

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
 Data File : BP007924.D
 Acq On : 10 Nov 2021 17:42
 Operator : CG/JU
 Sample : M4605-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VWE-B19-110821-30-40

Quant Time: Nov 11 10:14:52 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)

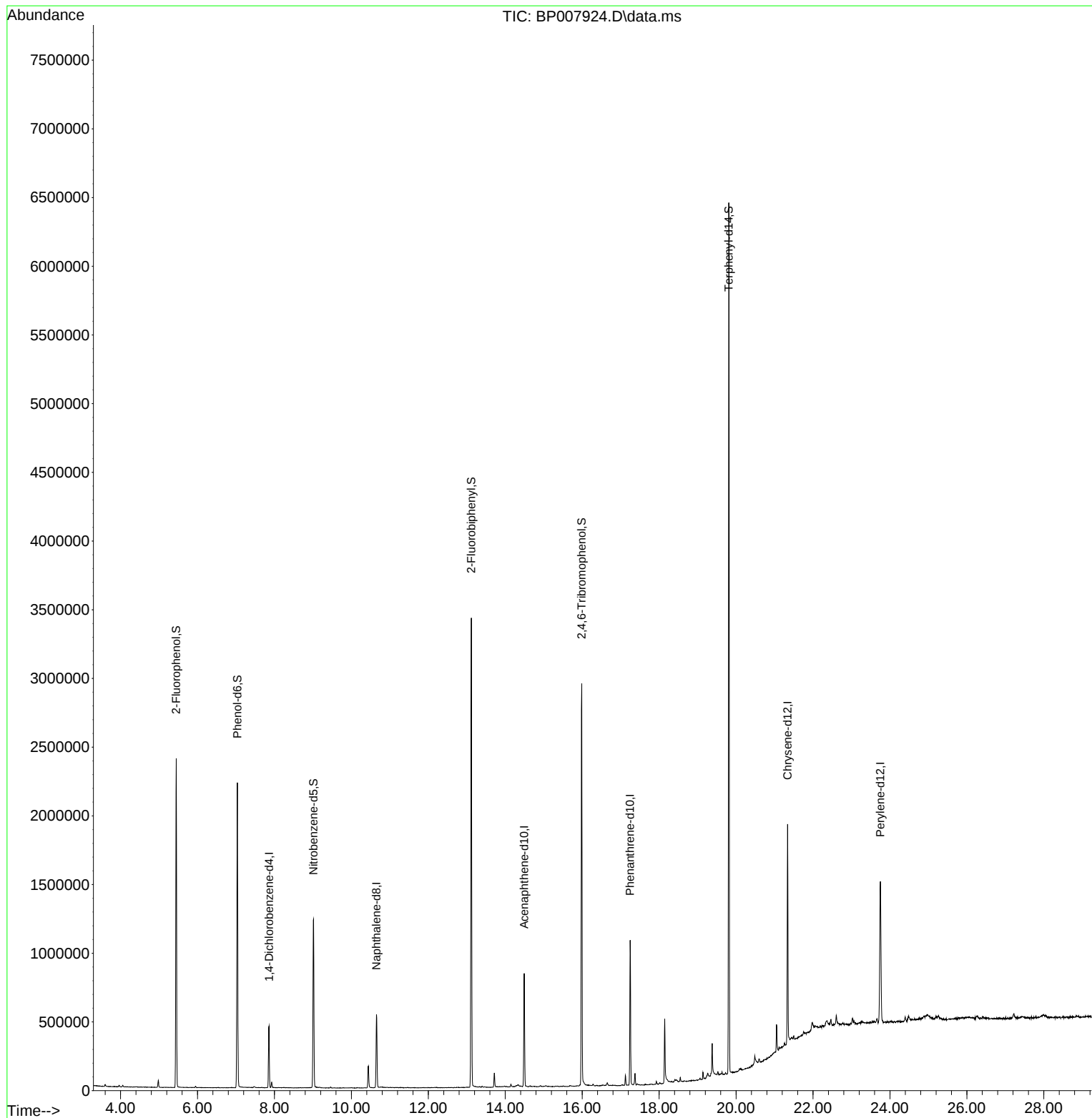
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	127248	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	430700	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	286151	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	635533	20.000	ng	-0.01
76) Chrysene-d12	21.339	240	748638	20.000	ng	#-0.01
86) Perylene-d12	23.751	264	839618	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1010646	134.697	ng	0.00
7) Phenol-d6	7.034	99	1228858	113.155	ng	0.00
23) Nitrobenzene-d5	9.016	82	714780	89.148	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	594834	145.657	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1704716	86.756	ng	-0.01
79) Terphenyl-d14	19.810	244	3044346	82.806	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.334	88	187	Below Cal	Qvalue #	1

