

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
 Data File : BP007939.D
 Acq On : 11 Nov 2021 02:10
 Operator : CG/JU
 Sample : M4605-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VWE-B19-110821-10-20

Quant Time: Nov 11 10:21:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 10:45:24 2021
 Response via : Initial Calibration

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

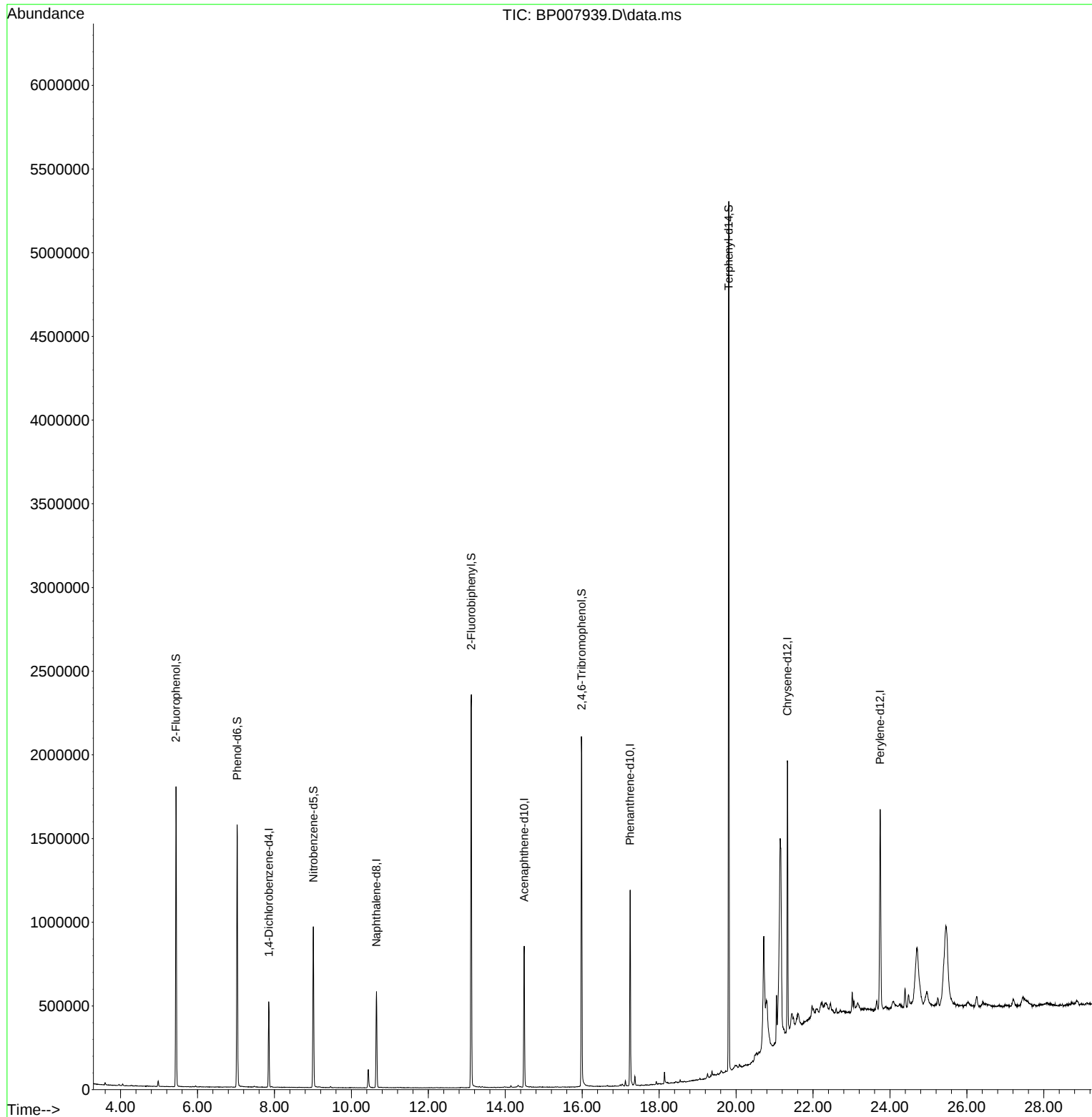
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	138226	20.000	ng	-0.01
21) Naphthalene-d8	10.652	136	464839	20.000	ng	#-0.01
39) Acenaphthene-d10	14.493	164	304806	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	703099	20.000	ng	#-0.01
76) Chrysene-d12	21.333	240	839033	20.000	ng	-0.02
86) Perylene-d12	23.745	264	955643	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	744638	91.362	ng	0.00
7) Phenol-d6	7.028	99	885395	75.053	ng	-0.01
23) Nitrobenzene-d5	9.011	82	538392	62.217	ng	-0.02
42) 2,4,6-Tribromophenol	15.987	330	433138	99.571	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1254931	59.957	ng	-0.01
79) Terphenyl-d14	19.810	244	2402897	58.317	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.352	88	150	Below Cal	Qvalue #	45

