

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021578.D
 Acq On : 20 Aug 2024 18:51
 Operator : RC/JU
 Sample : P3643-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 921-J-SD-0.5-1.0-081524

Quant Time: Aug 21 00:25:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	329707	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1306124	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	889174	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2054570	20.000	ng	0.02
76) Chrysene-d12	21.733	240	2009910	20.000	ng	0.04
86) Perylene-d12	25.168	264	2245132	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2017868	90.876	ng	0.00
7) Phenol-d6	6.969	99	2803266	86.544	ng	0.00
23) Nitrobenzene-d5	8.951	82	1629545	64.396	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1078547	108.987	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2849907	48.915	ng	0.00
79) Terphenyl-d14	19.998	244	5512052	53.278	ng	0.02

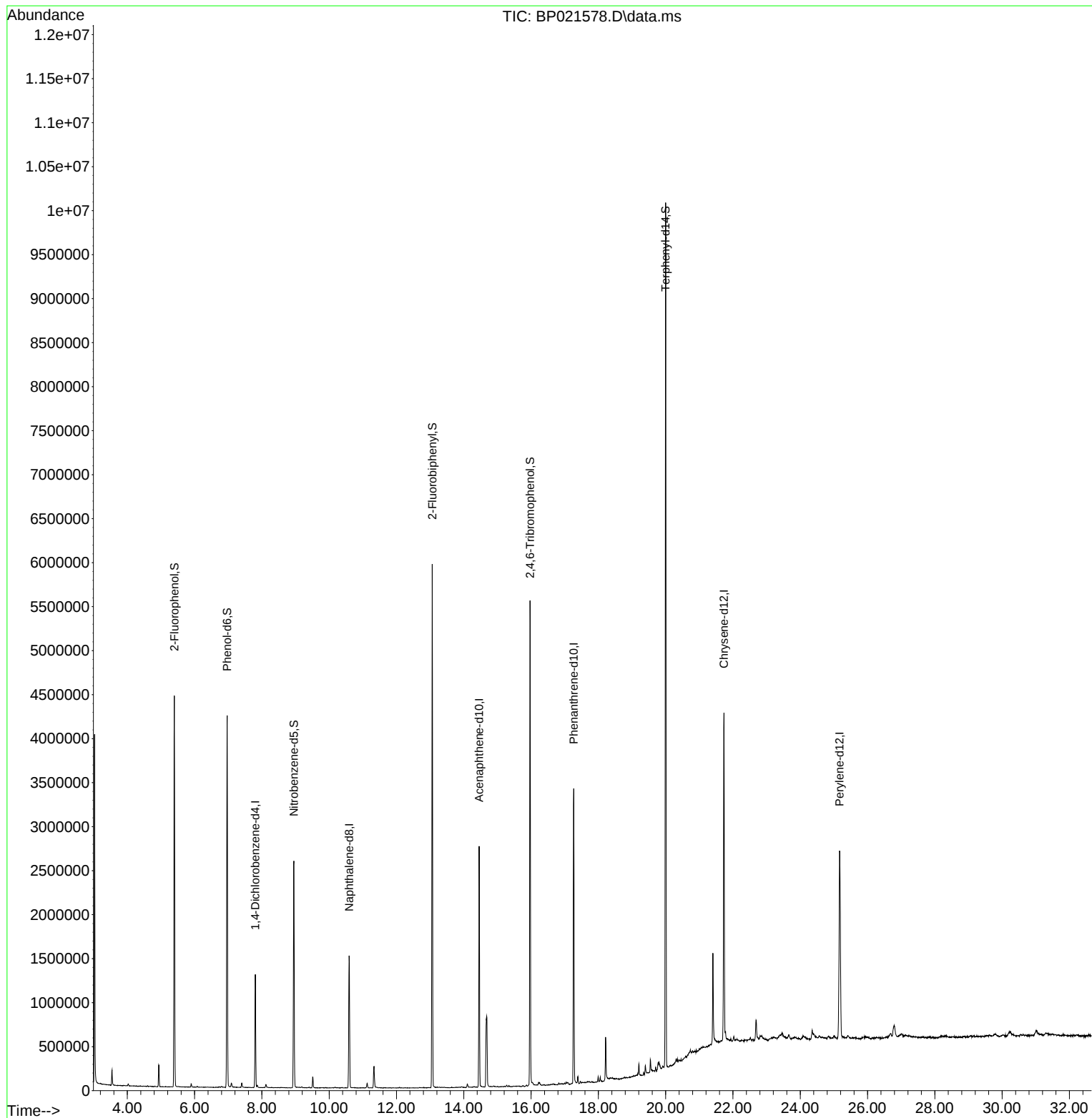
Target Compounds	Qvalue

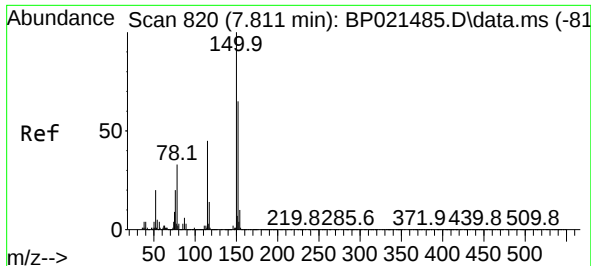
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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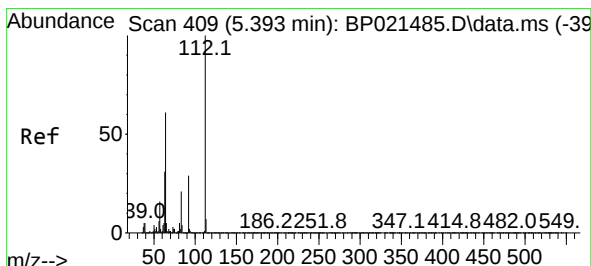
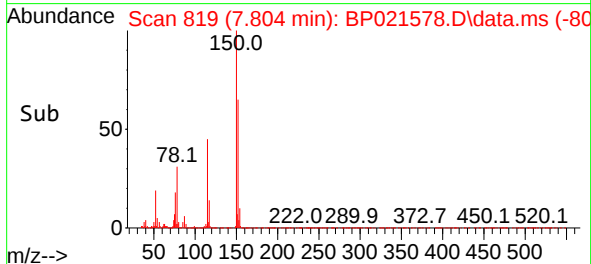
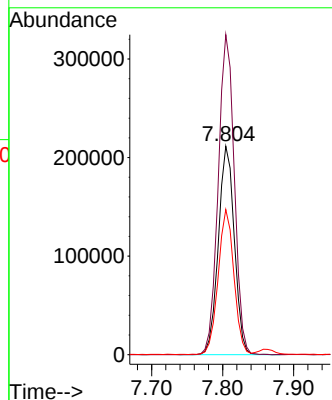
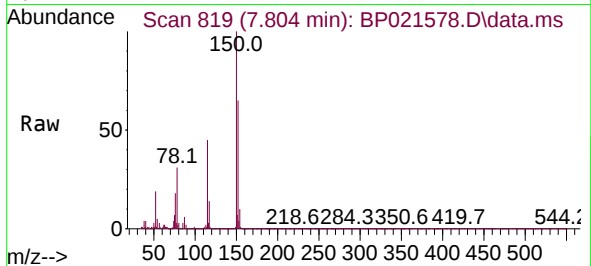




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

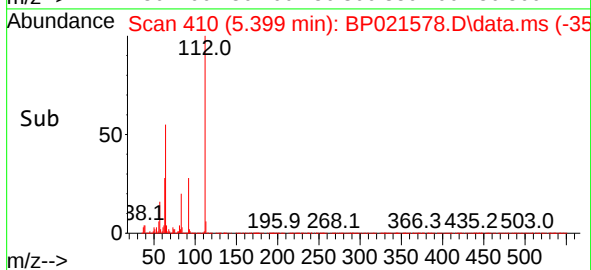
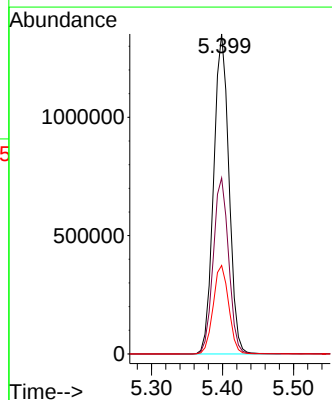
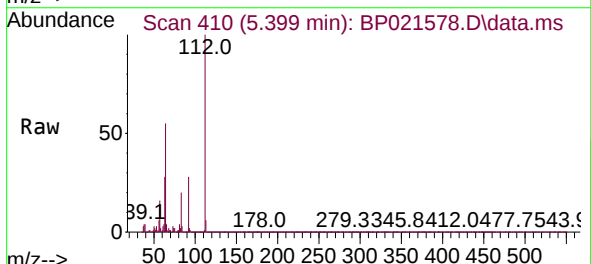
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524

