

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
 Data File : BP007019.D
 Acq On : 17 Sep 2021 10:16
 Operator : CG/JU
 Sample : PB139068TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB139068TB

Quant Time: Sep 17 11:00:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

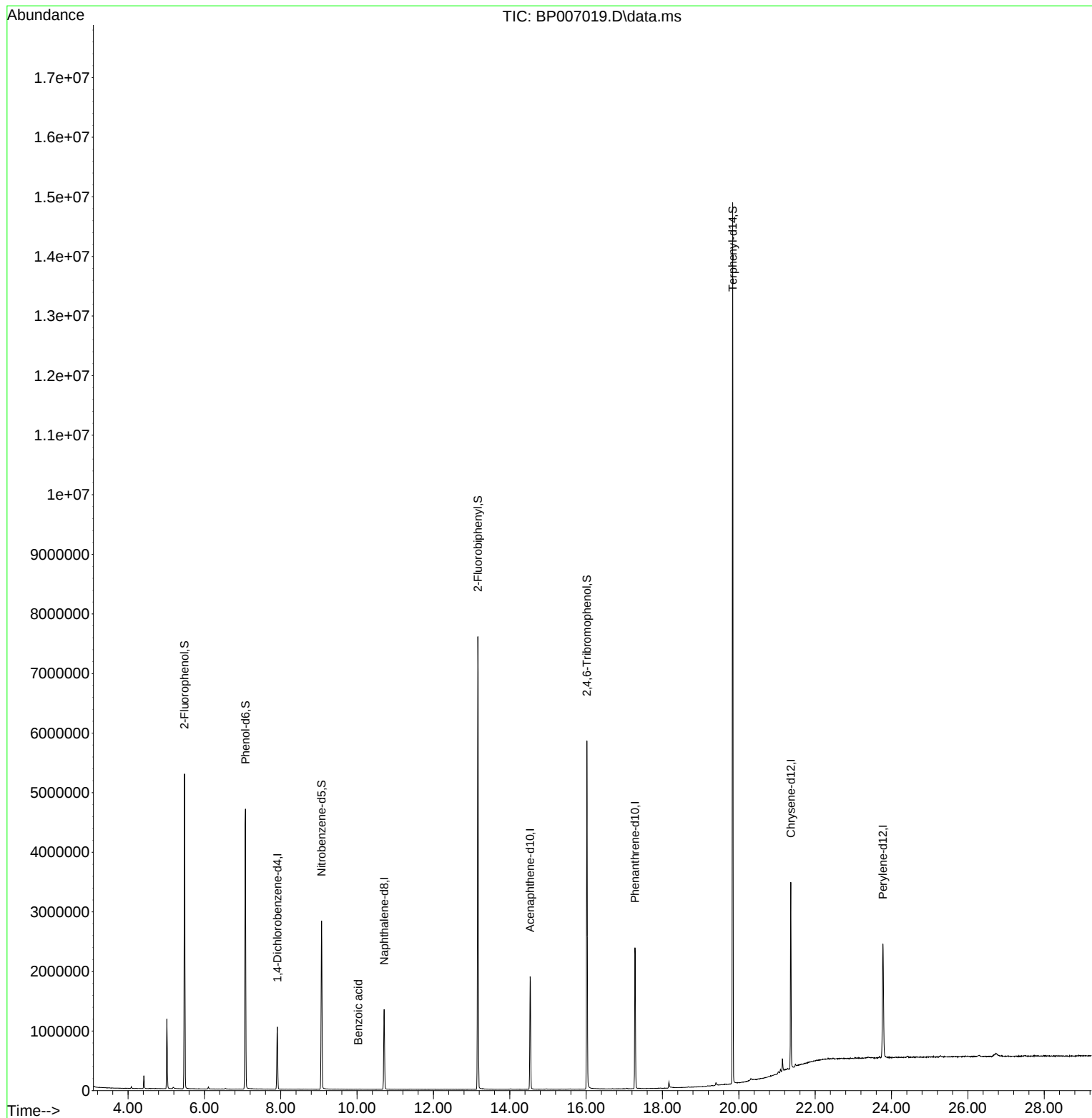
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	291215	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1120876	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	674009	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	1451400	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1430251	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1446140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2375187	133.184	ng	0.00
7) Phenol-d6	7.075	99	2885443	118.539	ng	0.00
23) Nitrobenzene-d5	9.069	82	1627750	81.563	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1071758	132.222	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4019537	82.328	ng	0.00
79) Terphenyl-d14	19.839	244	6624813	88.869	ng	0.00
Target Compounds						
9) Benzaldehyde	7.075	77	5018	Below Cal	#	7
32) Benzoic acid	10.034	122	128	6.105	ng	# 48

