

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006697.D
 Acq On : 16 Aug 2021 23:11
 Operator : CG/JU
 Sample : M3425-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22S

Quant Time: Aug 17 02:04:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

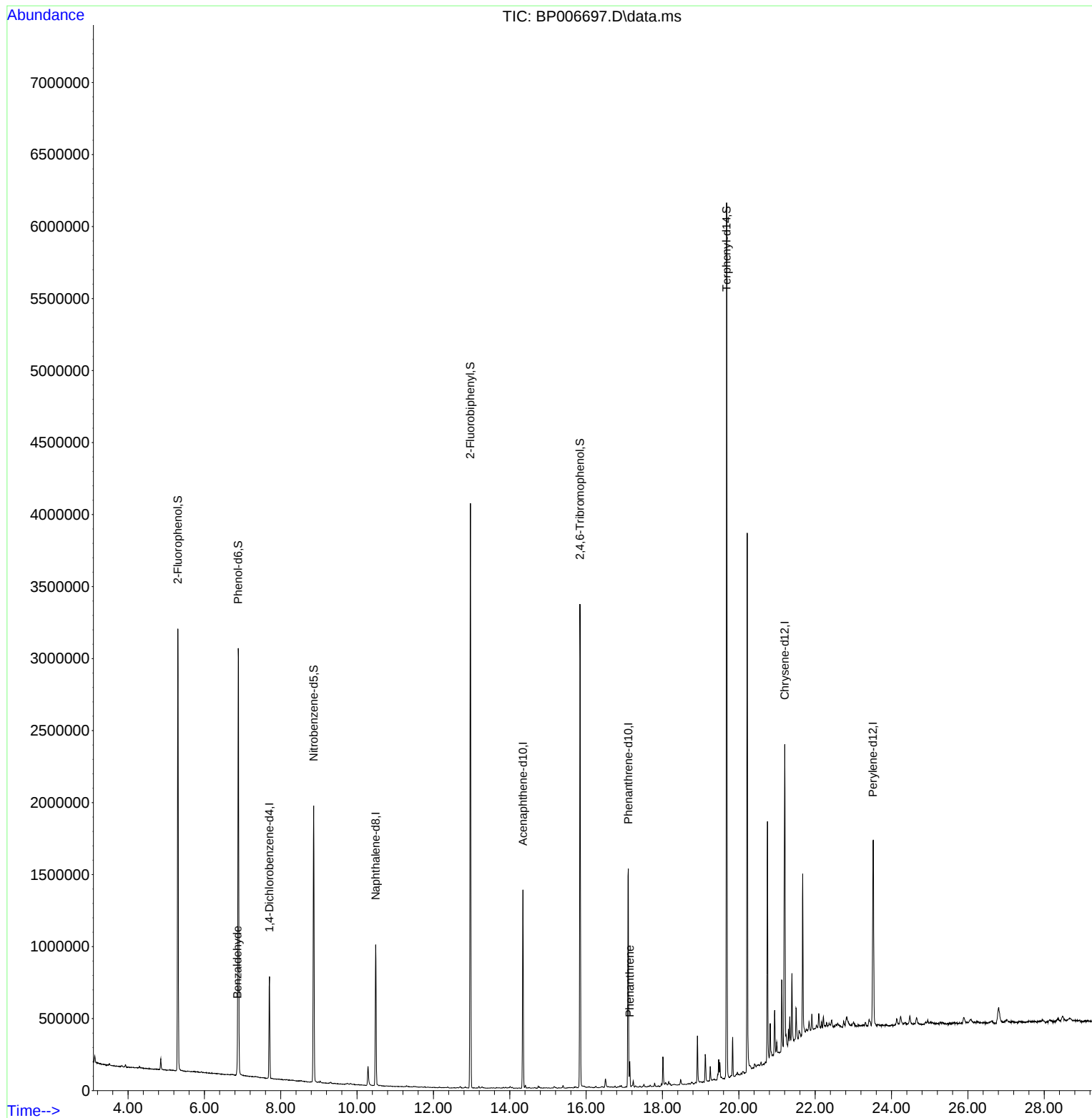
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	171761	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	731216	20.000	ng	# 0.00
39) Acenaphthene-d10	14.346	164	401721	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	796893	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	799167	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	850813	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1246579	111.473	ng	0.00
7) Phenol-d6	6.887	99	1623136	102.178	ng	0.00
23) Nitrobenzene-d5	8.863	82	1116186	70.458	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	458420	109.189	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	1793108	66.781	ng	0.00
79) Terphenyl-d14	19.681	244	2355170	59.052	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.864	77	39283	4.109	ng	91
71) Phenanthrene	17.145	178	93683	2.084	ng	99

