

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052521\
 Data File : BF124054.D
 Acq On : 25 May 2021 20:02
 Operator : JU/CG
 Sample : M2366-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-SPOILS-5-11-21-A

Quant Time: May 26 02:35:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	63175	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	250698	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	132631	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	207450	20.00	ng	0.00
76) Chrysene-d12	14.069	240	131699	20.00	ng	0.00
86) Perylene-d12	15.563	264	127780	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	455329	101.20	ng	0.03
7) Phenol-d6	6.528	99	540430	92.59	ng	0.00
23) Nitrobenzene-d5	7.457	82	492071	84.57	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	186256	116.92	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	846256	78.52	ng	0.00
79) Terphenyl-d14	13.010	244	678734	78.06	ng	0.00

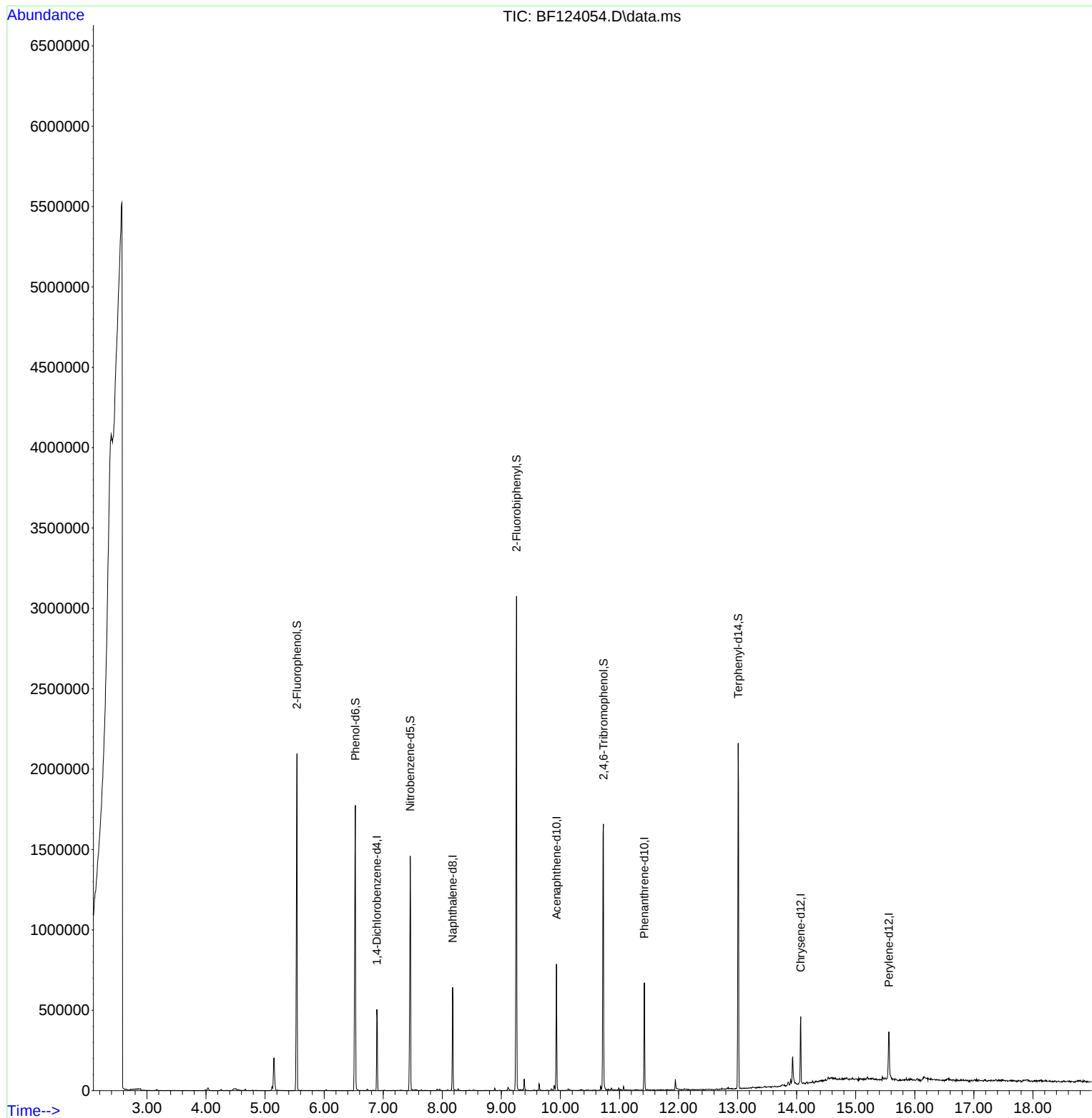
Target Compounds	Qvalue

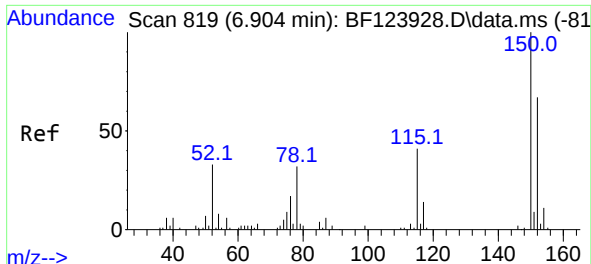
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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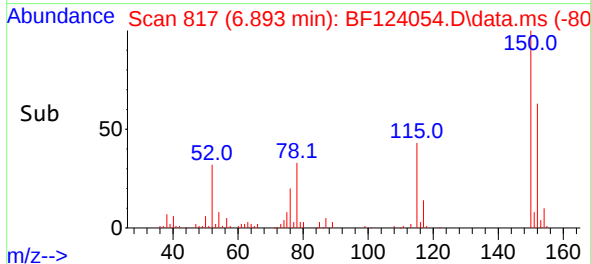
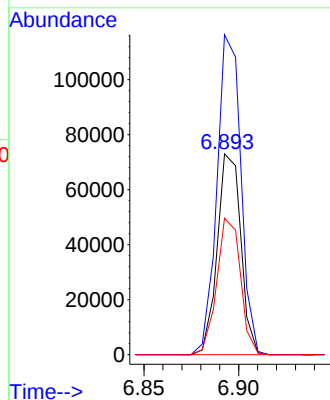
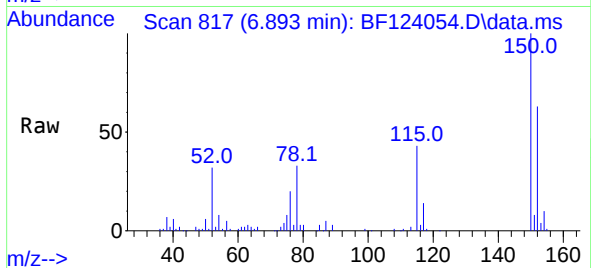




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.011 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

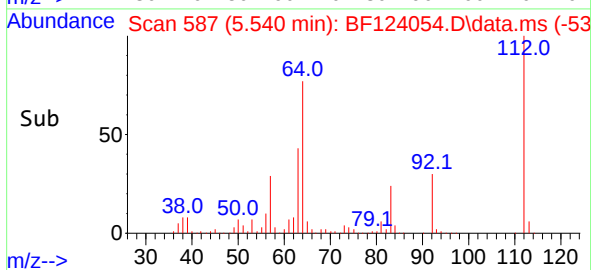
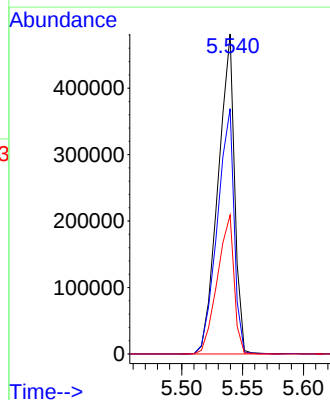
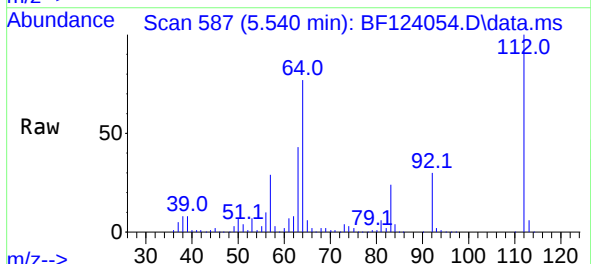
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-A

