

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129743.D
 Acq On : 12 Aug 2022 14:33
 Operator : CG\JU
 Sample : N4082-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONARY-PILE-ARE

Quant Time: Aug 12 15:55:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	131286	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	524596	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	275397	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	448584	20.000	ng	0.00
76) Chrysene-d12	14.004	240	272292	20.000	ng	0.00
86) Perylene-d12	15.480	264	259174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	199960	24.811	ng	0.00
7) Phenol-d6	6.487	99	619976	61.202	ng	0.00
23) Nitrobenzene-d5	7.398	82	647593	67.387	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	10876	4.108	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1233683	69.298	ng	0.00
79) Terphenyl-d14	12.945	244	1172858	81.262	ng	0.00

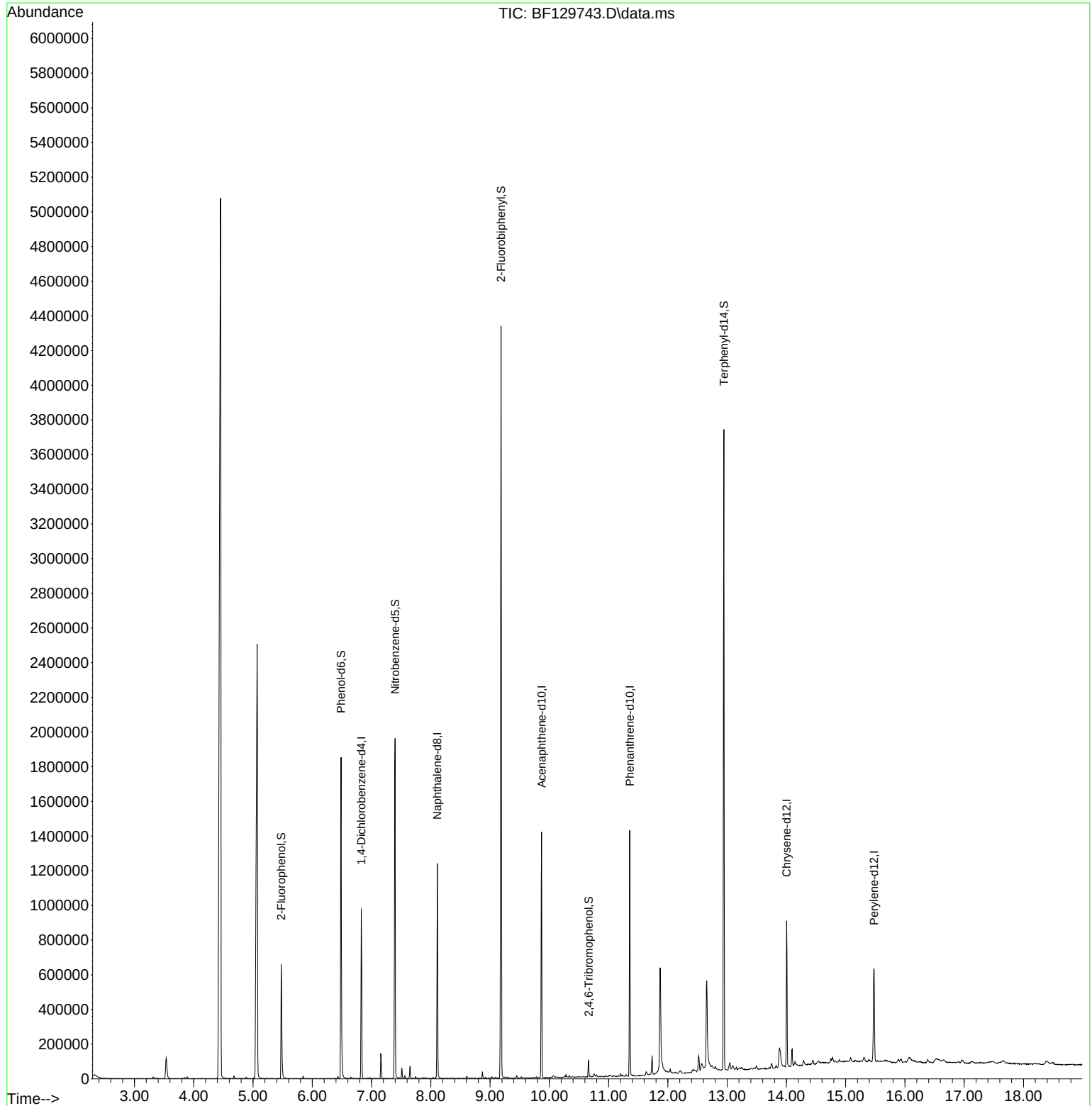
Target Compounds	Qvalue

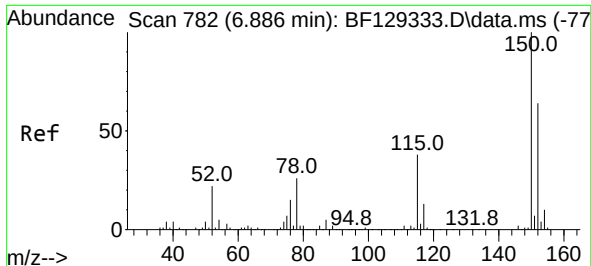
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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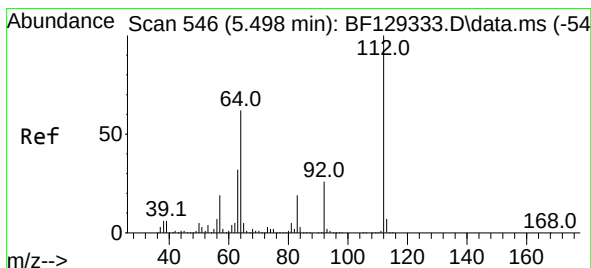
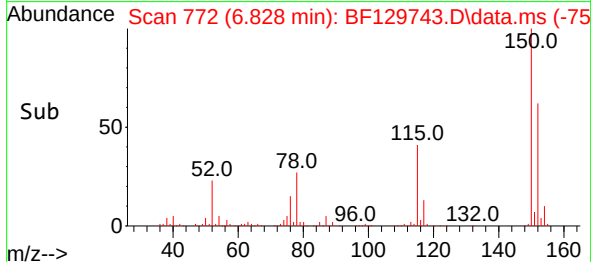
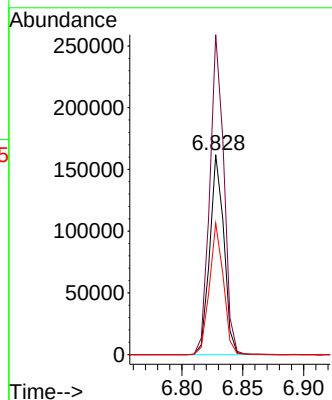
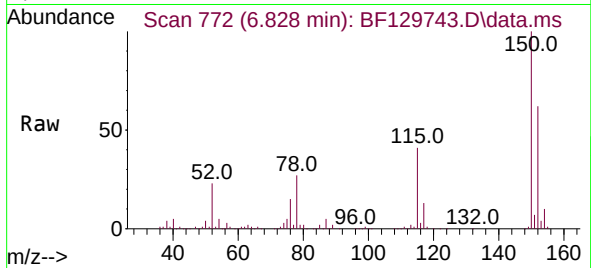




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129743.D
 Acq: 12 Aug 2022 14:33