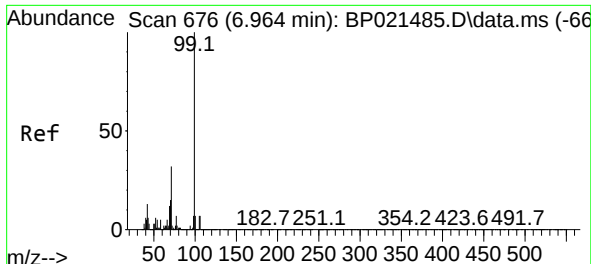
Tgt Ion:152 Resp: 329707
Ion Ratio Lower Upper
152 100
150 153.5 122.4 183.6
115 69.6 54.7 82.1



#5
2-Fluorophenol
Concen: 90.876 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:112 Resp: 2017868
Ion Ratio Lower Upper
112 100
64 55.0 49.0 73.6
63 27.7 24.6 36.8

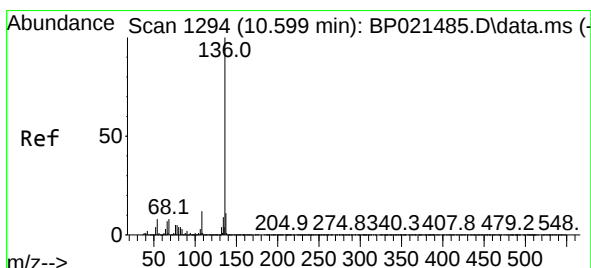
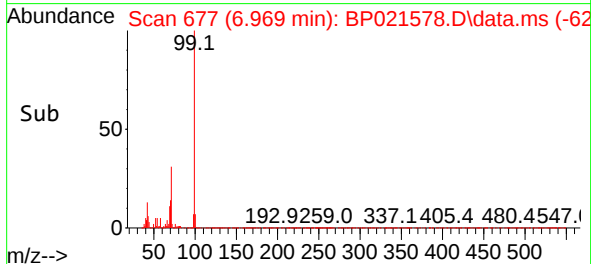
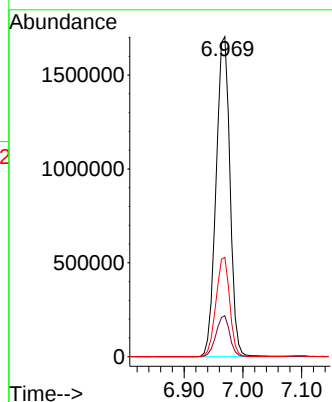
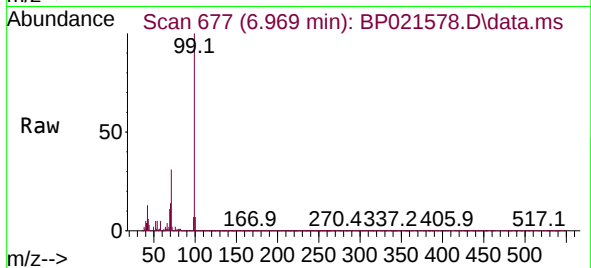




#7
Phenol-d6
Concen: 86.544 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

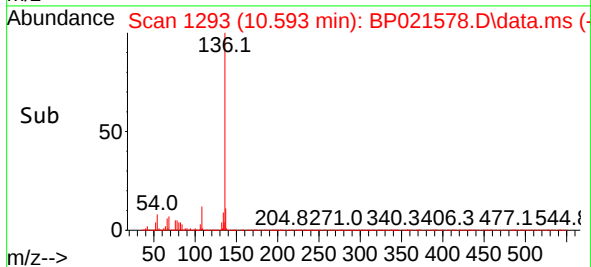
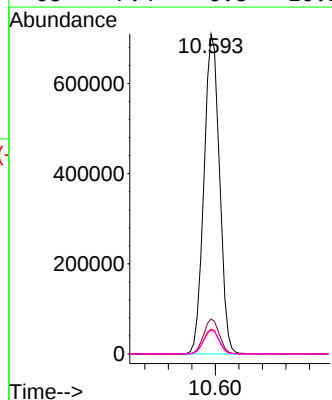
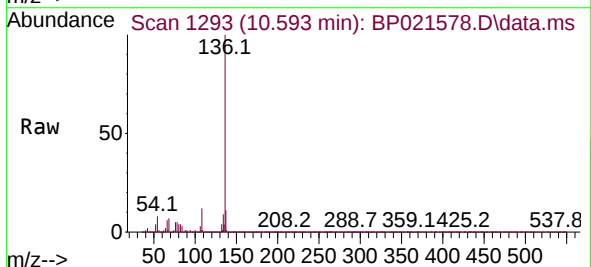
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524

