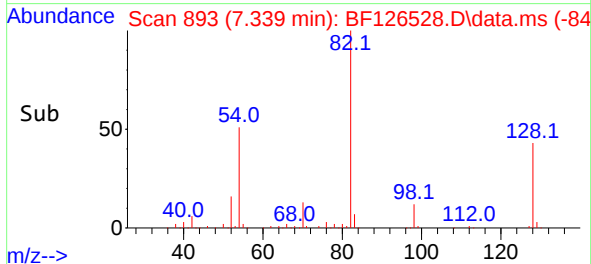
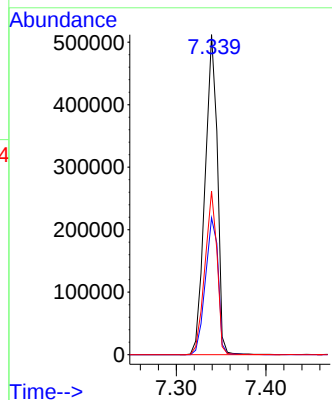
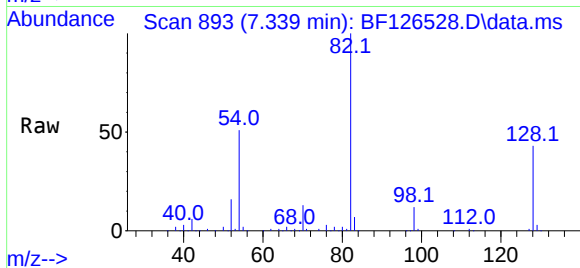




#23
Nitrobenzene-d5
Concen: 70.969 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

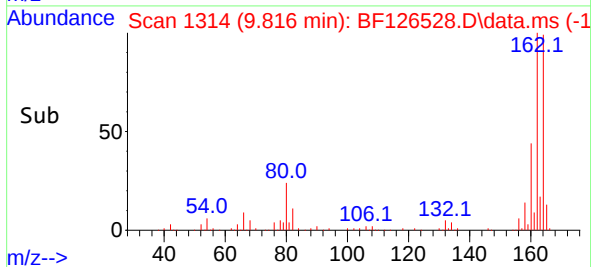
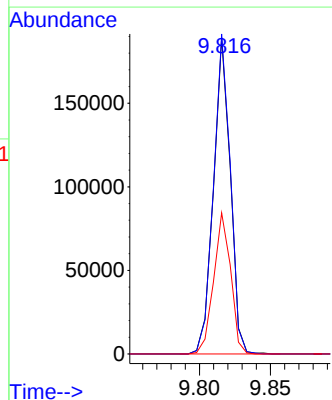
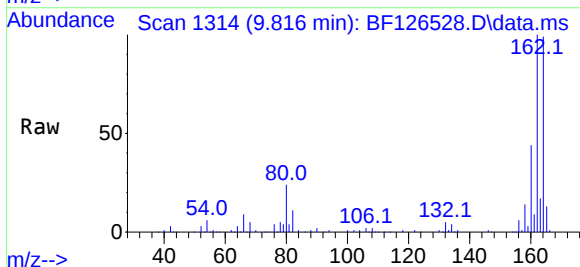
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

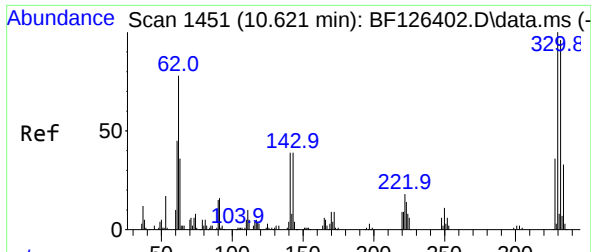
Tgt Ion: 82 Resp: 489723
Ion Ratio Lower Upper
82 100
128 42.8 32.7 49.1
54 51.1 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:164 Resp: 155226
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 104.955 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF126528.D