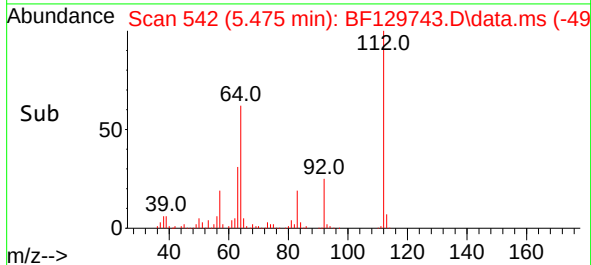
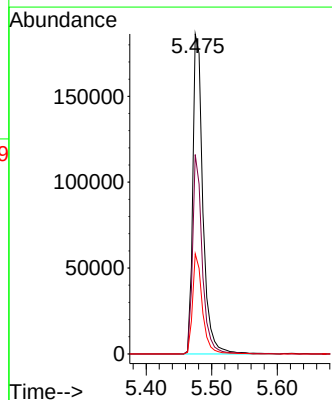
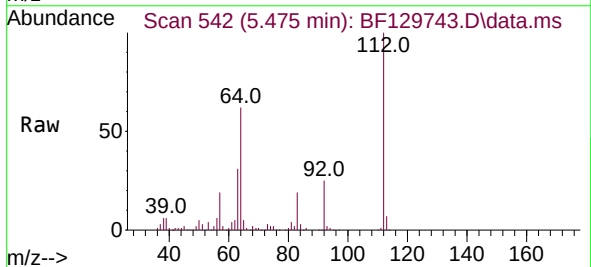
Instrument :
 BNA_F
 ClientSampleId :
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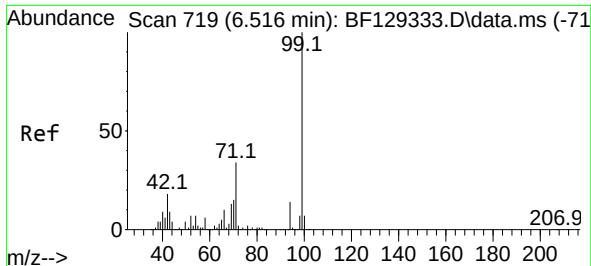
Tgt Ion:152 Resp: 131286
 Ion Ratio Lower Upper
 152 100
 150 160.1 123.7 185.5
 115 65.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 24.811 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129743.D
 Acq: 12 Aug 2022 14:33

Tgt Ion:112 Resp: 199960
 Ion Ratio Lower Upper
 112 100
 64 62.3 53.3 79.9
 63 31.3 28.0 42.0

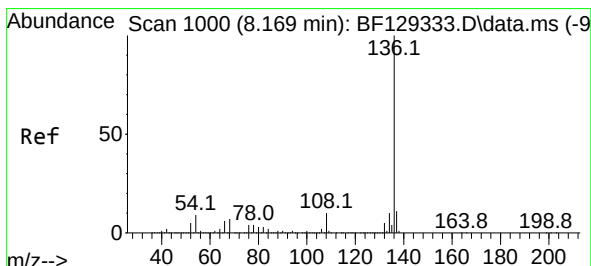
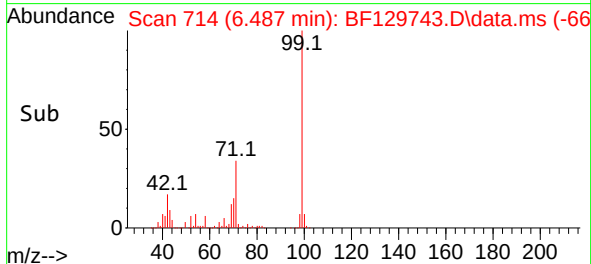
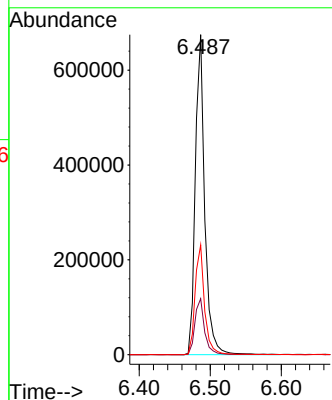
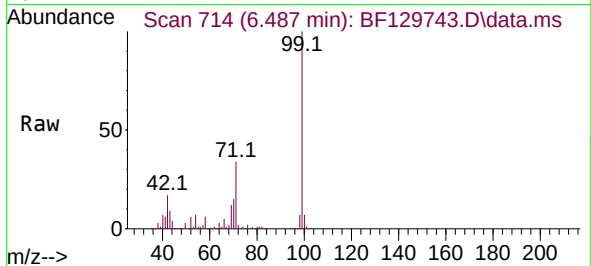