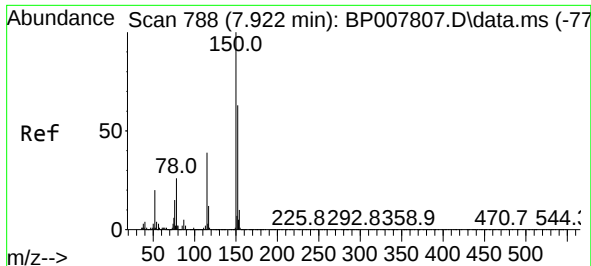
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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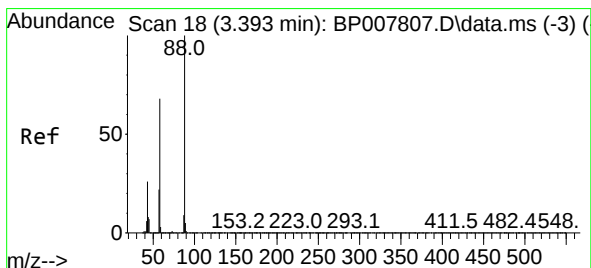
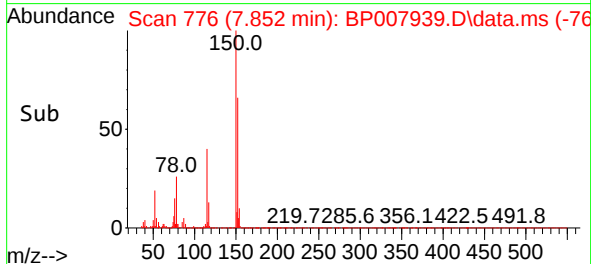
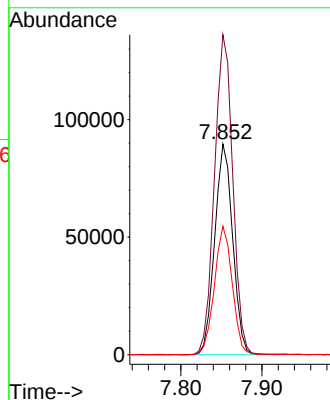
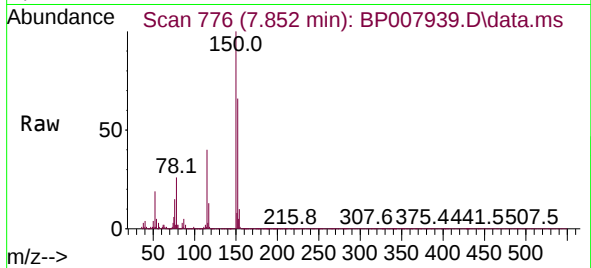




