

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009173.D
 Acq On : 16 Feb 2022 11:46
 Operator : CG/JU
 Sample : PB142605BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142605BL

Quant Time: Feb 16 14:32:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

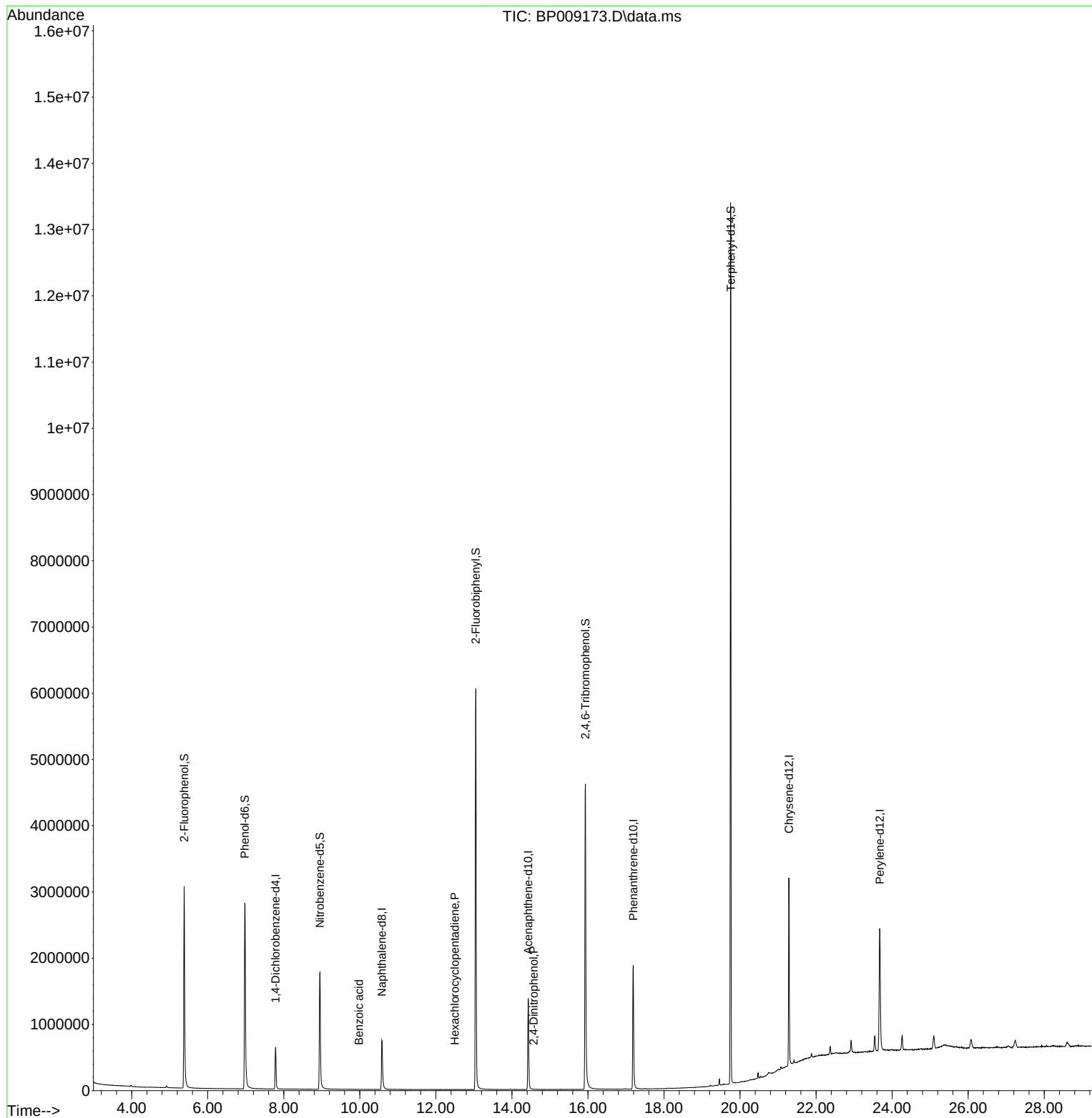
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	208742	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	824005	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	604499	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1412099	20.000	ng	0.00
76) Chrysene-d12	21.286	240	1537461	20.000	ng	0.00
86) Perylene-d12	23.674	264	1570639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1656016	141.515	ng	0.00
7) Phenol-d6	6.975	99	2079398	134.856	ng	0.00
23) Nitrobenzene-d5	8.951	82	1265892	86.636	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1253272	155.278	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	3615754	83.733	ng	0.00
79) Terphenyl-d14	19.757	244	7056335	82.536	ng	0.00
Target Compounds						
32) Benzoic acid	9.981	122	19	2.691	ng	# 1
41) Hexachlorocyclopentadiene	12.498	237	20	8.658	ng	79
54) 2,4-Dinitrophenol	14.575	184	6	2.168	ng	# 1