#7
Phenol-d6
Concen: 61.202 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129743.D
Acq: 12 Aug 2022 14:33

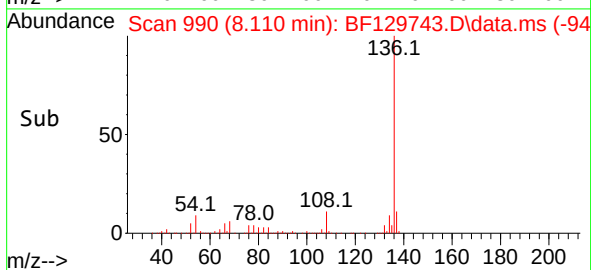
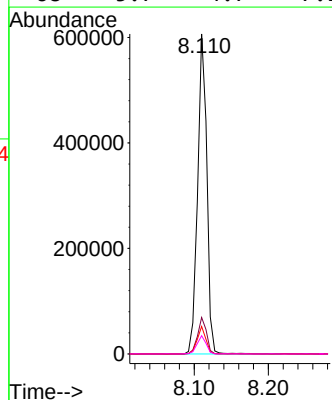
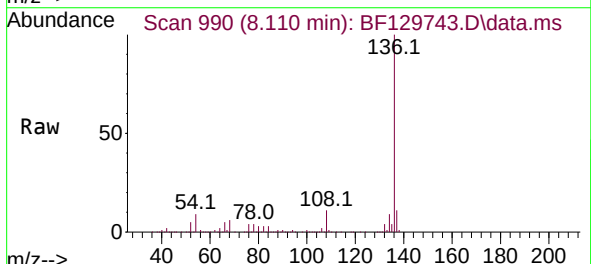
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ClientSampleId :
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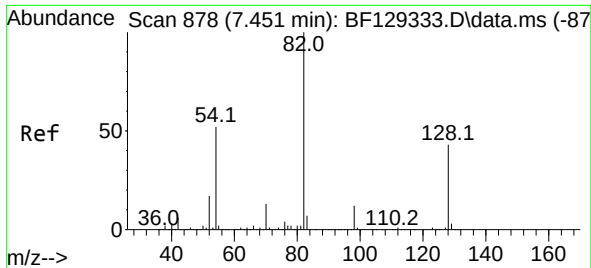
Tgt Ion: 99 Resp: 619976
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 34.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF129743.D
Acq: 12 Aug 2022 14:33

Tgt Ion: 136 Resp: 524596
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.6 7.5 11.3
68 5.7 4.7 7.1