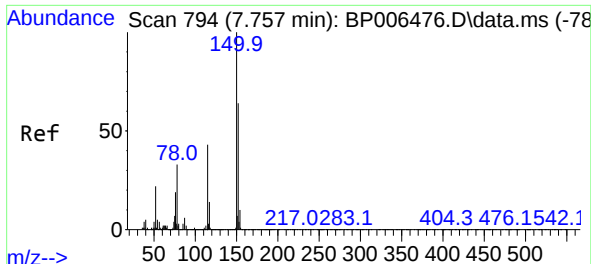
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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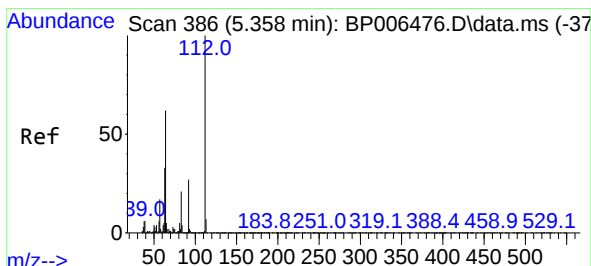
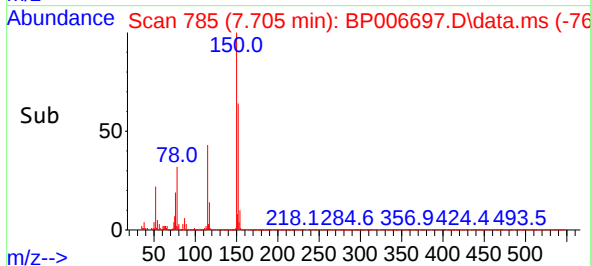
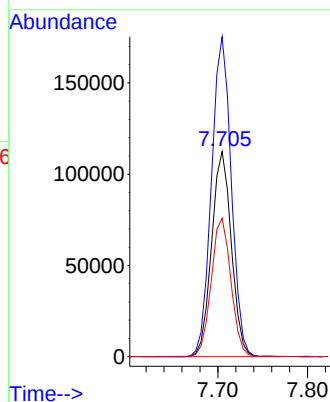
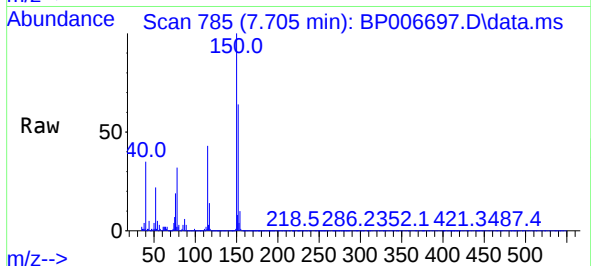




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

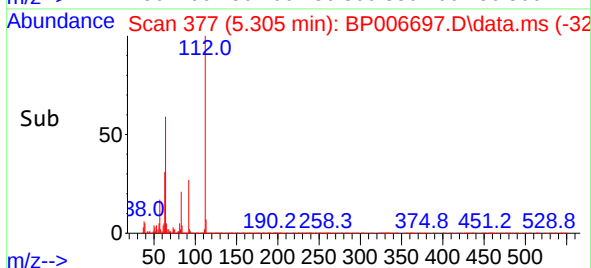
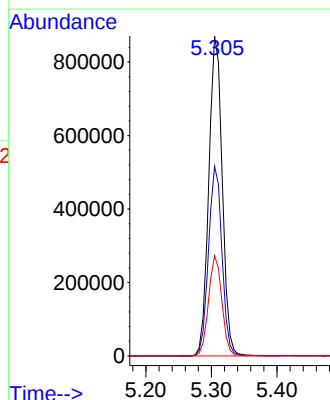
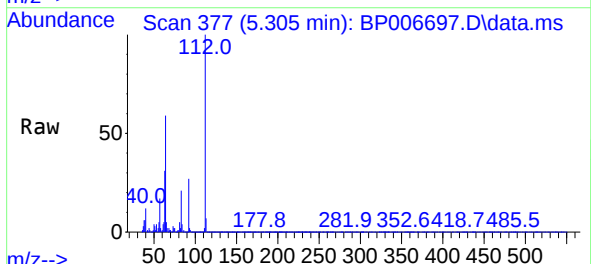
Instrument :
BNA_P
ClientSampleId :
22S