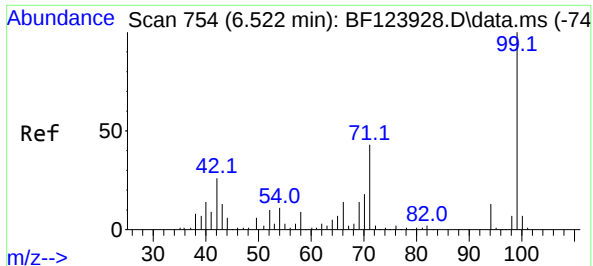
Tgt Ion:152 Resp: 63175
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.6
115 67.9 54.3 81.5



#5
2-Fluorophenol
Concen: 101.20 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.030 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

Tgt Ion:112 Resp: 455329
Ion Ratio Lower Upper
112 100
64 76.7 61.4 92.0
63 43.4 33.0 49.4

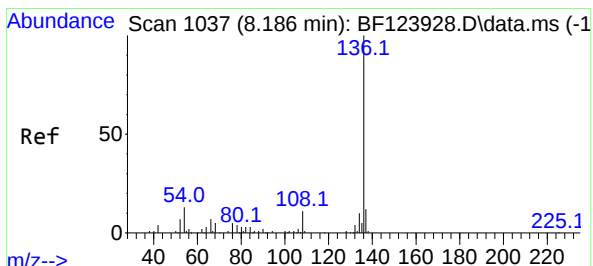
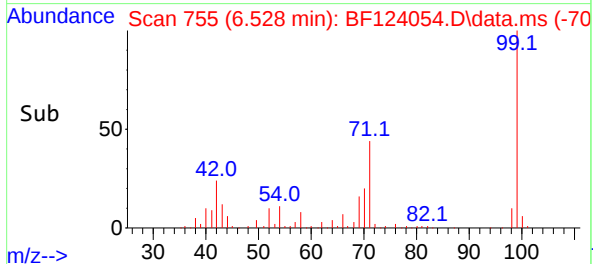
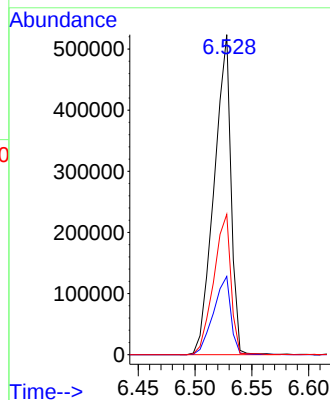
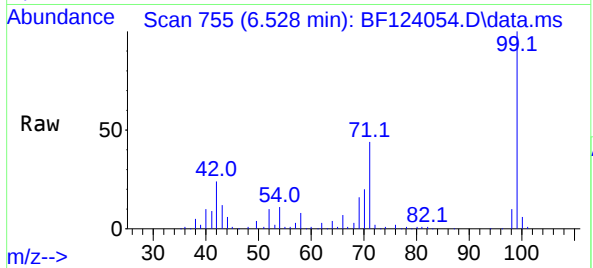




#7
Phenol-d6
Concen: 92.59 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

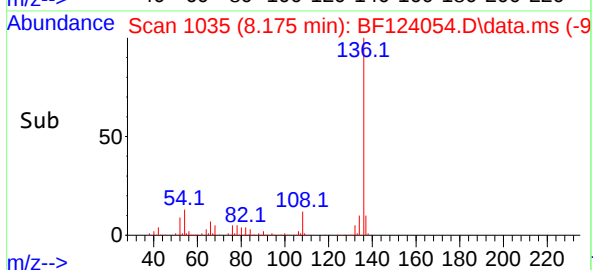
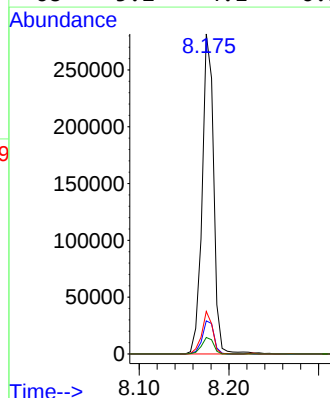
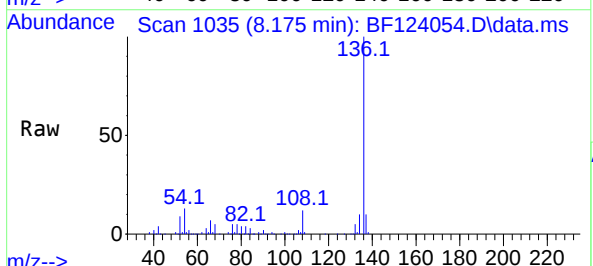
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-A

