

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
 Data File : BP011587.D
 Acq On : 26 Aug 2022 19:48
 Operator : CG/JU
 Sample : N4355-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-31

Quant Time: Aug 27 01:18:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 27 00:36:07 2022
 Response via : Initial Calibration

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

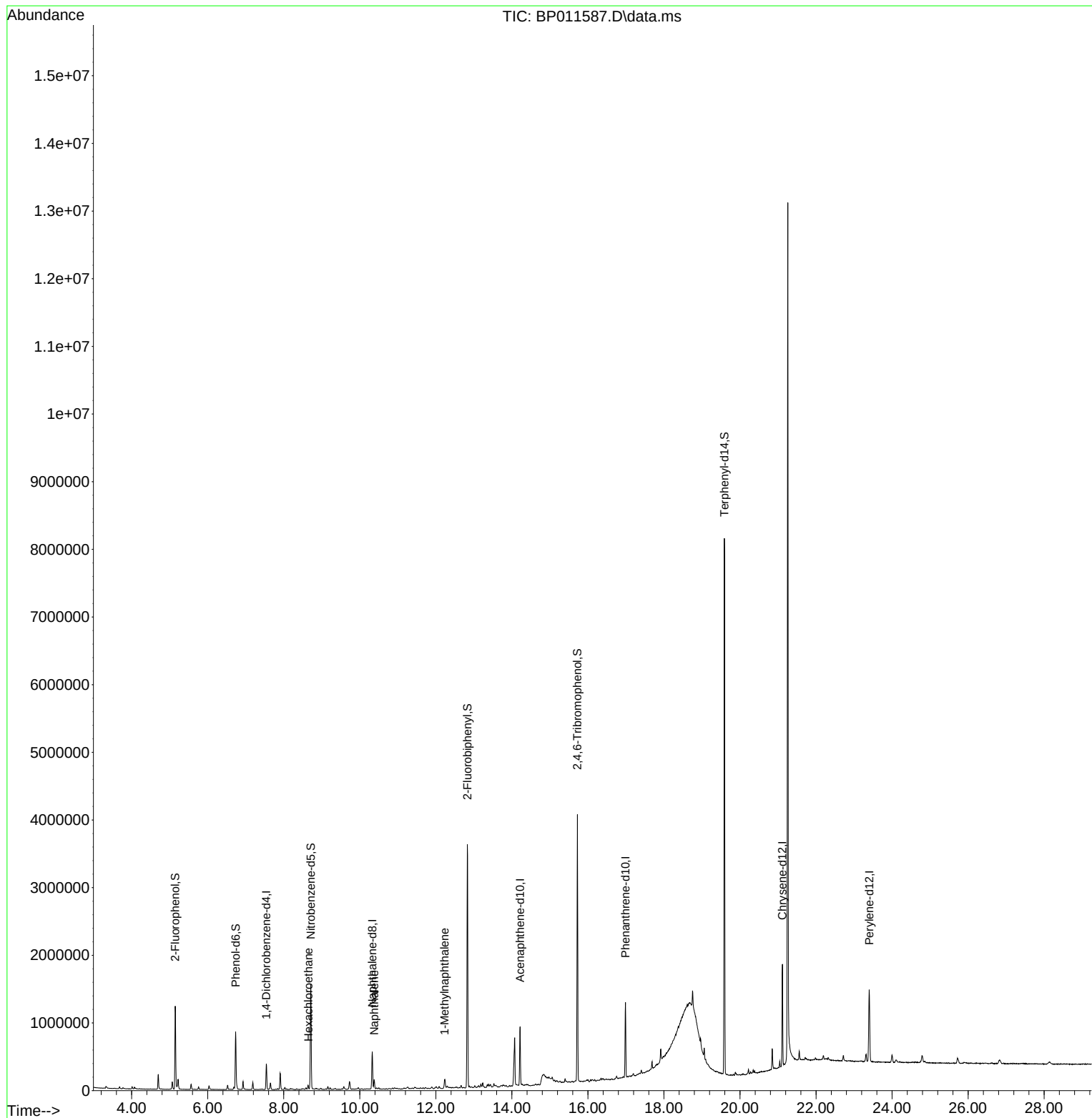
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	87875	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	401583	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	260648	20.000	ng	0.00
64) Phenanthrene-d10	16.986	188	581959	20.000	ng	0.00
76) Chrysene-d12	21.116	240	643155	20.000	ng	0.00
86) Perylene-d12	23.398	264	722500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	467354	87.219	ng	0.00
7) Phenol-d6	6.734	99	421437	58.958	ng	0.00
23) Nitrobenzene-d5	8.710	82	782243	91.075	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	598280	179.213	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	1631578	94.150	ng	0.00
79) Terphenyl-d14	19.592	244	3315998	100.082	ng	0.00
Target Compounds						
18) Hexachloroethane	8.646	117	9045	3.277	ng	Qvalue
31) Naphthalene	10.381	128	90937	4.103	ng	# 1
38) 1-Methylnaphthalene	12.228	142	40586	2.671	ng	# 98