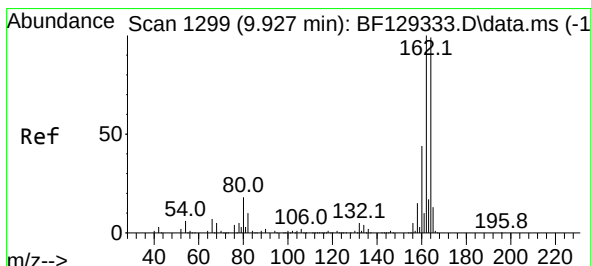
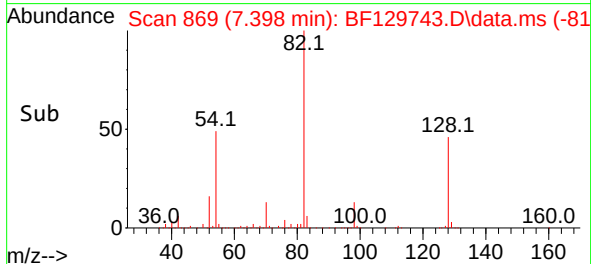
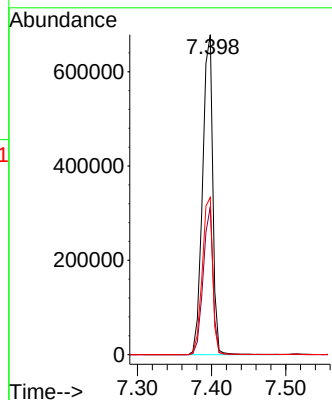
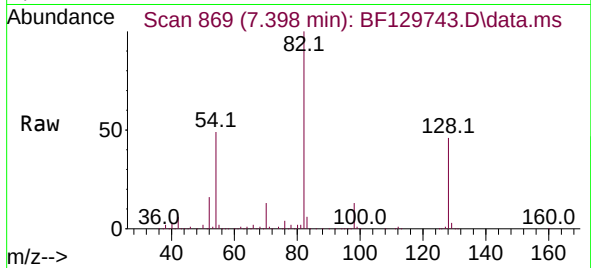




#23
Nitrobenzene-d5
Concen: 67.387 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129743.D
Acq: 12 Aug 2022 14:33

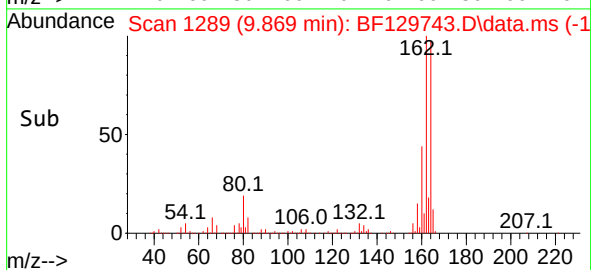
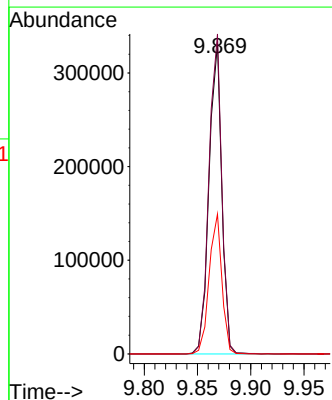
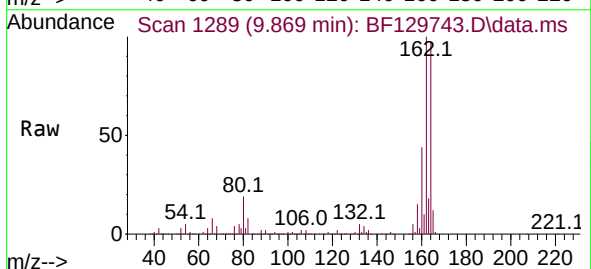
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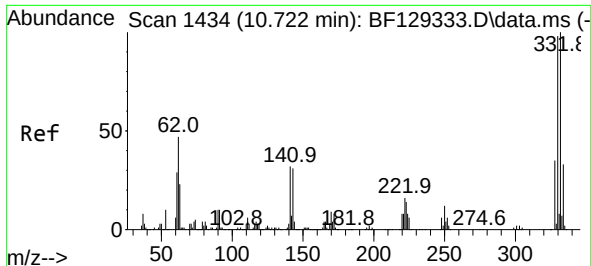
Tgt Ion: 82 Resp: 647593
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 49.2 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129743.D
Acq: 12 Aug 2022 14:33

Tgt Ion: 164 Resp: 275397
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 45.0 34.2 51.4