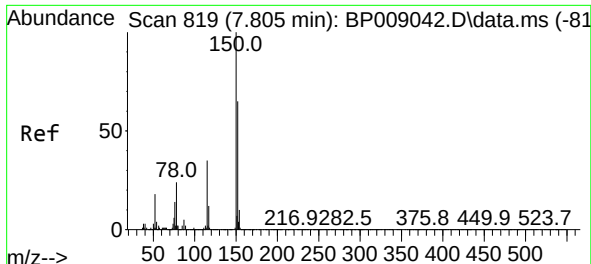
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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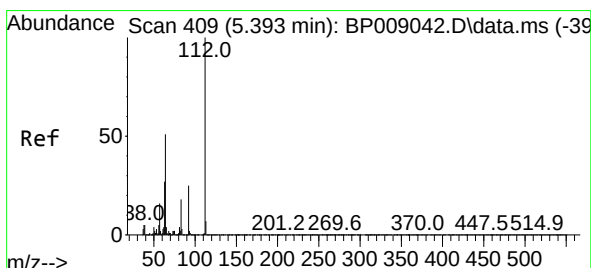
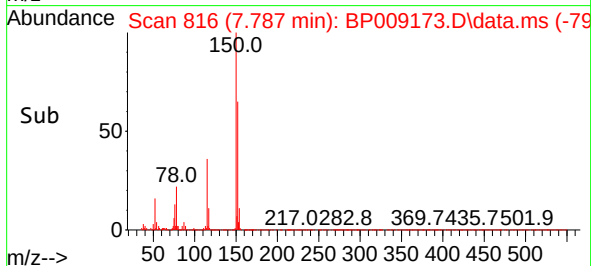
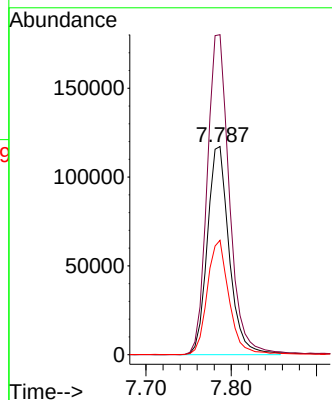
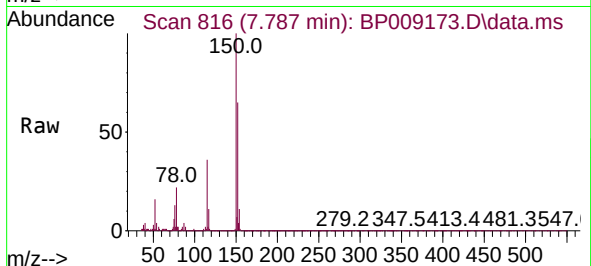




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

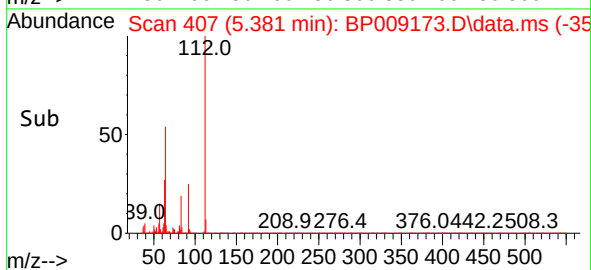
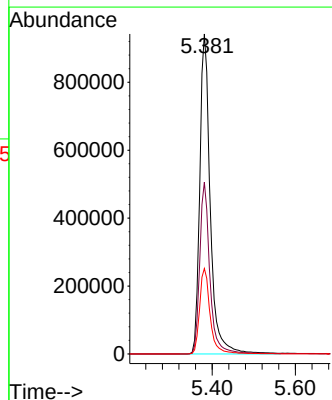
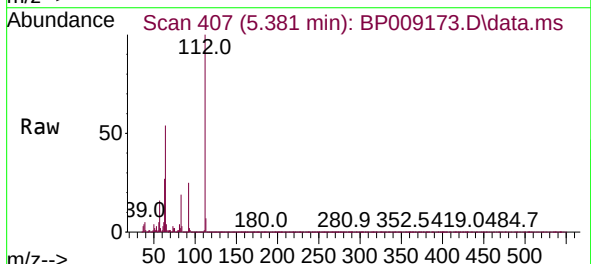
Instrument :
BNA_P
ClientSampleId :
PB142605BL