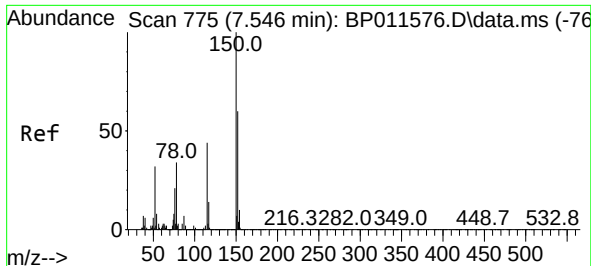
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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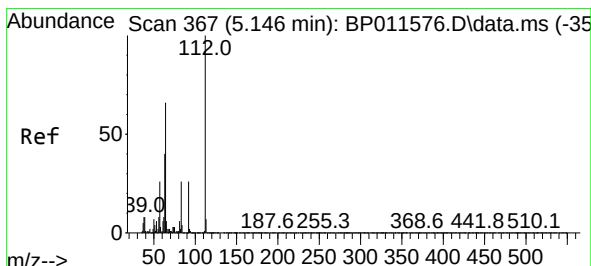
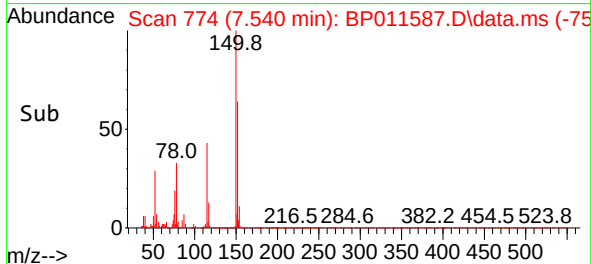
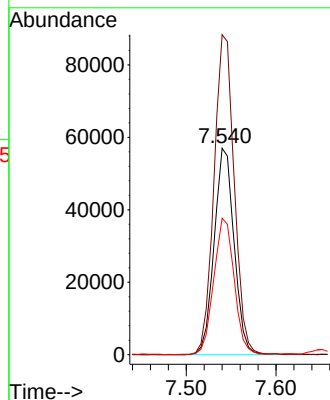
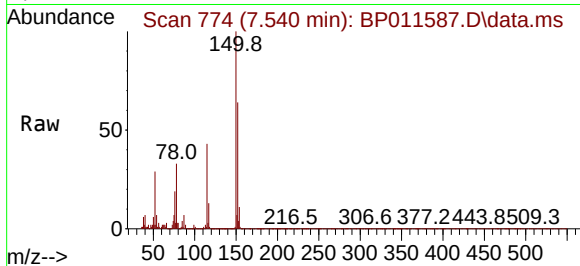




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

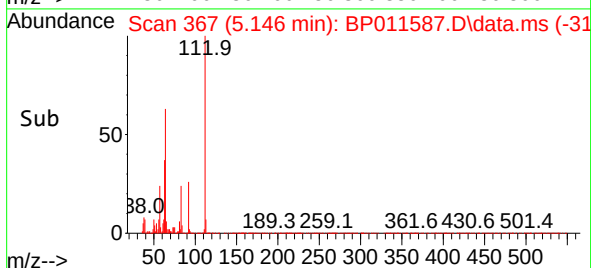
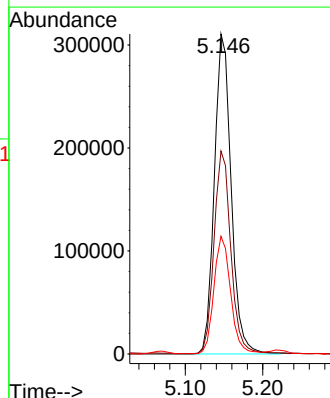
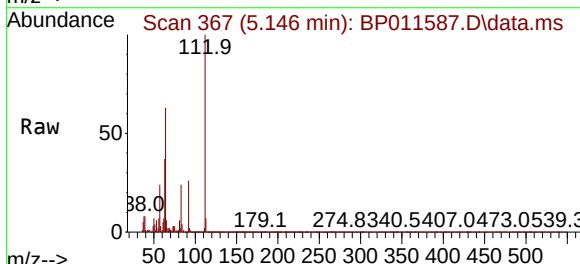
Instrument :
BNA_P
ClientSampleId :
MW-31

