

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009133.D
 Acq On : 14 Feb 2022 14:11
 Operator : CG/JU
 Sample : PB142589TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142589TB

Quant Time: Feb 14 15:08:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

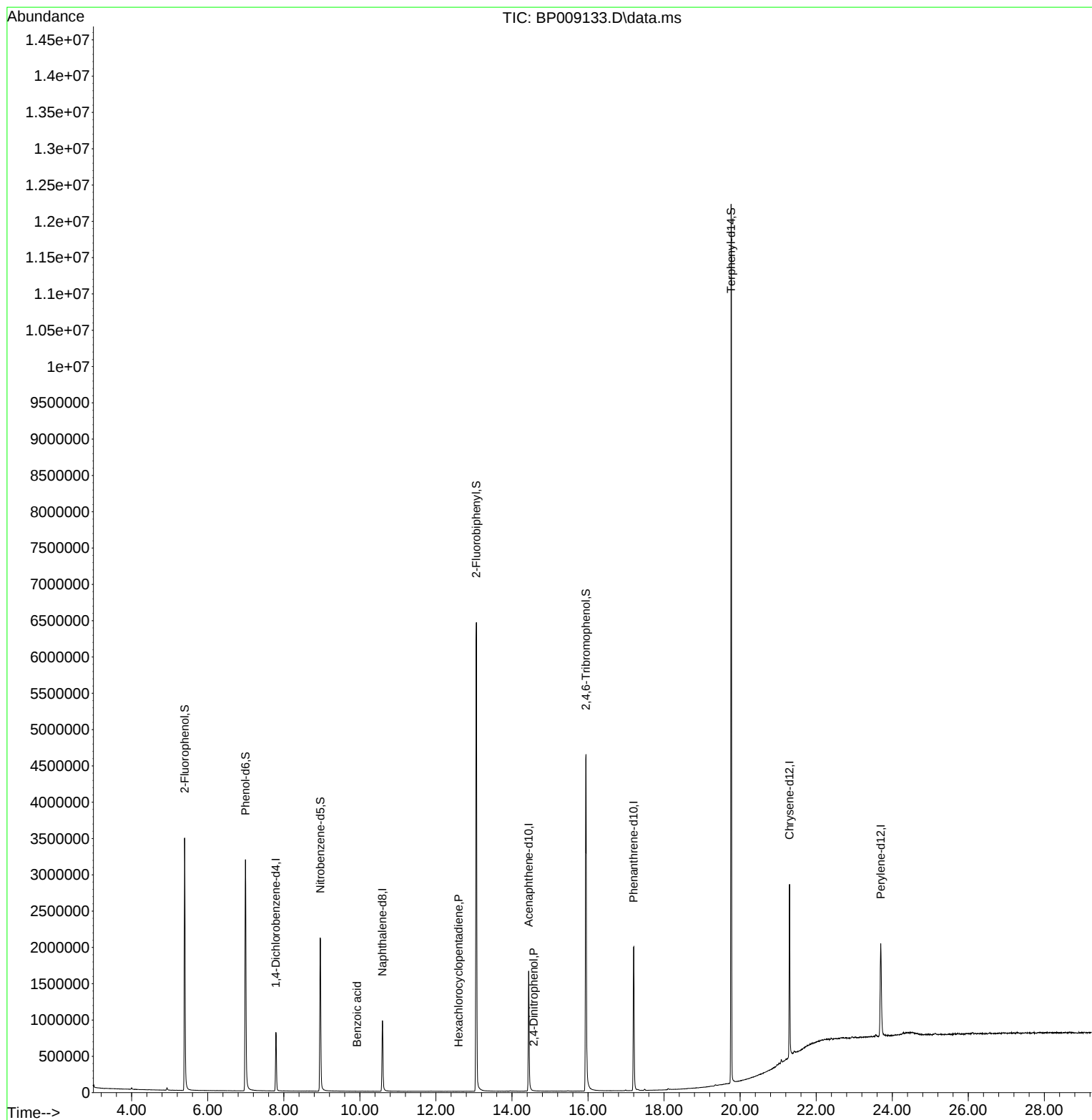
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	250183	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	968837	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	683508	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1458868	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1279283	20.000	ng	0.00
86) Perylene-d12	23.698	264	1206956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1803012	128.555	ng	0.00
7) Phenol-d6	6.993	99	2275830	123.147	ng	0.00
23) Nitrobenzene-d5	8.958	82	1403820	81.713	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	1269017	139.054	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3919743	80.280	ng	0.00
79) Terphenyl-d14	19.763	244	6060273	85.191	ng	0.00
Target Compounds						
32) Benzoic acid	9.928	122	27	2.692	ng	# 10
41) Hexachlorocyclopentadiene	12.599	237	25	8.659	ng	84
54) 2,4-Dinitrophenol	14.569	184	14	2.170	ng	# 1

