

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127362.D
 Acq On : 16 Mar 2022 22:23
 Operator : CG\JU
 Sample : N1949-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 17 02:36:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78440	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	289077	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	171547	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307475	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	210109	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	185521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	299622	61.405	ng	0.00
7) Phenol-d6	6.492	99	259712	38.691	ng	-0.01
23) Nitrobenzene-d5	7.434	82	611115	87.305	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	239943	129.931	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1046286	86.229	ng	0.00
79) Terphenyl-d14	12.986	244	1177264	96.483	ng	0.00

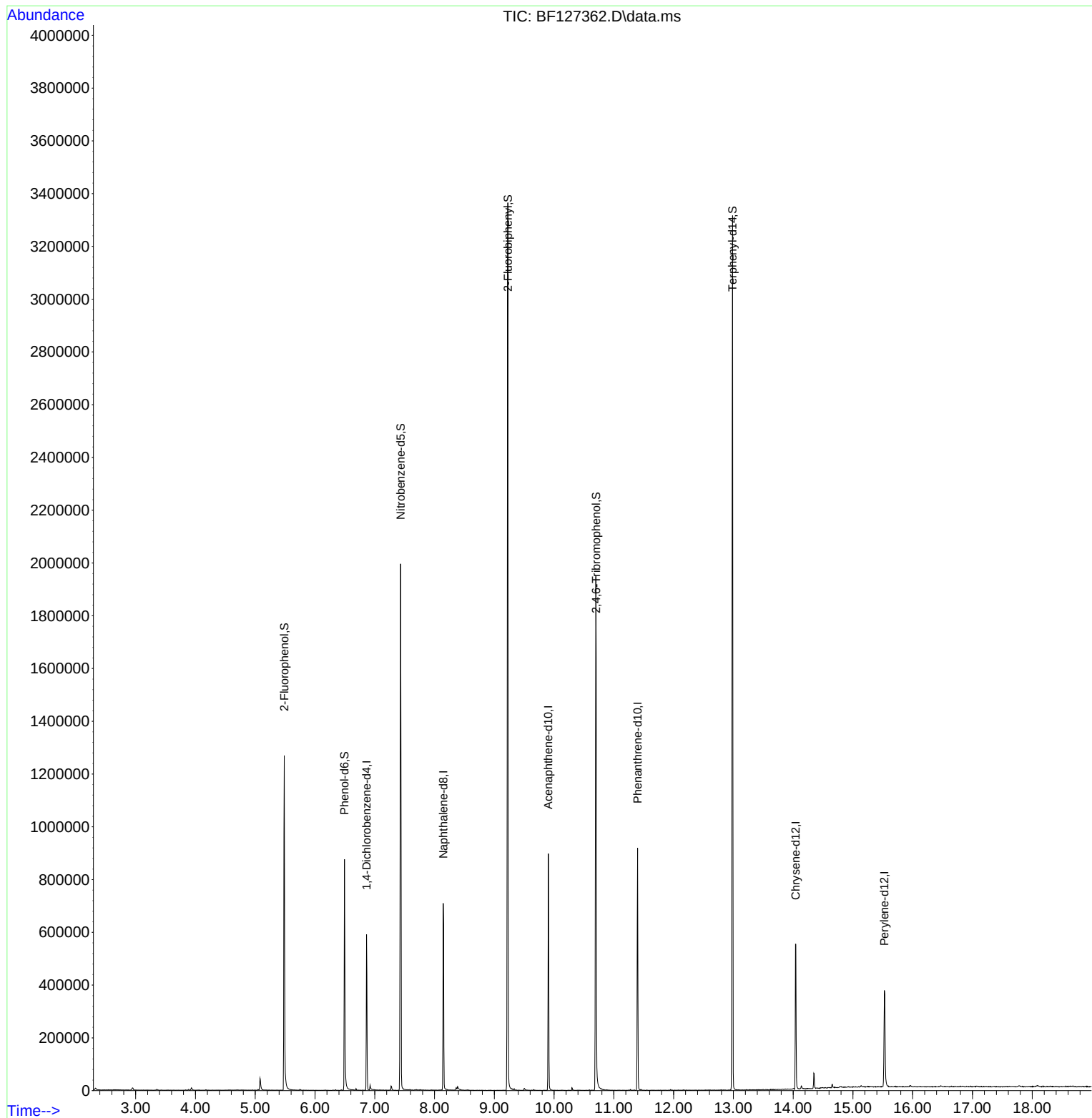
Target Compounds	Qvalue

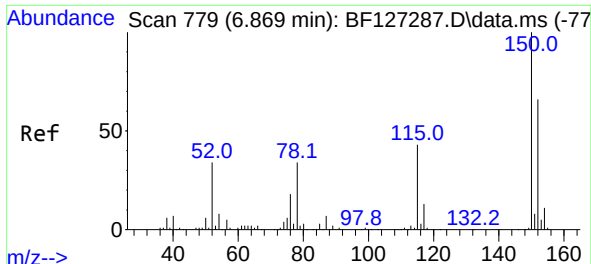
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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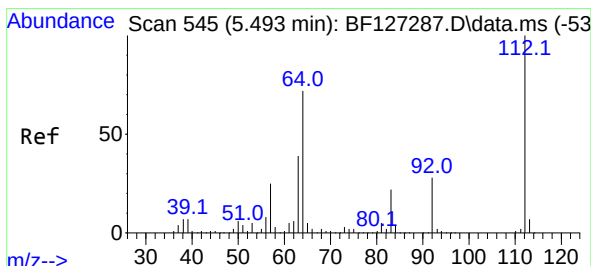
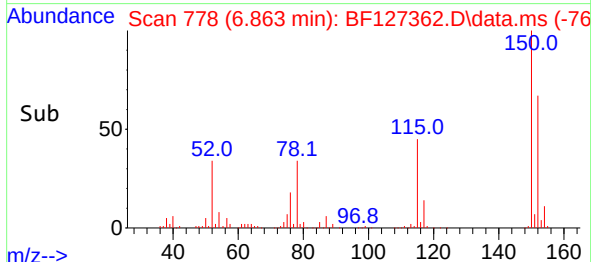
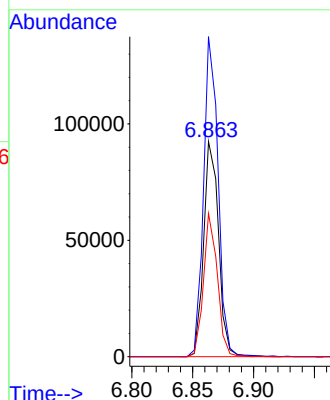
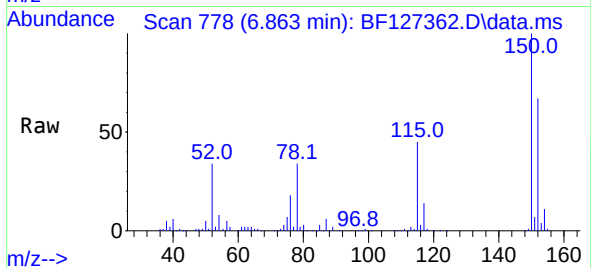




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

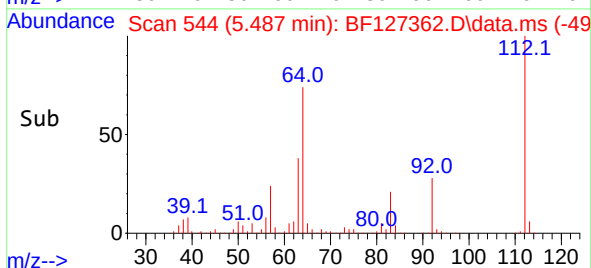
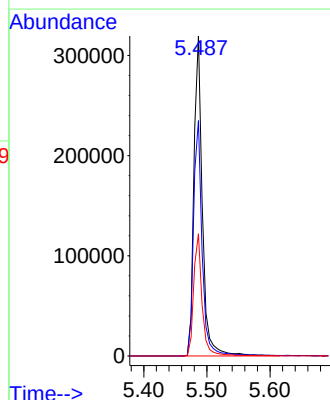
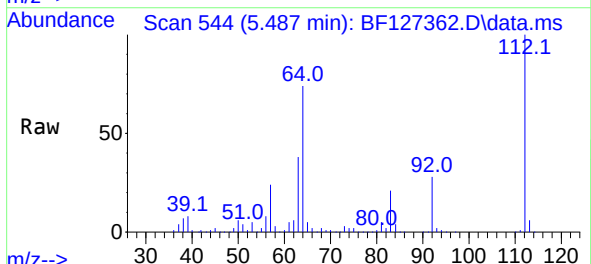
Instrument :
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ClientSampleId :
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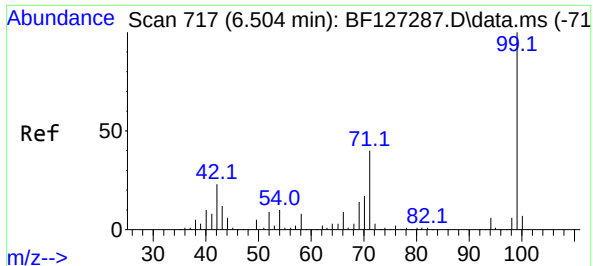
Tgt Ion:152 Resp: 78440
Ion Ratio Lower Upper
152 100
150 148.7 128.1 192.1
115 66.5 56.7 85.1