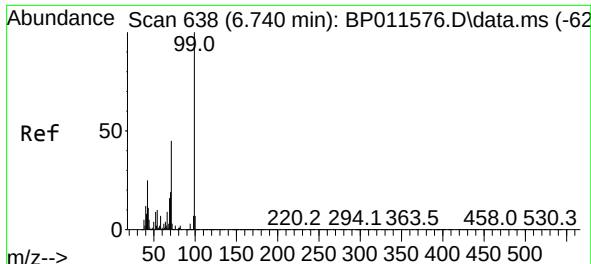
Tgt Ion:152 Resp: 87875
Ion Ratio Lower Upper
152 100
150 155.1 123.4 185.2
115 66.2 51.3 76.9



#5
2-Fluorophenol
Concen: 87.219 ng
RT: 5.146 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

Tgt Ion:112 Resp: 467354
Ion Ratio Lower Upper
112 100
64 63.4 56.9 85.3
63 36.8 31.2 46.8

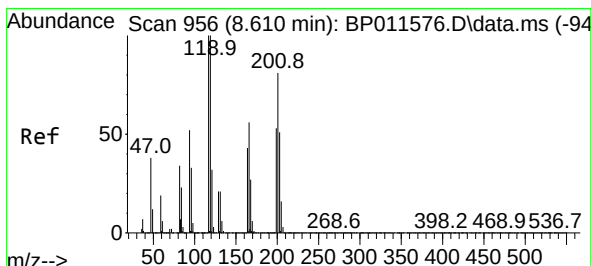
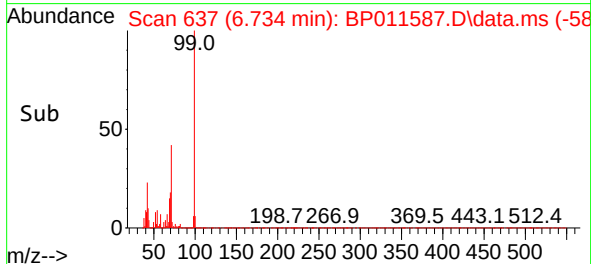
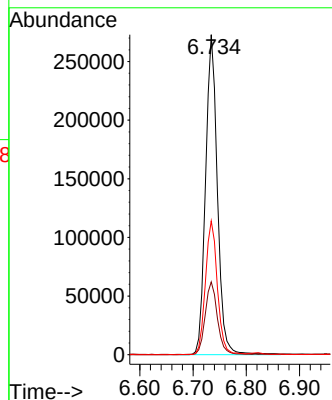
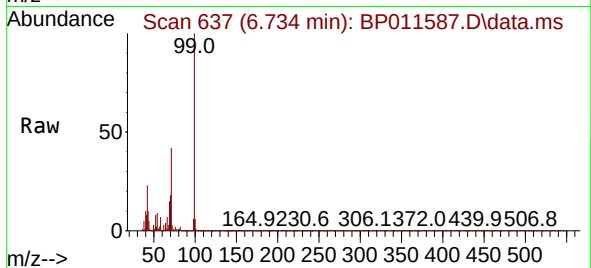




#7
Phenol-d6
Concen: 58.958 ng
RT: 6.734 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

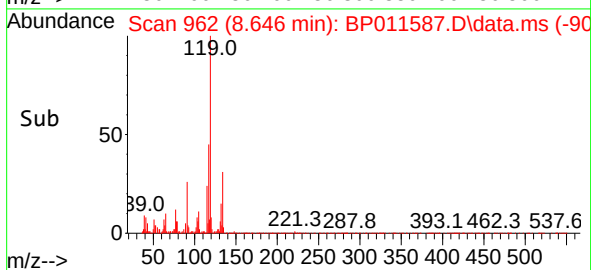
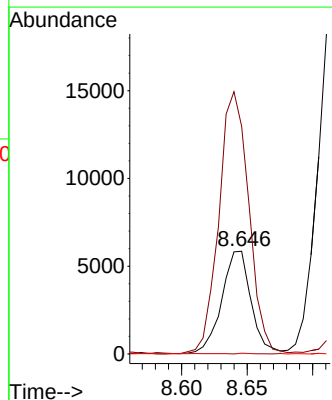
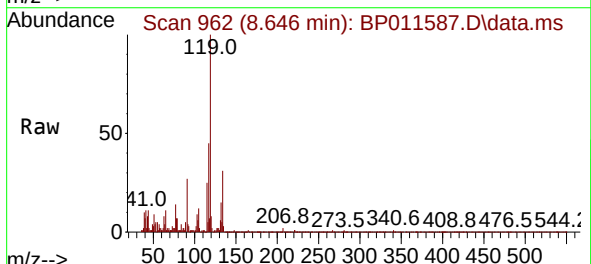
Instrument :
BNA_P
ClientSampleId :
MW-31

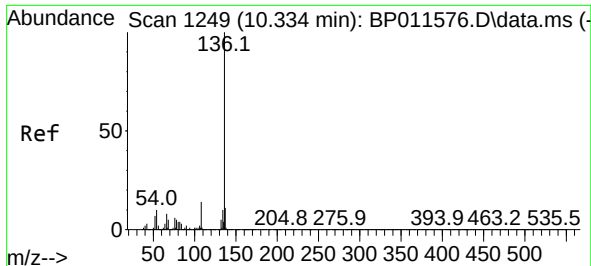
Tgt Ion: 99 Resp: 421437
Ion Ratio Lower Upper
99 100
42 22.7 20.3 30.5
71 41.8 33.9 50.9