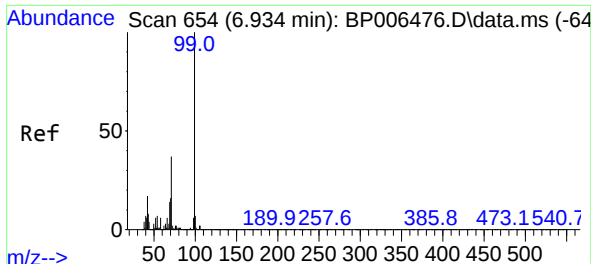
Tgt Ion:152 Resp: 171761
Ion Ratio Lower Upper
152 100
150 155.9 125.6 188.4
115 67.4 48.5 72.7



#5
2-Fluorophenol
Concen: 111.473 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

Tgt Ion:112 Resp: 1246579
Ion Ratio Lower Upper
112 100
64 59.3 41.4 62.2
63 31.3 23.8 35.8

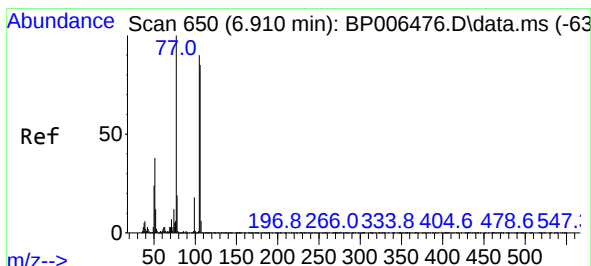
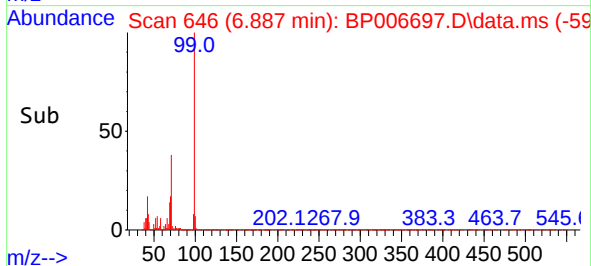
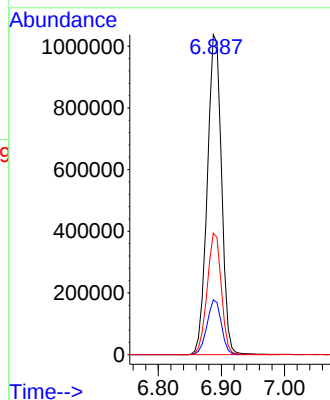
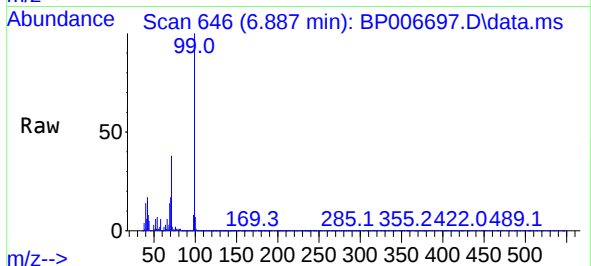




#7
Phenol-d6
Concen: 102.178 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

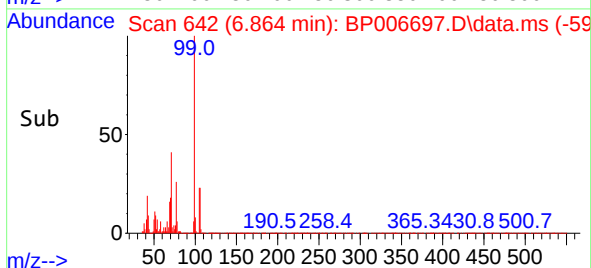
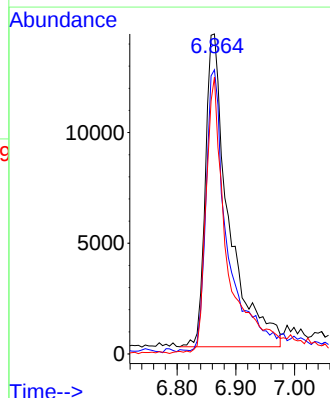
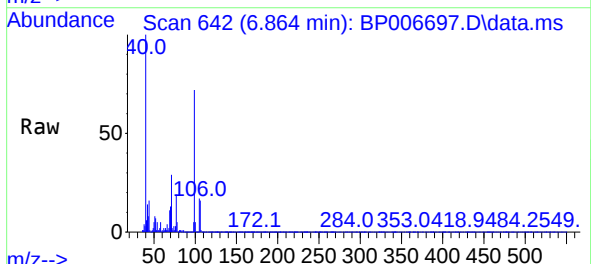
Instrument :
BNA_P
ClientSampled :
22S