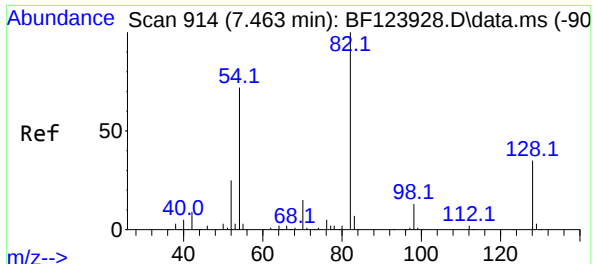
Tgt Ion: 99 Resp: 540430
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 43.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

Tgt Ion: 136 Resp: 250698
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 13.3 9.8 14.6
68 5.2 4.1 6.1

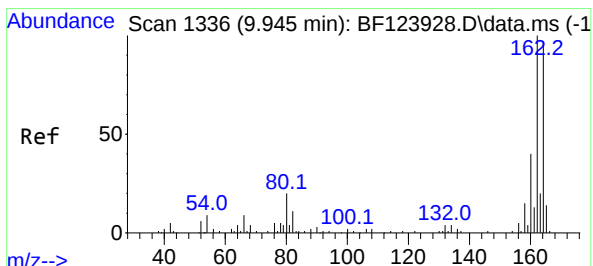
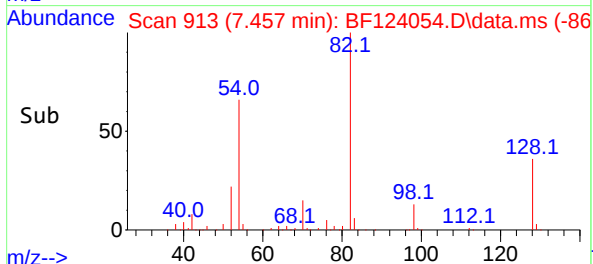
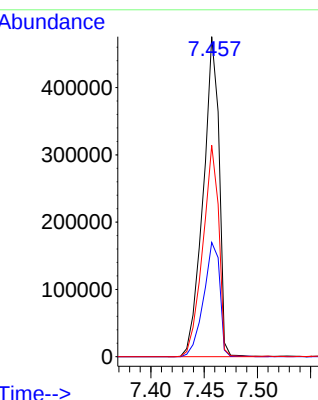
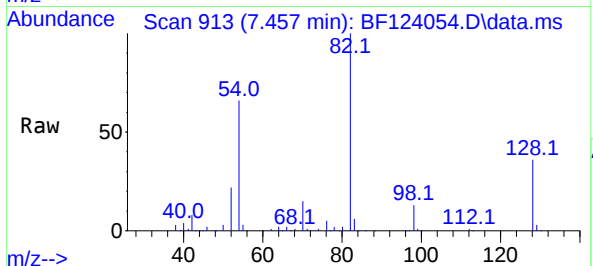




#23
Nitrobenzene-d5
Concen: 84.57 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

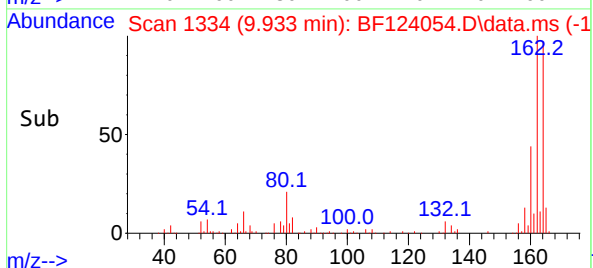
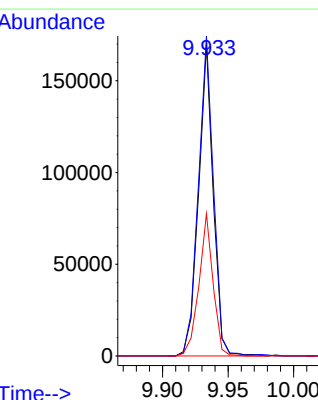
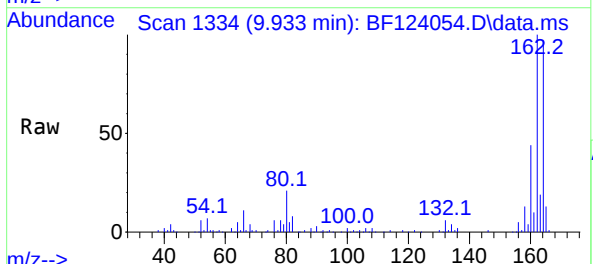
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-A