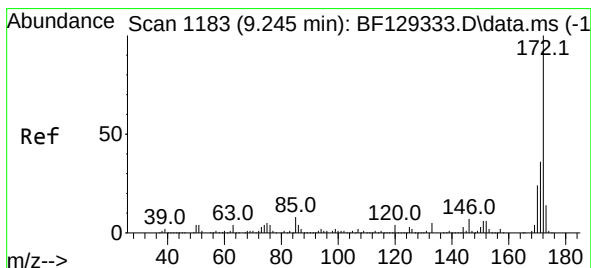
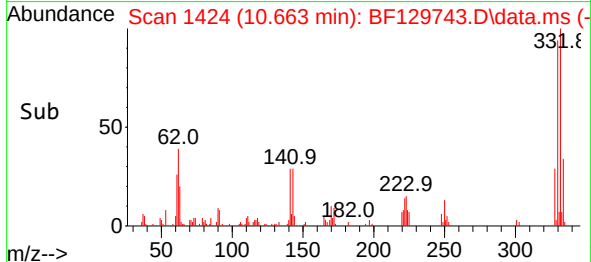
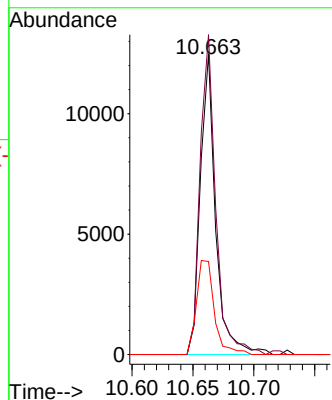
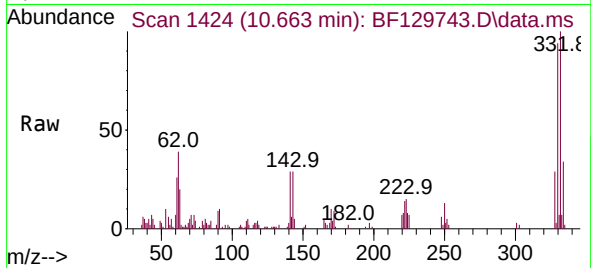




#42
 2,4,6-Tribromophenol
 Concen: 4.108 ng
 RT: 10.663 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: BF129743.D
 Acq: 12 Aug 2022 14:33

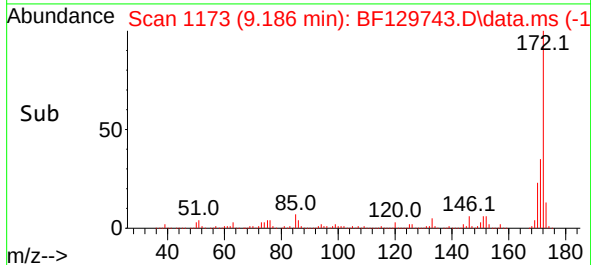
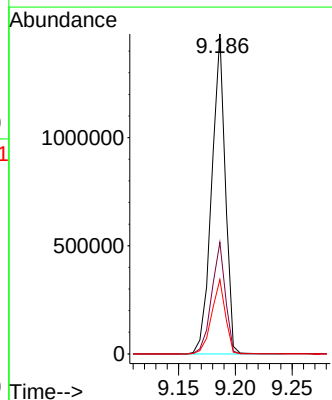
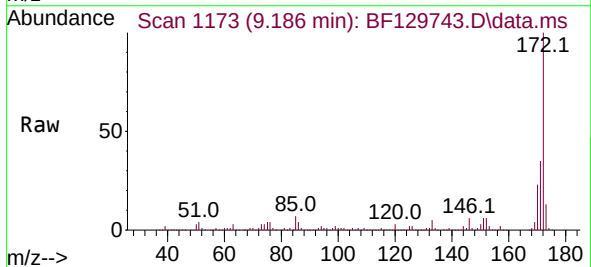
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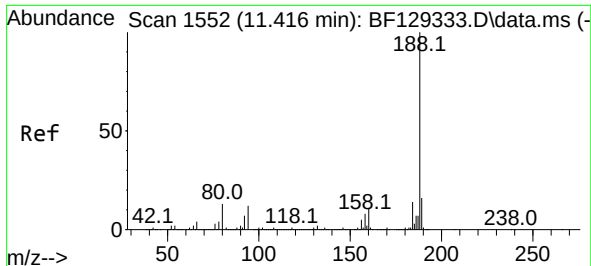
Tgt Ion: 330 Resp: 10876
 Ion Ratio Lower Upper
 330 100
 332 108.8 76.8 115.2
 141 36.7 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 69.298 ng
 RT: 9.186 min Scan# 1173
 Delta R.T. -0.006 min
 Lab File: BF129743.D
 Acq: 12 Aug 2022 14:33