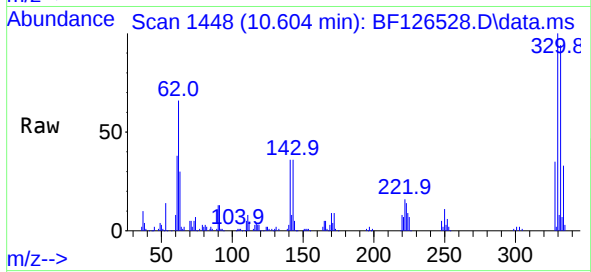
Acq: 6 Jan 2022 19:51

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-5-SHALLOW



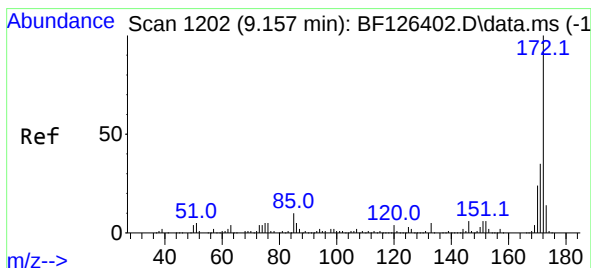
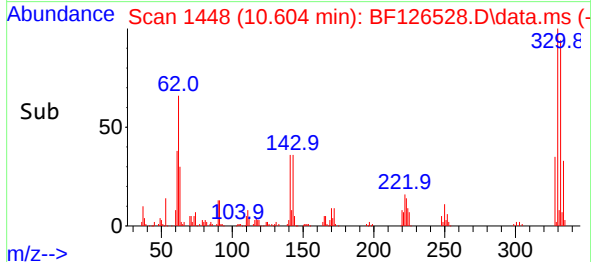
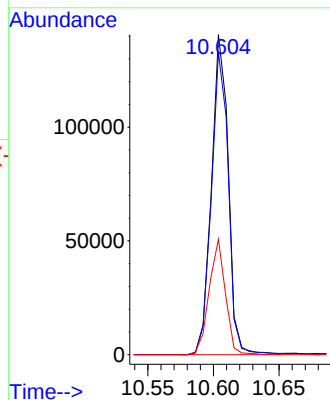
Tgt Ion:330 Resp: 125894

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 79.371 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126528.D

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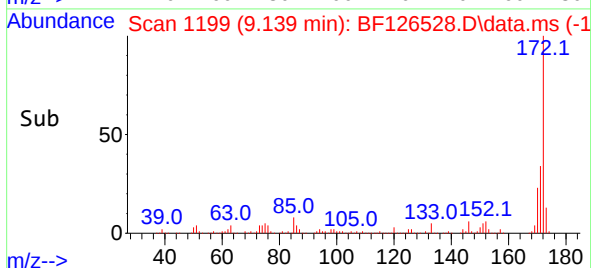
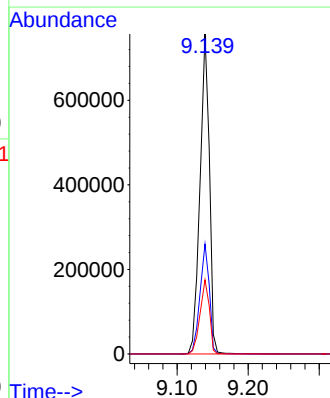
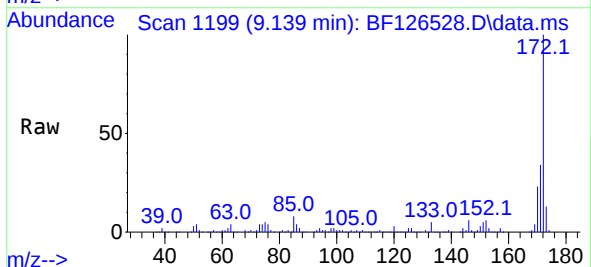
Tgt Ion:172 Resp: 700137

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.1 19.0 28.6

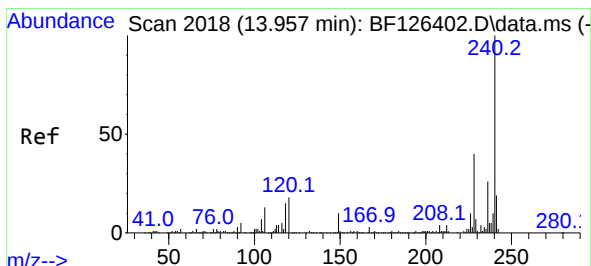
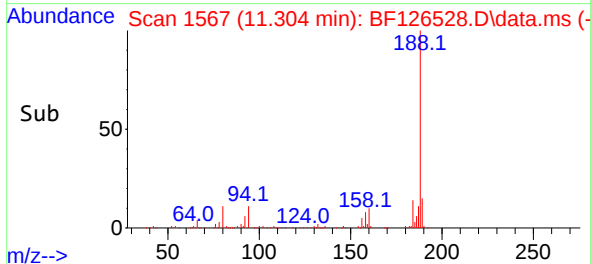
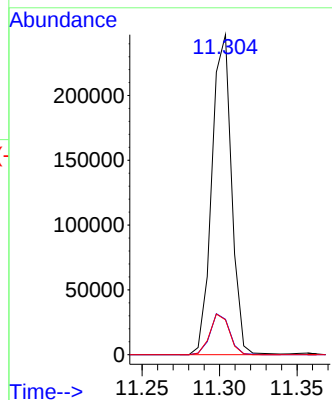
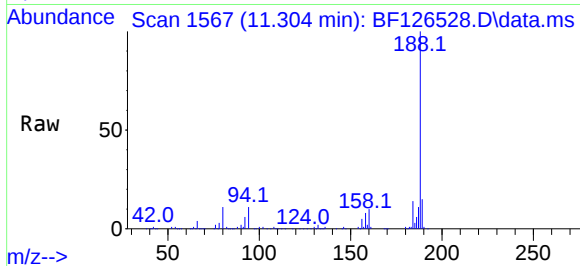