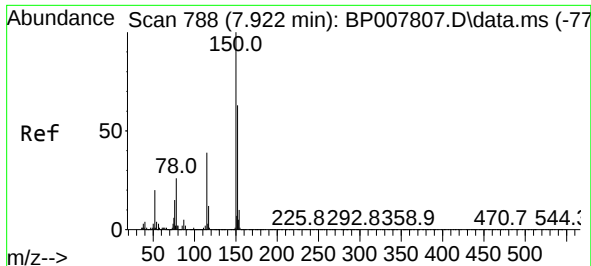
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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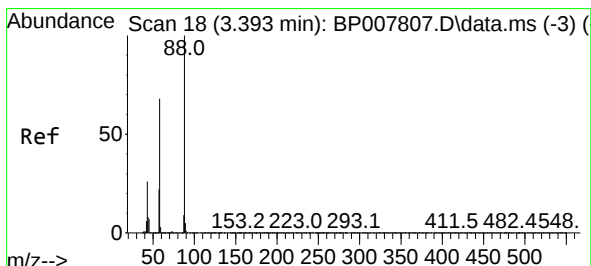
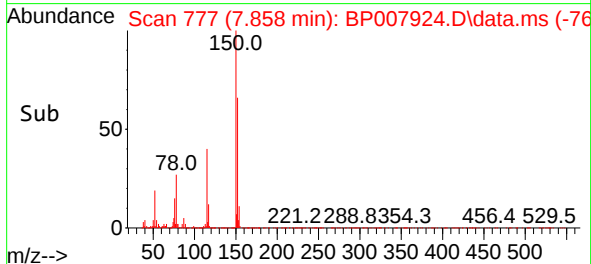
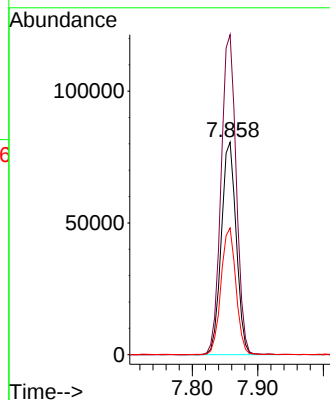
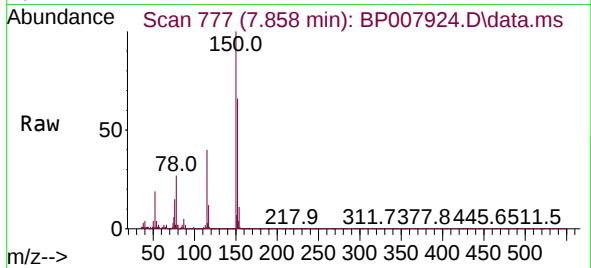




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

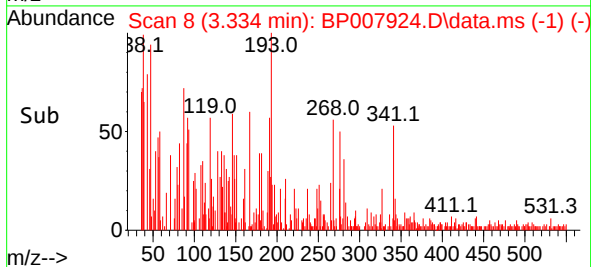
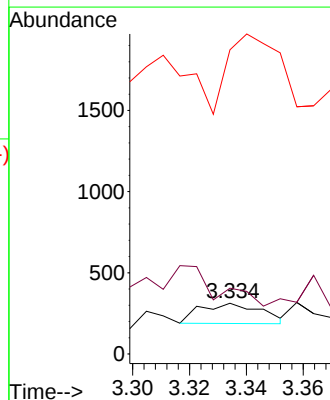
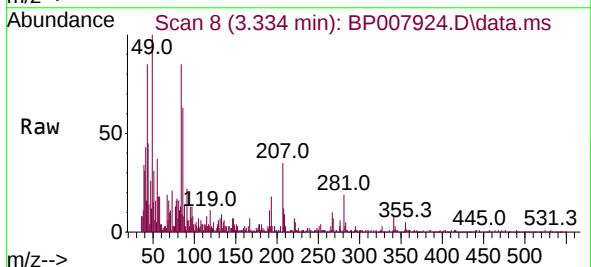
Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-30-40

