

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007849.D
 Acq On : 04 Nov 2021 15:47
 Operator : CG/JU
 Sample : M4434-13 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2004

Quant Time: Nov 07 11:14:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

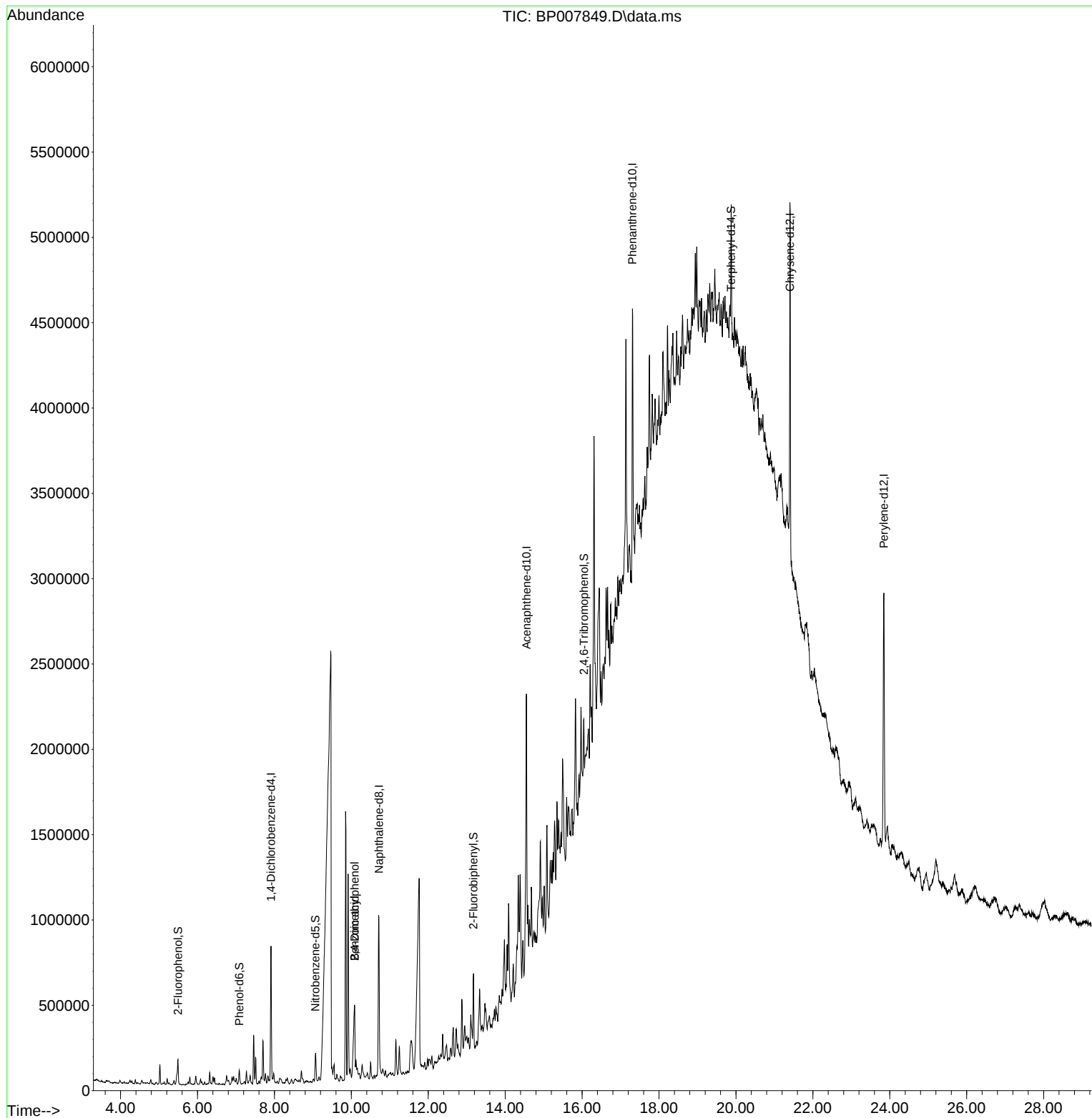
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	205979	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	739164	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	471050	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	932222	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1057777	20.000	ng	-0.01
86) Perylene-d12	23.845	264	1198977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	58079	4.782	ng	0.00
7) Phenol-d6	7.087	99	47187	2.684	ng	0.00
23) Nitrobenzene-d5	9.063	82	84458	6.138	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	61417	9.136	ng	-0.01
45) 2-Fluorobiphenyl	13.175	172	214186	6.622	ng	-0.02
79) Terphenyl-d14	19.874	244	331933	6.390	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.375	88	1124	Below Cal	Qvalue #	1
27) 2,4-Dimethylphenol	10.087	122	254578	24.981 ng	#	4
32) Benzoic acid	10.087	122	254578	28.980 ng		100