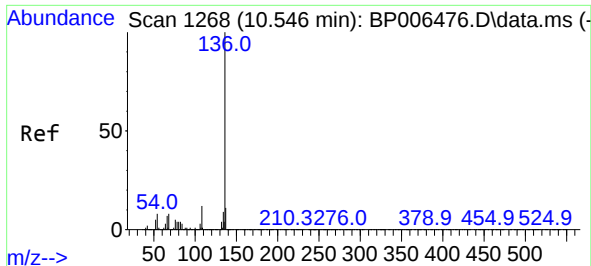
Tgt Ion: 99 Resp: 1623136
Ion Ratio Lower Upper
99 100
42 17.2 13.4 20.0
71 38.0 30.6 46.0



#9
Benzaldehyde
Concen: 4.109 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.006 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

Tgt Ion: 77 Resp: 39283
Ion Ratio Lower Upper
77 100
105 88.8 76.7 116.7
106 86.5 76.2 116.2

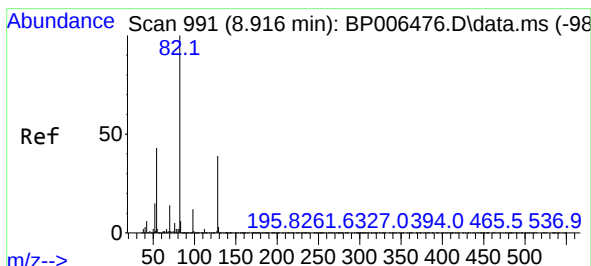
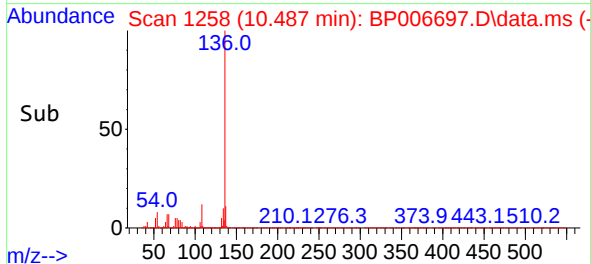
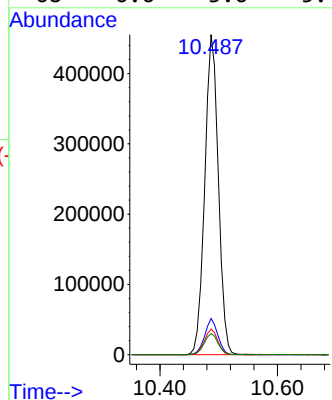
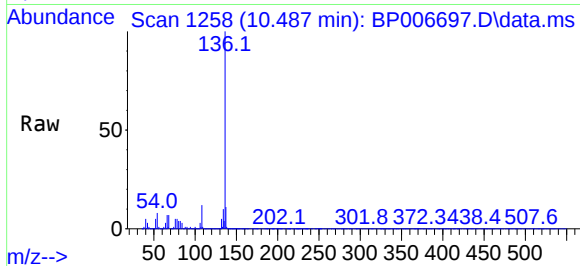