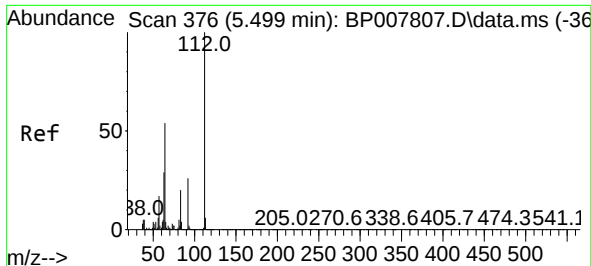
Tgt Ion:152 Resp: 127248
Ion Ratio Lower Upper
152 100
150 150.6 124.1 186.1
115 59.7 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.334 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

Tgt Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
58 0.0 58.1 87.1#
43 331.0 22.2 33.4#

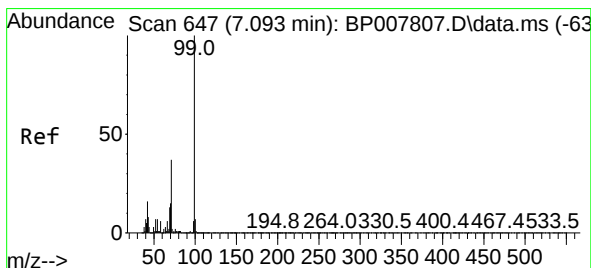
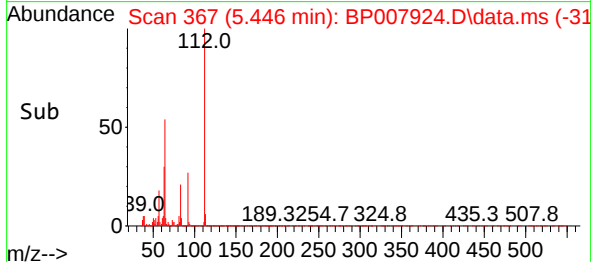
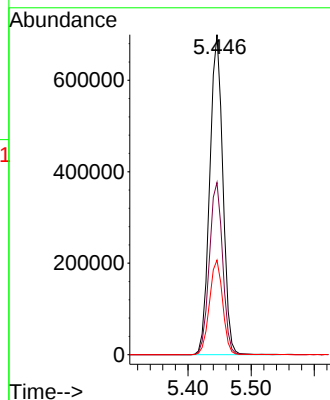
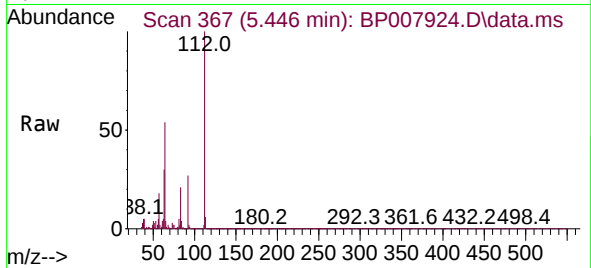




#5
2-Fluorophenol
Concen: 134.697 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