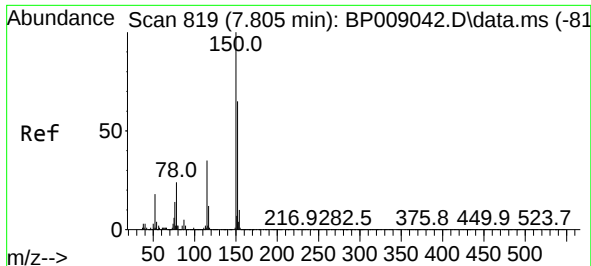
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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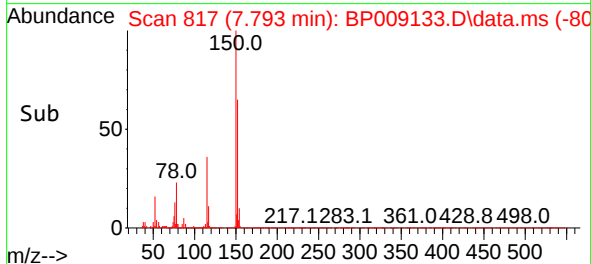
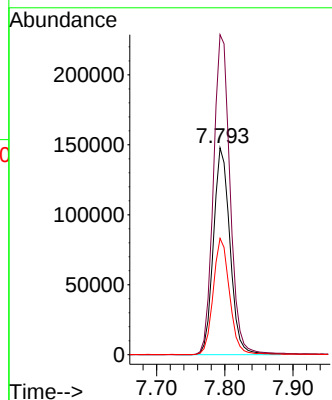
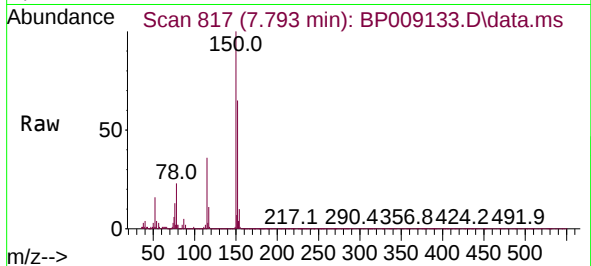




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

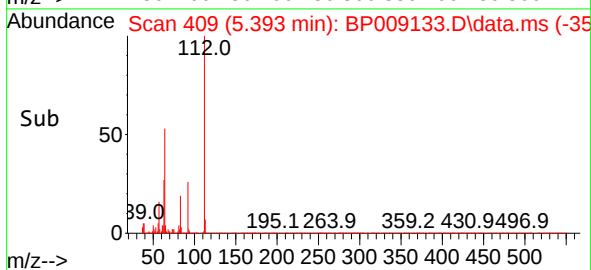
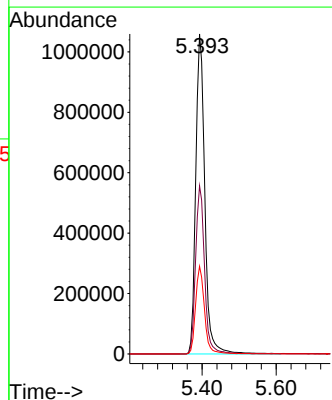
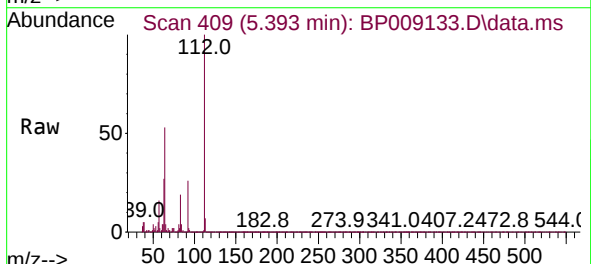
Instrument :
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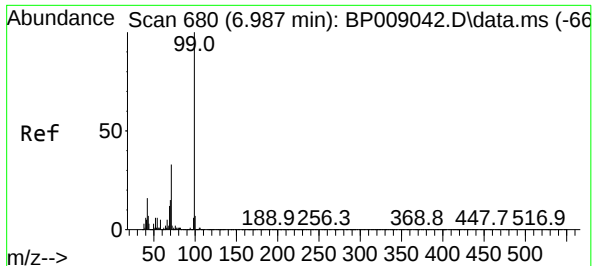
Tgt Ion:152 Resp: 250183
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 56.2 43.7 65.5



#5
2-Fluorophenol
Concen: 128.555 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

Tgt Ion:112 Resp: 1803012
Ion Ratio Lower Upper
112 100
64 52.5 39.7 59.5
63 27.4 20.0 30.0