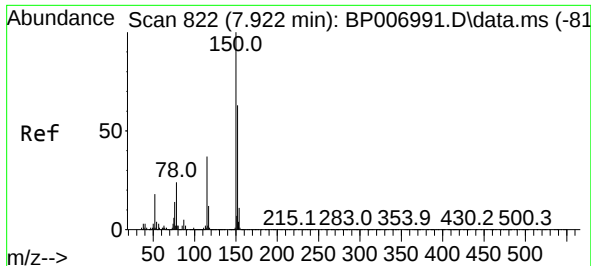
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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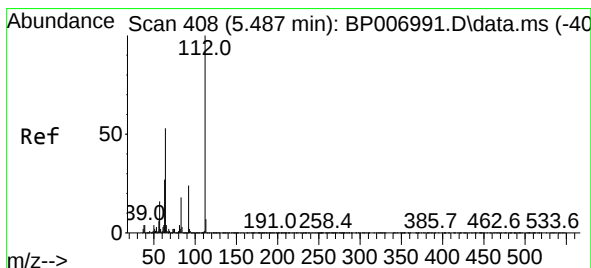
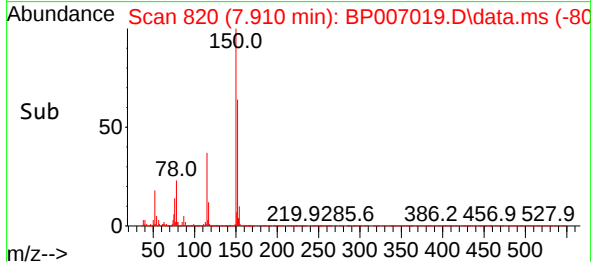
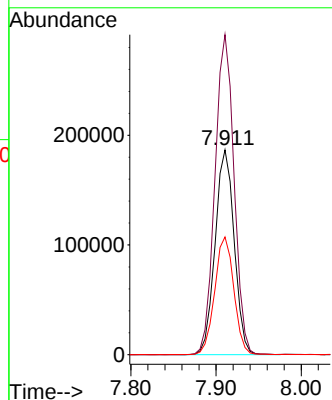
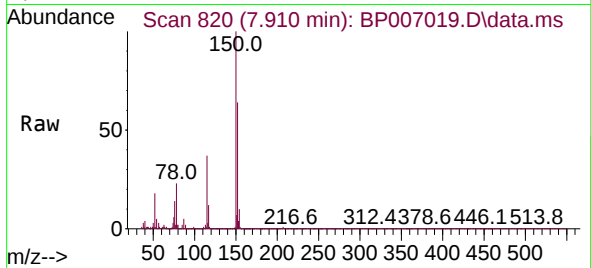




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

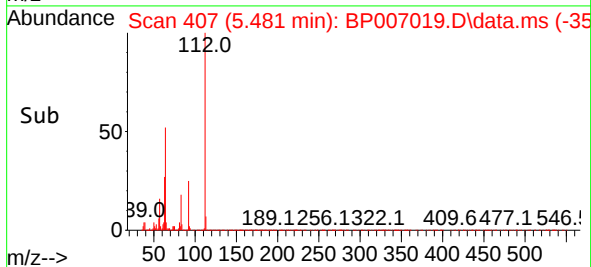
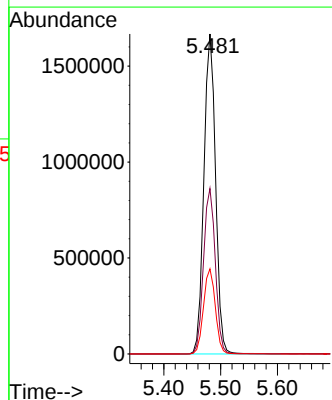
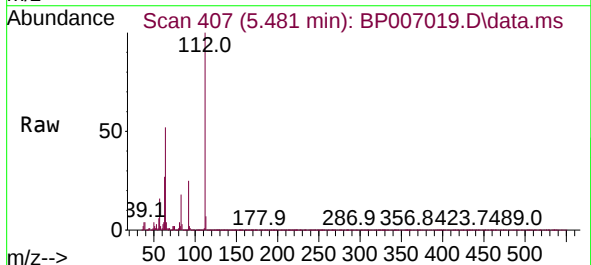
Instrument :
BNA_P
ClientSampleId :
PB139068TB