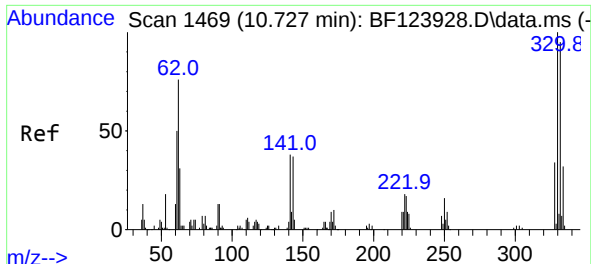
Tgt Ion: 82 Resp: 492071
Ion Ratio Lower Upper
82 100
128 35.7 29.4 44.2
54 66.1 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

Tgt Ion:164 Resp: 132631
Ion Ratio Lower Upper
164 100
162 102.7 80.7 121.1
160 45.7 37.3 55.9

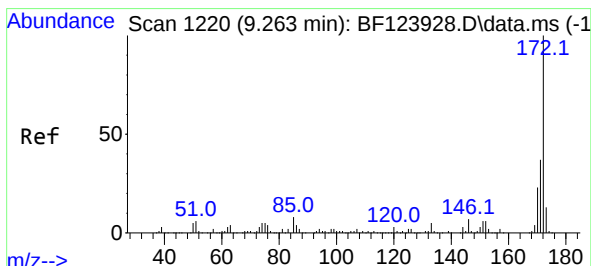
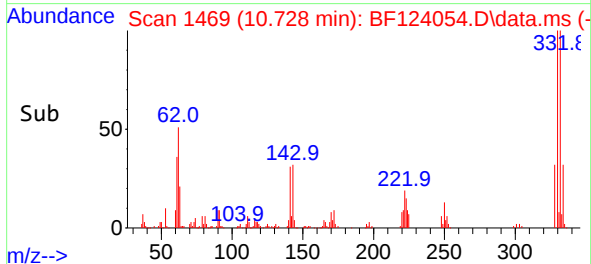
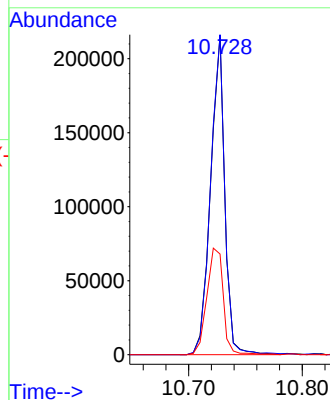
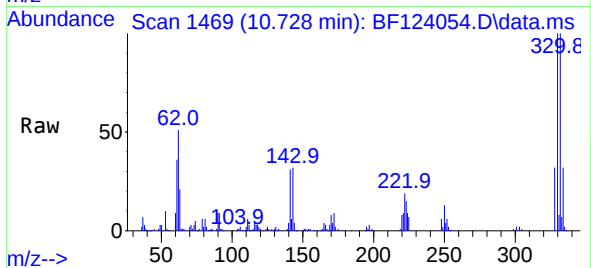




#42
2,4,6-Tribromophenol
Concen: 116.92 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

