

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126845.D
 Acq On : 10 Feb 2022 15:59
 Operator : CG\JU
 Sample : N1357-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Feb 10 17:21:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	113195	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	458812	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	232467	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	407036	20.000	ng	0.00
76) Chrysene-d12	14.110	240	237992	20.000	ng	#-0.01
86) Perylene-d12	15.621	264	180820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	977402	132.944	ng	0.02
7) Phenol-d6	6.557	99	1163381	117.216	ng	0.00
23) Nitrobenzene-d5	7.498	82	1017137	102.287	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	361875	145.202	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1552522	100.530	ng	0.00
79) Terphenyl-d14	13.063	244	1656549	99.784	ng	0.00

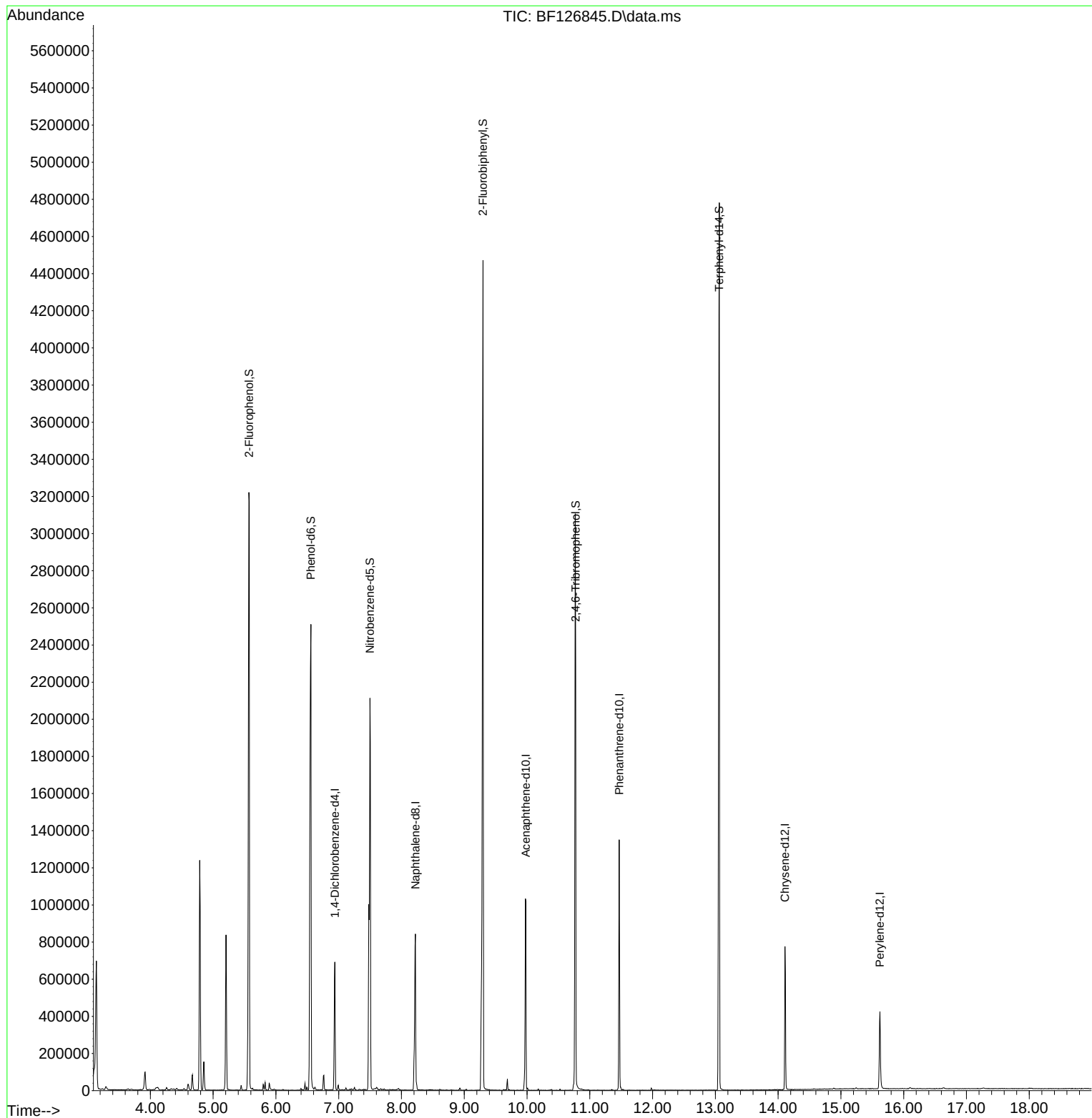
Target Compounds	Qvalue

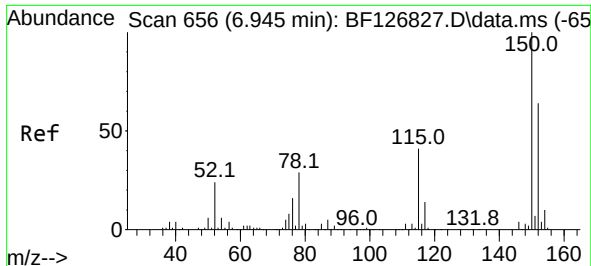
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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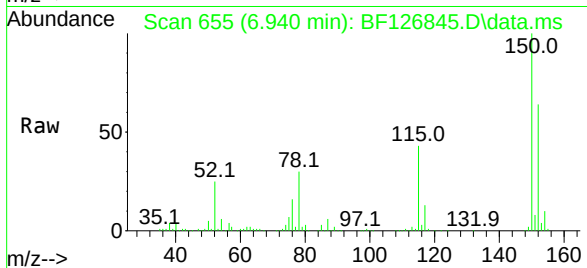
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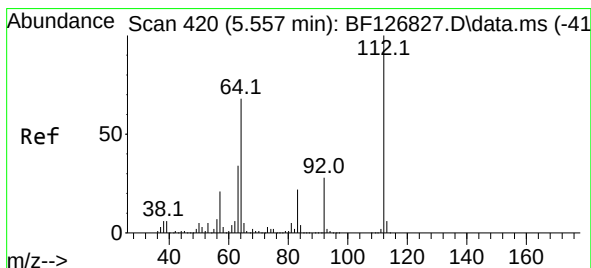
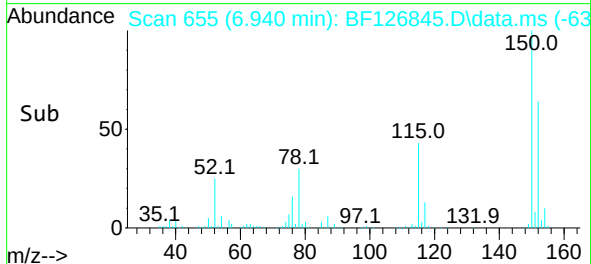
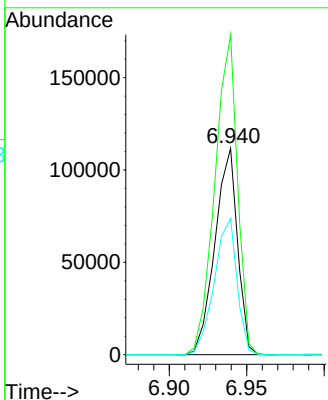


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.005 min
Lab File: BF126845.D
Acq: 10 Feb 2022 15:59

