

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135444.D
 Acq On : 26 Sep 2023 10:43
 Operator : CG\JU
 Sample : PB155591TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155591TB

Quant Time: Sep 27 02:08:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	184435	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	717023	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	357716	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	690338	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	387070	20.000	ng	0.00
86) Perylene-d12	15.410	264	346610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1279738	112.854	ng	0.02
7) Phenol-d6	6.404	99	1610729	111.708	ng	0.00
23) Nitrobenzene-d5	7.316	82	1034302	78.370	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	362455	101.961	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1736453	73.238	ng	0.00
79) Terphenyl-d14	12.880	244	1683736	67.433	ng	0.00

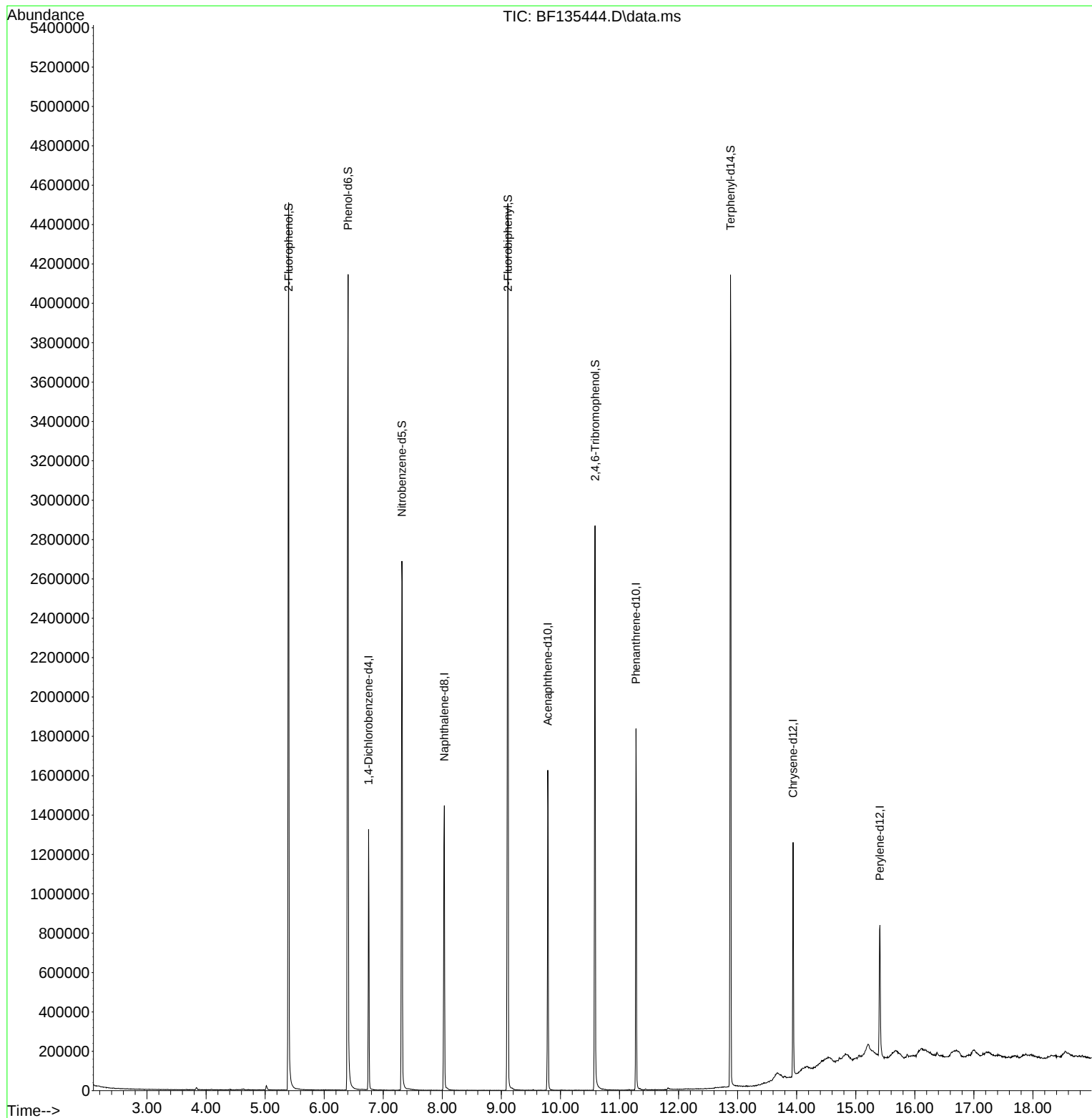
Target Compounds	Qvalue

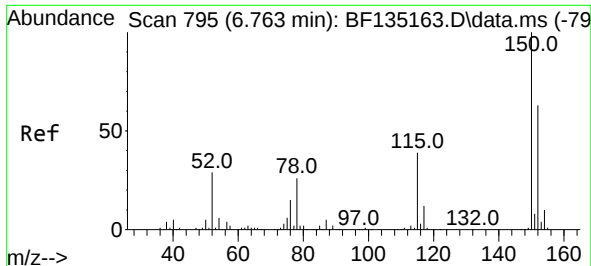
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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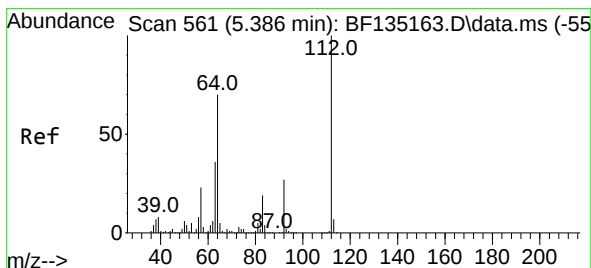
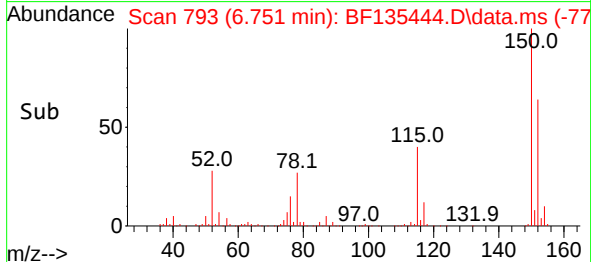
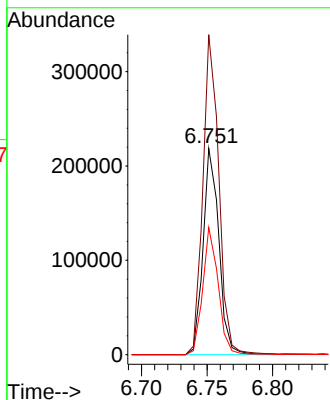
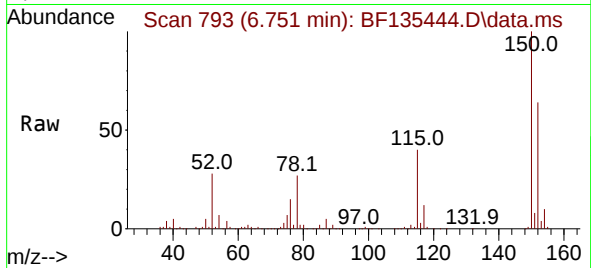




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

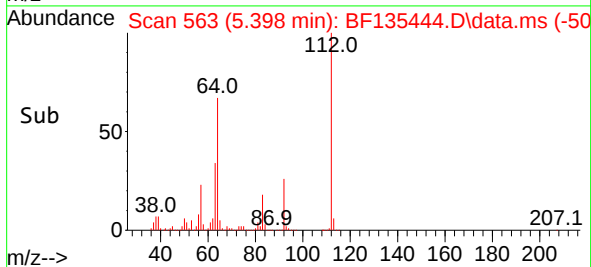
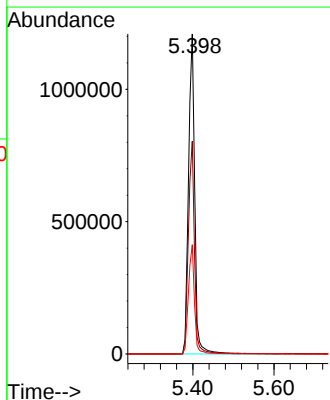
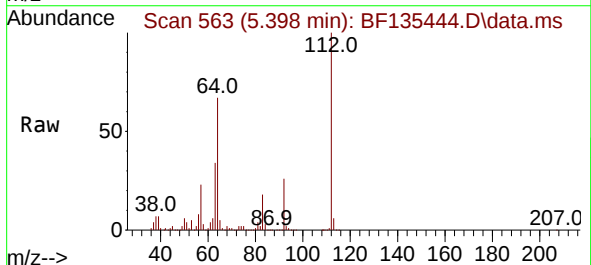
Instrument :
BNA_F
ClientSampleId :
PB155591TB