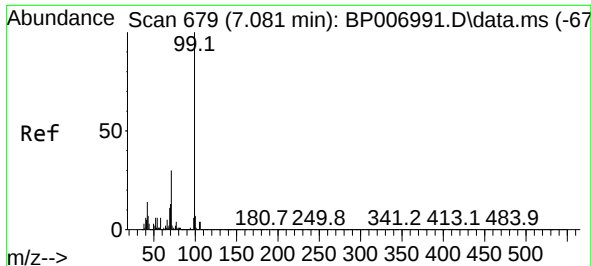
Tgt Ion:152 Resp: 291215
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 57.5 48.5 72.7



#5
2-Fluorophenol
Concen: 133.184 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

Tgt Ion:112 Resp: 2375187
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 26.6 23.8 35.8

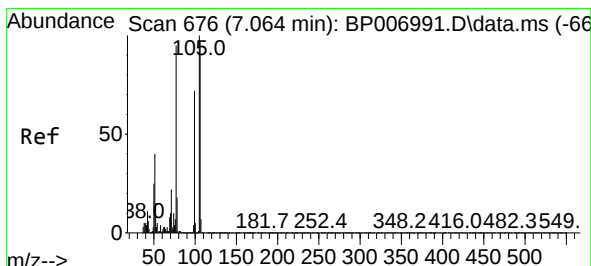
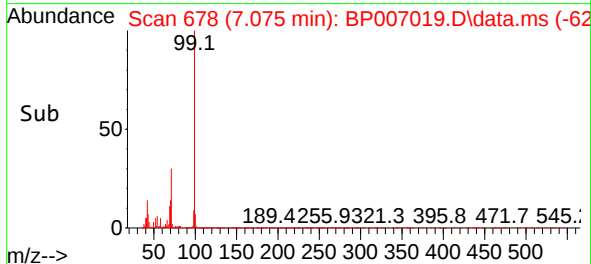
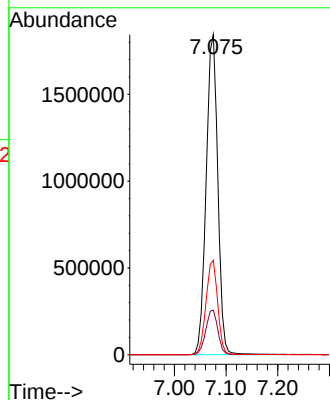
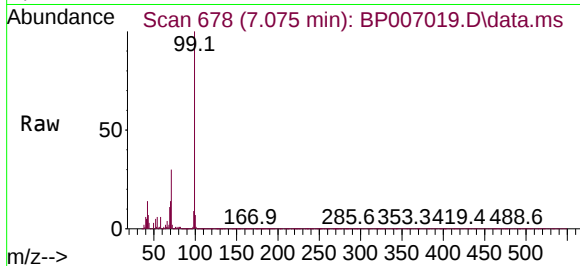




#7
Phenol-d6
Concen: 118.539 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

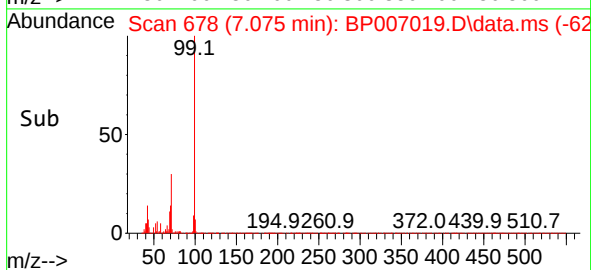
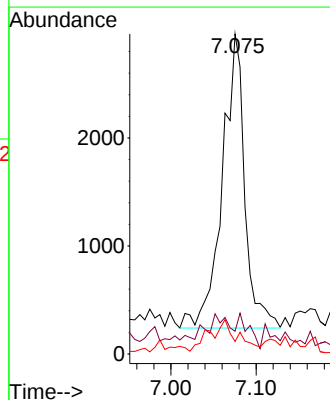
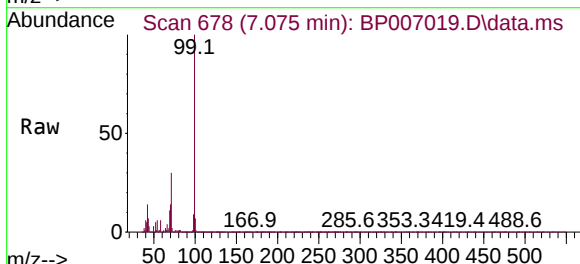
Instrument :
BNA_P
ClientSampleId :
PB139068TB