Instrument :
BNA_F
ClientSampleId :
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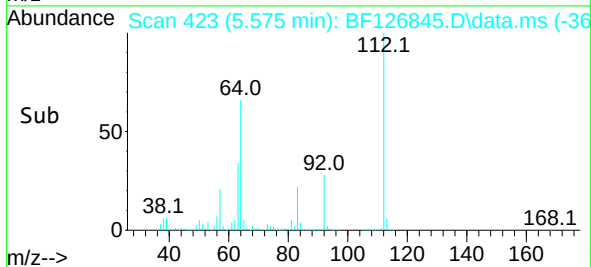
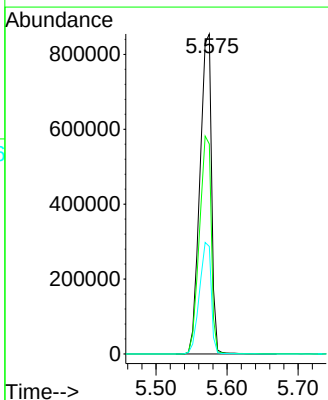
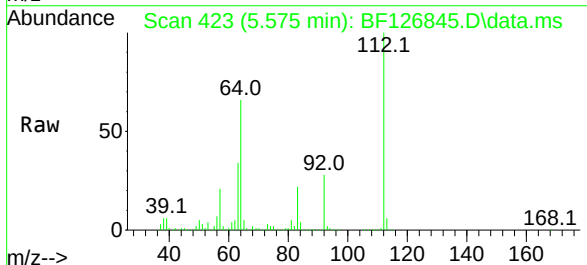


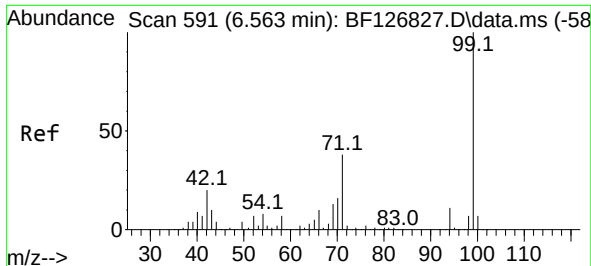
Tgt Ion:152 Resp: 113195
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 66.1 50.5 75.7



#5
2-Fluorophenol
Concen: 132.944 ng
RT: 5.575 min Scan# 423
Delta R.T. 0.018 min
Lab File: BF126845.D
Acq: 10 Feb 2022 15:59

Tgt Ion:112 Resp: 977402
Ion Ratio Lower Upper
112 100
64 65.6 54.3 81.5
63 33.6 27.5 41.3

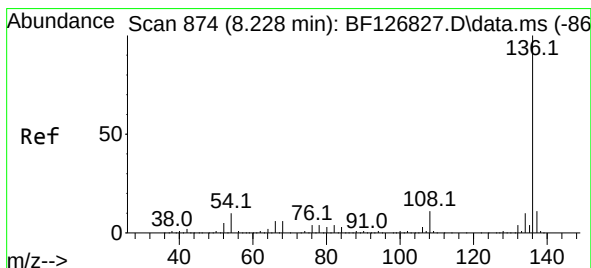
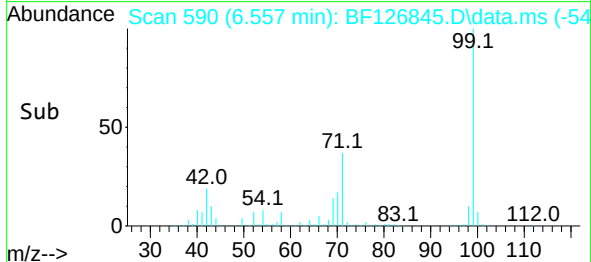
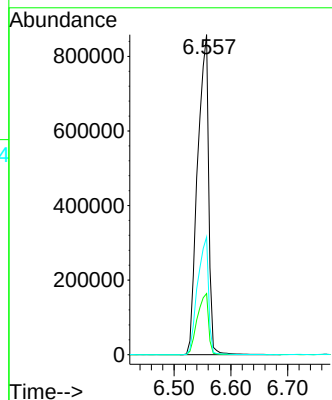
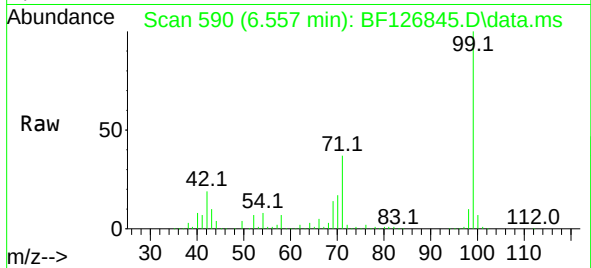