#18
Hexachloroethane
Concen: 3.277 ng
RT: 8.646 min Scan# 962
Delta R.T. 0.035 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

Tgt Ion: 117 Resp: 9045
Ion Ratio Lower Upper
117 100
119 221.8 75.6 113.4#
201 0.7 80.9 121.3#

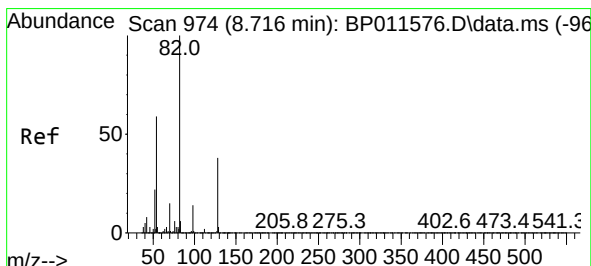
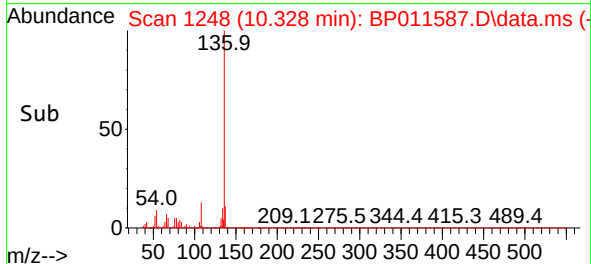
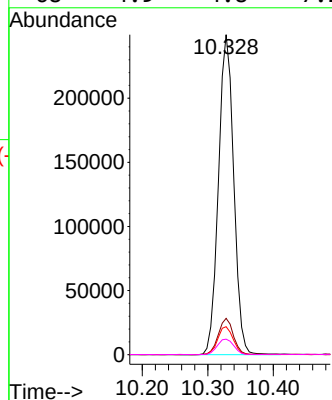
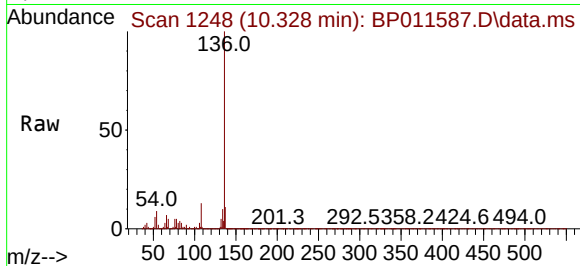




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

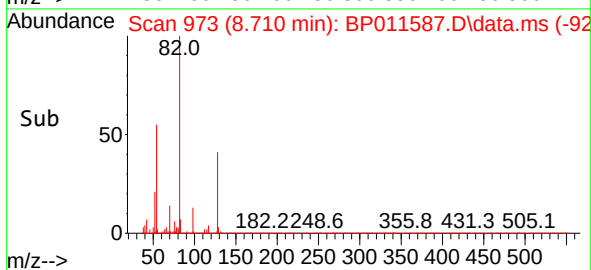
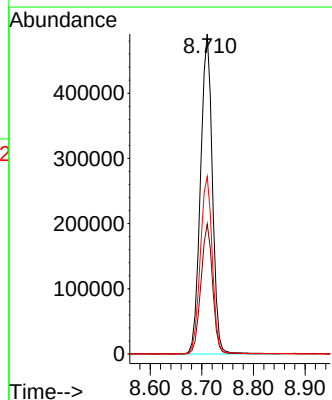
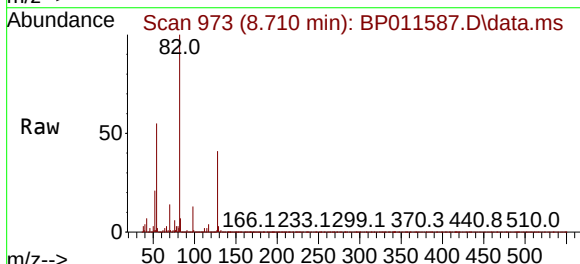
Instrument :
BNA_P
ClientSampleId :
MW-31

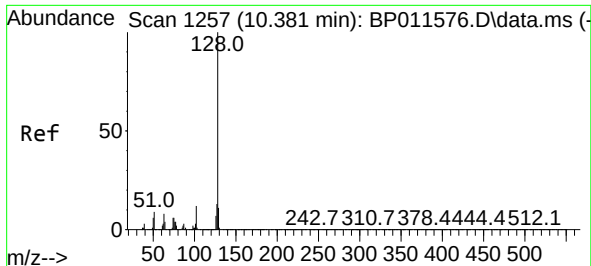
Tgt Ion:	136	Resp:	401583
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.8	8.7	13.1
68	4.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 91.075 ng
RT: 8.710 min Scan# 973
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