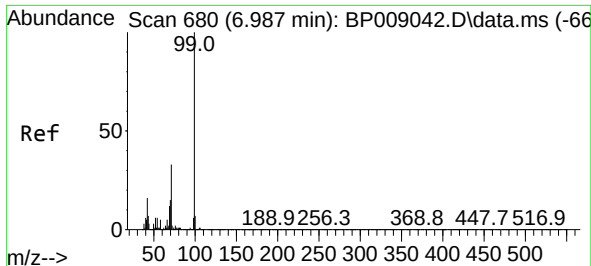
Tgt Ion:152 Resp: 208742
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 55.0 43.7 65.5



#5
2-Fluorophenol
Concen: 141.515 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.000 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

Tgt Ion:112 Resp: 1656016
Ion Ratio Lower Upper
112 100
64 53.7 39.7 59.5
63 26.7 20.0 30.0

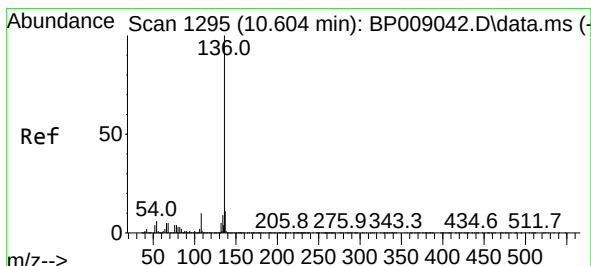
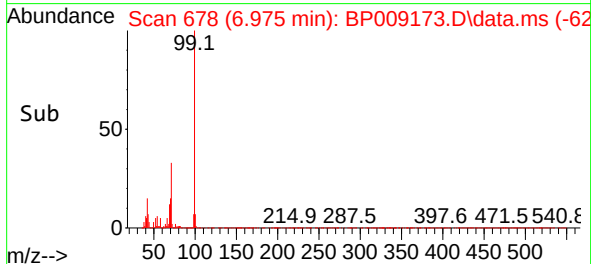
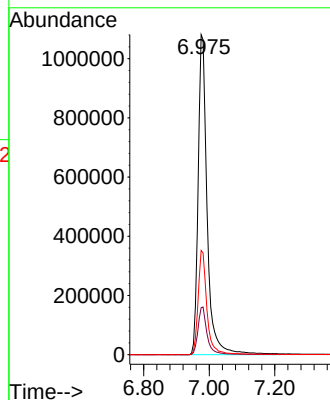
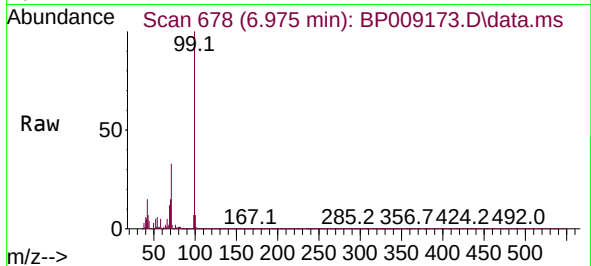




#7
Phenol-d6
Concen: 134.856 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

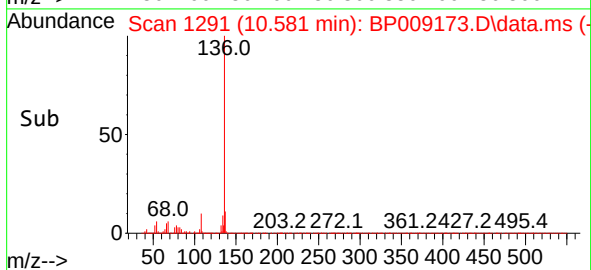
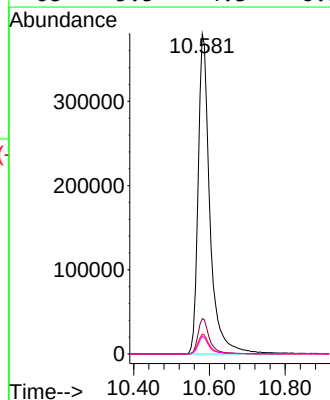
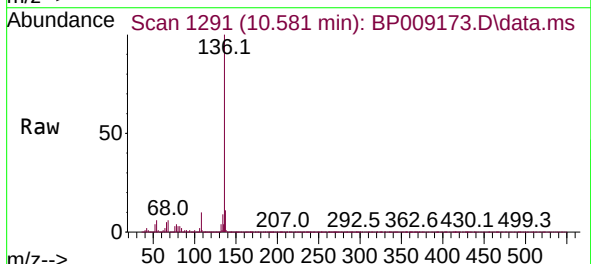
Instrument :
BNA_P
ClientSampleId :
PB142605BL

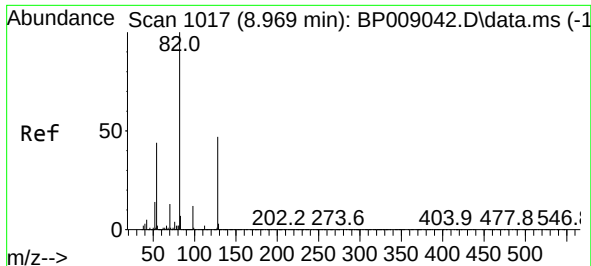
Tgt Ion: 99 Resp: 2079398
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 32.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