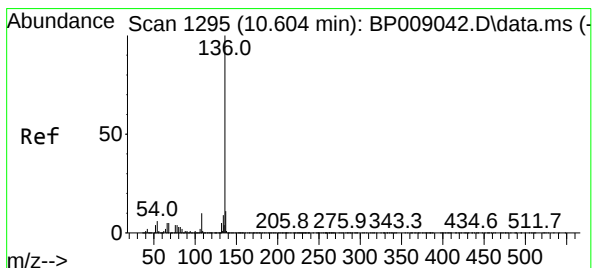
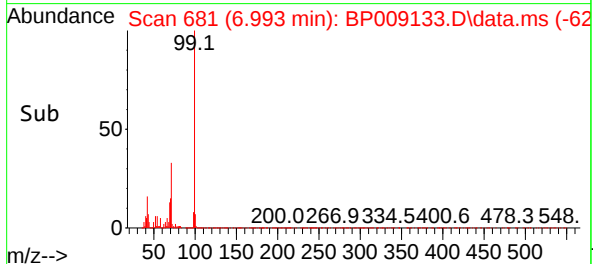
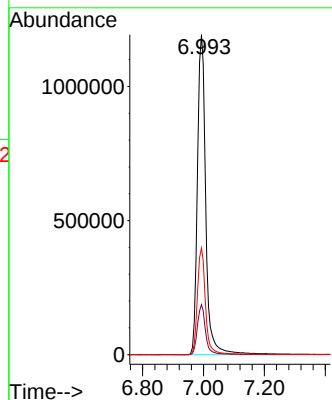
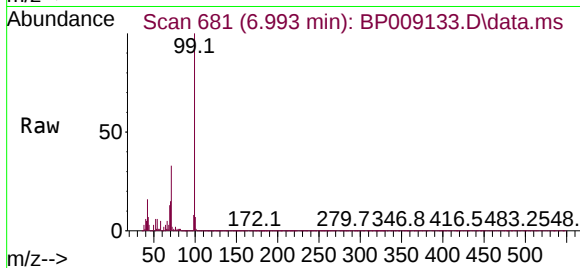




#7
Phenol-d6
Concen: 123.147 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

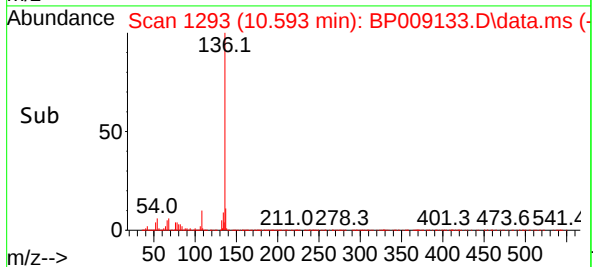
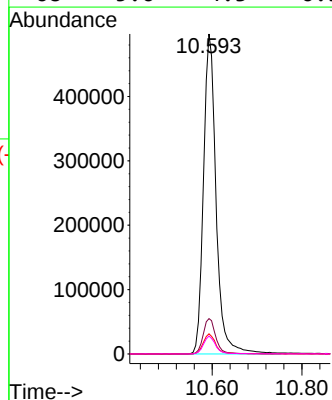
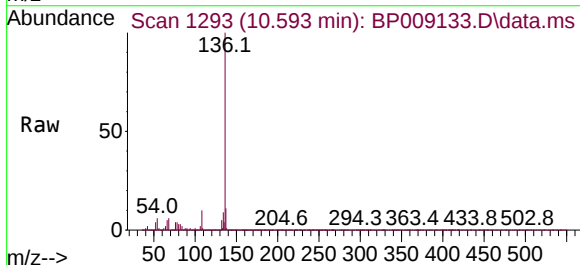
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BNA_P
ClientSampleId :
PB142589TB

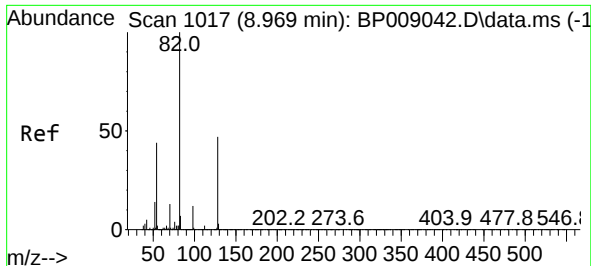
Tgt Ion: 99 Resp: 2275830
Ion Ratio Lower Upper
99 100
42 15.7 10.8 16.2
71 33.3 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

Tgt Ion: 136 Resp: 968837
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.3 4.9 7.3
68 5.6 4.3 6.5