Tgt Ion:	82	Resp:	782243
Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.3	46.9
54	55.5	49.8	74.8

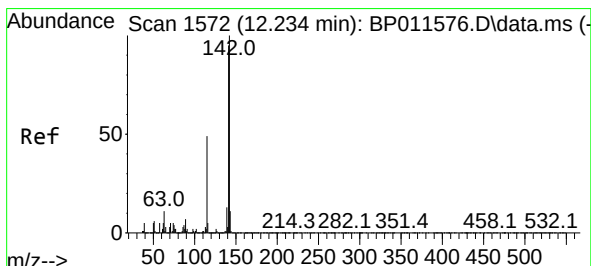
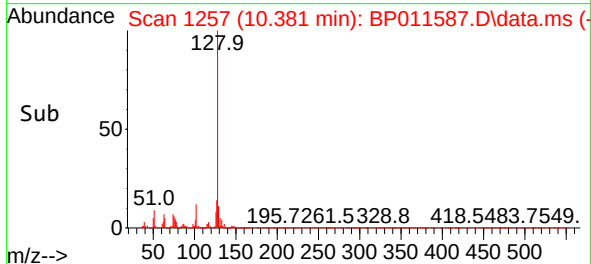
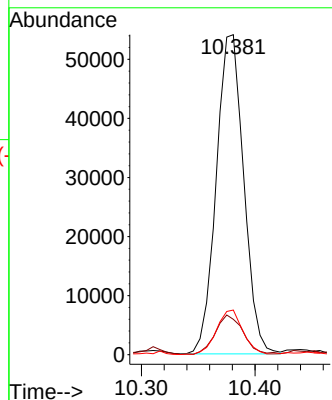
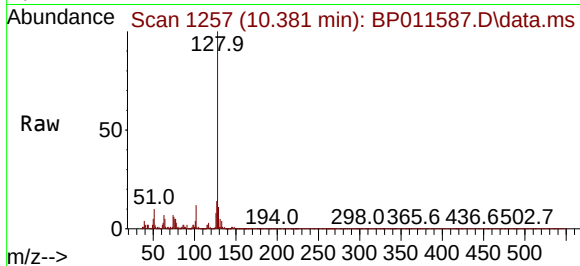




#31
Naphthalene
Concen: 4.103 ng
RT: 10.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

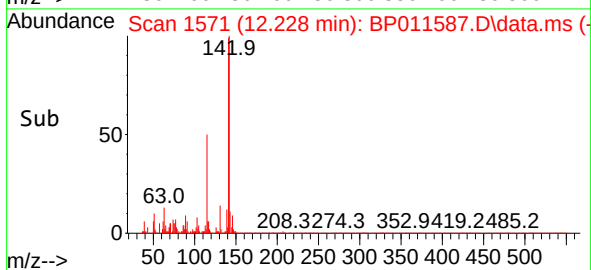
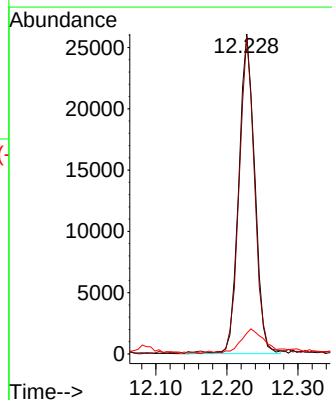
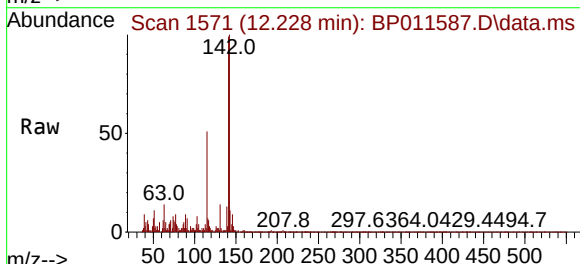
Instrument :
BNA_P
ClientSampleId :
MW-31

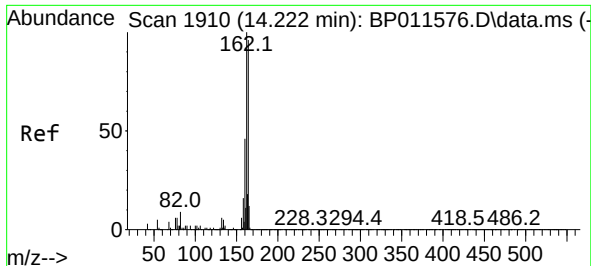
Tgt Ion:128 Resp: 90937
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.0 10.3 15.5



#38
1-Methylnaphthalene
Concen: 2.671 ng
RT: 12.228 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