Tgt Ion: 136 Resp: 824005
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.1 4.9 7.3
68 5.5 4.3 6.5

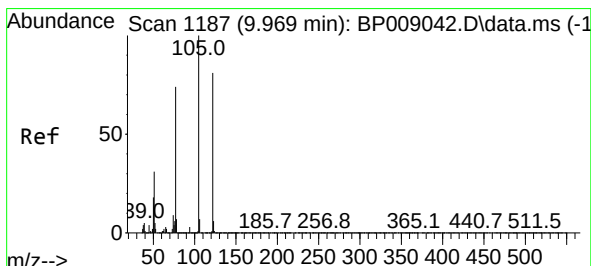
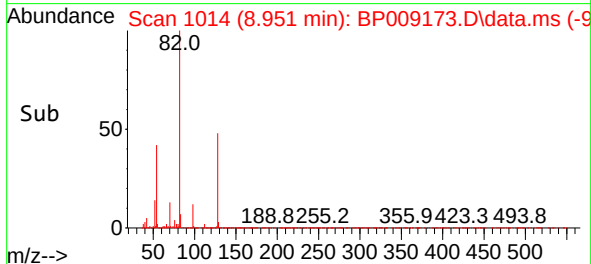
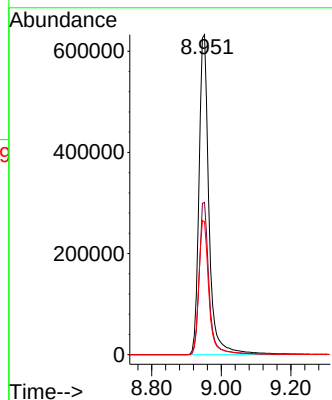
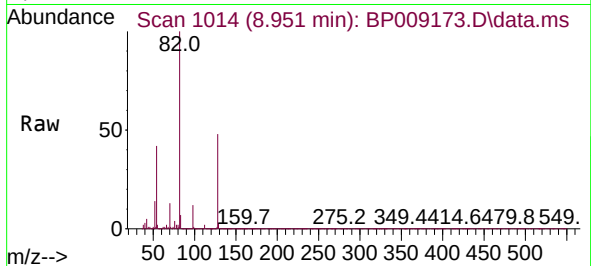




#23
Nitrobenzene-d5
Concen: 86.636 ng
RT: 8.951 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

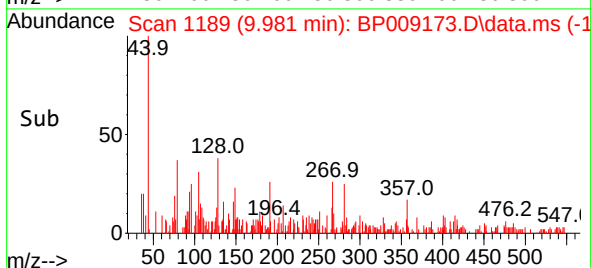
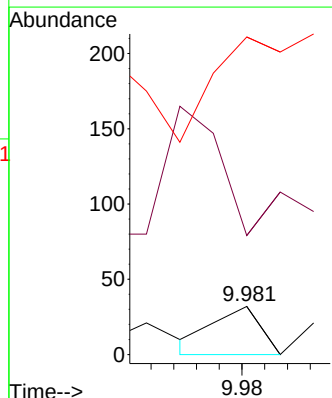
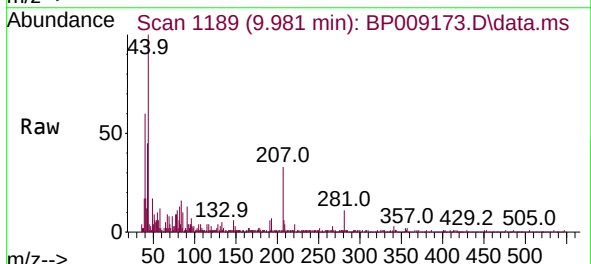
Instrument :
BNA_P
ClientSampleId :
PB142605BL

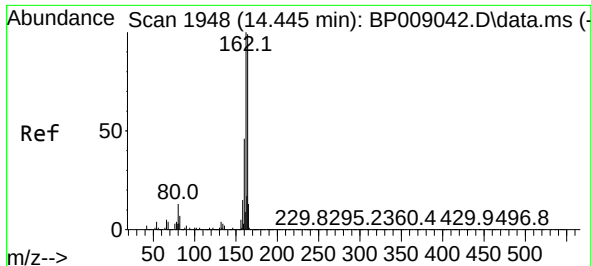
Tgt Ion: 82 Resp: 1265892
Ion Ratio Lower Upper
82 100
128 47.6 39.4 59.2
54 41.6 32.6 48.8