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

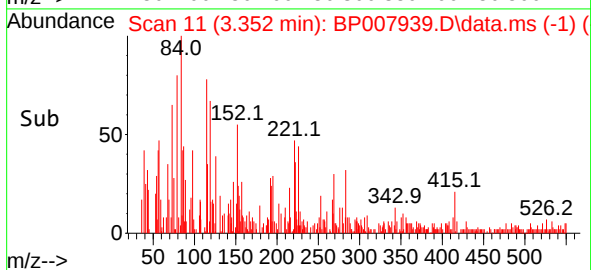
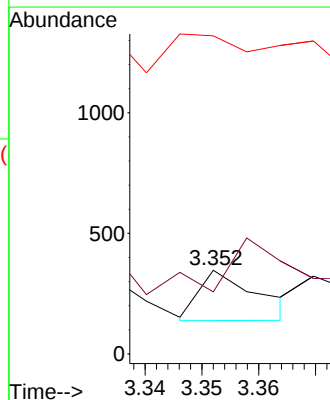
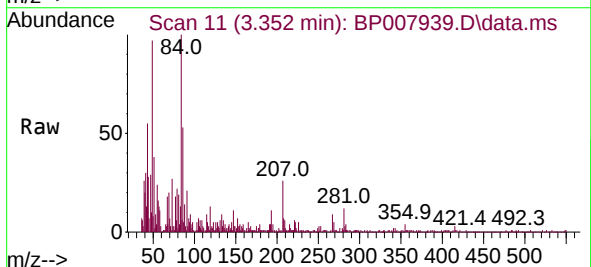
Instrument :
BNA_P
ClientSampleId :
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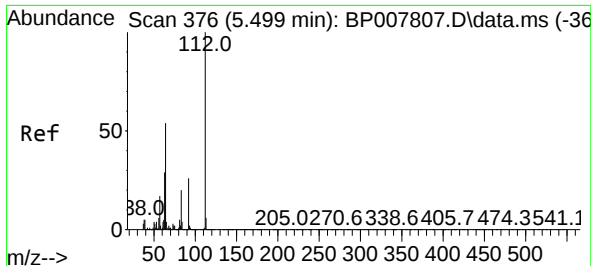
Tgt Ion:152 Resp: 138226
Ion Ratio Lower Upper
152 100
150 151.8 124.1 186.1
115 60.9 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.352 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
58 119.3 58.1 87.1#
43 0.0 22.2 33.4#

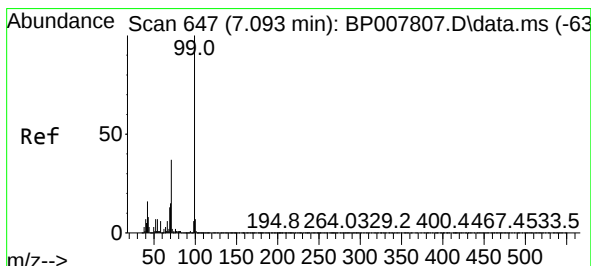
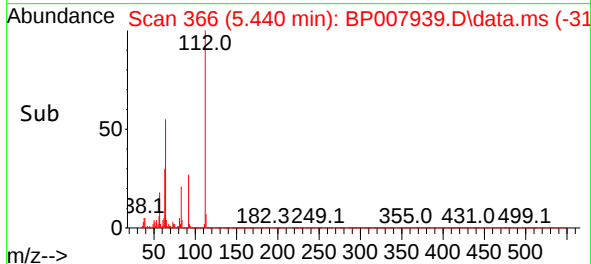
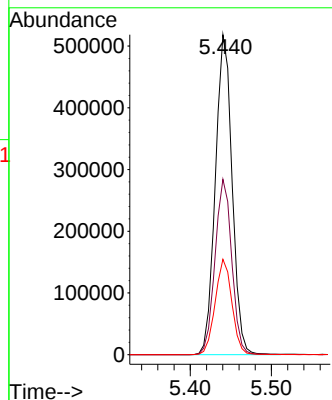
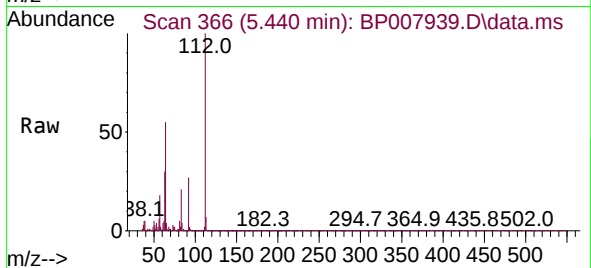




#5
2-Fluorophenol
Concen: 91.362 ng
RT: 5.440 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