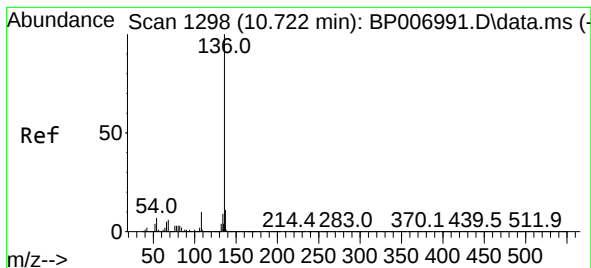
Tgt Ion: 99 Resp: 2885443
Ion Ratio Lower Upper
99 100
42 13.9 13.4 20.0
71 29.5 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.075 min Scan# 678
Delta R.T. 0.029 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

Tgt Ion: 77 Resp: 5018
Ion Ratio Lower Upper
77 100
105 7.1 76.7 116.7#
106 3.9 76.2 116.2#

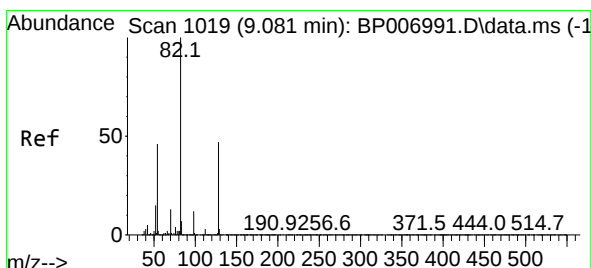
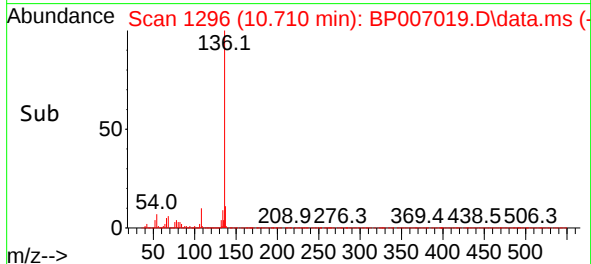
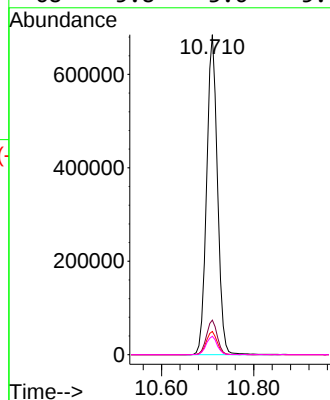
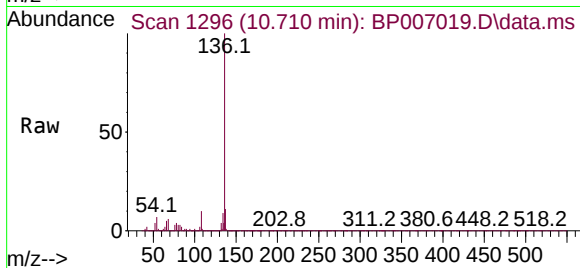