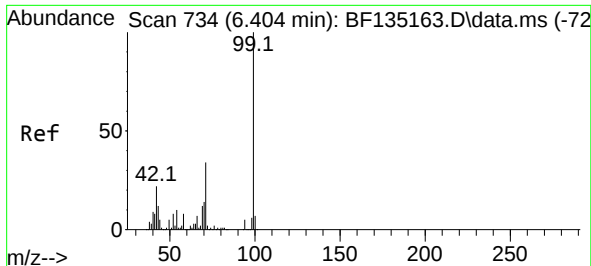
Tgt Ion:152 Resp: 184435
Ion Ratio Lower Upper
152 100
150 155.2 127.8 191.6
115 61.7 49.8 74.8



#5
2-Fluorophenol
Concen: 112.854 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Tgt Ion:112 Resp: 1279738
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.2 29.0 43.6



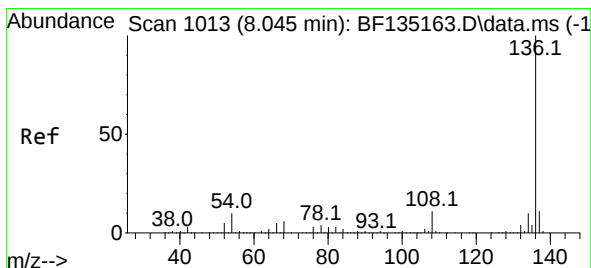
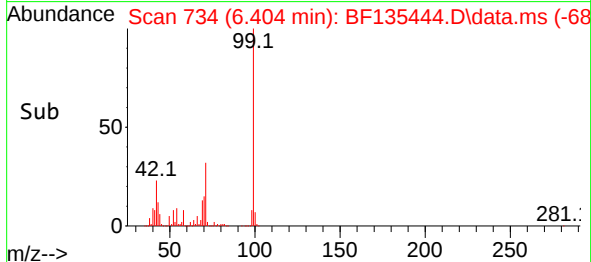
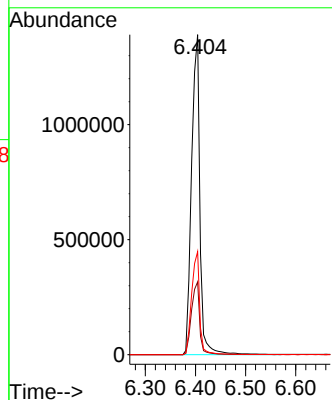
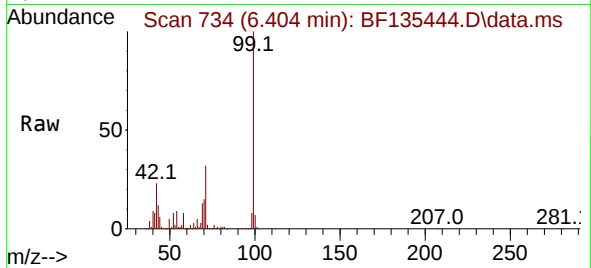


#7
Phenol-d6
Concen: 111.708 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Instrument :
BNA_F
ClientSampleId :
PB155591TB

Tgt Ion: 99 Resp: 1610729

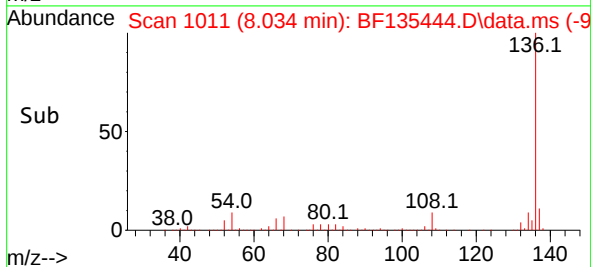
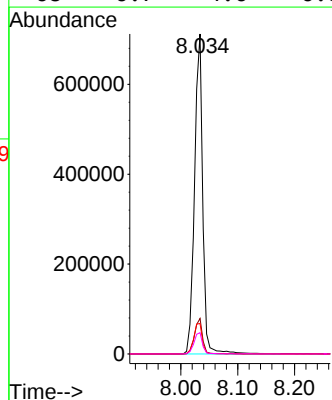
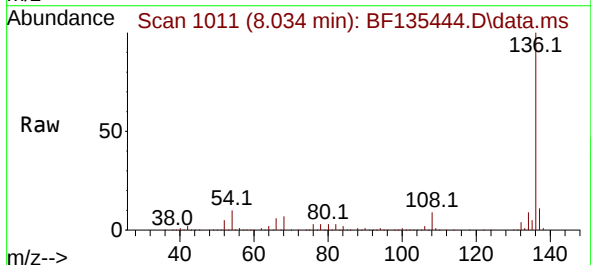
Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.2	27.0	40.6