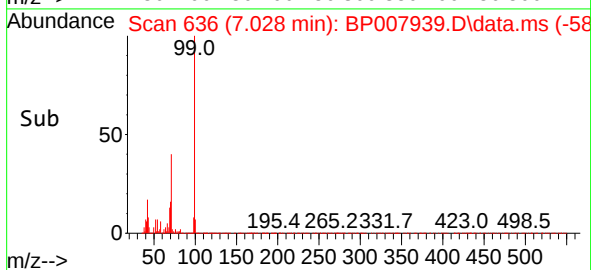
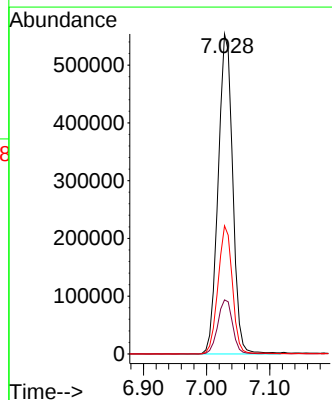
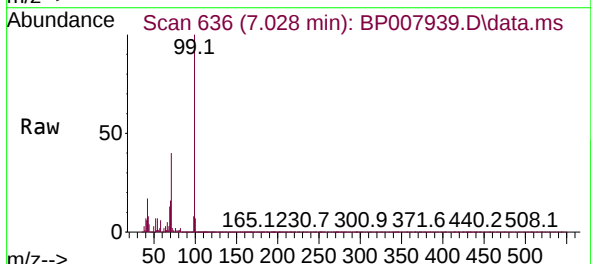
Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-10-20

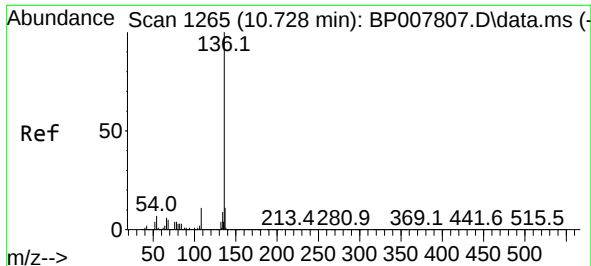
Tgt Ion:112 Resp: 744638
Ion Ratio Lower Upper
112 100
64 54.8 46.6 70.0
63 29.8 25.0 37.6



#7
Phenol-d6
Concen: 75.053 ng
RT: 7.028 min Scan# 636
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion: 99 Resp: 885395
Ion Ratio Lower Upper
99 100
42 16.9 14.9 22.3
71 40.0 29.2 43.8

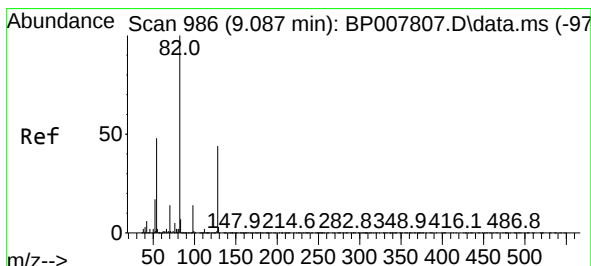
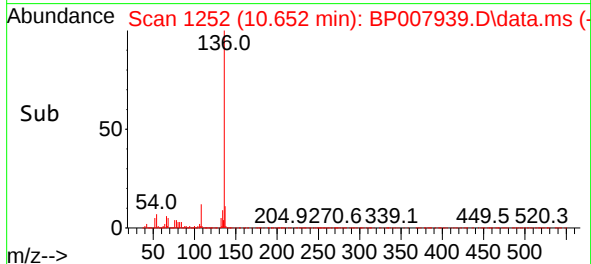
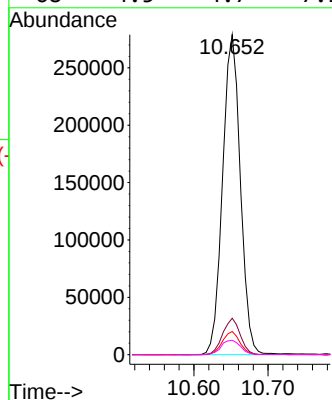
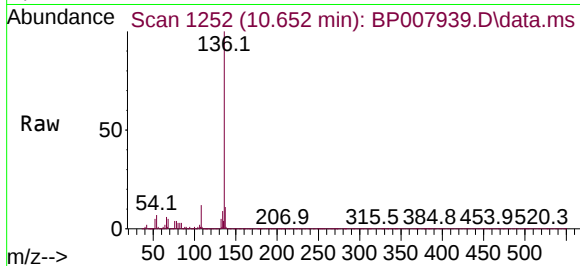