#5
2-Fluorophenol
Concen: 61.405 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion:112 Resp: 299622
Ion Ratio Lower Upper
112 100
64 73.5 49.5 74.3
63 38.2 23.9 35.9#

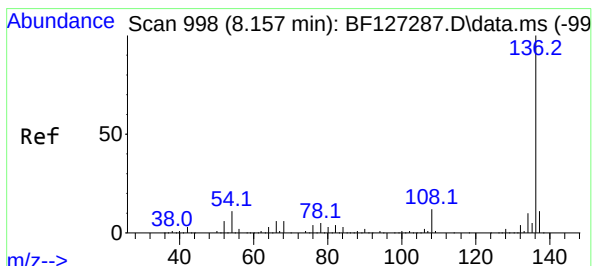
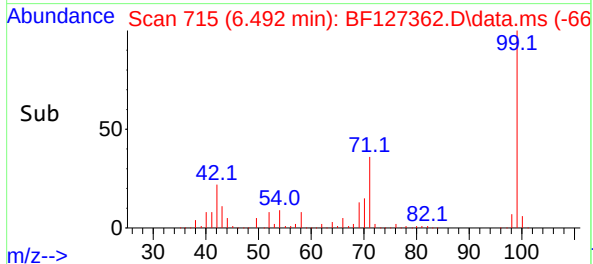
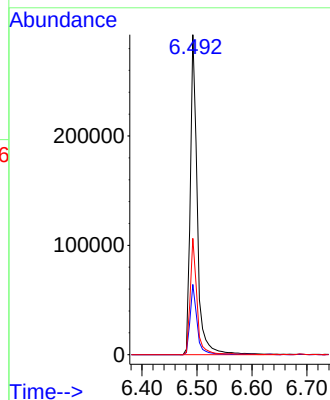
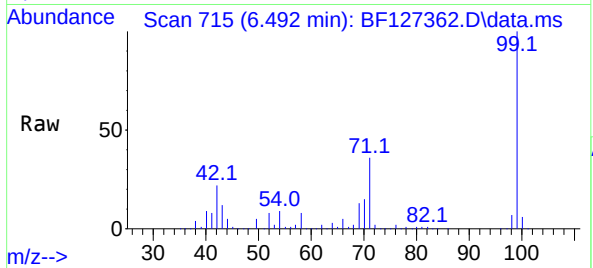




#7
Phenol-d6
Concen: 38.691 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