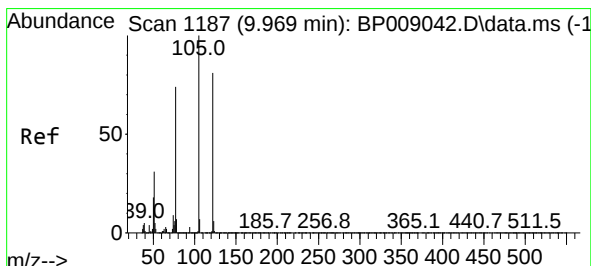
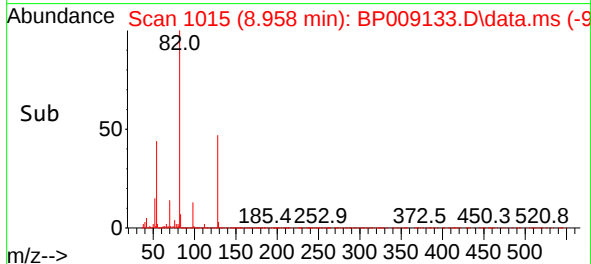
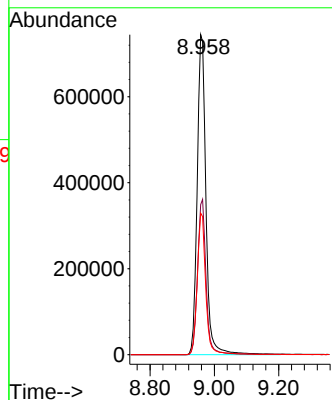
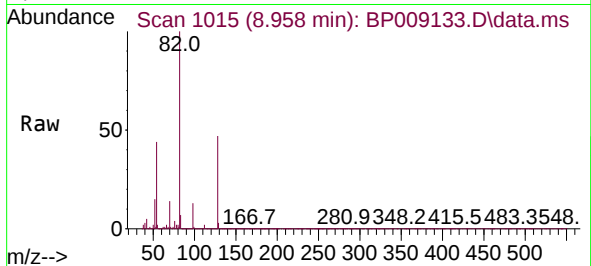




#23
Nitrobenzene-d5
Concen: 81.713 ng
RT: 8.958 min Scan# 110
Delta R.T. -0.012 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

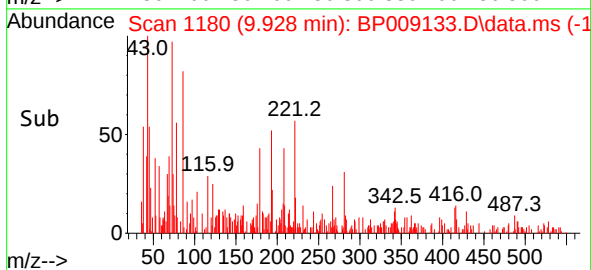
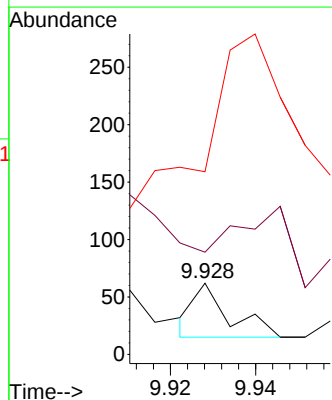
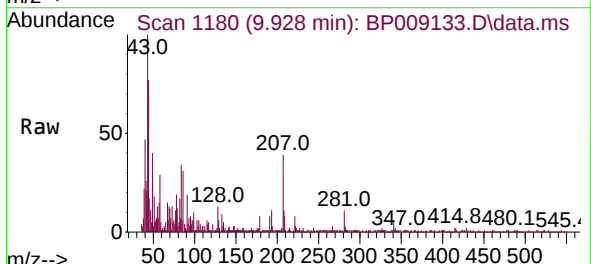
Instrument :
BNA_P
ClientSampleId :
PB142589TB

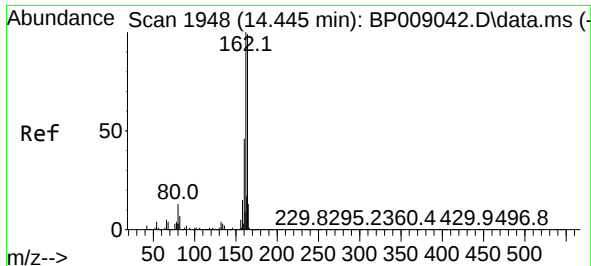
Tgt Ion: 82 Resp: 1403820
Ion Ratio Lower Upper
82 100
128 46.9 39.4 59.2
54 44.2 32.6 48.8



#32
Benzoic acid
Concen: 2.692 ng
RT: 9.928 min Scan# 1180
Delta R.T. -0.041 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