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

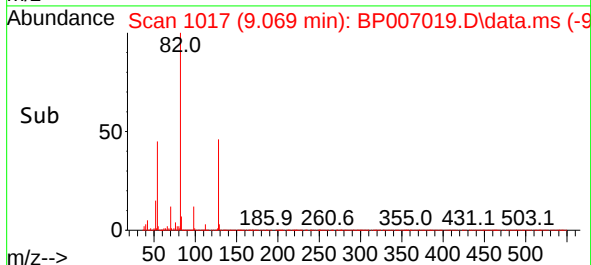
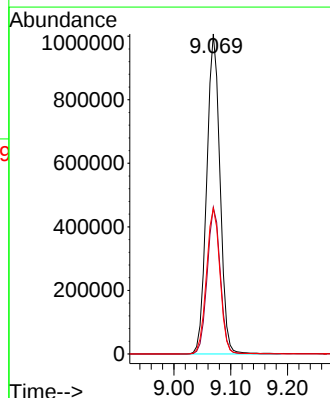
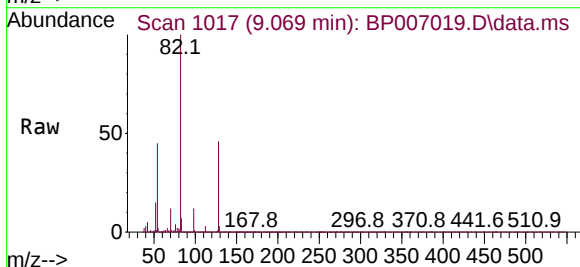
Instrument :
BNA_P
ClientSampleId :
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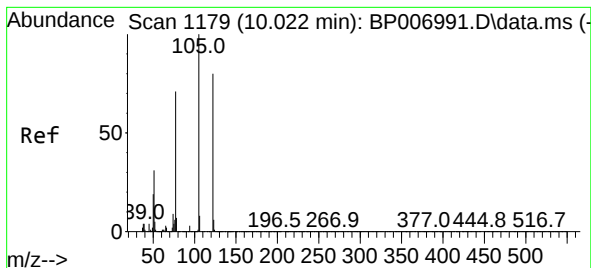
Tgt Ion:136 Resp: 1120876
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.2 4.6 6.8#
68 5.8 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 81.563 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

Tgt Ion: 82 Resp: 1627750
Ion Ratio Lower Upper
82 100
128 45.9 35.7 53.5
54 45.5 35.0 52.4

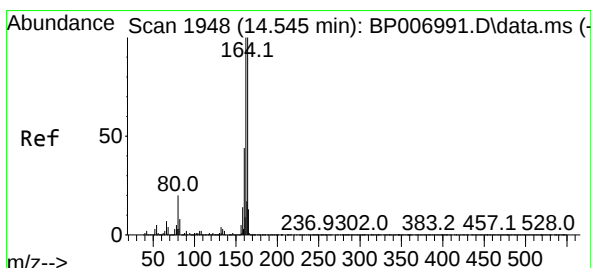
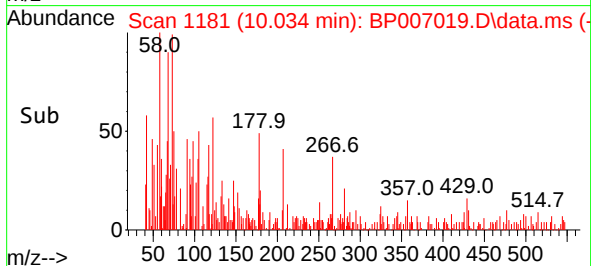
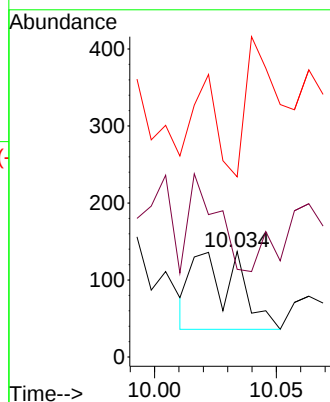
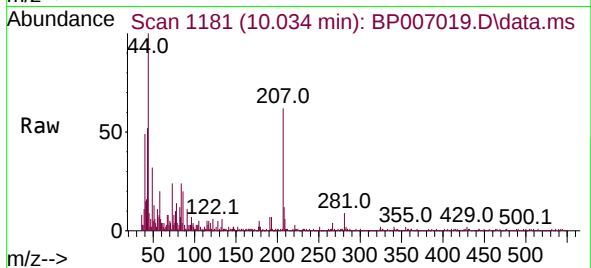




#32
Benzoic acid
Concen: 6.105 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.024 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