#7
Phenol-d6
Concen: 117.216 ng
RT: 6.557 min Scan# 591
Delta R.T. -0.006 min
Lab File: BF126845.D
Acq: 10 Feb 2022 15:59

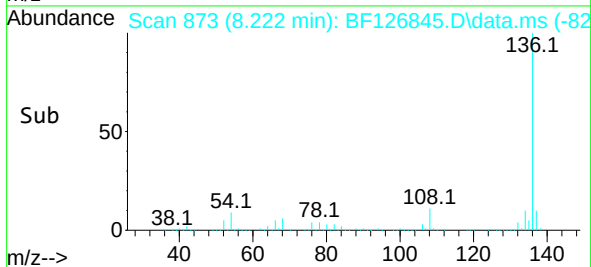
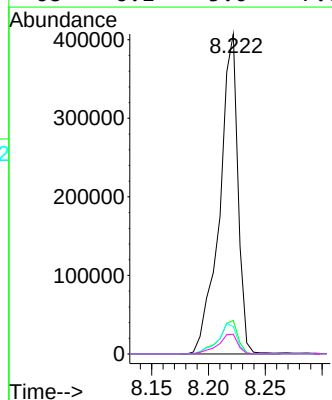
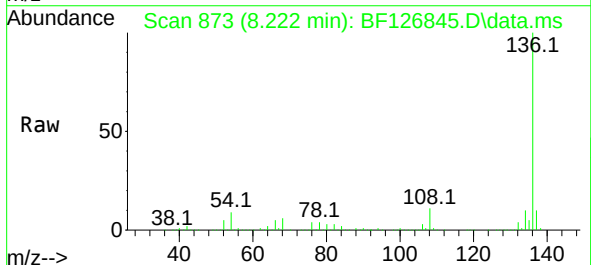
Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

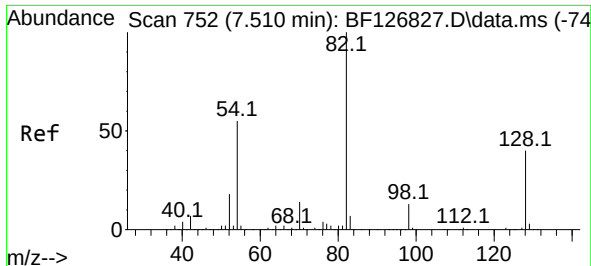
Tgt Ion: 99 Resp: 1163381
Ion Ratio Lower Upper
99 100
42 19.1 15.8 23.6
71 36.7 30.6 45.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF126845.D
Acq: 10 Feb 2022 15:59

Tgt Ion: 136 Resp: 458812
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 8.5 8.0 12.0
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 102.287 ng

RT: 7.498 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126845.D

Acq: 10 Feb 2022 15:59

Instrument :