Tgt Ion:122 Resp: 27
Ion Ratio Lower Upper
122 100
105 143.5 100.1 140.1#
77 256.5 65.5 105.5#

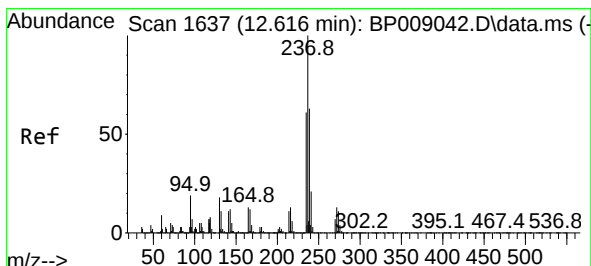
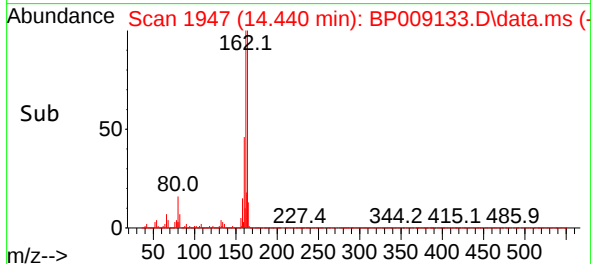
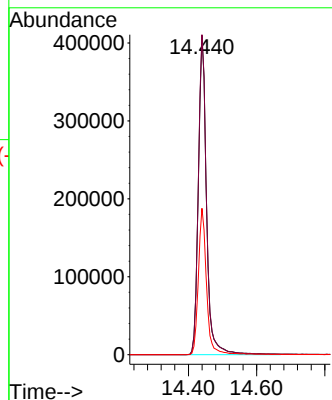
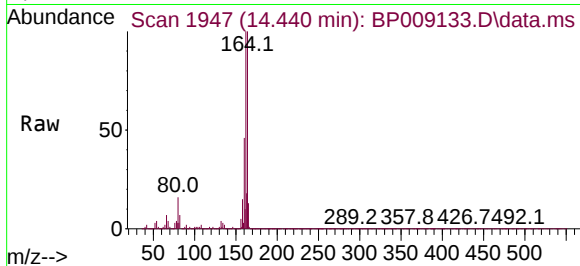




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

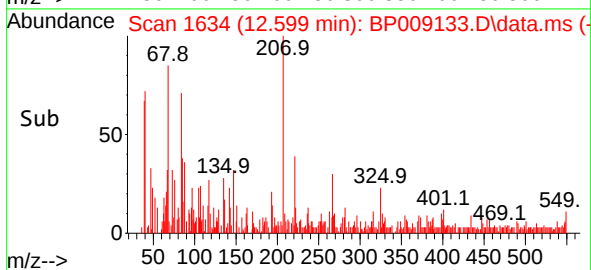
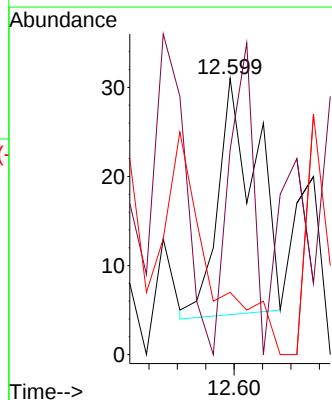
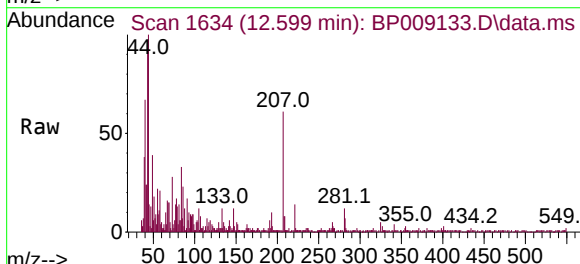
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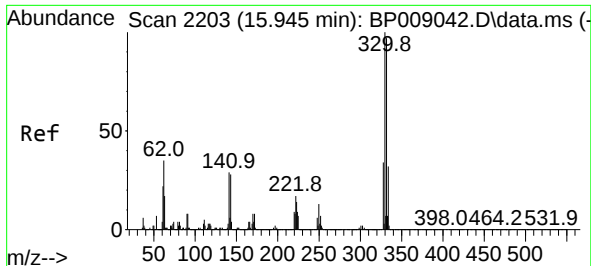
Tgt Ion:164 Resp: 683508
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 45.9 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.599 min Scan# 1634
Delta R.T. -0.017 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 74.2 42.9 82.9
272 22.6 0.0 33.8