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

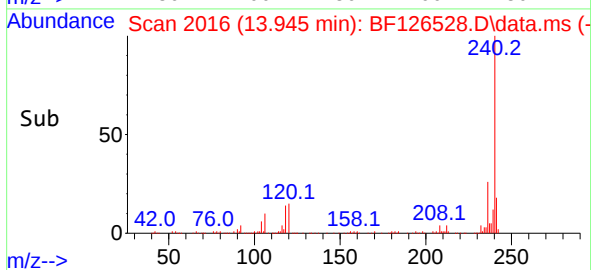
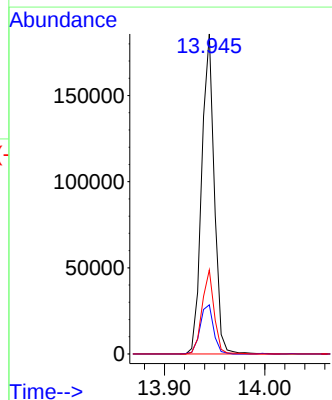
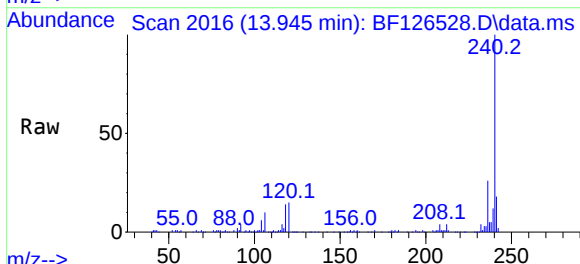
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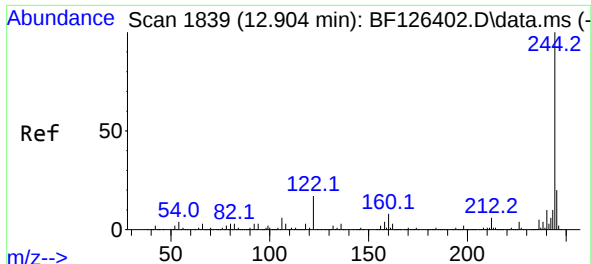
Tgt Ion:188 Resp: 218408
Ion Ratio Lower Upper
188 100
94 11.1 10.1 15.1
80 10.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:240 Resp: 162658
Ion Ratio Lower Upper
240 100
120 15.3 14.4 21.6
236 26.2 20.5 30.7

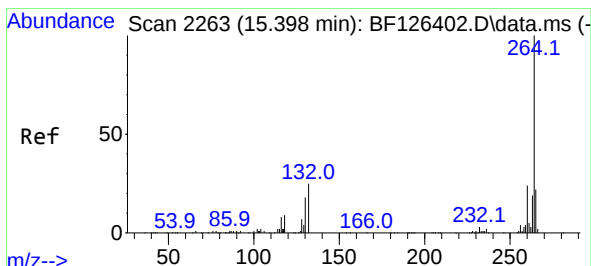
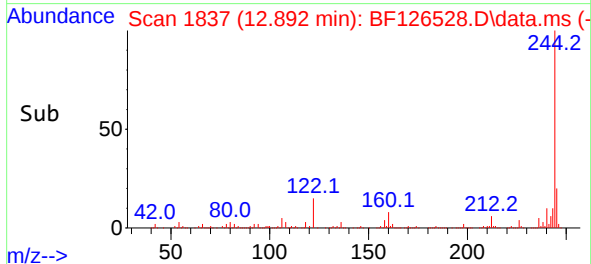
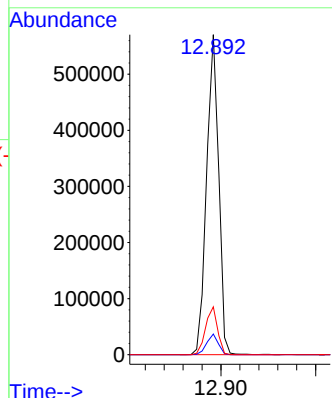
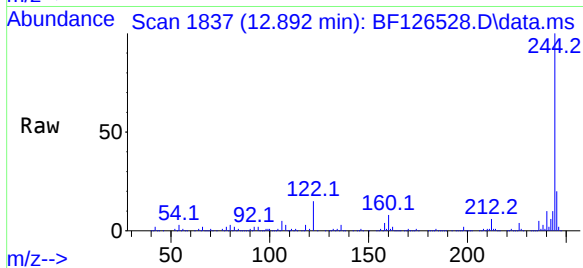




#79
Terphenyl-d14
Concen: 59.991 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-5-SHALLOW

Tgt Ion:244 Resp: 502227
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 15.0 13.3 19.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF126528.D
Acq: 6 Jan 2022 19:51

Tgt Ion:264 Resp: 185668
Ion Ratio Lower Upper
264 100
260 22.4 19.2 28.8
265 20.5 17.4 26.2