Tgt Ion:142 Resp: 40586
Ion Ratio Lower Upper
142 100
141 99.3 72.6 108.8
116 6.5 3.3 4.9#

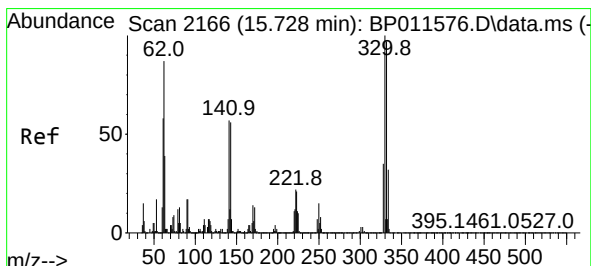
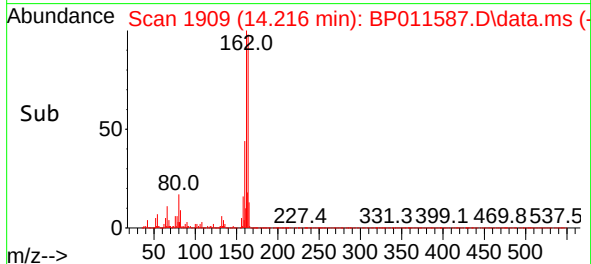
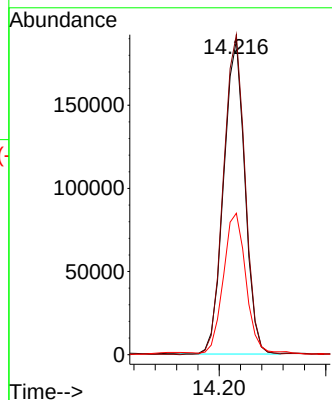
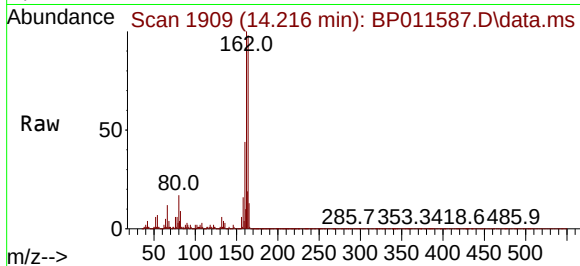




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

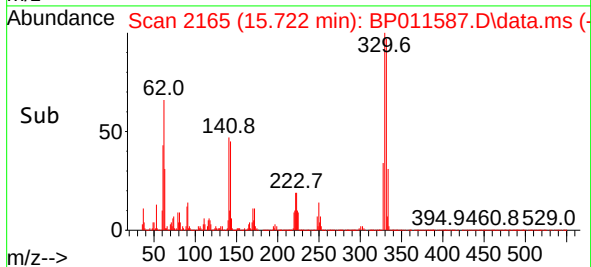
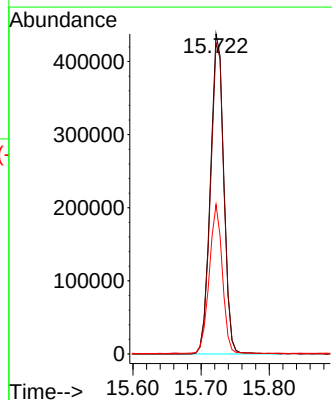
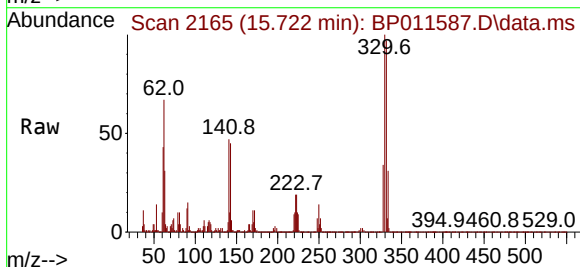
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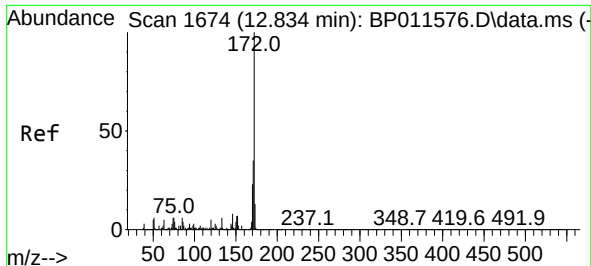
Tgt Ion:164 Resp: 260648
Ion Ratio Lower Upper
164 100
162 101.8 81.9 122.9
160 45.0 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 179.213 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

Tgt Ion:330 Resp: 598280
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 45.3 31.4 47.2