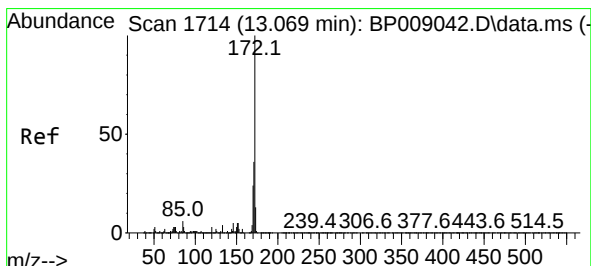
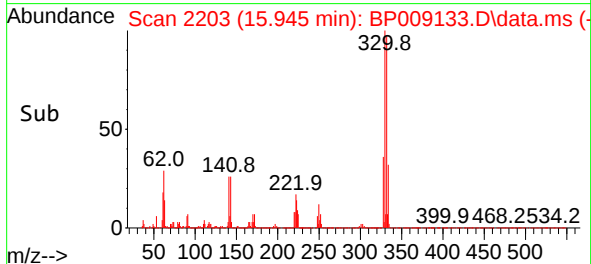
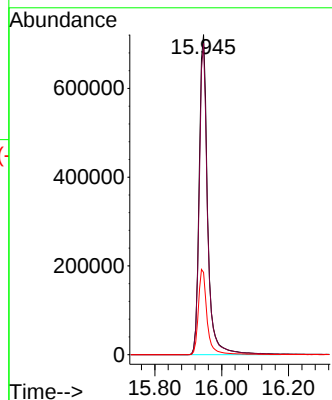
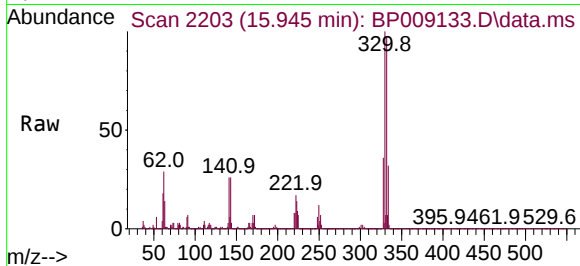




#42
2,4,6-Tribromophenol
Concen: 139.054 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

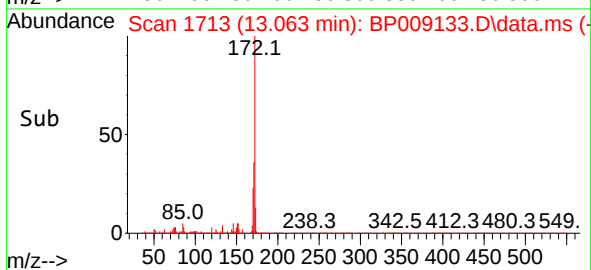
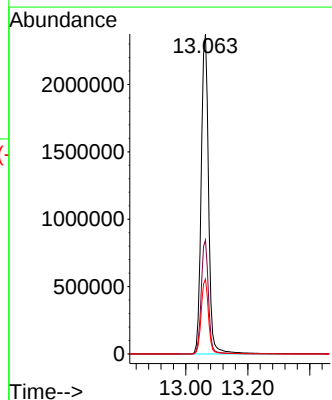
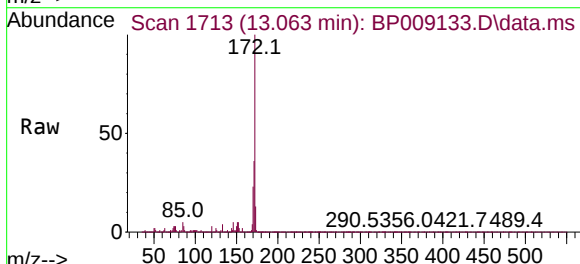
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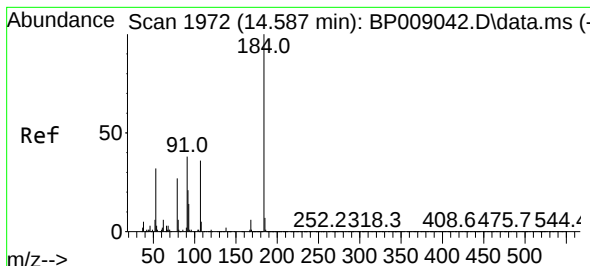
Tgt Ion:330 Resp: 1269017
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 27.6 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 80.280 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

Tgt Ion:172 Resp: 3919743
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.4 19.5 29.3