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

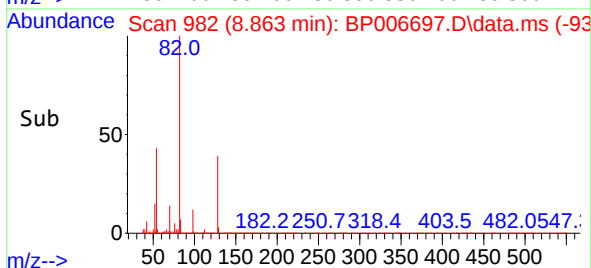
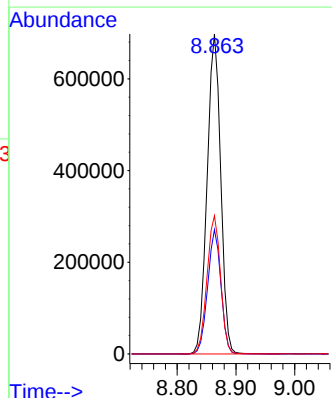
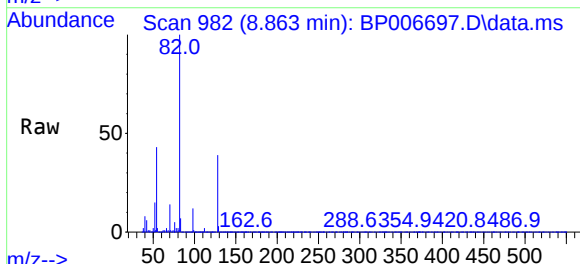
Instrument :
BNA_P
ClientSampleId :
22S

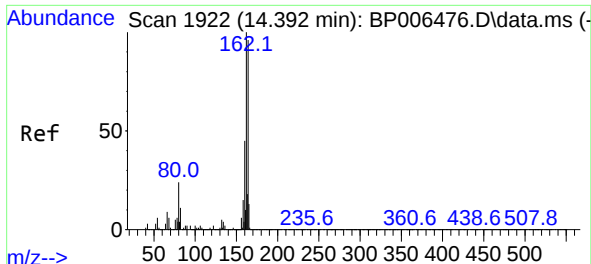
Tgt Ion:	136	Resp:	731216
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.0	4.6	6.8#
68	6.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 70.458 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

Tgt Ion:	82	Resp:	1116186
Ion	Ratio	Lower	Upper
82	100		
128	38.9	35.7	53.5
54	43.2	35.0	52.4

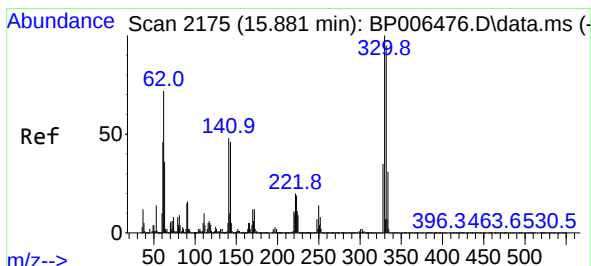
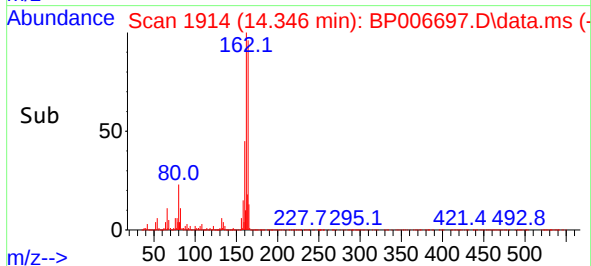
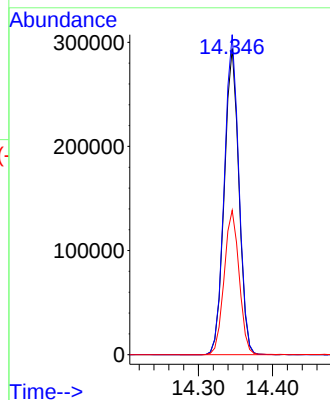
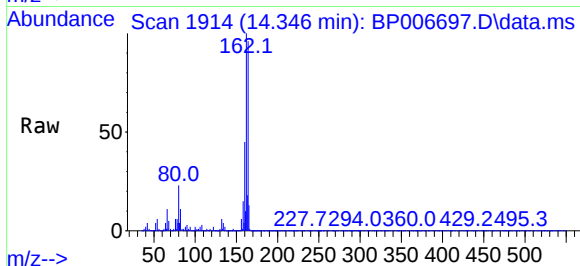




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.346 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