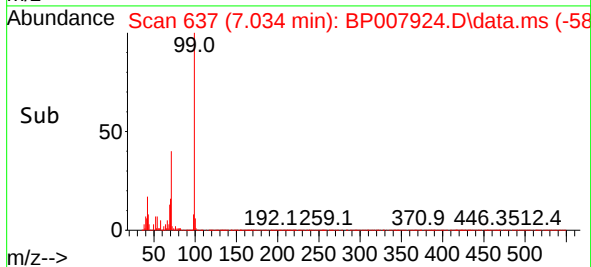
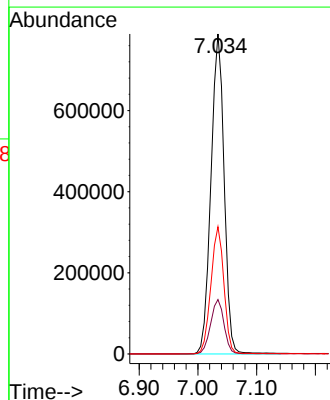
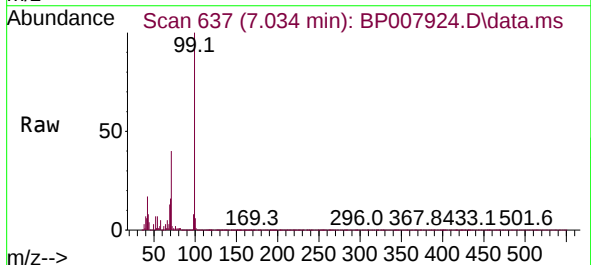
Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-30-40

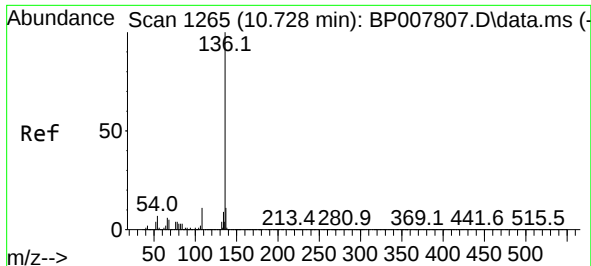
Tgt Ion:112 Resp: 1010646
Ion Ratio Lower Upper
112 100
64 53.8 46.6 70.0
63 29.6 25.0 37.6



#7
Phenol-d6
Concen: 113.155 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

Tgt Ion: 99 Resp: 1228858
Ion Ratio Lower Upper
99 100
42 17.0 14.9 22.3
71 39.8 29.2 43.8

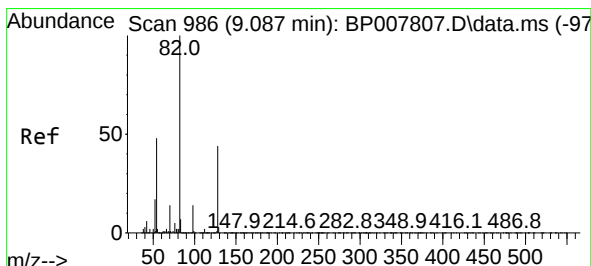
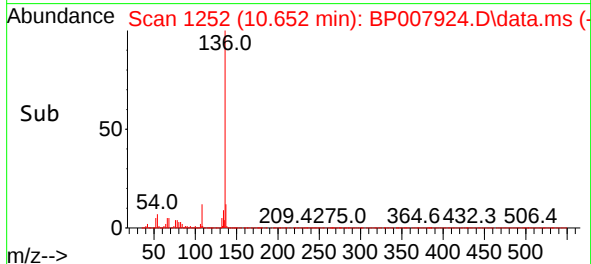
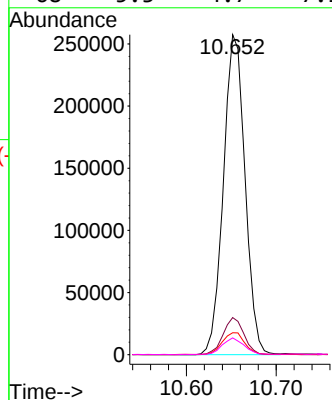
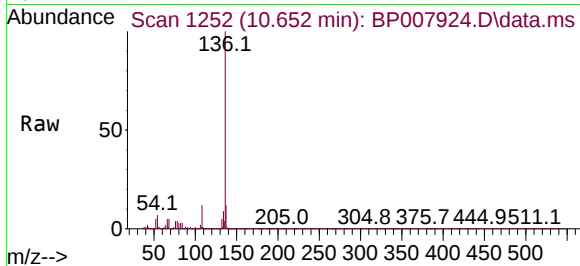