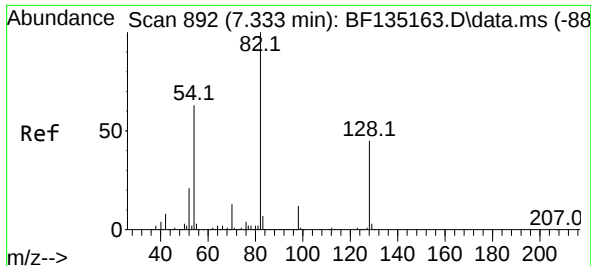


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Tgt Ion: 136 Resp: 717023

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.5	7.7	11.5
68	6.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 78.370 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135444.D

Acq: 26 Sep 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB155591TB

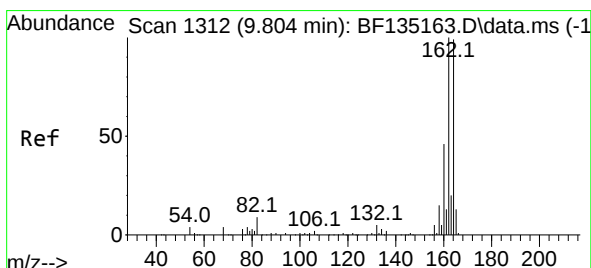
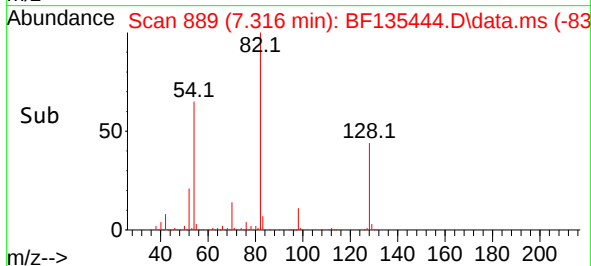
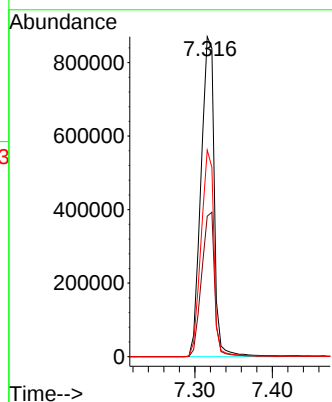
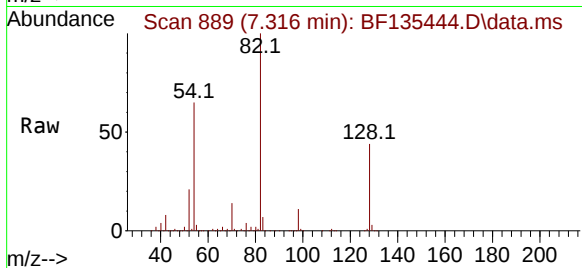
Tgt Ion: 82 Resp: 1034302

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 64.6 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF135444.D