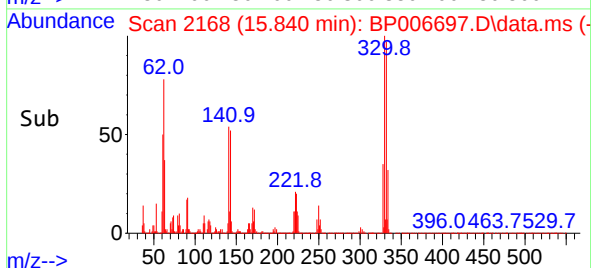
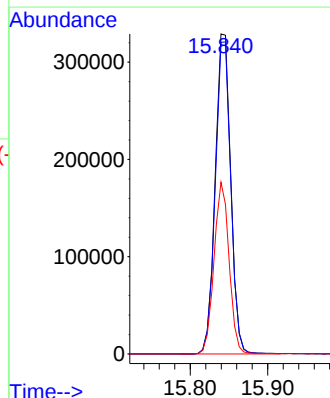
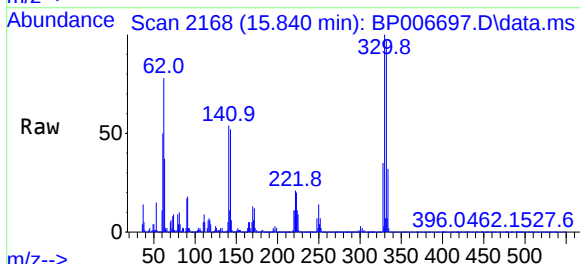
Instrument :
BNA_P
ClientSampled :
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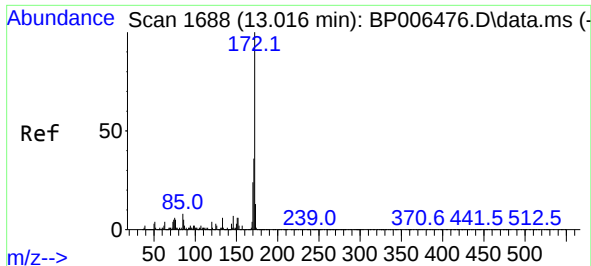
Tgt Ion:164 Resp: 401721
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 47.1 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 109.189 ng
RT: 15.840 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

Tgt Ion:330 Resp: 458420
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 52.2 25.4 38.2#

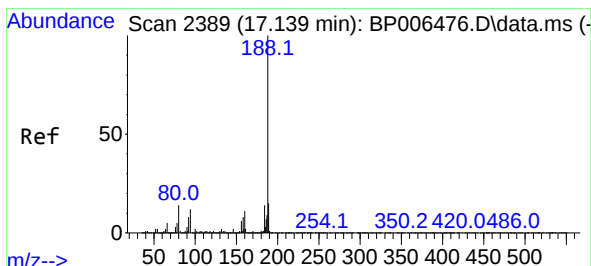
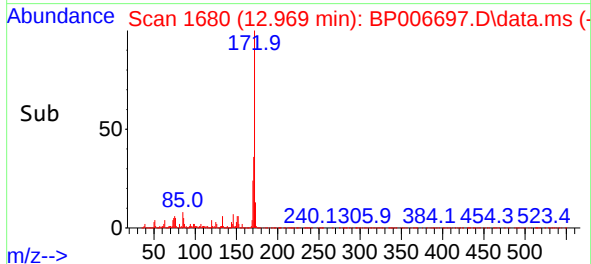
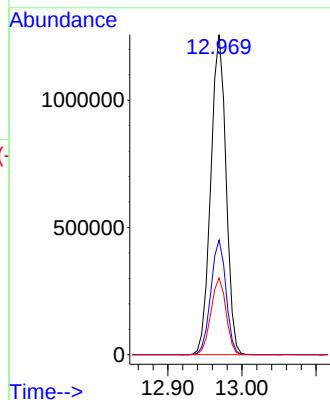
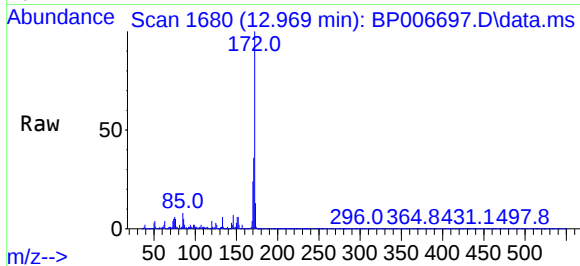




#45
2-Fluorobiphenyl
Concen: 66.781 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