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

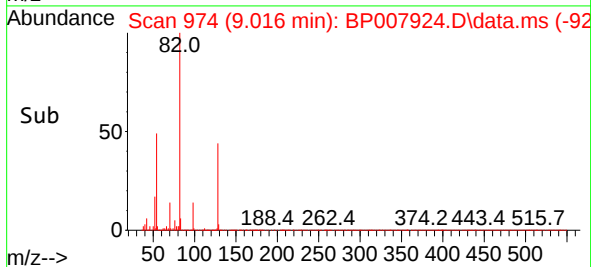
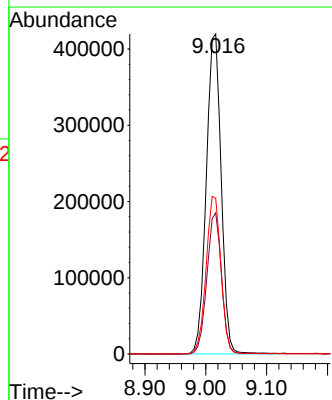
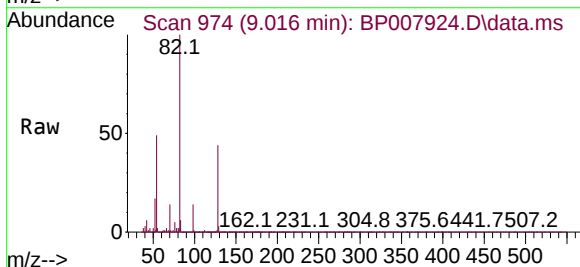
Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-30-40

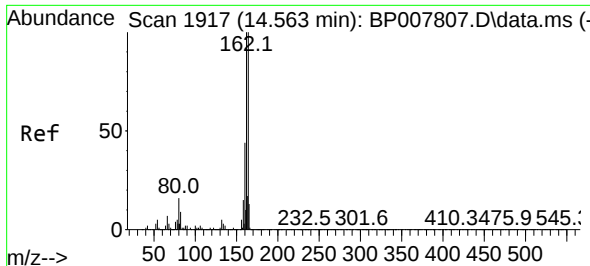
Tgt Ion:	136	Resp:	430700
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	6.9	6.2	9.4
68	5.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 89.148 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

Tgt Ion:	82	Resp:	714780
Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.6	48.8
54	48.7	40.4	60.6

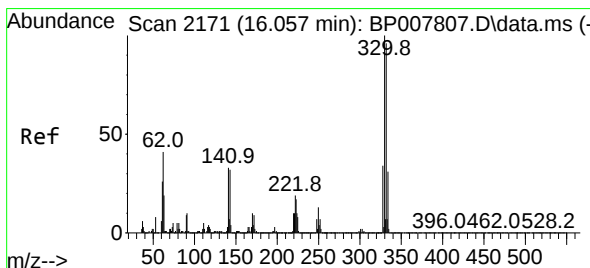
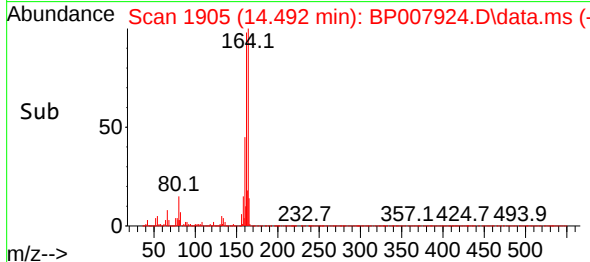
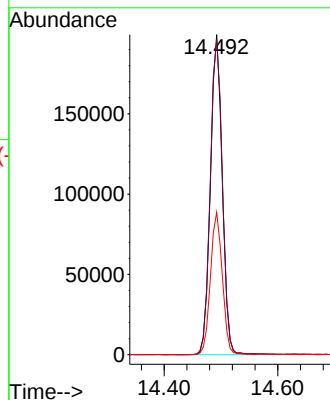
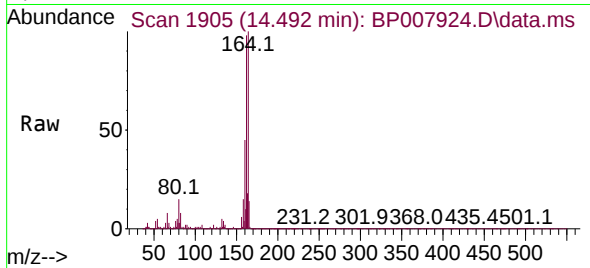