#32
Benzoic acid
Concen: 2.691 ng
RT: 9.981 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

Tgt Ion: 122 Resp: 19
Ion Ratio Lower Upper
122 100
105 300.0 100.1 140.1#
77 659.4 65.5 105.5#

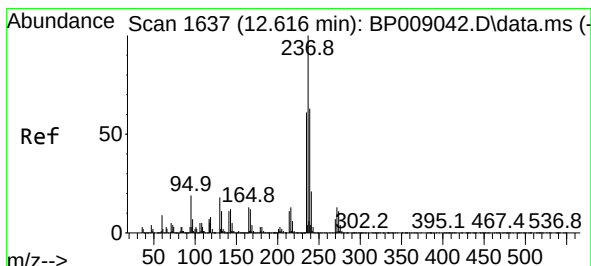
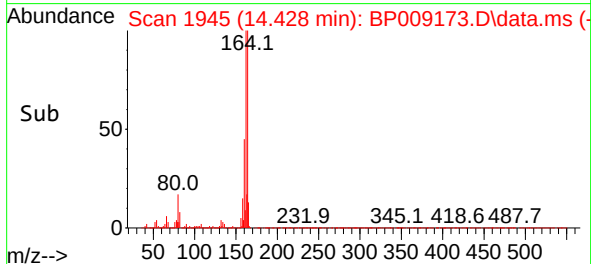
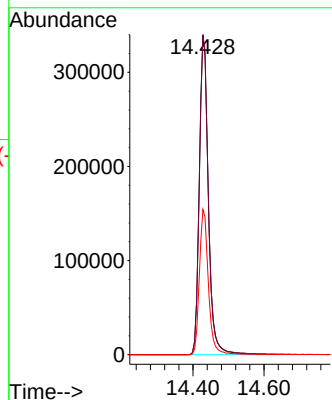
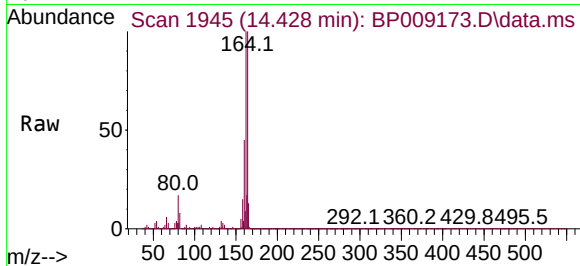




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

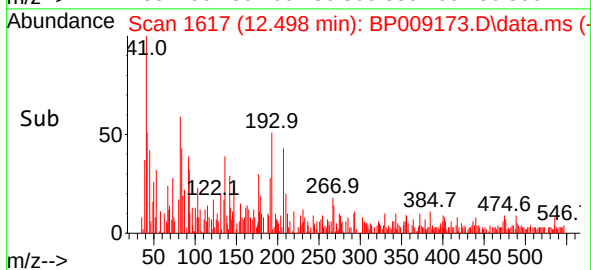
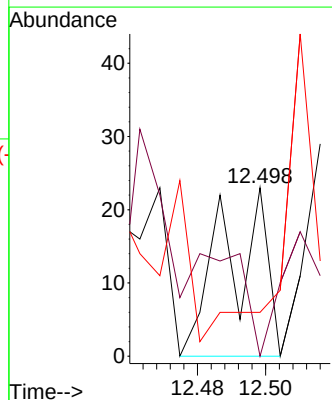
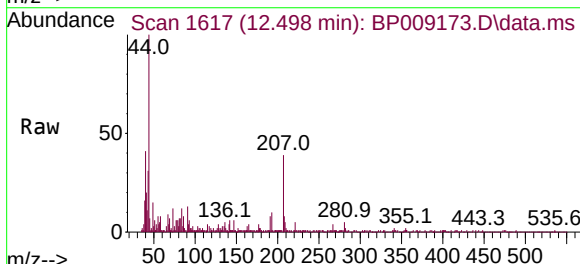
Instrument :
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ClientSampleId :
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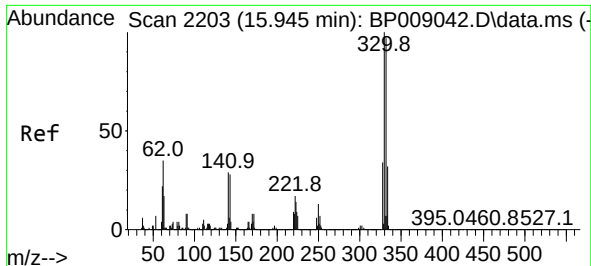
Tgt Ion:164 Resp: 604499
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 45.4 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.498 min Scan# 1617
Delta R.T. -0.094 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