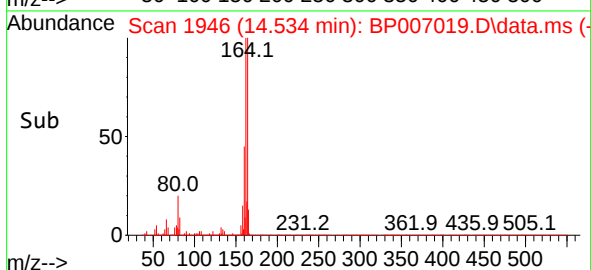
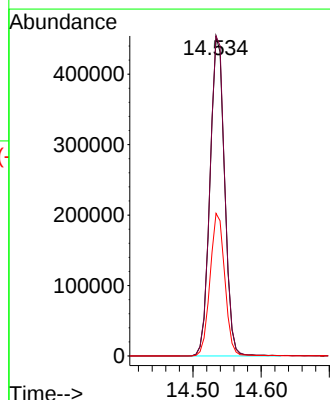
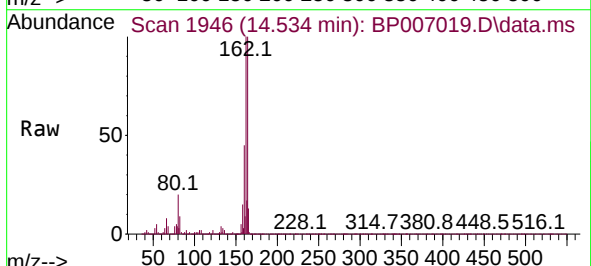
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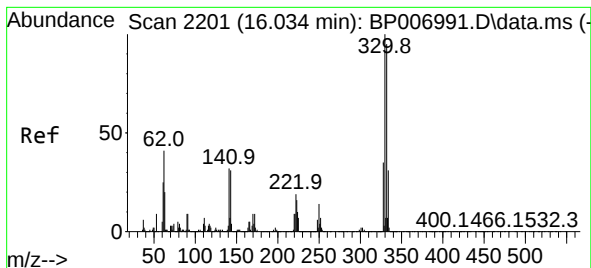
Tgt Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 80.3 103.2 143.2#
77 164.8 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

Tgt Ion:164 Resp: 674009
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 44.6 34.5 51.7

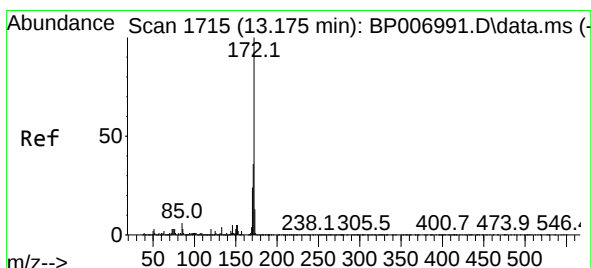
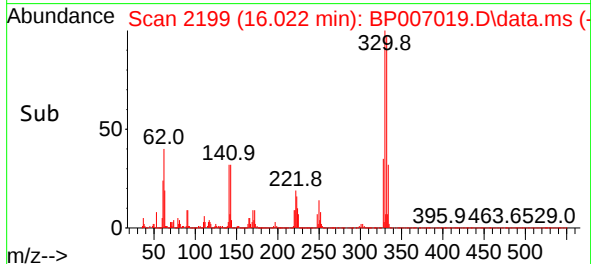
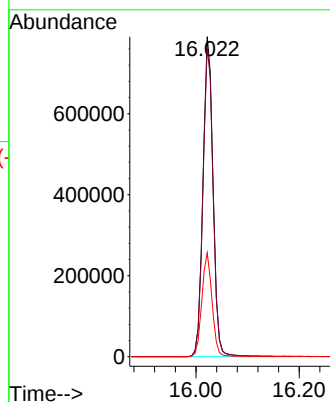
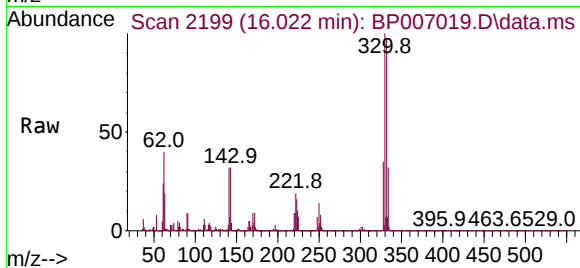




#42
2,4,6-Tribromophenol
Concen: 132.222 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