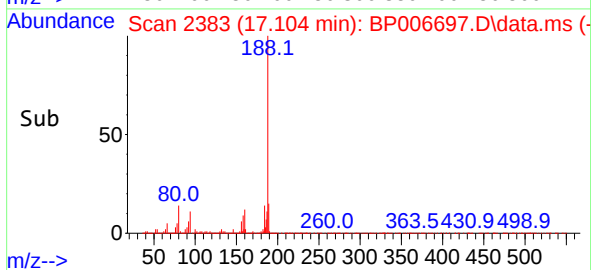
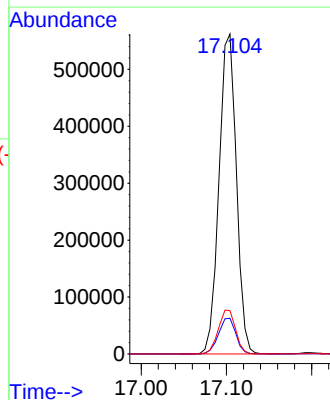
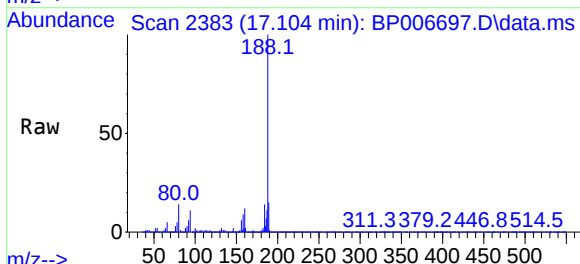
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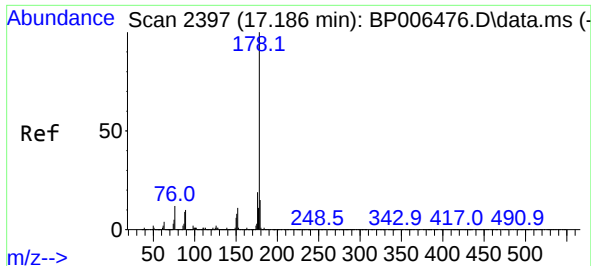
Tgt Ion:172 Resp: 1793108
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.0 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

Tgt Ion:188 Resp: 796893
Ion Ratio Lower Upper
188 100
94 11.1 5.6 8.4#
80 13.6 6.3 9.5#

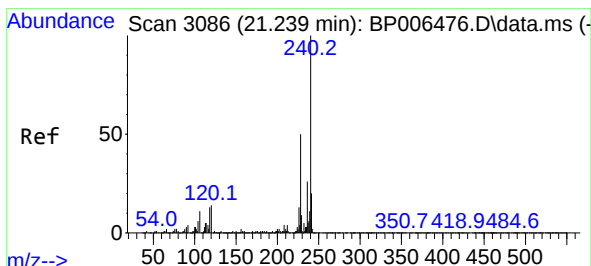
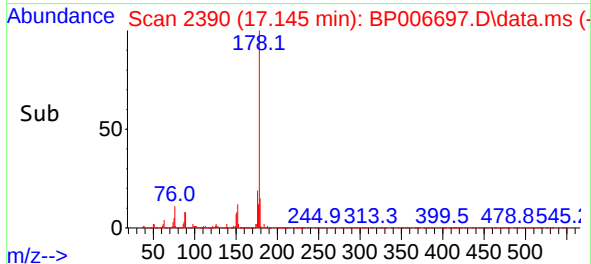
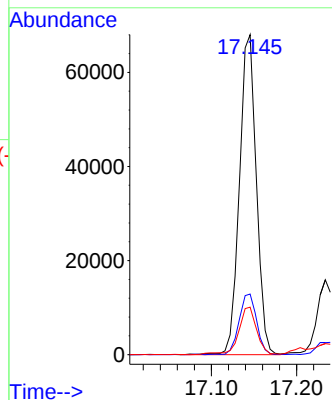
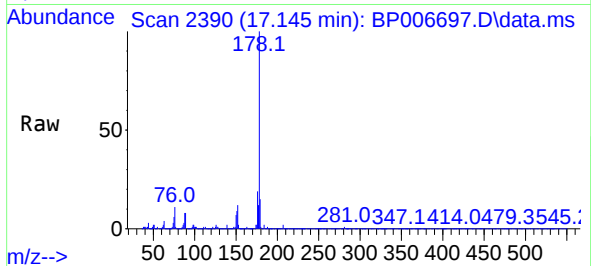




#71
Phenanthrene
Concen: 2.084 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