Tgt Ion: 172 Resp: 1233683
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.8 43.2
 170 23.2 19.8 29.8

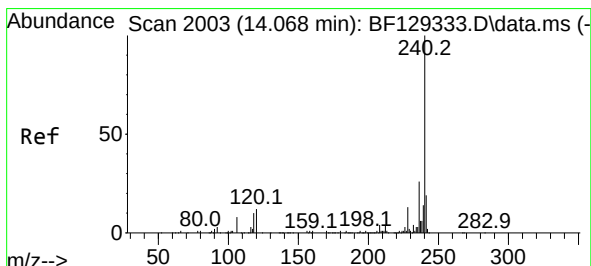
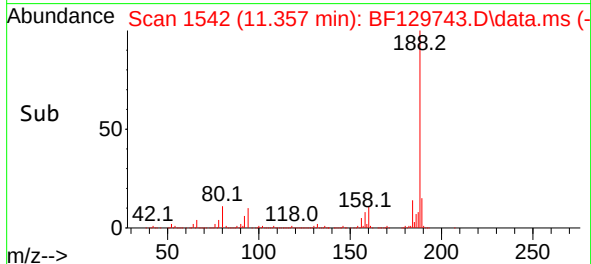
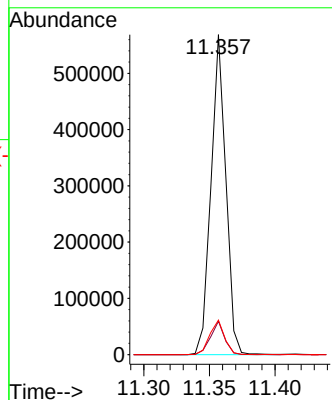
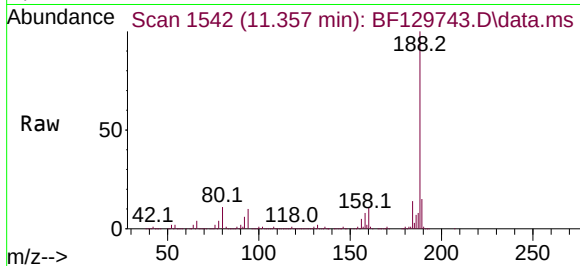




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129743.D
Acq: 12 Aug 2022 14:33