Acq: 26 Sep 2023 10:43

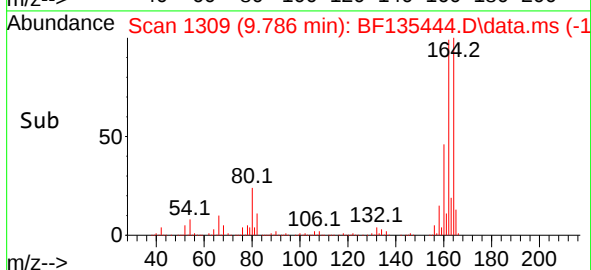
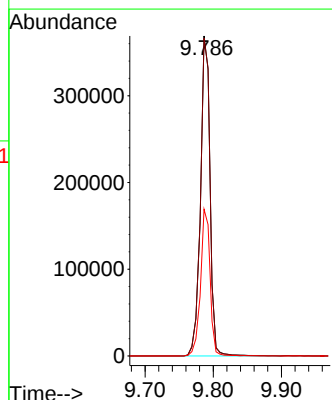
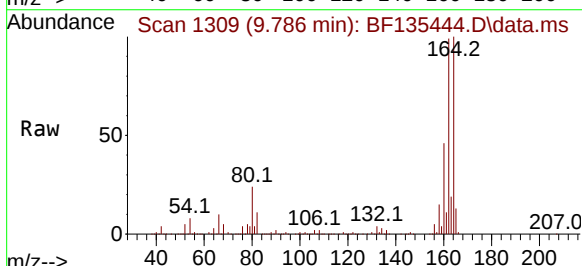
Tgt Ion: 164 Resp: 357716

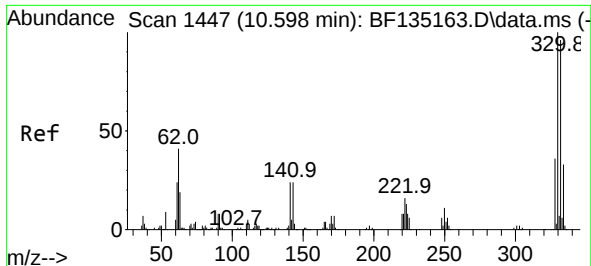
Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.4

160 45.9 37.0 55.4

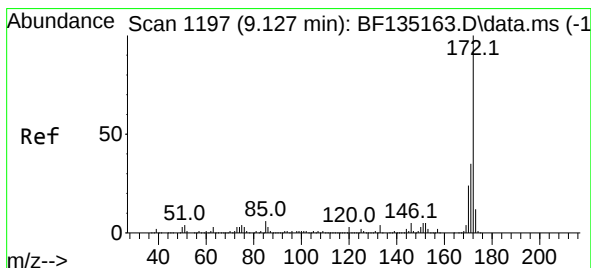
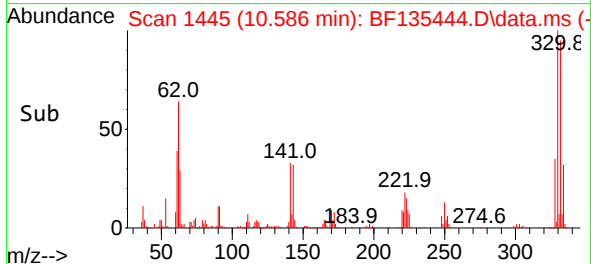
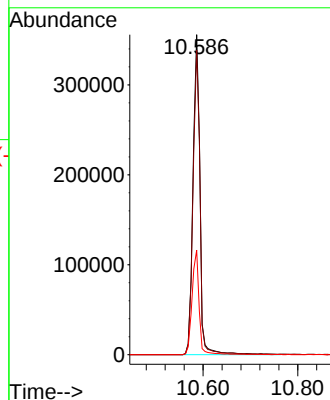
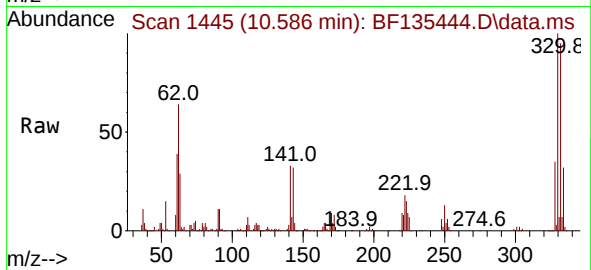




#42
2,4,6-Tribromophenol
Concen: 101.961 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