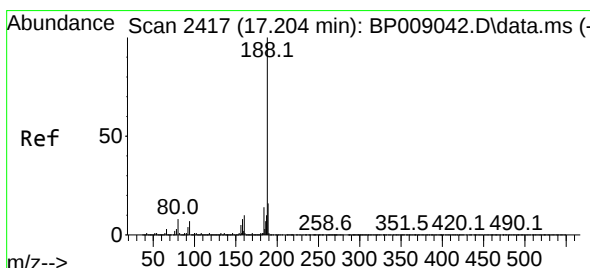
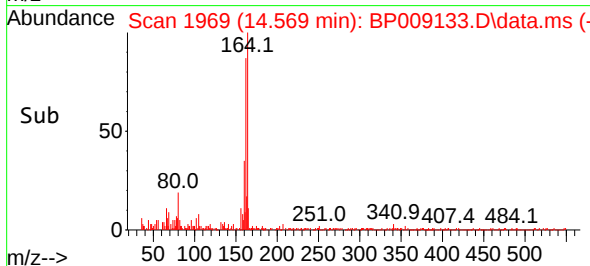
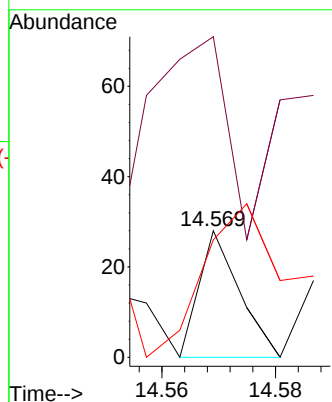
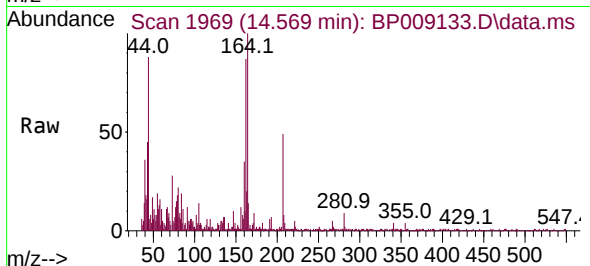




#54
2,4-Dinitrophenol
Concen: 2.170 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.018 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

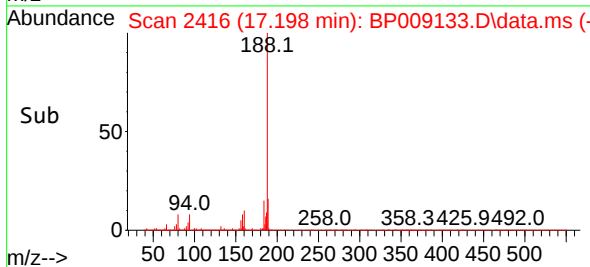
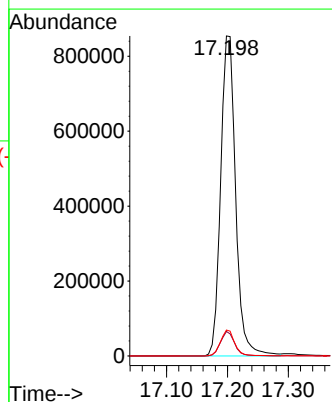
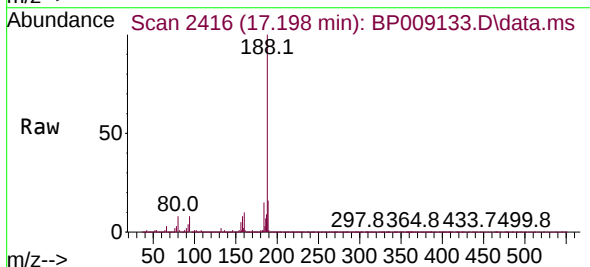
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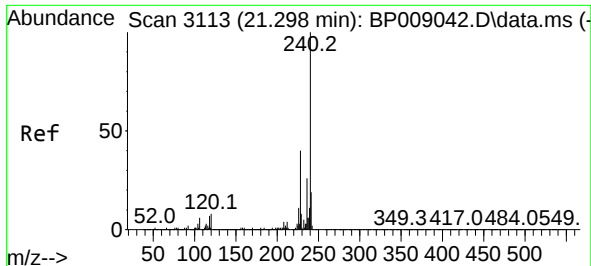
Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 253.6 35.6 53.4#
154 92.9 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

Tgt Ion:188 Resp: 1458868
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.1 7.2 10.8