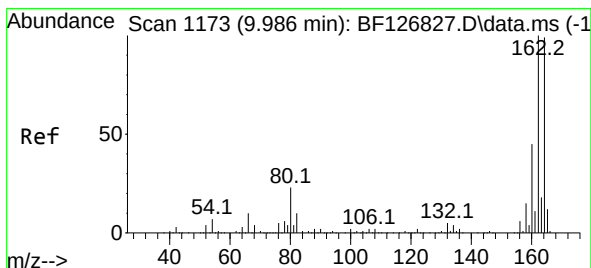
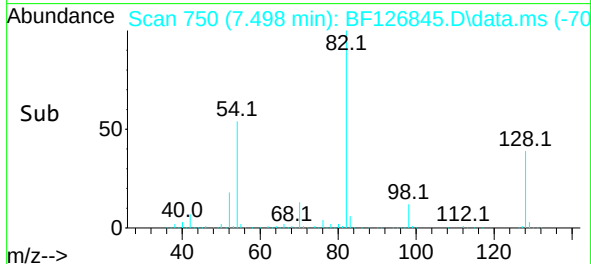
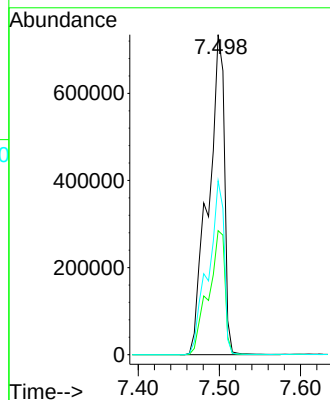
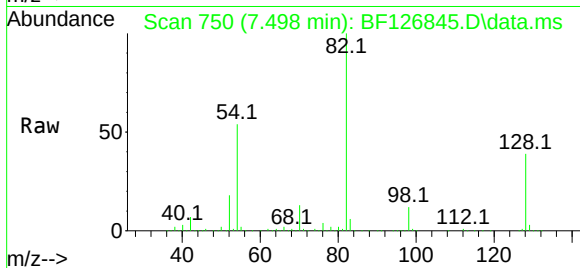
BNA_F

ClientSampleId :

SOIL-CUTTINGS

Tgt Ion: 82 Resp: 1017137

Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.6	47.4
54	54.4	43.7	65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.981 min Scan# 1172

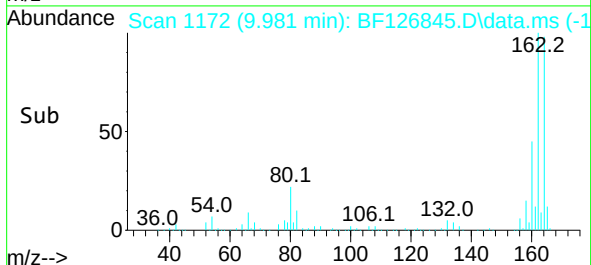
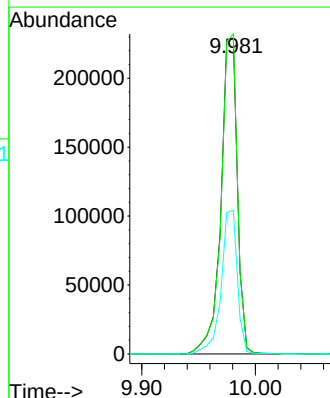
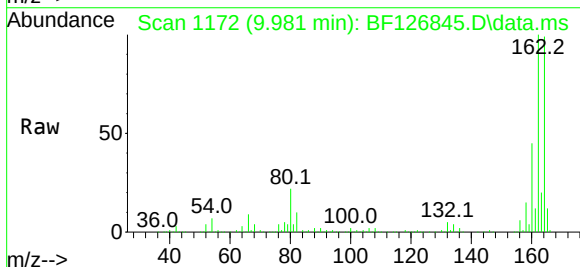
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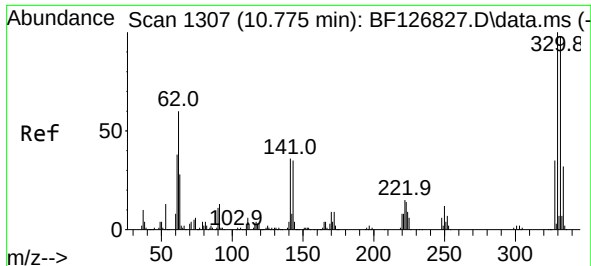
Lab File: BF126845.D