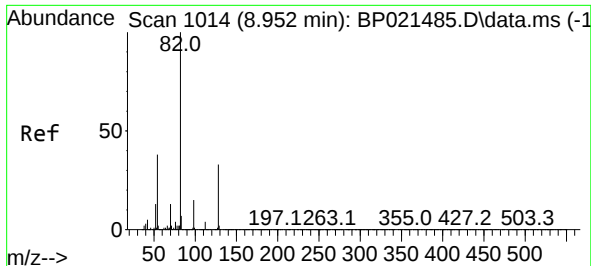
Tgt Ion: 99 Resp: 2803266
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 31.0 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:136 Resp: 1306124
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.3 9.5
68 7.4 6.8 10.2

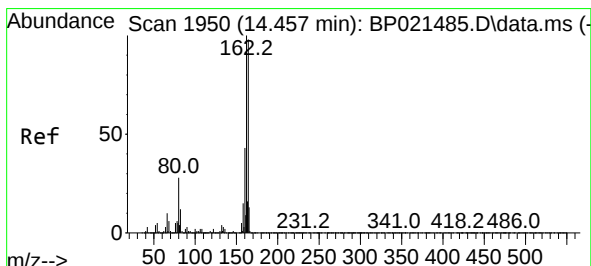
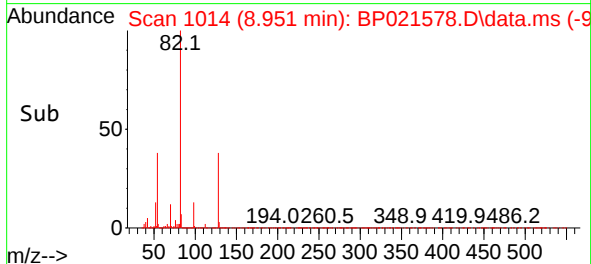
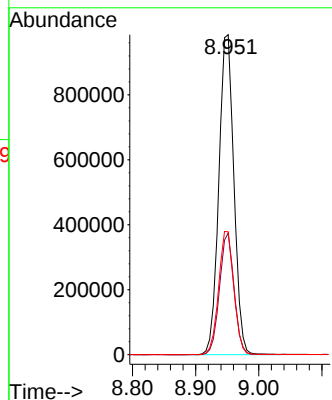
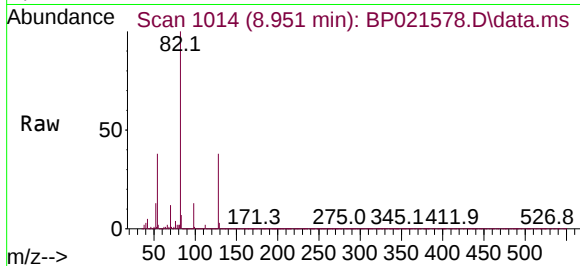




#23
Nitrobenzene-d5
Concen: 64.396 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