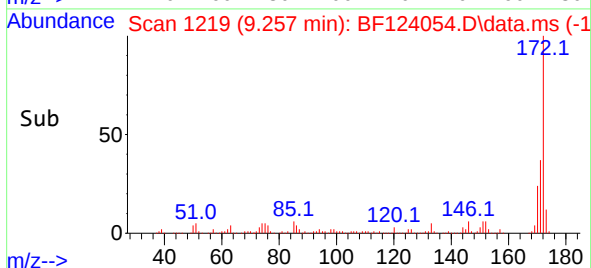
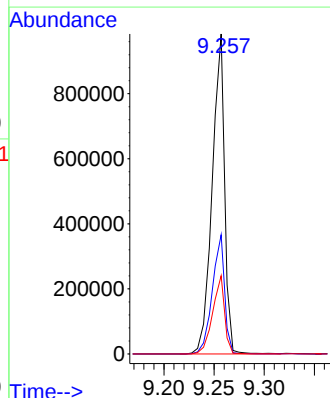
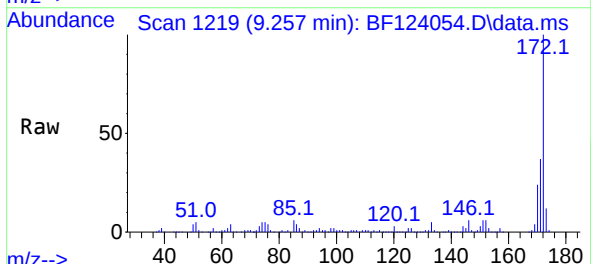
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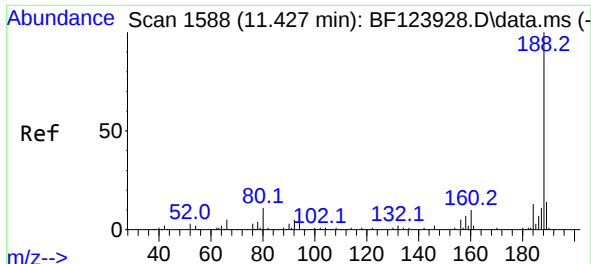
Tgt Ion:330 Resp: 186256
Ion Ratio Lower Upper
330 100
332 100.5 77.1 115.7
141 38.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 78.52 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

Tgt Ion:172 Resp: 846256
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 24.4 19.2 28.8

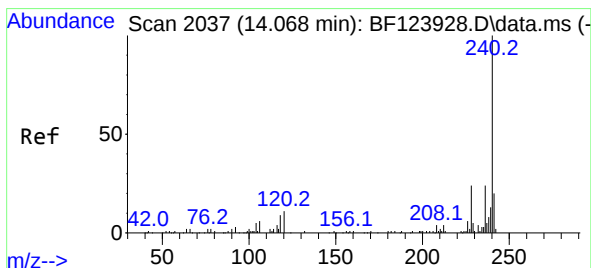
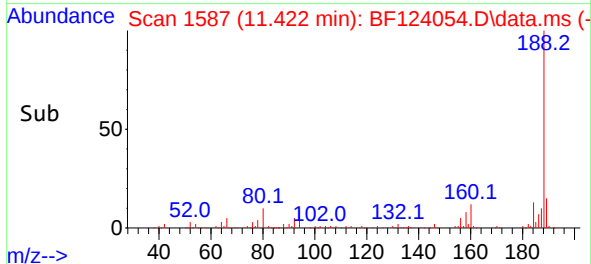
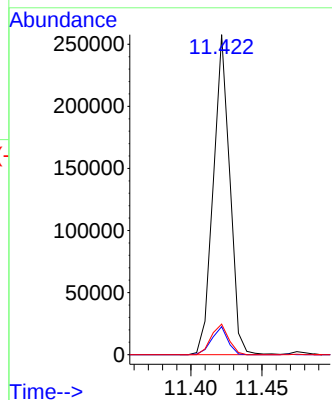
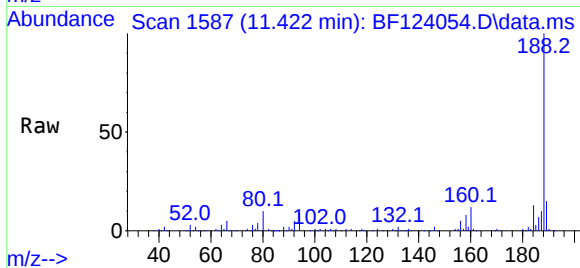