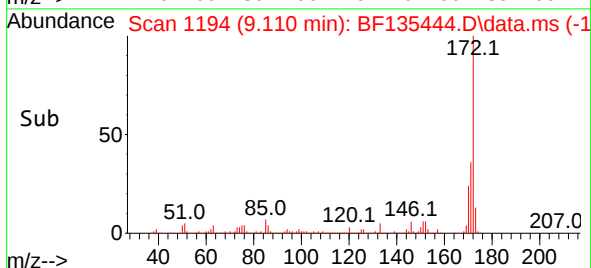
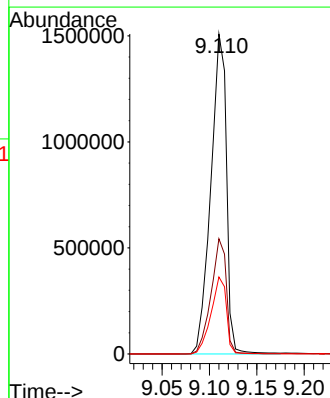
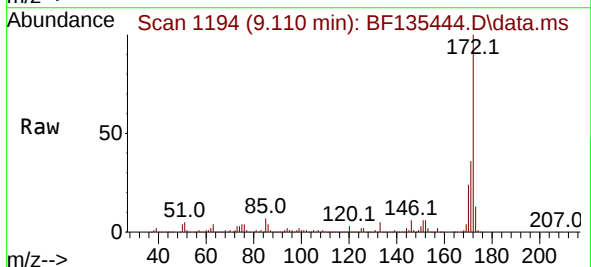
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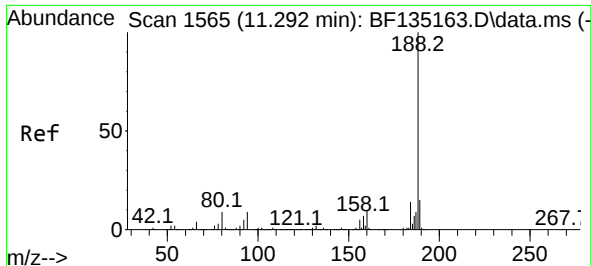
Tgt Ion:330 Resp: 362455
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 33.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.238 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Tgt Ion:172 Resp: 1736453
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 19.0 28.4

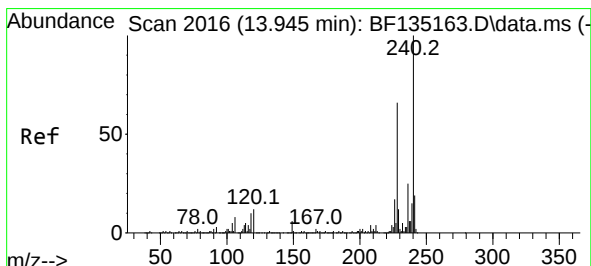
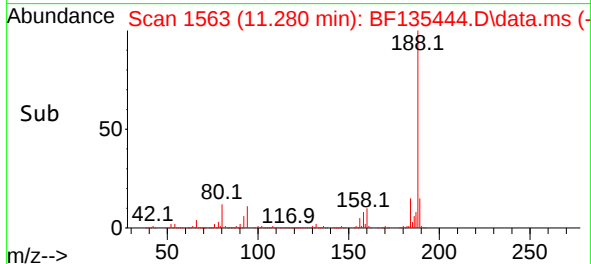
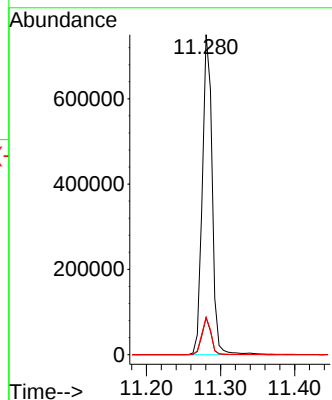
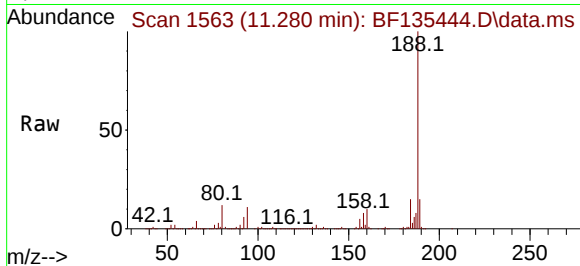