Acq: 10 Feb 2022 15:59

Tgt Ion: 164 Resp: 232467

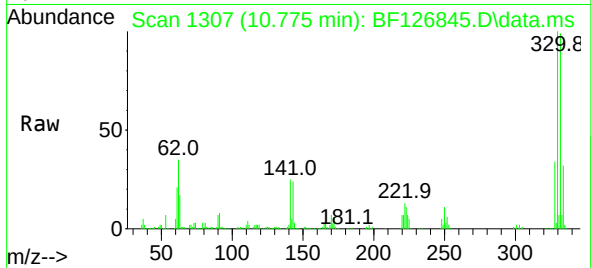
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.9	121.3
160	45.6	36.0	54.0



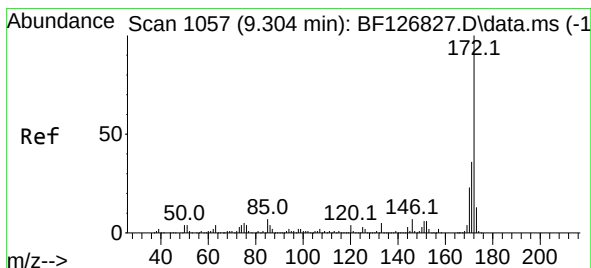
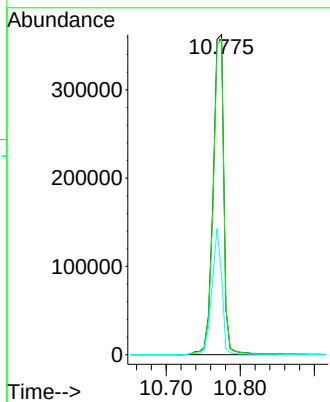
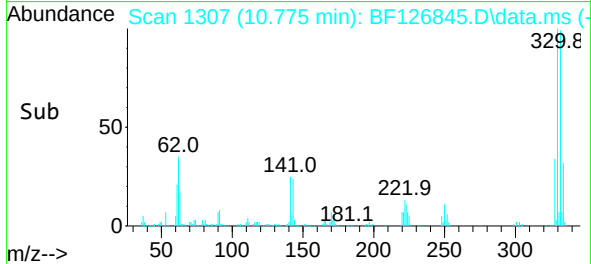


#42
2,4,6-Tribromophenol
Concen: 145.202 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126845.D
Acq: 10 Feb 2022 15:59

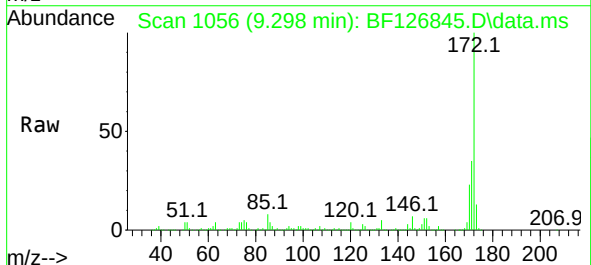
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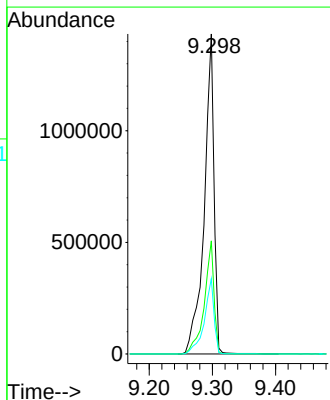
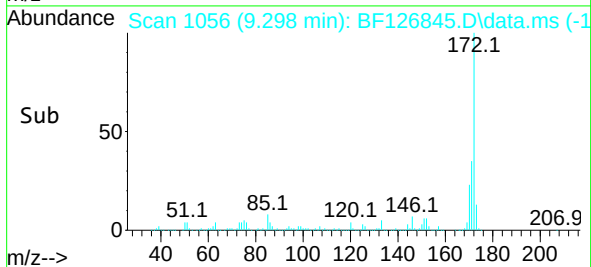
Tgt Ion:330 Resp: 361875
Ion Ratio Lower Upper
330 100
332 98.6 78.2 117.4
141 36.6 31.2 46.8