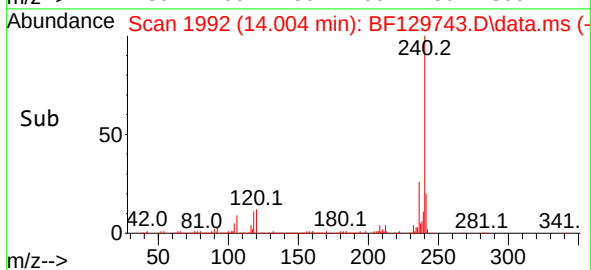
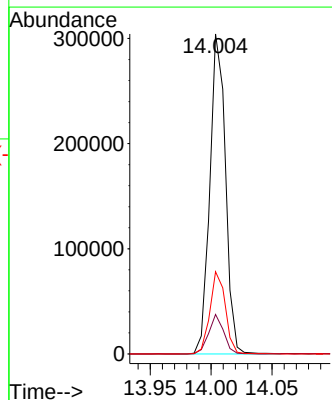
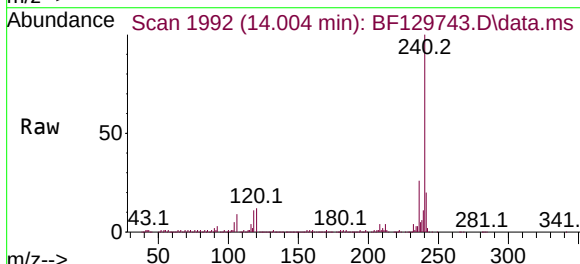
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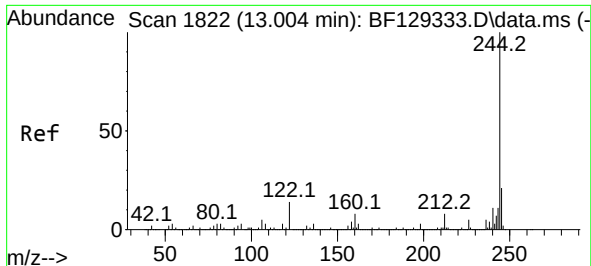
Tgt Ion:188 Resp: 448584
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129743.D
Acq: 12 Aug 2022 14:33

Tgt Ion:240 Resp: 272292
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.7 20.8 31.2

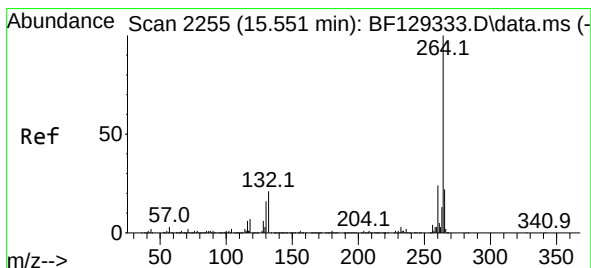
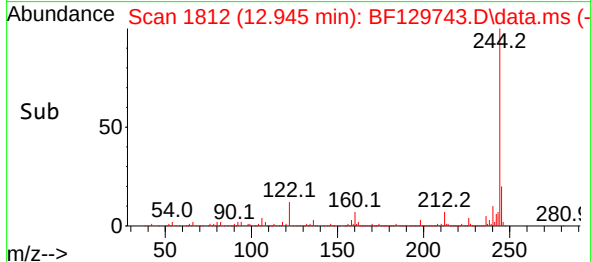
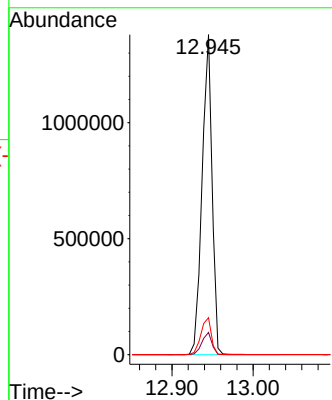
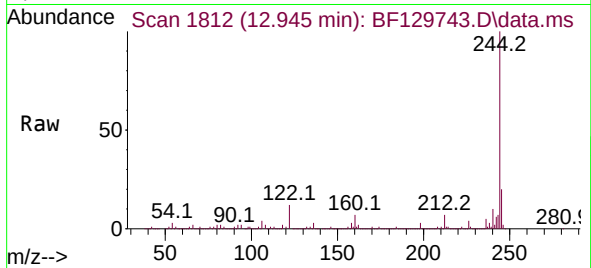




#79
 Terphenyl-d14
 Concen: 81.262 ng
 RT: 12.945 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: BF129743.D
 Acq: 12 Aug 2022 14:33

Instrument :
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Tgt Ion:244 Resp: 1172858
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. -0.000 min
 Lab File: BF129743.D
 Acq: 12 Aug 2022 14:33

Tgt Ion:264 Resp: 259174
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 19.9 17.2 25.8