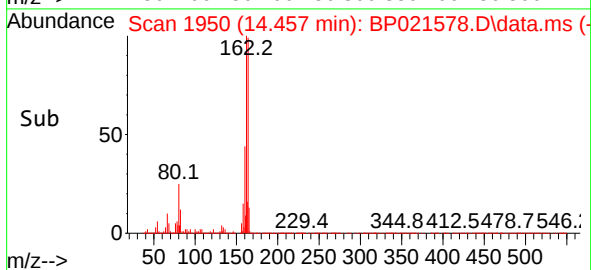
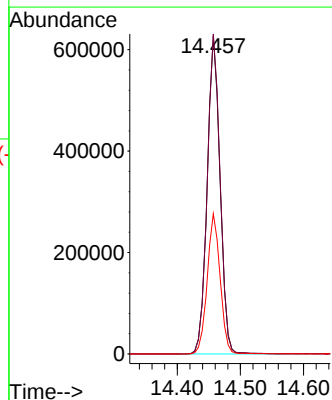
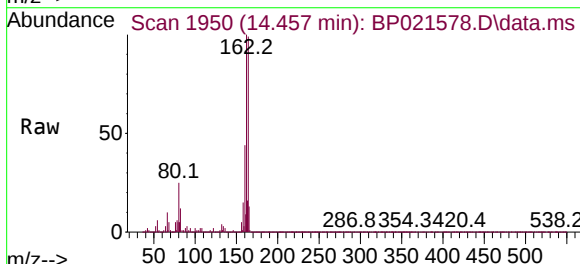
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524

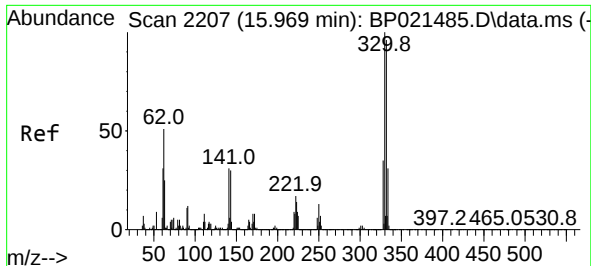
Tgt Ion: 82 Resp: 1629545
Ion Ratio Lower Upper
82 100
128 38.0 26.5 39.7
54 38.4 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:164 Resp: 889174
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 44.1 35.2 52.8

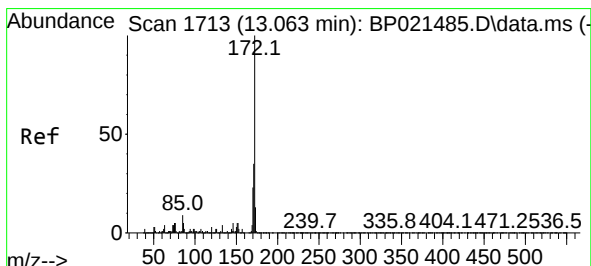
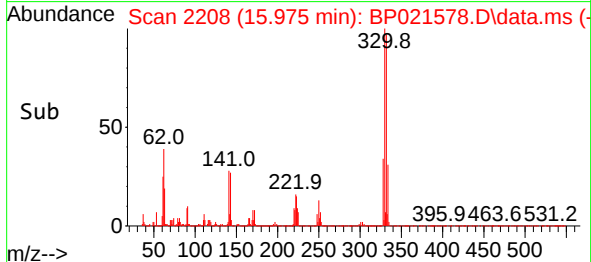
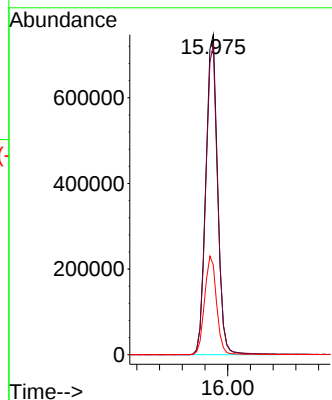
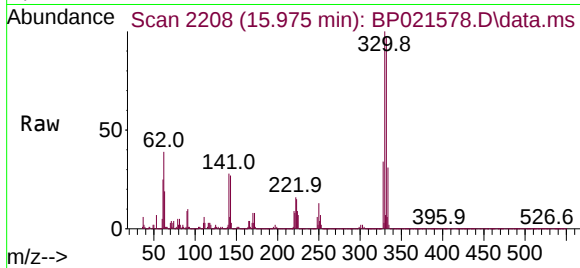




#42
2,4,6-Tribromophenol
Concen: 108.987 ng
RT: 15.975 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