Tgt Ion:237 Resp: 20
Ion Ratio Lower Upper
237 100
235 47.8 42.9 82.9
272 26.1 0.0 33.8

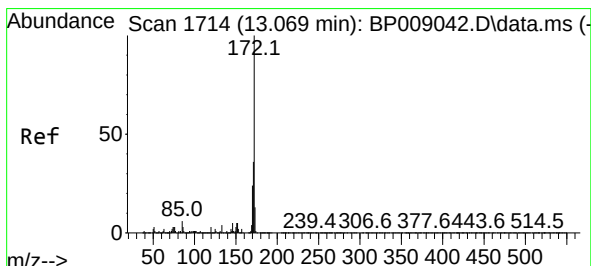
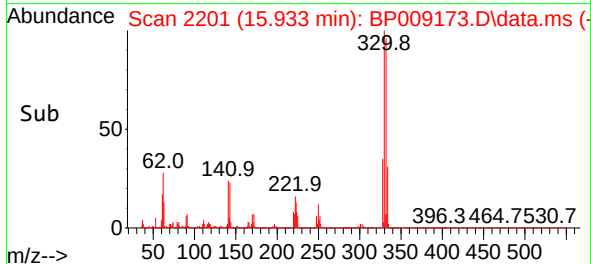
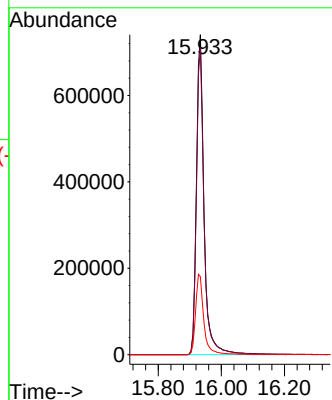
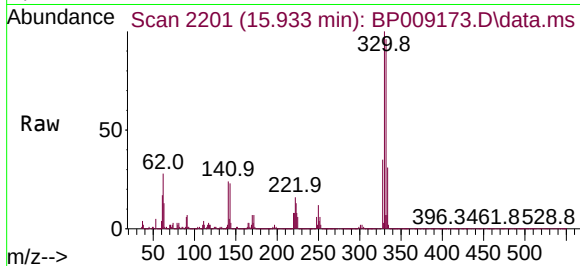




#42
2,4,6-Tribromophenol
Concen: 155.278 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

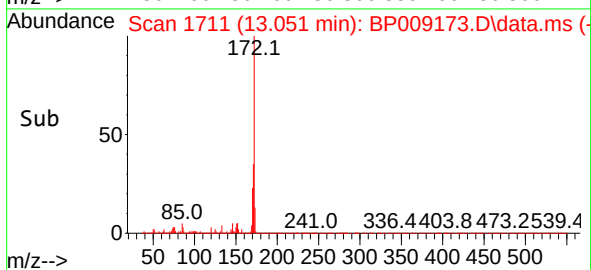
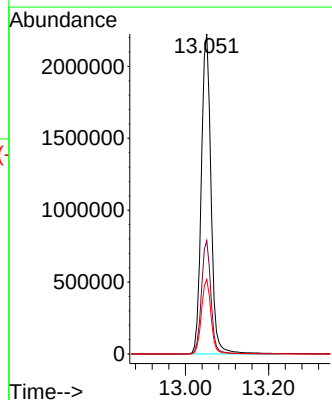
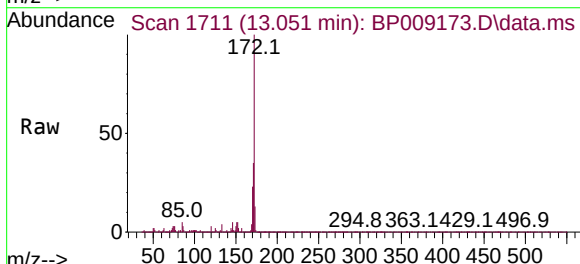
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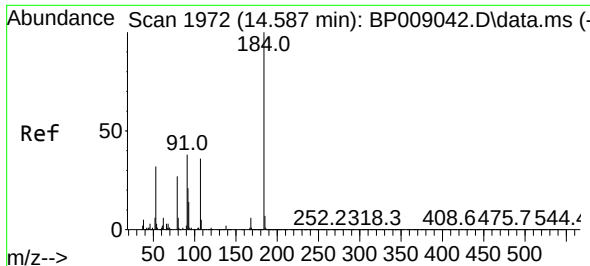
Tgt Ion:330 Resp: 1253272
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 27.0 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 83.733 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

Tgt Ion:172 Resp: 3615754
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 23.2 19.5 29.3