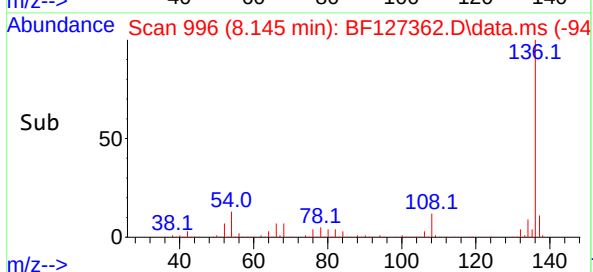
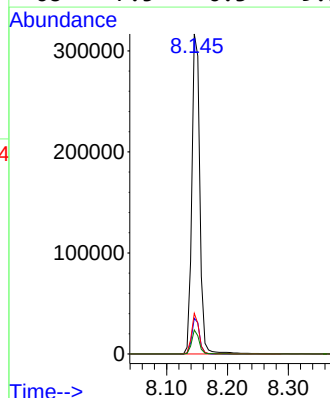
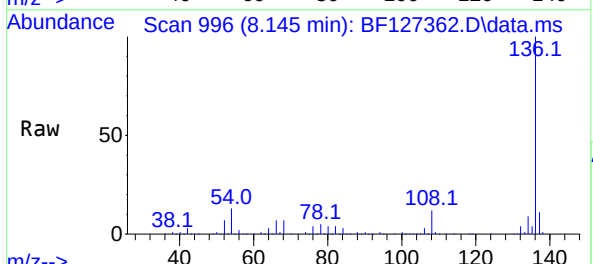
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ClientSampleId :
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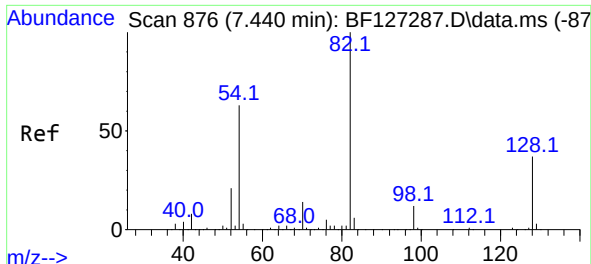
Tgt Ion: 99 Resp: 259712
Ion Ratio Lower Upper
99 100
42 22.0 14.2 21.4#
71 36.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion: 136 Resp: 289077
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.7 7.8 11.6#
68 7.5 6.3 9.5





#23
Nitrobenzene-d5
Concen: 87.305 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

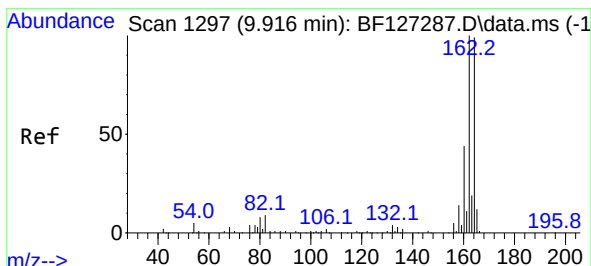
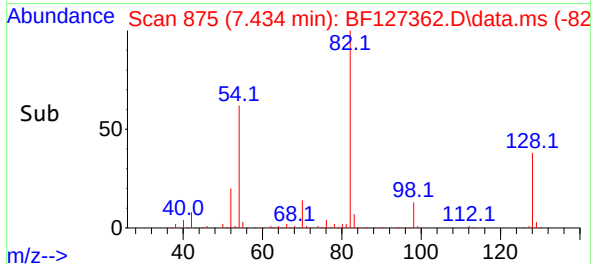
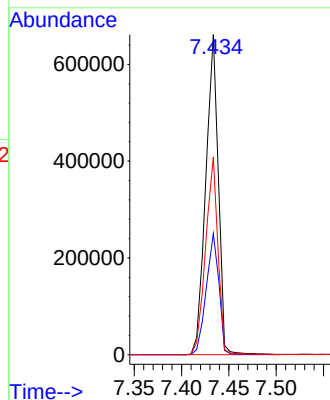
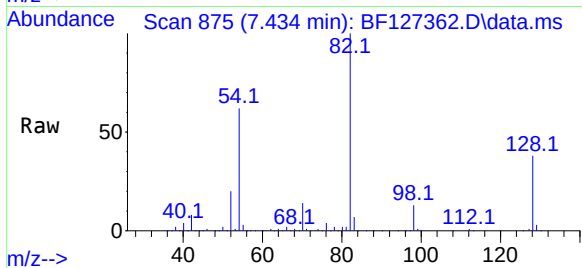
Instrument :

BNA_F

ClientSampleId :