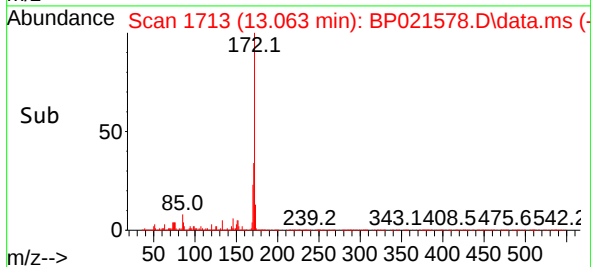
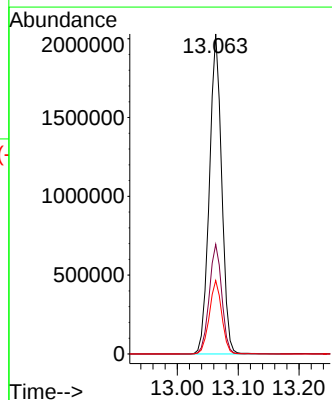
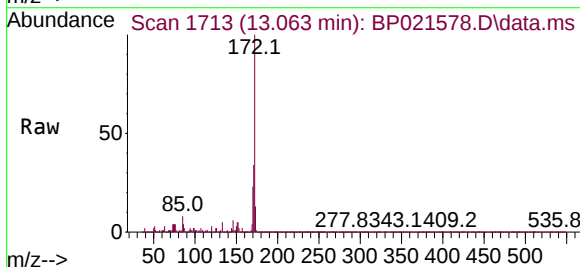
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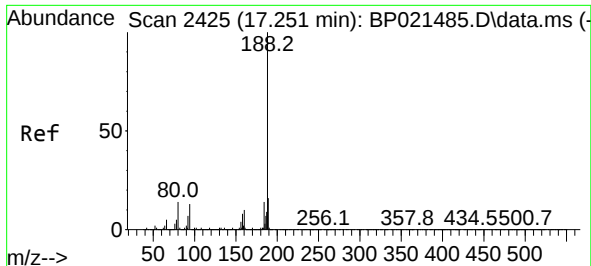
Tgt Ion:330 Resp: 1078547
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 31.2 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 48.915 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:172 Resp: 2849907
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.4
170 23.0 18.4 27.6

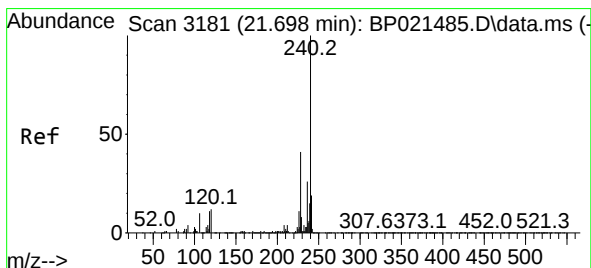
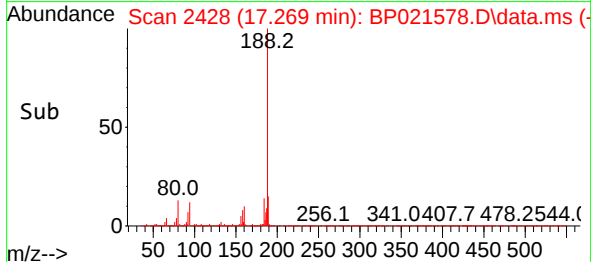
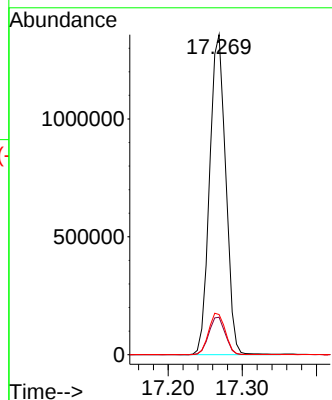
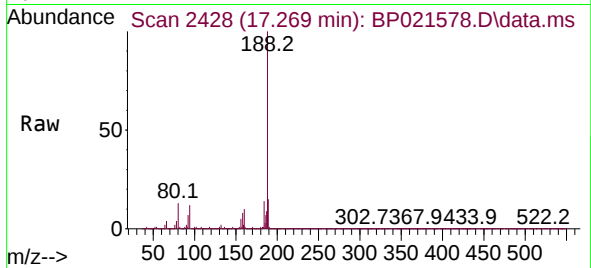




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2425
Delta R.T. 0.017 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