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

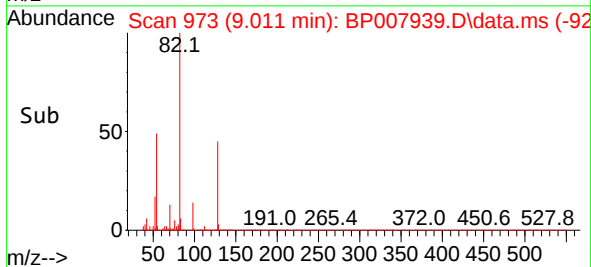
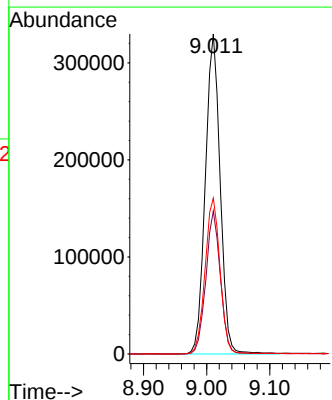
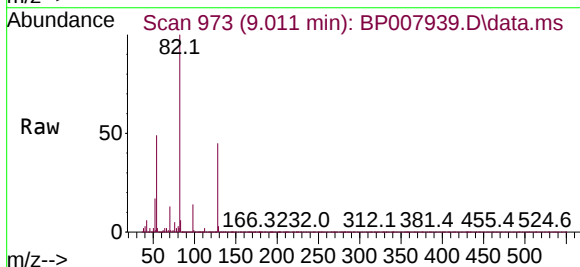
Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-10-20

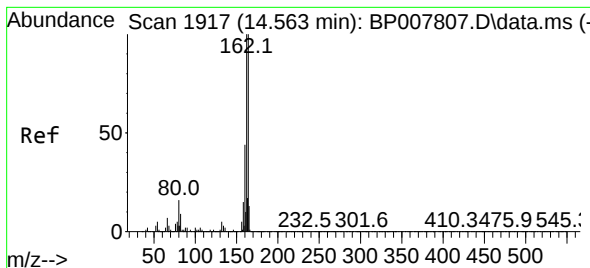
Tgt Ion:	136	Resp:	464839
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.2	6.2	9.4
68	4.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 62.217 ng
RT: 9.011 min Scan# 973
Delta R.T. -0.018 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:	82	Resp:	538392
Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.6	48.8
54	48.7	40.4	60.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.493 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BP007939.D

Acq: 11 Nov 2021 02:10

Instrument :

BNA_P

ClientSampleId :

VVE-B19-110821-10-20

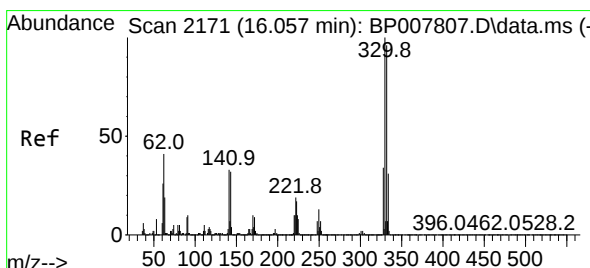
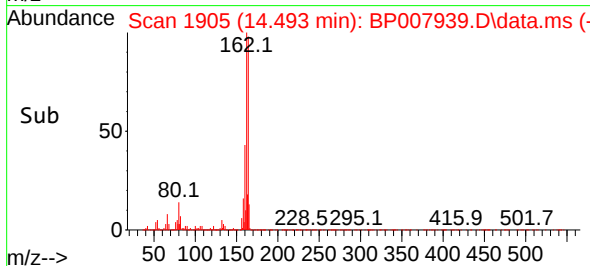
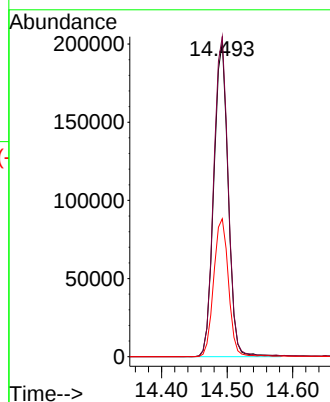
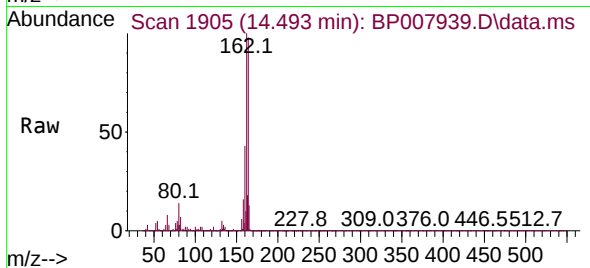
Tgt Ion:164 Resp: 304806