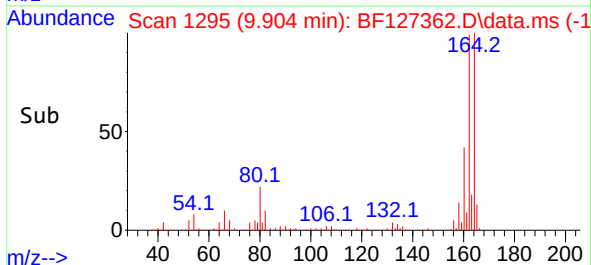
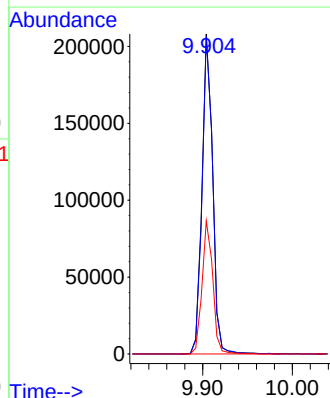
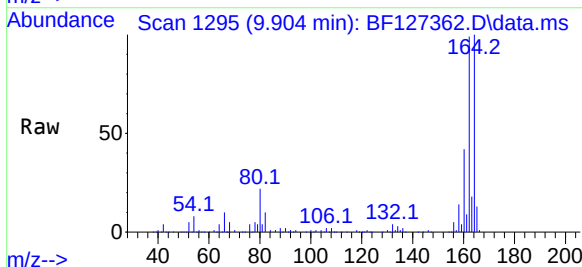
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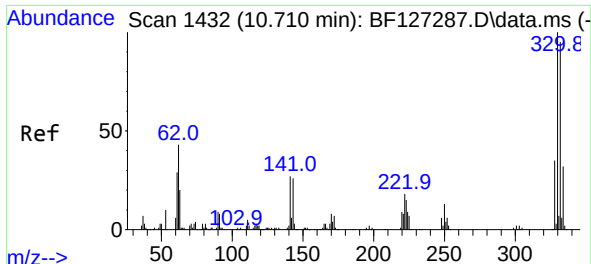
Tgt Ion: 82 Resp: 611115
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 61.8 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion:164 Resp: 171547
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 41.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 129.931 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127362.D

Acq: 16 Mar 2022 22:23

Instrument :

BNA_F

ClientSampleId :

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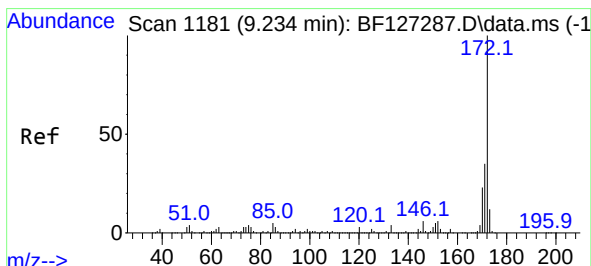
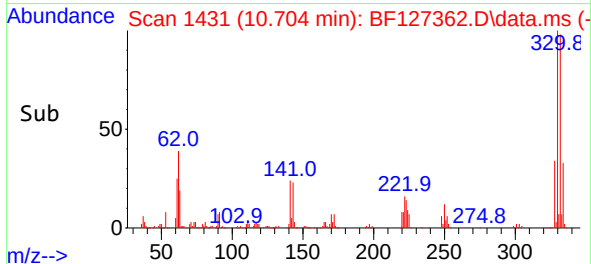
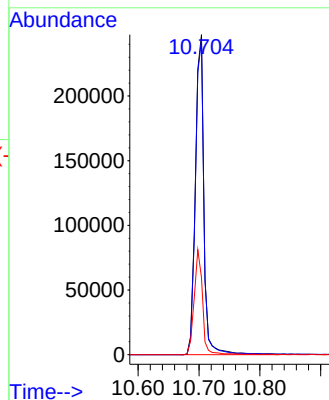
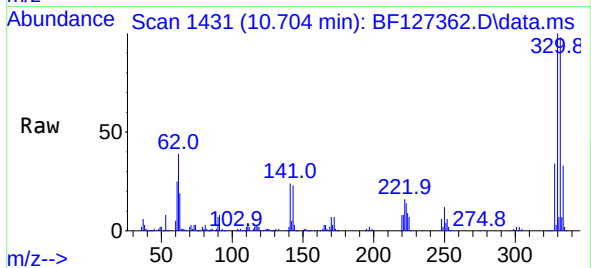
Tgt Ion:330 Resp: 239943

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 32.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 86.229 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127362.D