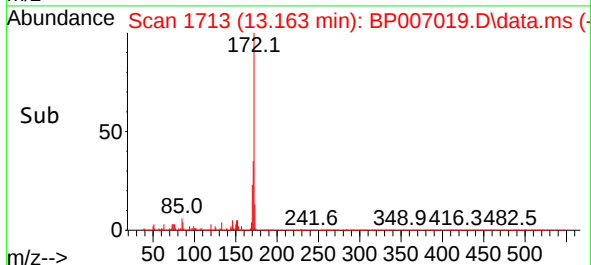
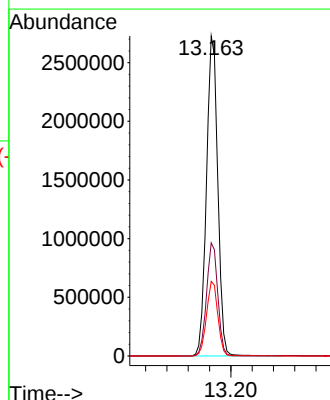
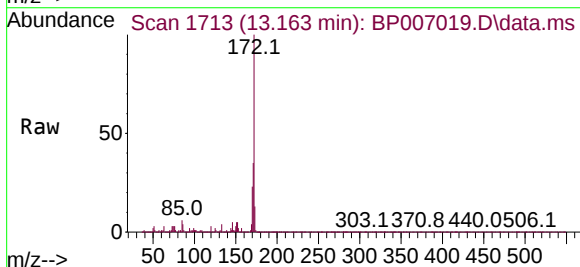
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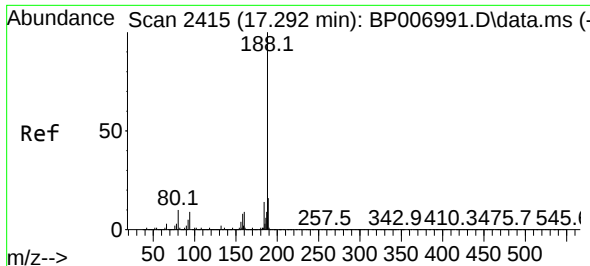
Tgt Ion:330 Resp: 1071758
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 32.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 82.328 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

Tgt Ion:172 Resp: 4019537
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8

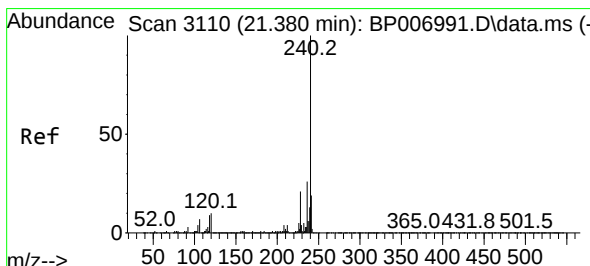
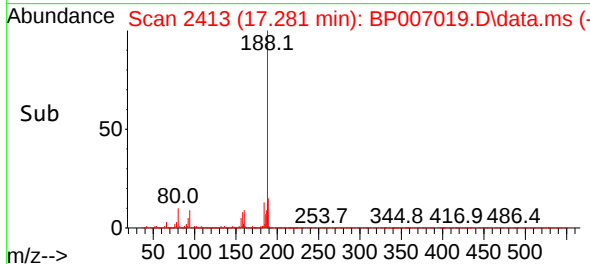
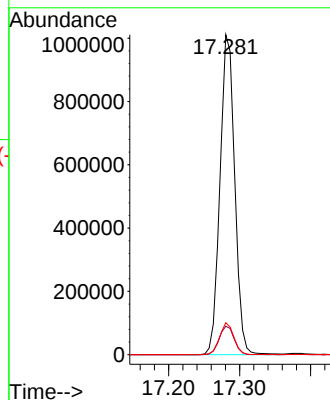
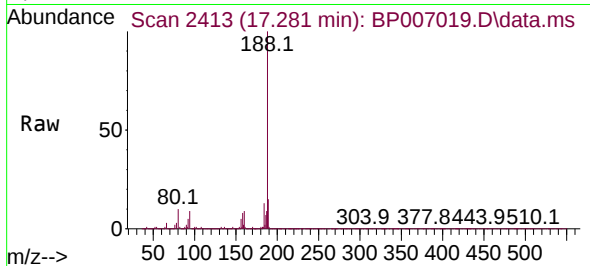