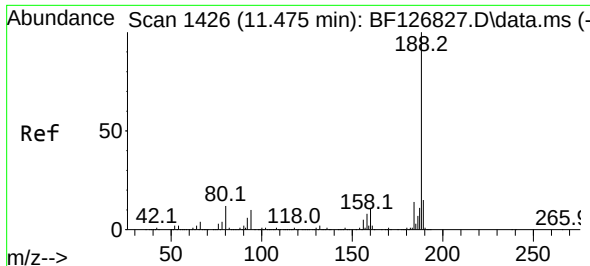


#45
2-Fluorobiphenyl
Concen: 100.530 ng
RT: 9.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126845.D
Acq: 10 Feb 2022 15:59



Tgt Ion:172 Resp: 1552522
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.5 18.7 28.1

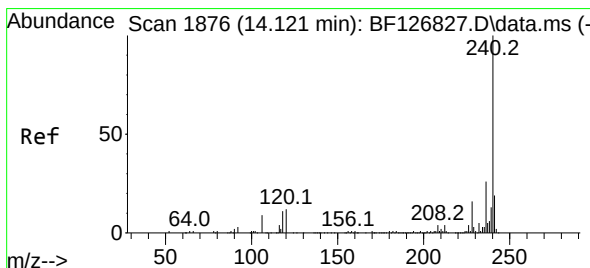
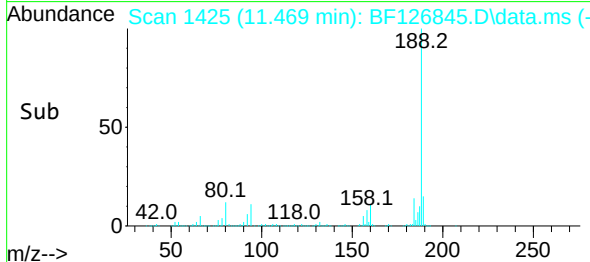
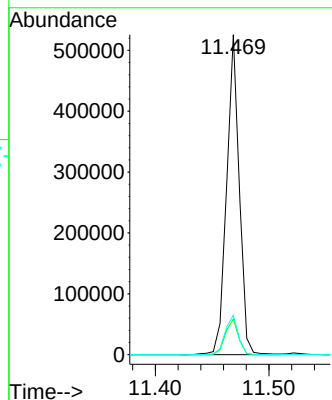
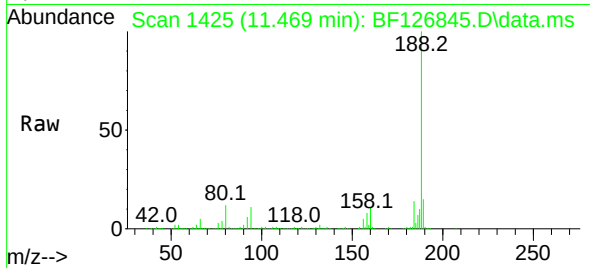




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126845.D
Acq: 10 Feb 2022 15:59