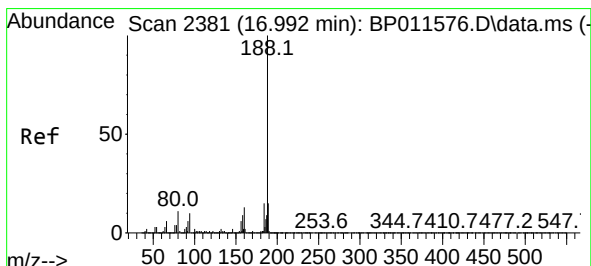
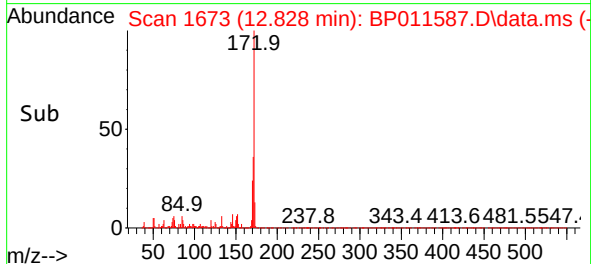
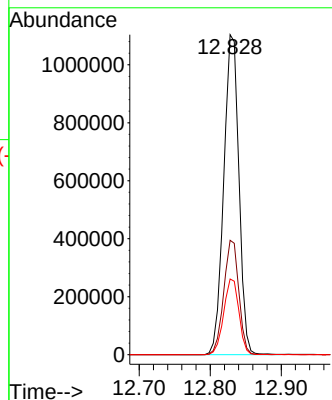
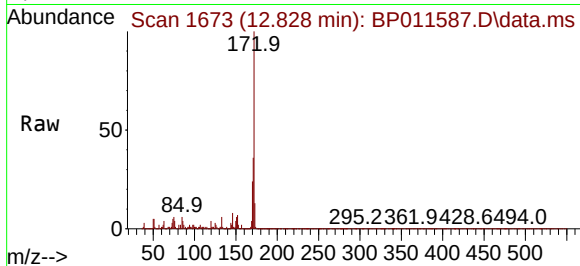




#45
2-Fluorobiphenyl
Concen: 94.150 ng
RT: 12.828 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

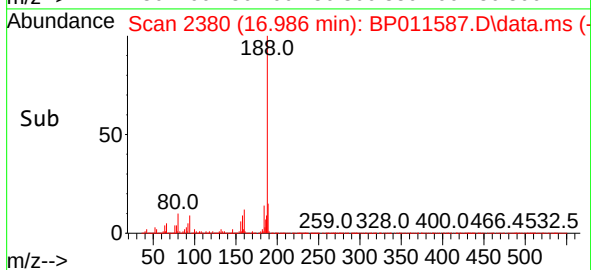
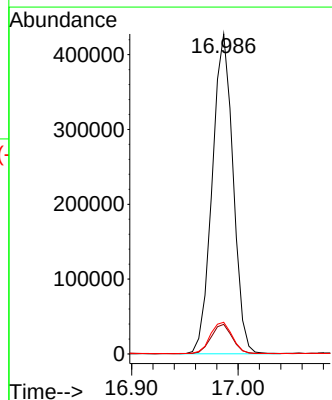
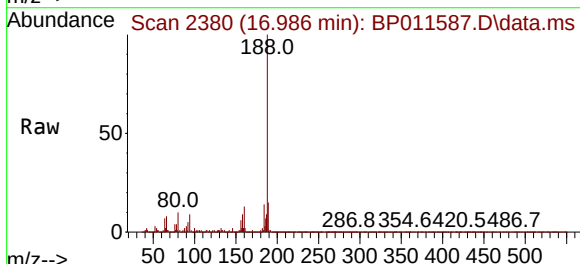
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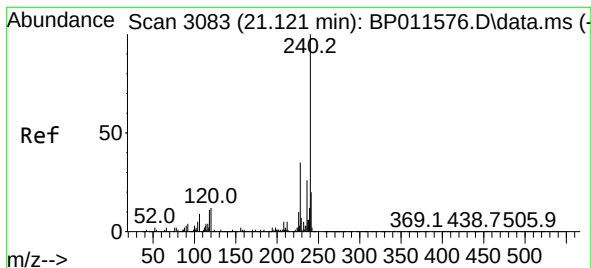
Tgt Ion:172 Resp: 1631578
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.7 18.2 27.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.986 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BP011587.D
Acq: 26 Aug 2022 19:48

Tgt Ion:188 Resp: 581959
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 9.9 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.116 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP011587.D

Acq: 26 Aug 2022 19:48

Instrument :

BNA_P

ClientSampleId :