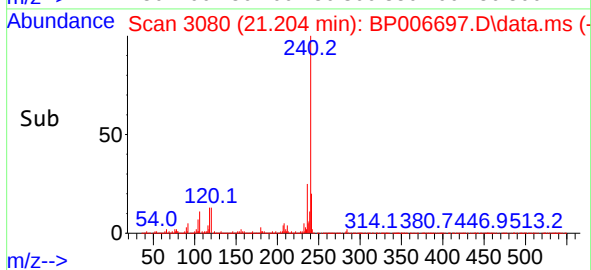
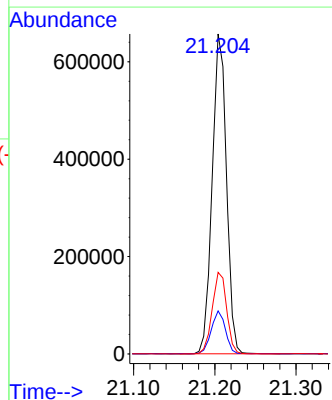
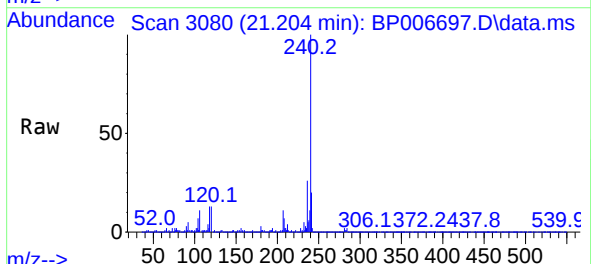
Instrument :
BNA_P
ClientSampled :
22S

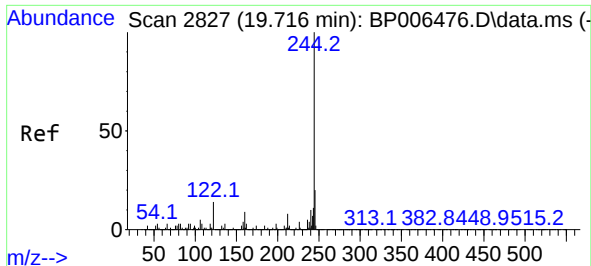
Tgt Ion:178 Resp: 93683
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 14.9 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

Tgt Ion:240 Resp: 799167
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.5 20.6 31.0

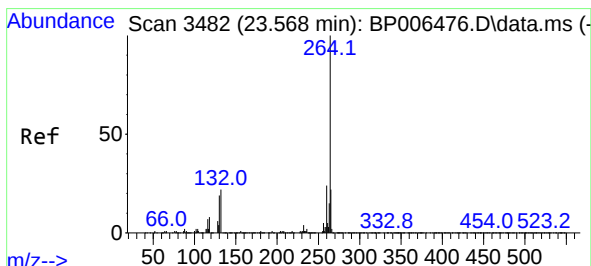
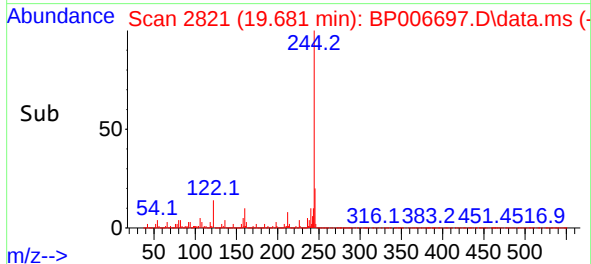
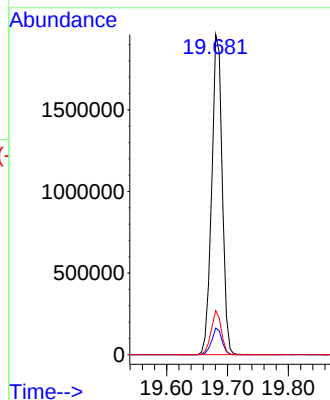
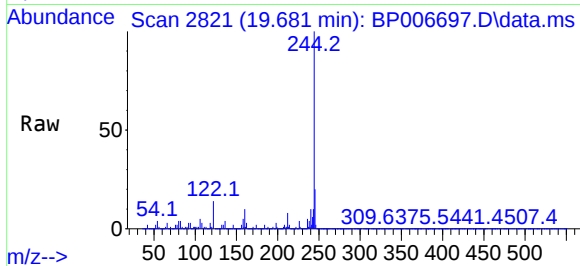




#79
Terphenyl-d14
Concen: 59.052 ng
RT: 19.681 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

Instrument :
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ClientSampleId :
22S

Tgt Ion:244 Resp: 2355170
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 13.8 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006697.D
Acq: 16 Aug 2021 23:11

Tgt Ion:264 Resp: 850813
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.6 17.6 26.4