Acq: 16 Mar 2022 22:23

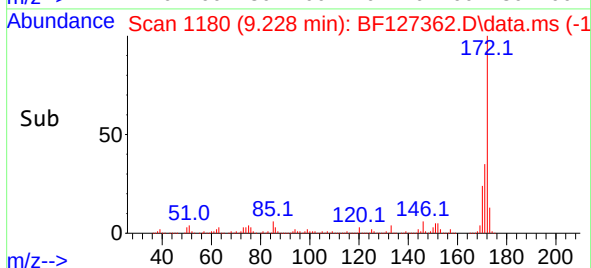
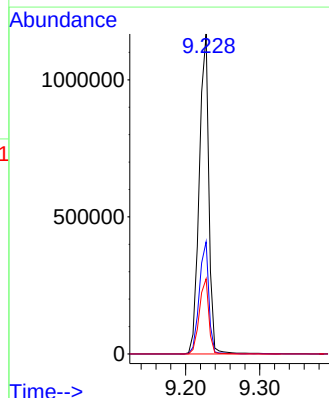
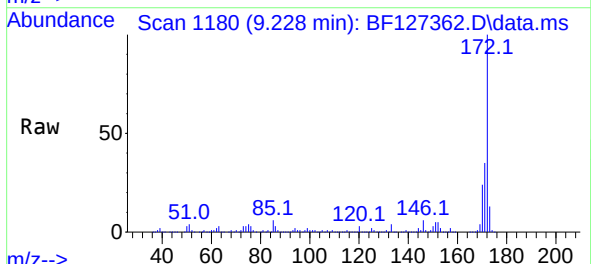
Tgt Ion:172 Resp: 1046286

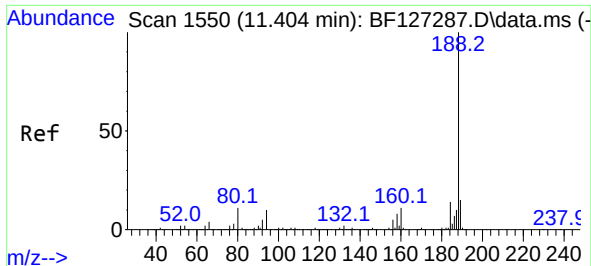
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6

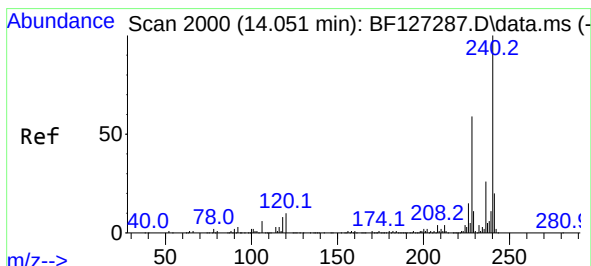
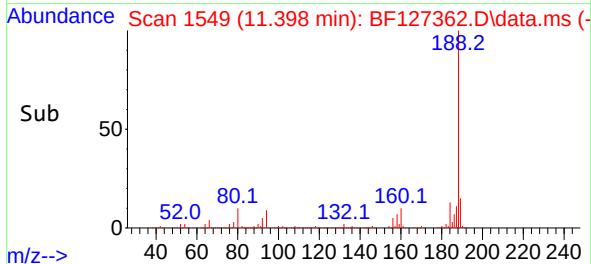
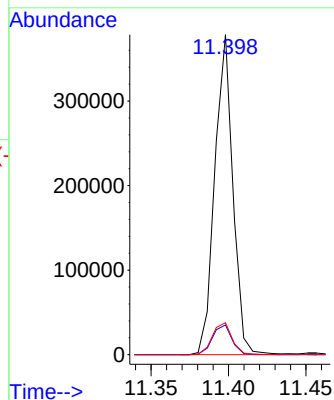
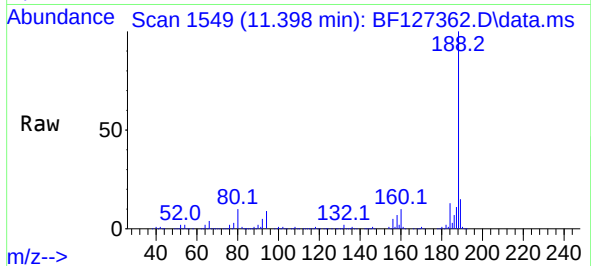