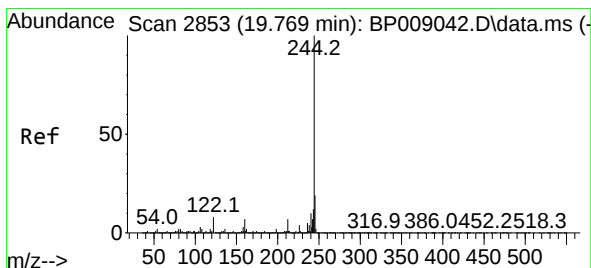
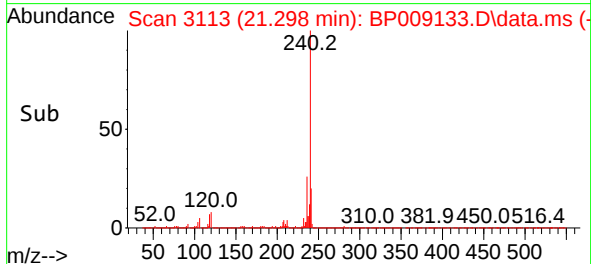
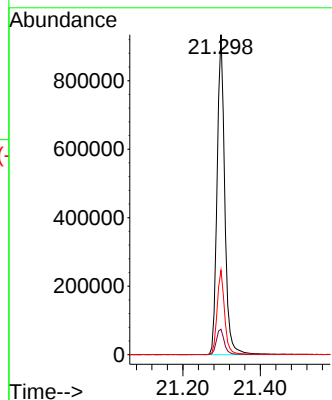
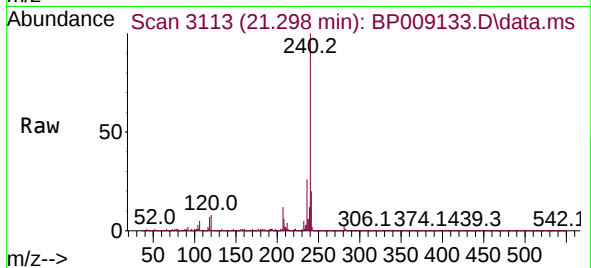




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

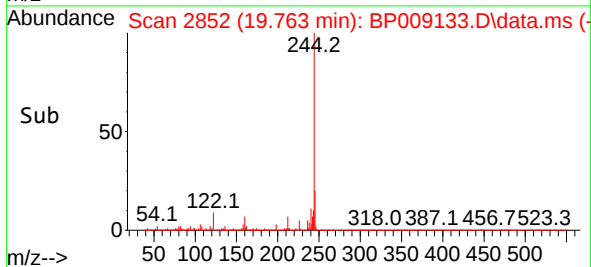
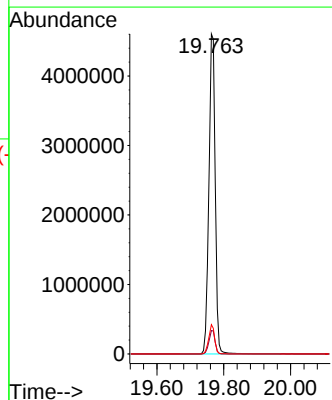
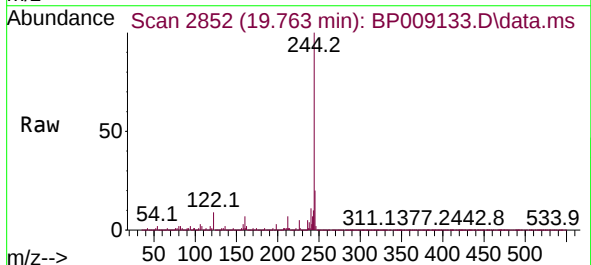
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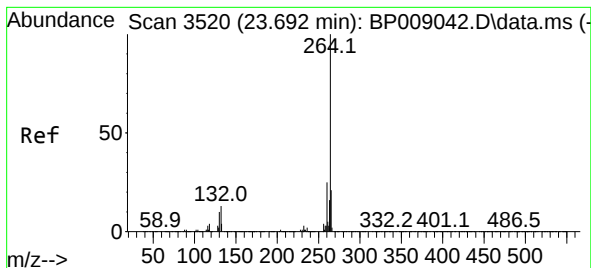
Tgt Ion:240 Resp: 1279283
Ion Ratio Lower Upper
240 100
120 8.0 7.7 11.5
236 26.4 21.2 31.8



#79
Terphenyl-d14
Concen: 85.191 ng
RT: 19.763 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP009133.D
Acq: 14 Feb 2022 14:11

Tgt Ion:244 Resp: 6060273
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 9.2 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009133.D

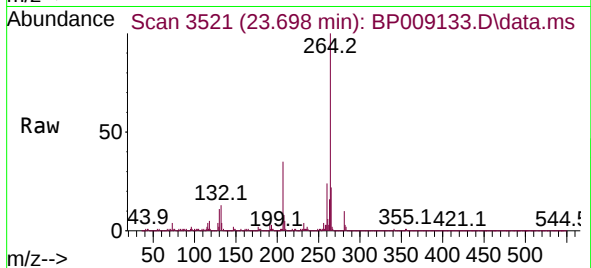
Acq: 14 Feb 2022 14:11

Instrument :

BNA_P

ClientSampleId :

PB142589TB



Tgt Ion:264 Resp: 1206956

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.7 17.1 25.7