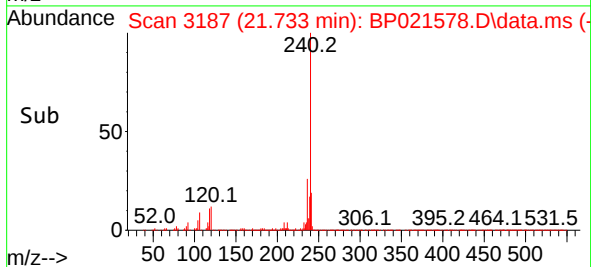
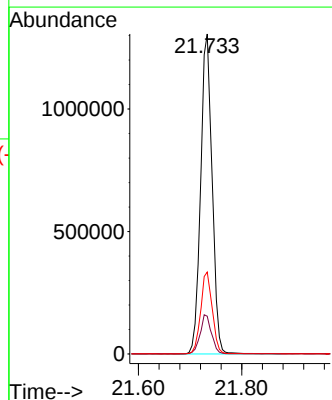
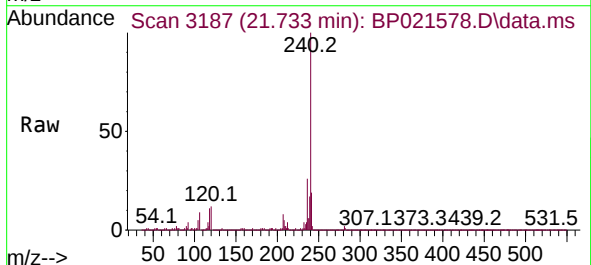
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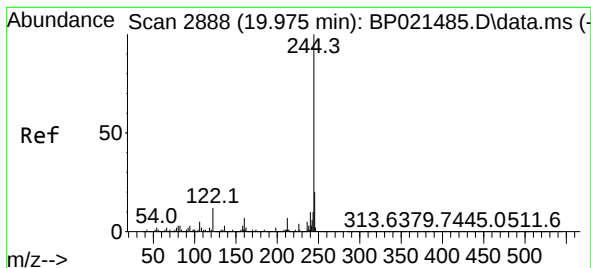
Tgt Ion:188 Resp: 2054570
Ion Ratio Lower Upper
188 100
94 11.7 10.2 15.4
80 12.6 11.6 17.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:240 Resp: 2009910
Ion Ratio Lower Upper
240 100
120 11.8 9.9 14.9
236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 53.278 ng

RT: 19.998 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524

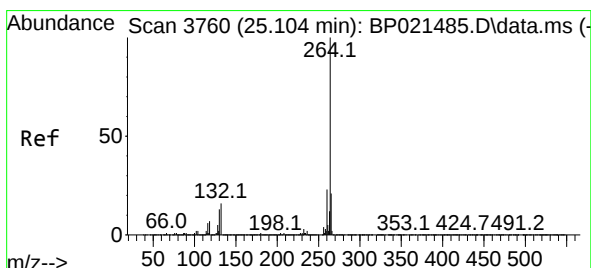
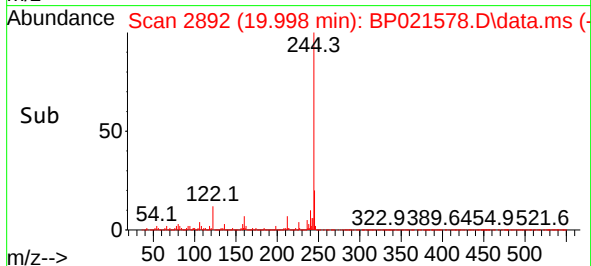
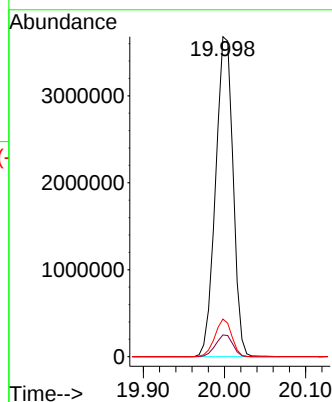
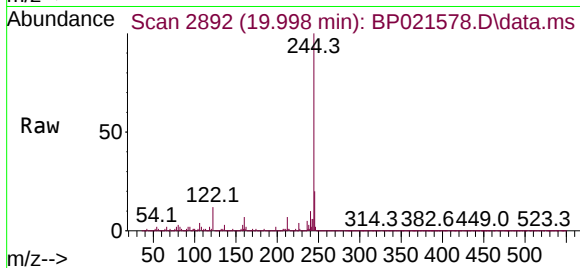
Tgt Ion:244 Resp: 5512052

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.7 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

Tgt Ion:264 Resp: 2245132

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.4 17.1 25.7