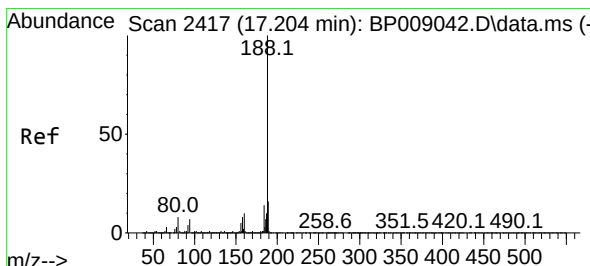
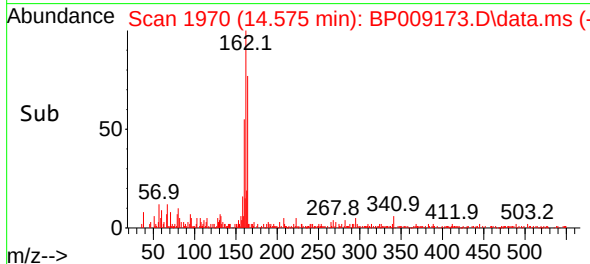
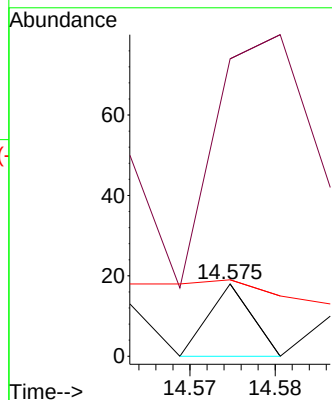
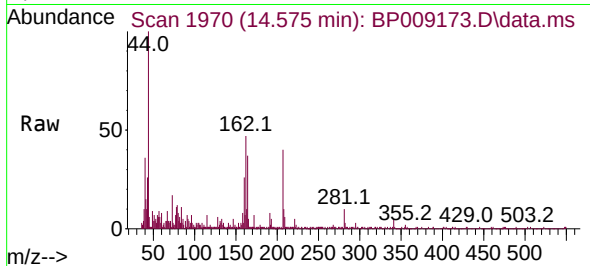




#54
2,4-Dinitrophenol
Concen: 2.168 ng
RT: 14.575 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

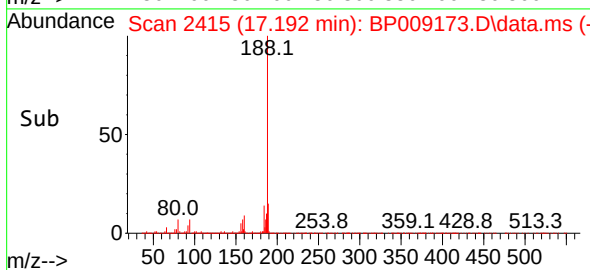
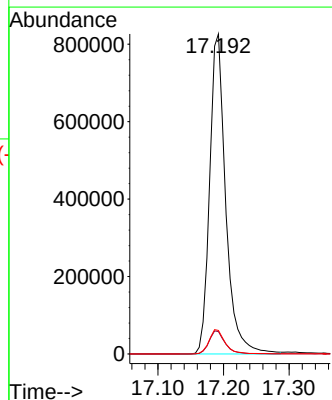
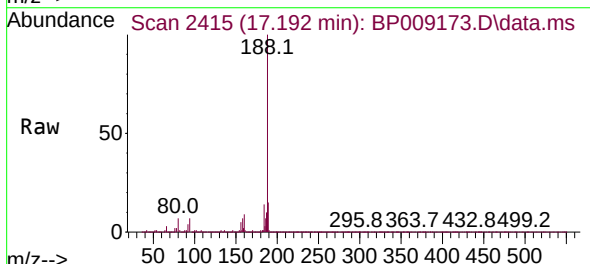
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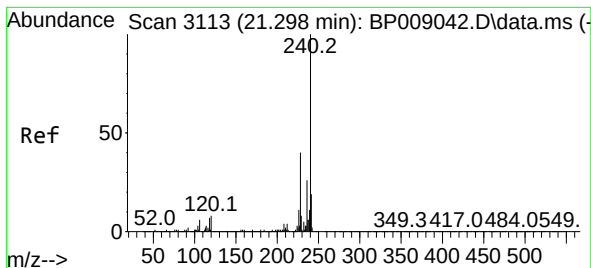
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 411.1 35.6 53.4#
154 105.6 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

Tgt Ion:188 Resp: 1412099
Ion Ratio Lower Upper
188 100
94 7.0 6.8 10.2
80 7.3 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP009173.D

Acq: 16 Feb 2022 11:46

Instrument :

BNA_P

ClientSampleId :