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

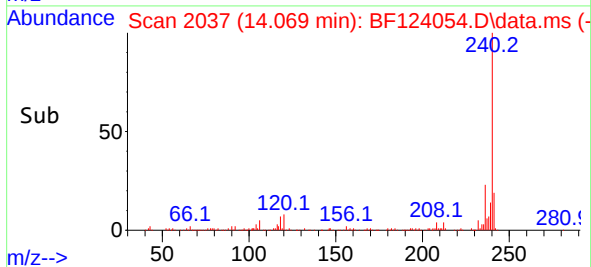
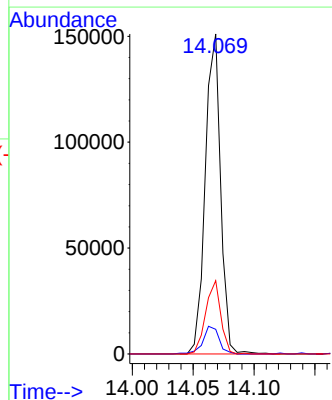
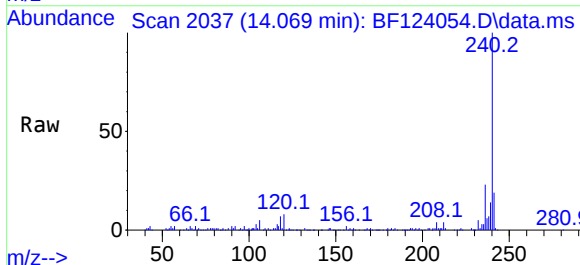
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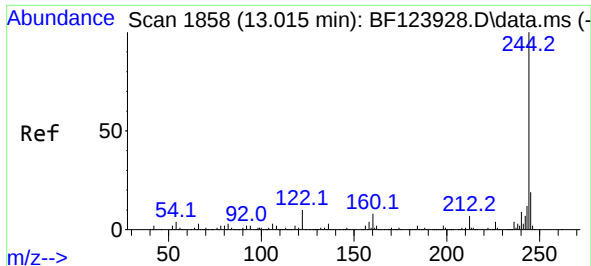
Tgt Ion:188 Resp: 207450
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

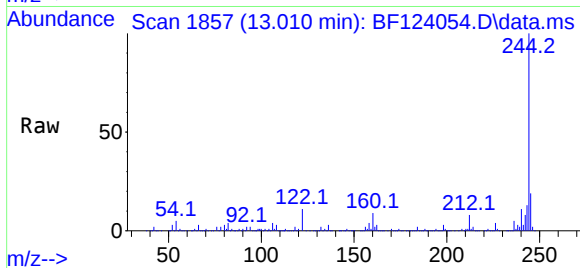
Tgt Ion:240 Resp: 131699
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 22.9 19.0 28.4



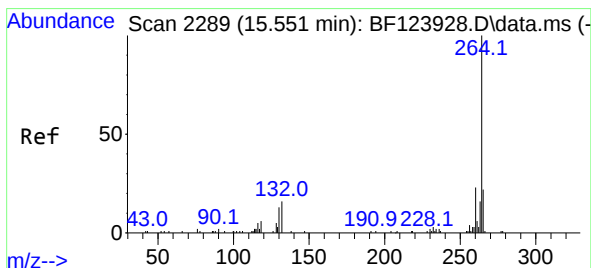
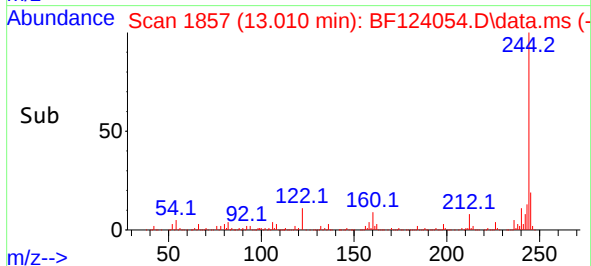
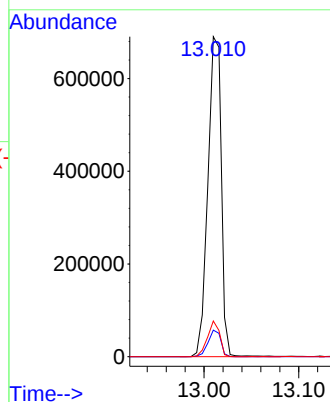


#79
Terphenyl-d14
Concen: 78.06 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

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Tgt Ion:244 Resp: 678734
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 11.2 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.563 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF124054.D
Acq: 25 May 2021 20:02

Tgt Ion:264 Resp: 127780
Ion Ratio Lower Upper
264 100
260 22.3 18.7 28.1
265 21.7 17.8 26.8