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

160 43.8 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 99.571 ng

RT: 15.987 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BP007939.D

Acq: 11 Nov 2021 02:10

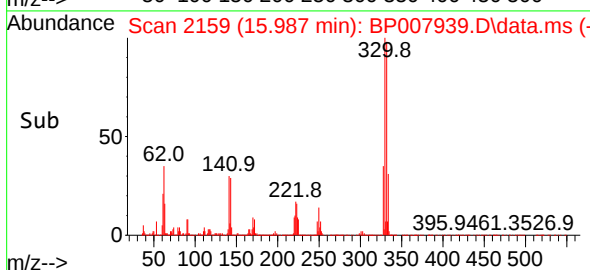
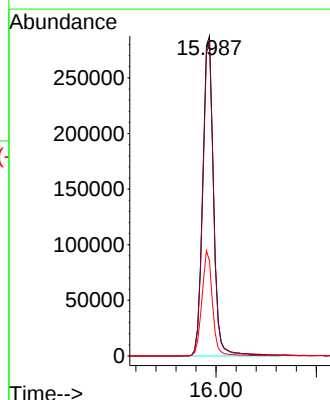
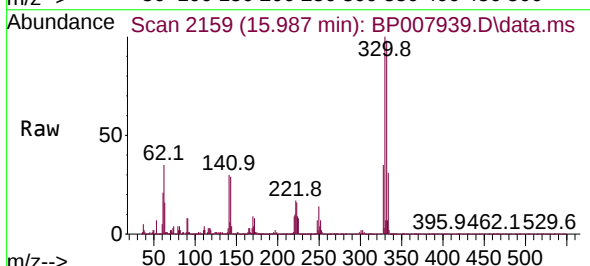
Tgt Ion:330 Resp: 433138