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

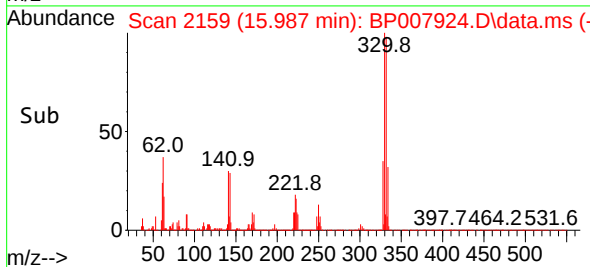
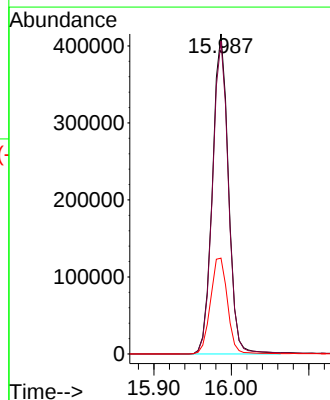
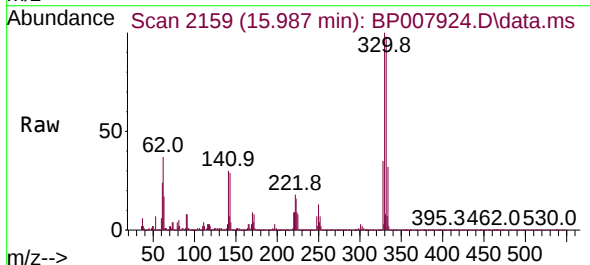
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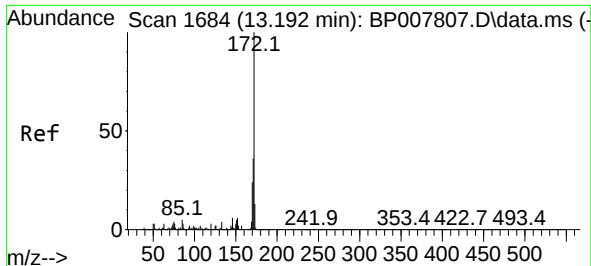
Tgt Ion:164 Resp: 286151
Ion Ratio Lower Upper
164 100
162 98.5 81.1 121.7
160 44.5 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 145.657 ng
RT: 15.987 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

Tgt Ion:330 Resp: 594834
Ion Ratio Lower Upper
330 100
332 98.1 78.9 118.3
141 31.9 30.7 46.1

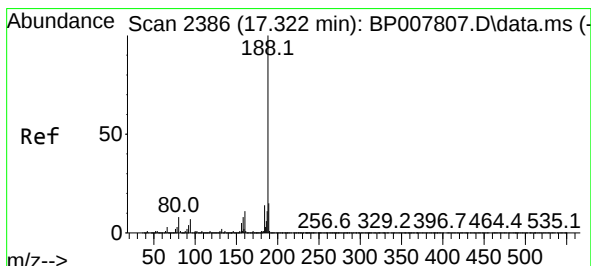
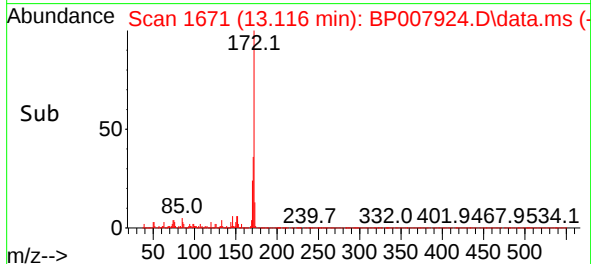
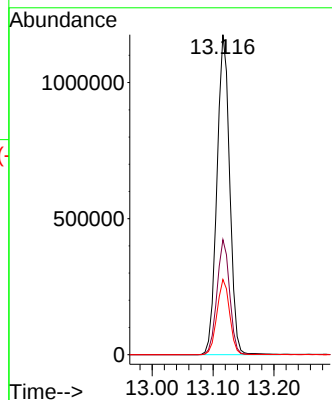
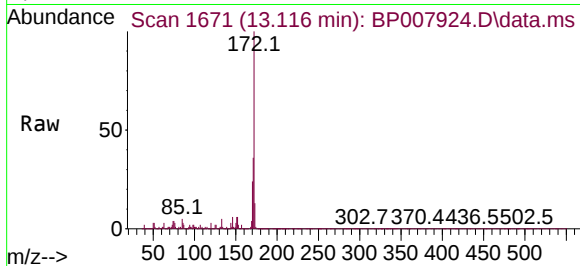