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

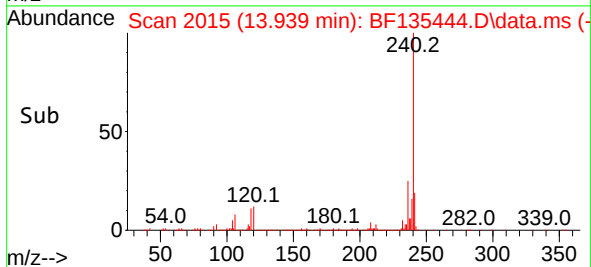
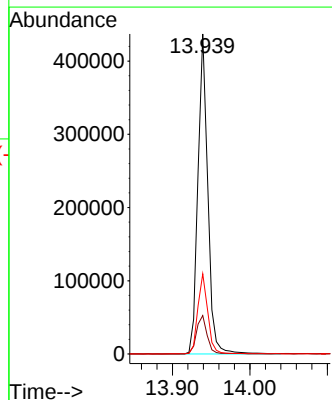
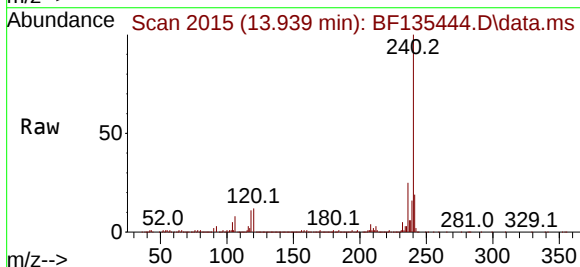
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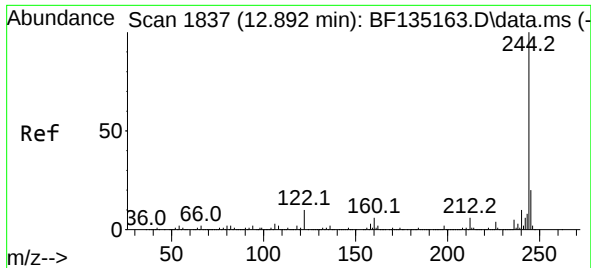
Tgt Ion:188 Resp: 690338
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.6#
80 11.8 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

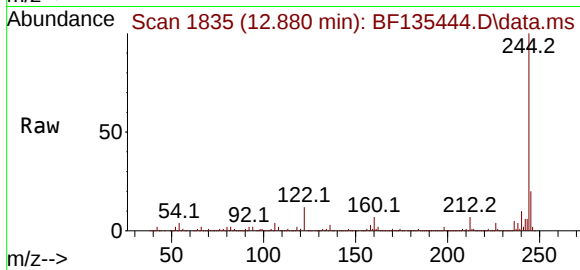
Tgt Ion:240 Resp: 387070
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 25.1 19.8 29.8



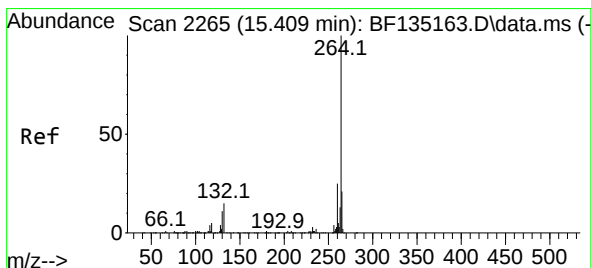
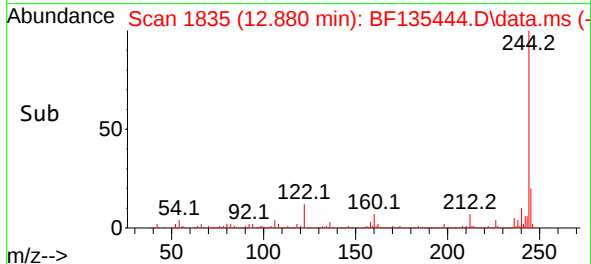
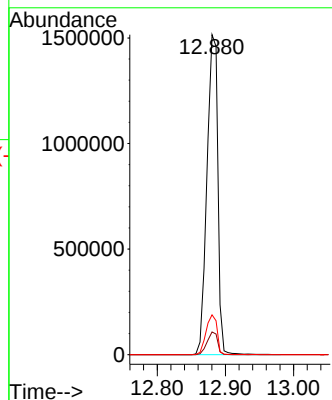


#79
 Terphenyl-d14
 Concen: 67.433 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135444.D
 Acq: 26 Sep 2023 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB155591TB



Tgt Ion:244 Resp: 1683736
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 12.4 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135444.D
 Acq: 26 Sep 2023 10:43

Tgt Ion:264 Resp: 346610
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 22.7 17.0 25.4