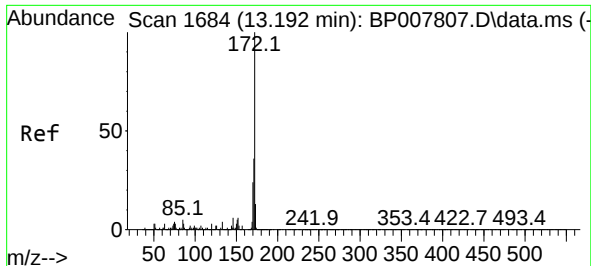
Ion Ratio Lower Upper

330 100

332 97.5 78.9 118.3

141 32.1 30.7 46.1

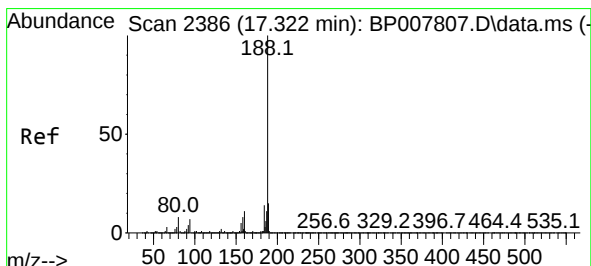
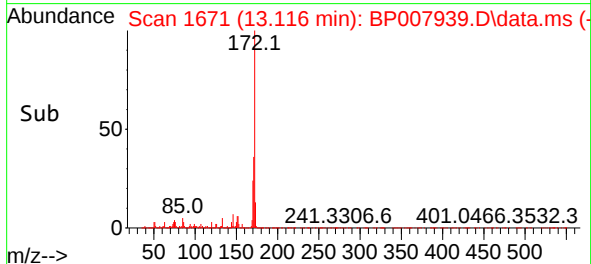
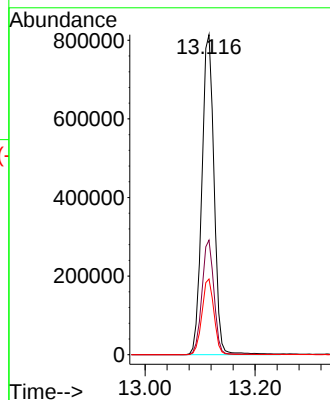
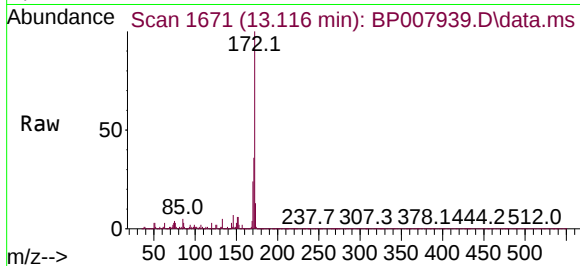




#45
2-Fluorobiphenyl
Concen: 59.957 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

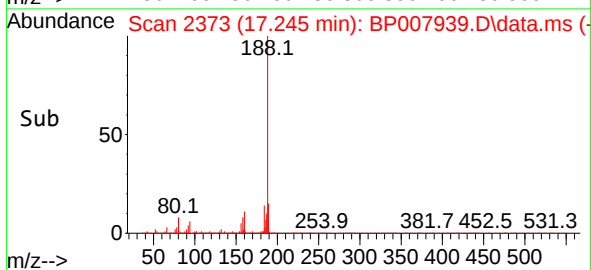
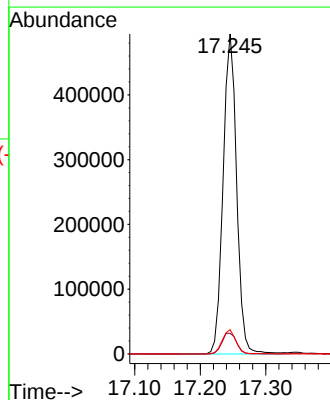
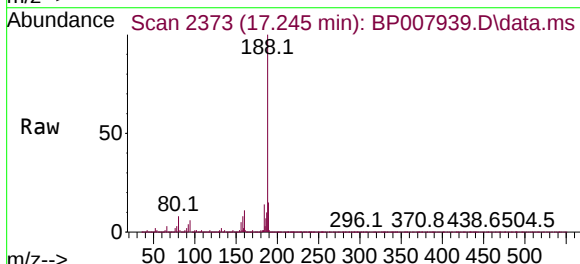
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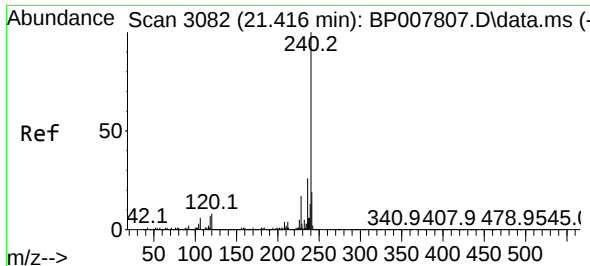
Tgt Ion:172 Resp: 1254931
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.6 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:188 Resp: 703099
Ion Ratio Lower Upper
188 100
94 6.4 7.1 10.7#
80 7.6 7.8 11.6#