#45
2-Fluorobiphenyl
Concen: 86.756 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

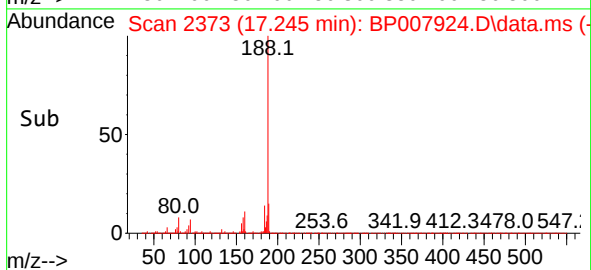
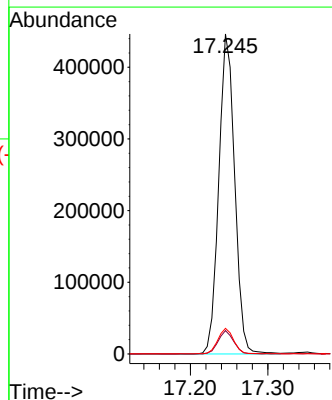
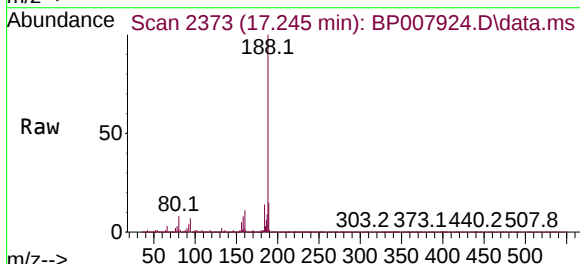
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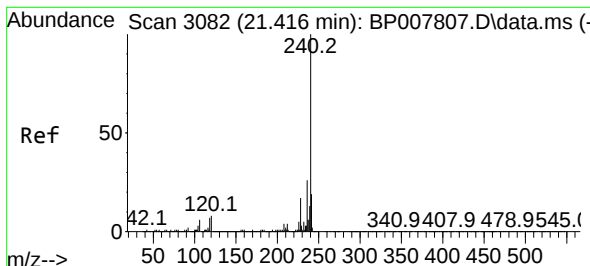
Tgt Ion:172 Resp: 1704716
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.5 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP007924.D
Acq: 10 Nov 2021 17:42

Tgt Ion:188 Resp: 635533
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.0 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP007924.D

Acq: 10 Nov 2021 17:42

Instrument :

BNA_P

ClientSampleId :

VWE-B19-110821-30-40

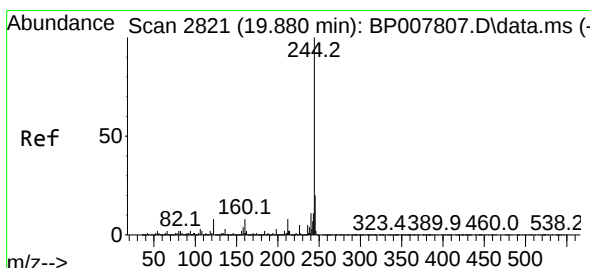
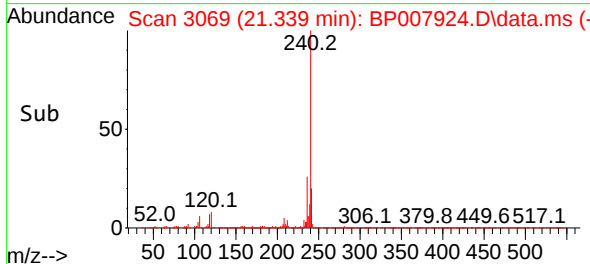
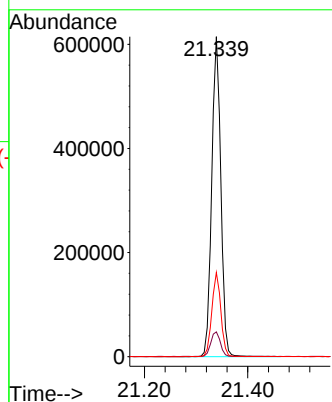
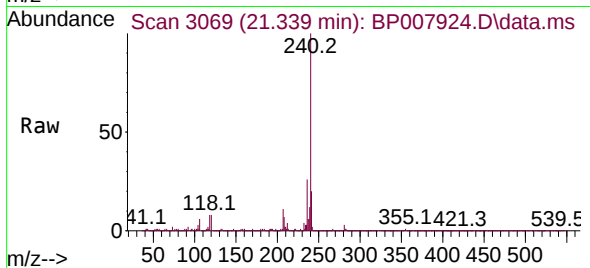
Tgt Ion:240 Resp: 748638