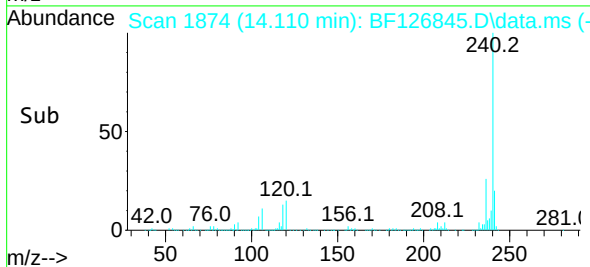
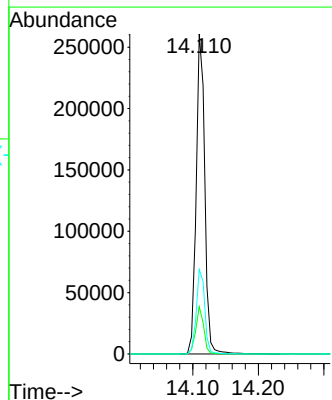
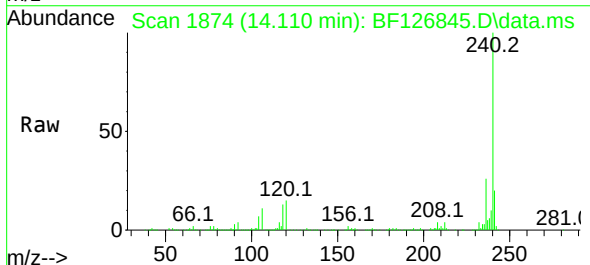
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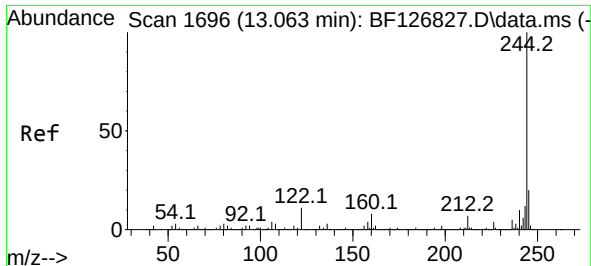
Tgt Ion:188 Resp: 407036
Ion Ratio Lower Upper
188 100
94 11.1 8.1 12.1
80 12.4 9.5 14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126845.D
Acq: 10 Feb 2022 15:59

Tgt Ion:240 Resp: 237992
Ion Ratio Lower Upper
240 100
120 14.8 9.8 14.6#
236 26.4 20.5 30.7

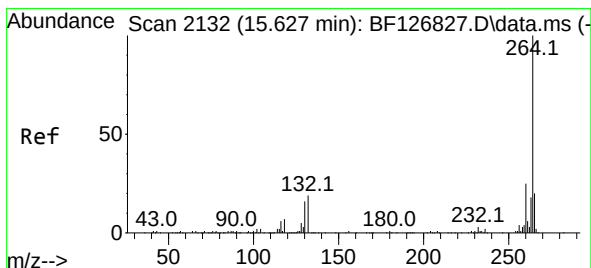
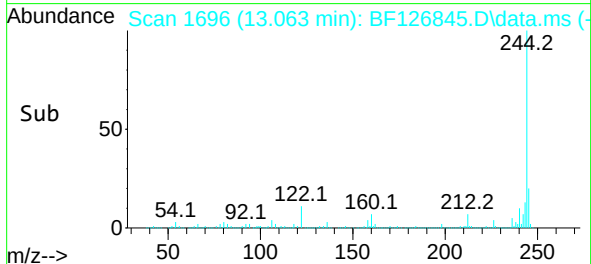
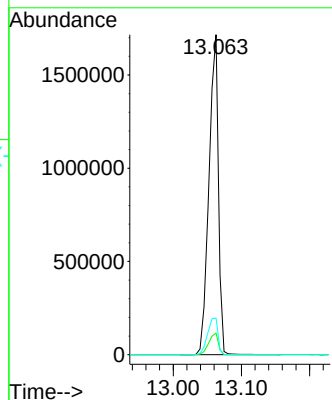
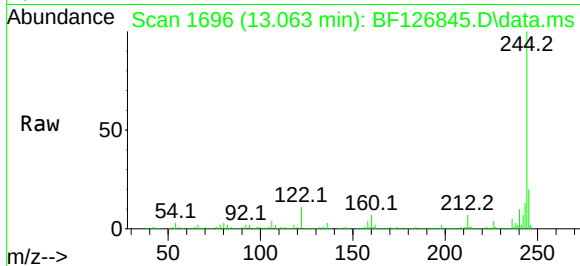




#79
 Terphenyl-d14
 Concen: 99.784 ng
 RT: 13.063 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF126845.D
 Acq: 10 Feb 2022 15:59

Instrument :
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Tgt Ion:244 Resp: 1656549
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF126845.D
 Acq: 10 Feb 2022 15:59

Tgt Ion:264 Resp: 180820
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 21.2 15.9 23.9