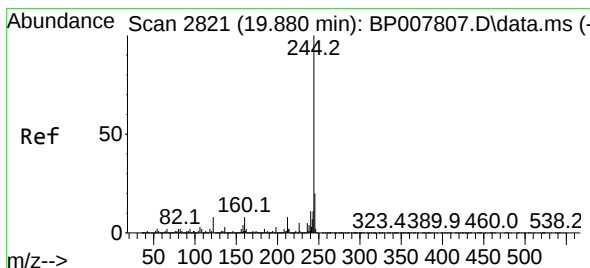
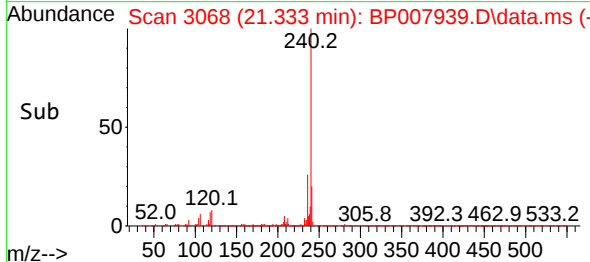
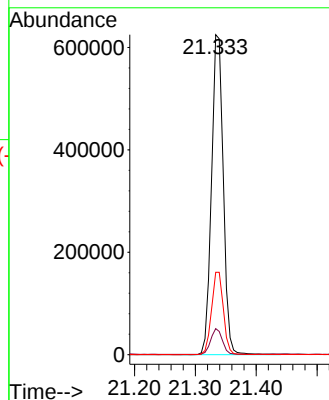
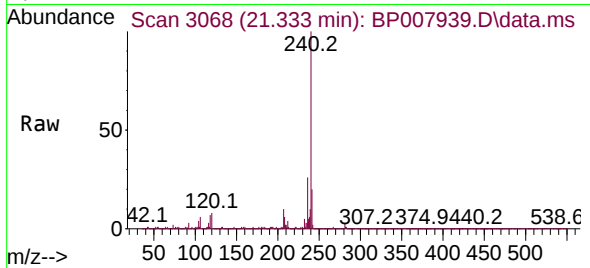




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

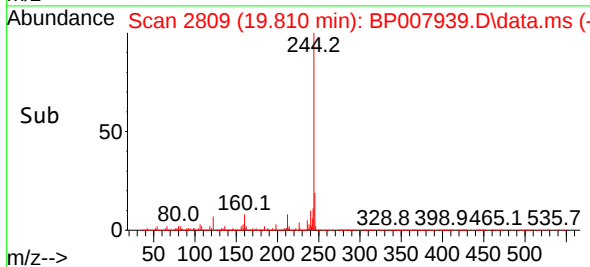
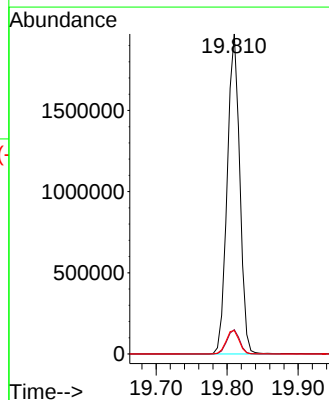
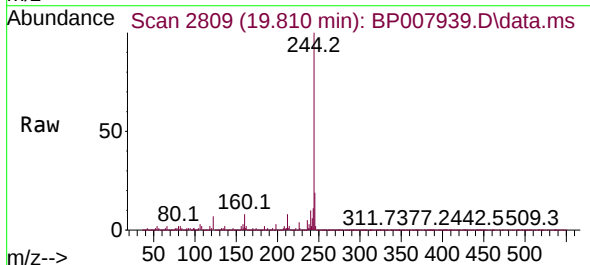
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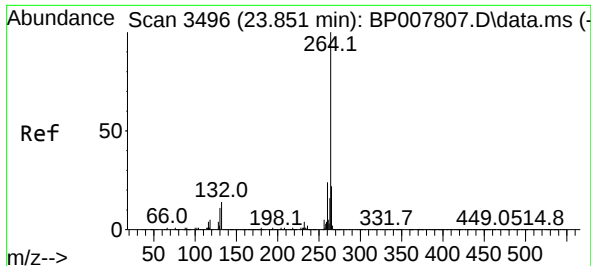
Tgt Ion:240 Resp: 839033
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.8
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 58.317 ng
RT: 19.810 min Scan# 2809
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:244 Resp: 2402897
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.3 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 34
Delta R.T. -0.024 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 955643

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	21.4	16.7	25.1