MW-31

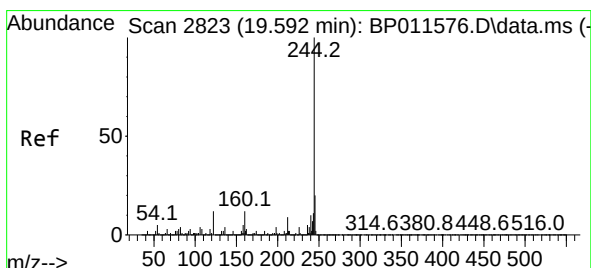
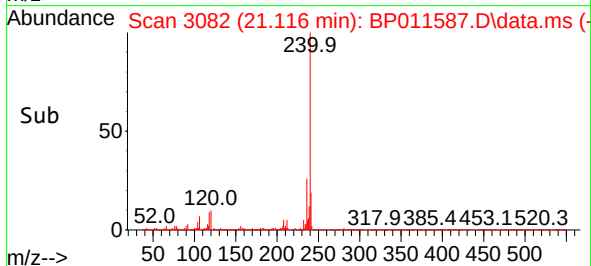
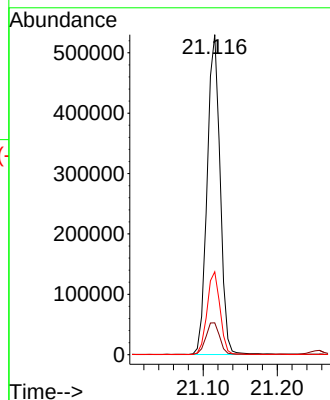
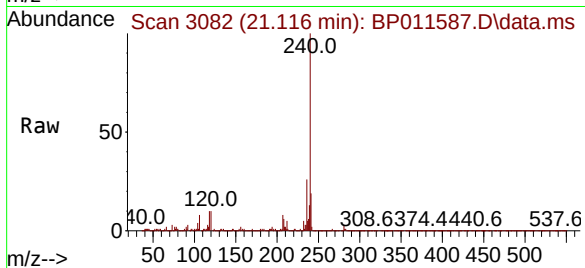
Tgt Ion:240 Resp: 643155

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.9 19.8 29.6



#79

Terphenyl-d14

Concen: 100.082 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BP011587.D

Acq: 26 Aug 2022 19:48

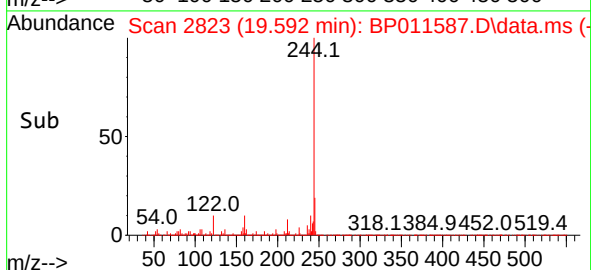
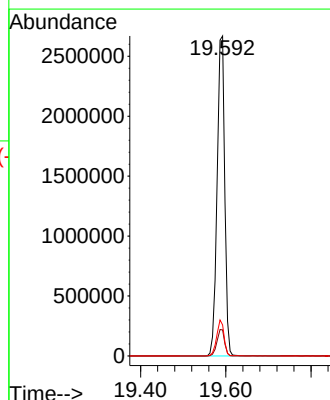
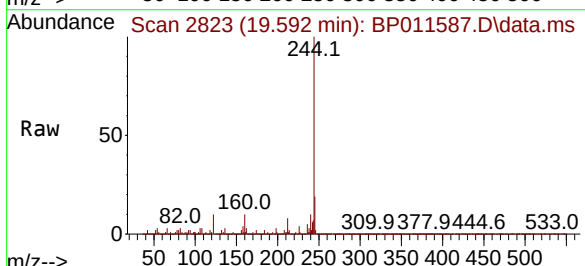
Tgt Ion:244 Resp: 3315998

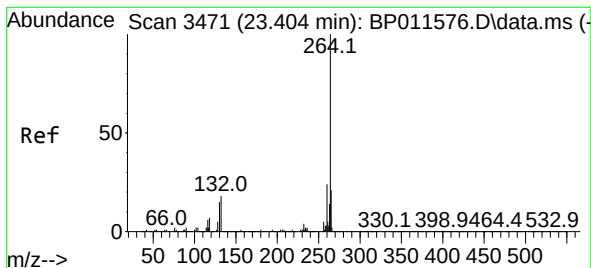
Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 9.7 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.398 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP011587.D

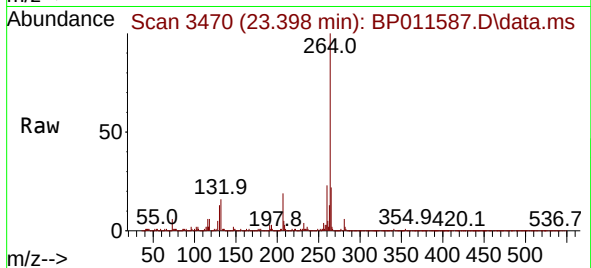
Acq: 26 Aug 2022 19:48

Instrument :

BNA_P

ClientSampleId :

MW-31



Tgt Ion:264 Resp: 722500

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.0 18.0 27.0