PB142605BL

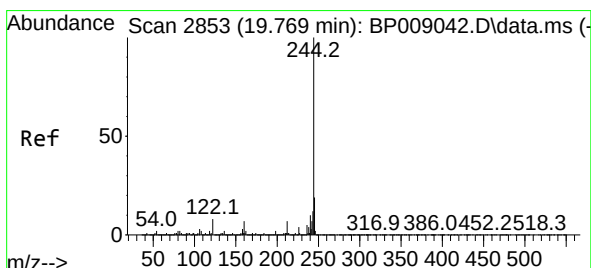
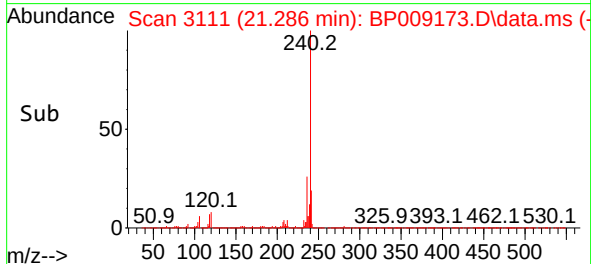
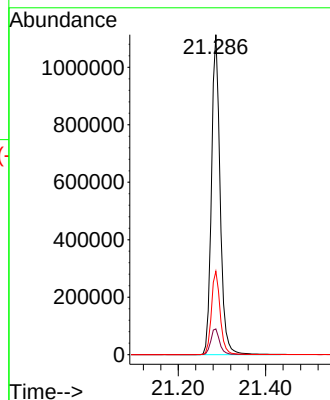
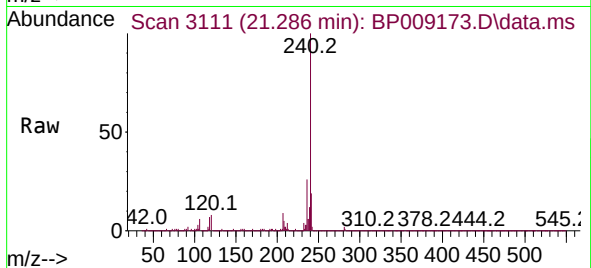
Tgt Ion:240 Resp: 1537461

Ion Ratio Lower Upper

240 100

120 8.1 7.7 11.5

236 26.0 21.2 31.8



#79

Terphenyl-d14

Concen: 82.536 ng

RT: 19.757 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP009173.D

Acq: 16 Feb 2022 11:46

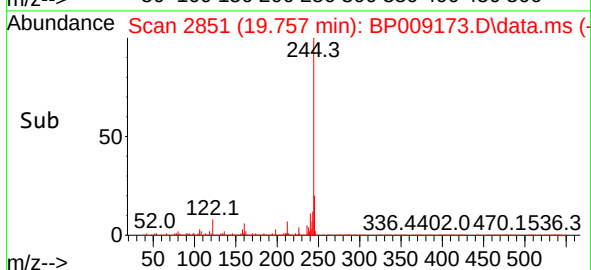
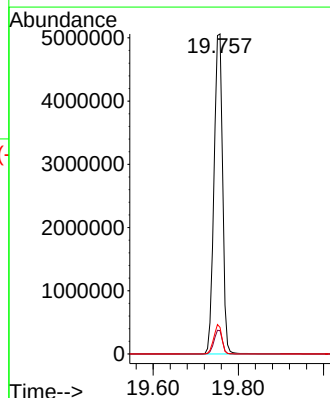
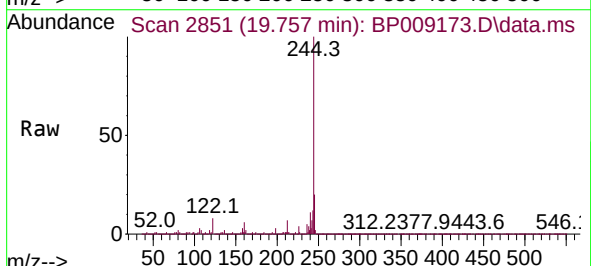
Tgt Ion:244 Resp: 7056335

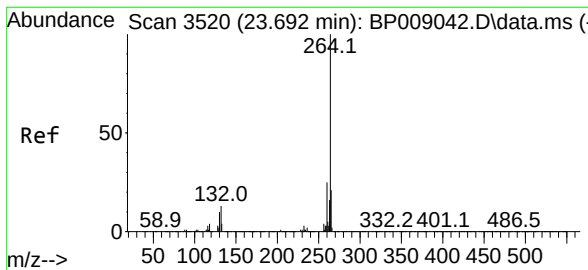
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 8.3 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP009173.D
Acq: 16 Feb 2022 11:46

Instrument :
BNA_P
ClientSampleId :
PB142605BL

Tgt Ion:264 Resp: 1570639

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.1	28.7
265	22.2	17.1	25.7