Ion Ratio Lower Upper

240 100

120 7.7 7.8 11.8#

236 26.3 20.6 30.8



#79

Terphenyl-d14

Concen: 82.806 ng

RT: 19.810 min Scan# 2809

Delta R.T. -0.012 min

Lab File: BP007924.D

Acq: 10 Nov 2021 17:42

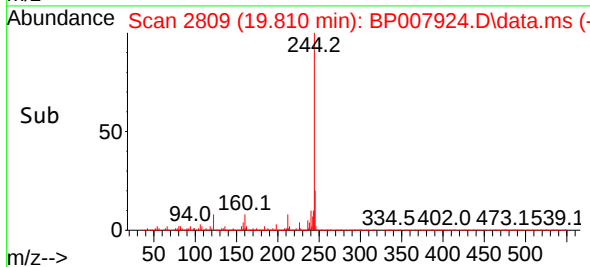
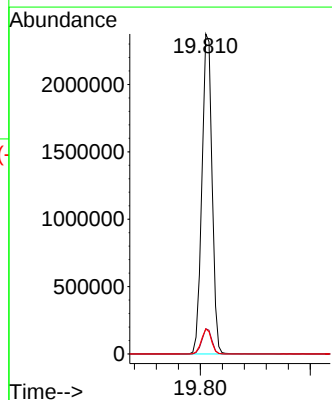
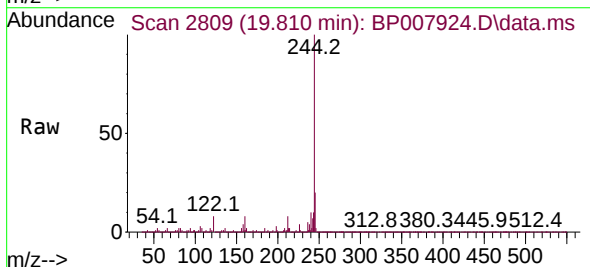
Tgt Ion:244 Resp: 3044346

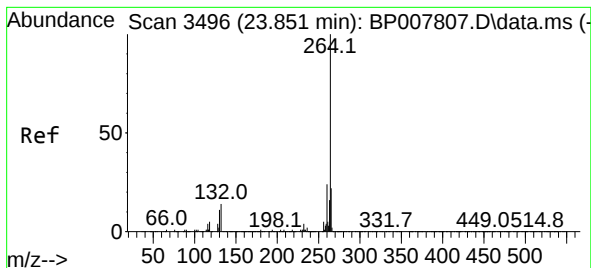
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 7.8 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 34

Delta R.T. -0.018 min

Lab File: BP007924.D

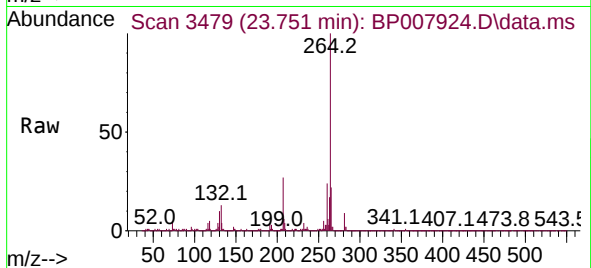
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Tgt Ion:264 Resp: 839618

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.5 16.7 25.1