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

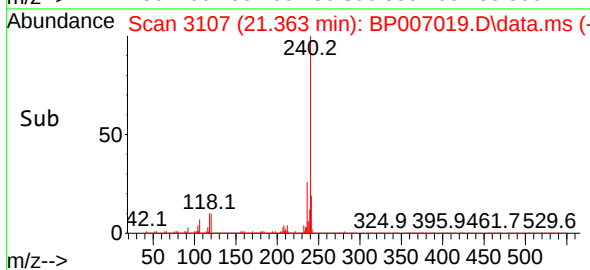
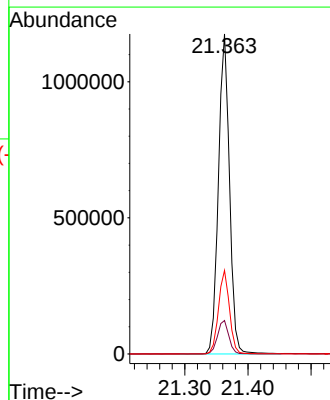
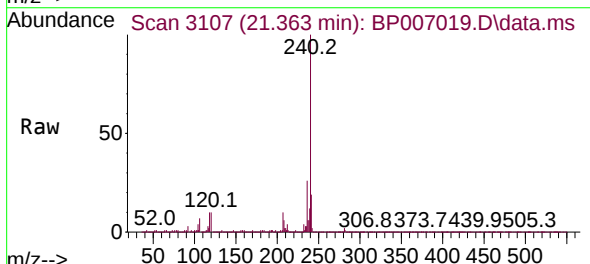
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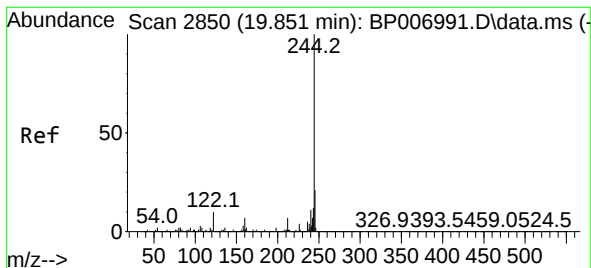
Tgt Ion:188 Resp: 1451400
Ion Ratio Lower Upper
188 100
94 8.9 5.6 8.4#
80 10.0 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP007019.D
Acq: 17 Sep 2021 10:16

Tgt Ion:240 Resp: 1430251
Ion Ratio Lower Upper
240 100
120 10.5 6.5 9.7#
236 26.1 20.6 31.0





#79

Terphenyl-d14

Concen: 88.869 ng

RT: 19.839 min Scan# 2848

Delta R.T. 0.000 min

Lab File: BP007019.D

Acq: 17 Sep 2021 10:16

Tgt Ion:244 Resp: 6624813

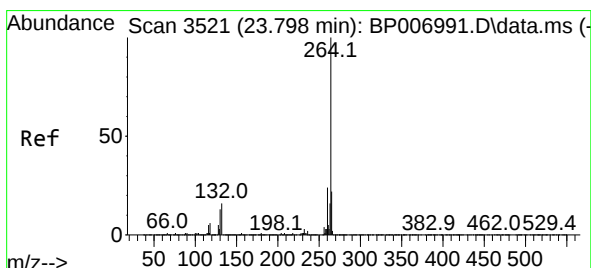
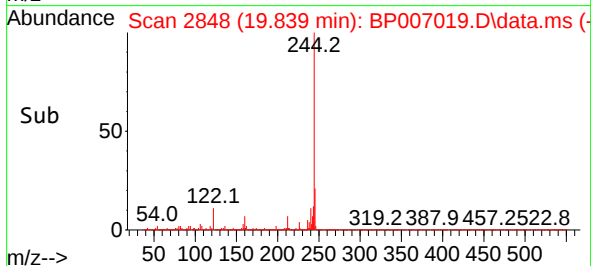
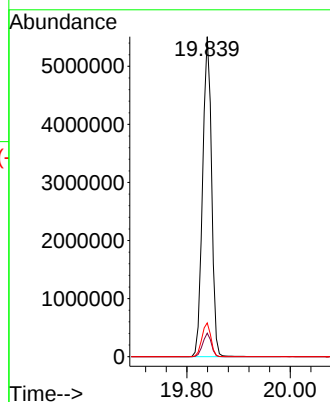
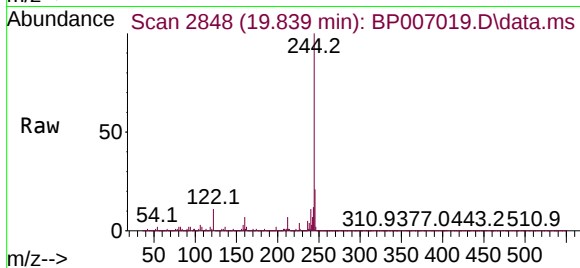
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.6	7.1	10.7

Instrument :

BNA_P

ClientSampleId :

PB139068TB



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.006 min

Lab File: BP007019.D

Acq: 17 Sep 2021 10:16

Tgt Ion:264 Resp: 1446140

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.5	17.6	26.4