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

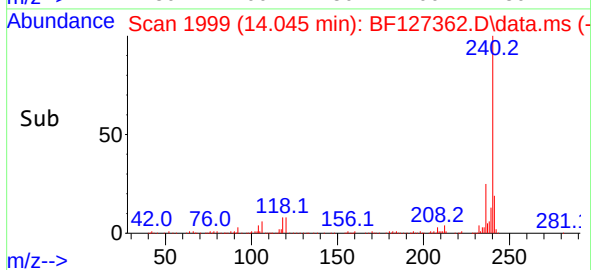
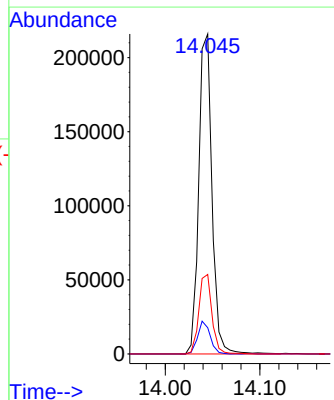
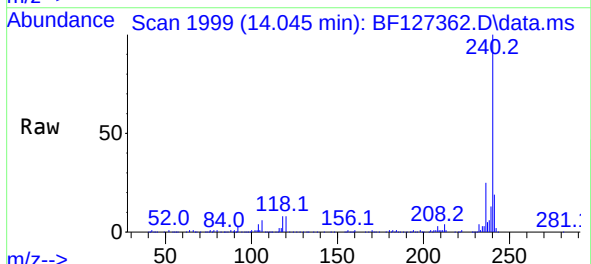
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ClientSampleId :
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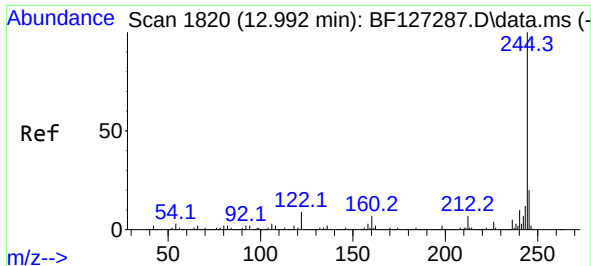
Tgt Ion:188 Resp: 307475
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.0 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion:240 Resp: 210109
Ion Ratio Lower Upper
240 100
120 8.2 14.4 21.6#
236 24.9 20.5 30.7

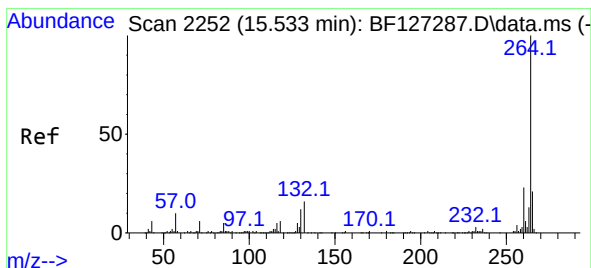
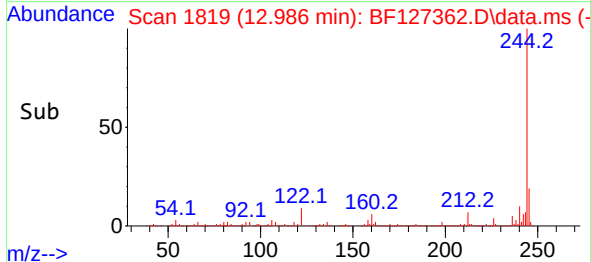
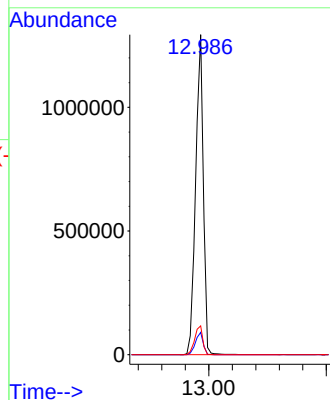
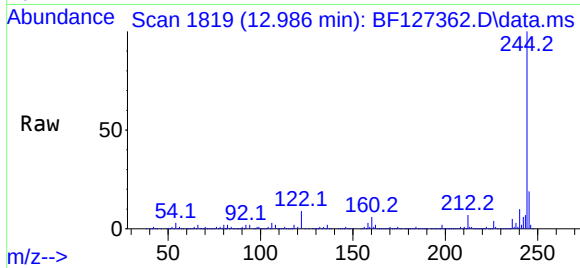




#79
 Terphenyl-d14
 Concen: 96.483 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127362.D
 Acq: 16 Mar 2022 22:23

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1177264
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 9.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127362.D
 Acq: 16 Mar 2022 22:23

Tgt Ion:264 Resp: 185521
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.2