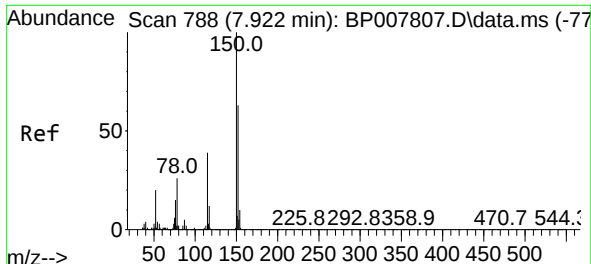
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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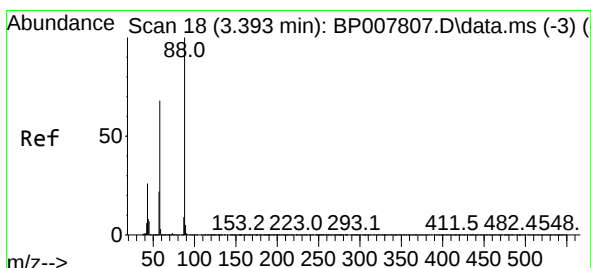
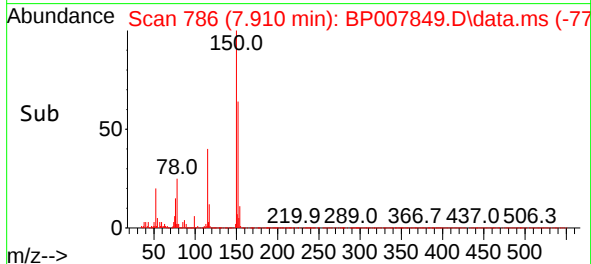
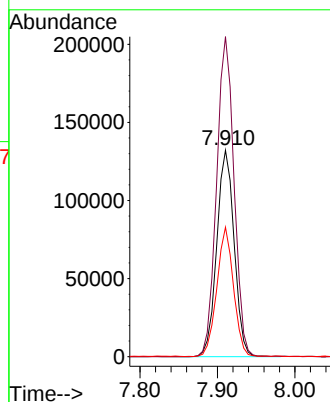
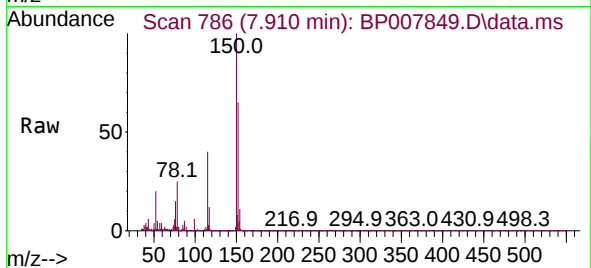




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 7
 Delta R.T. -0.012 min
 Lab File: BP007849.D
 Acq: 04 Nov 2021 15:47

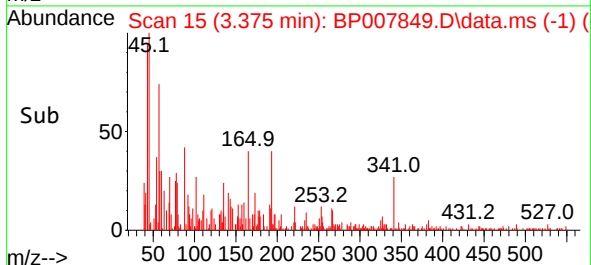
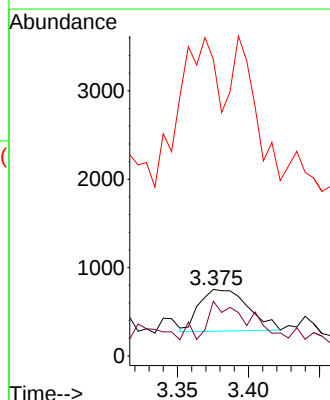
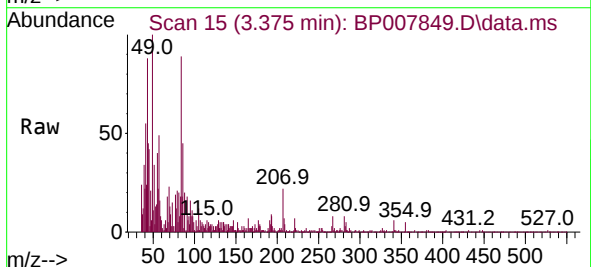
Instrument :
 BNA_P
 ClientSampleId :
 2004

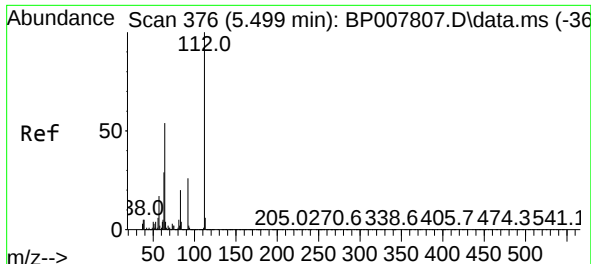
Tgt Ion:152 Resp: 205979
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.1 186.1
 115 62.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.375 min Scan# 15
 Delta R.T. -0.018 min
 Lab File: BP007849.D
 Acq: 04 Nov 2021 15:47

Tgt Ion: 88 Resp: 1124
 Ion Ratio Lower Upper
 88 100
 58 79.8 58.1 87.1
 43 282.4 22.2 33.4#

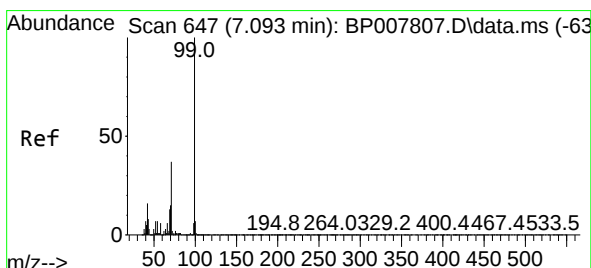
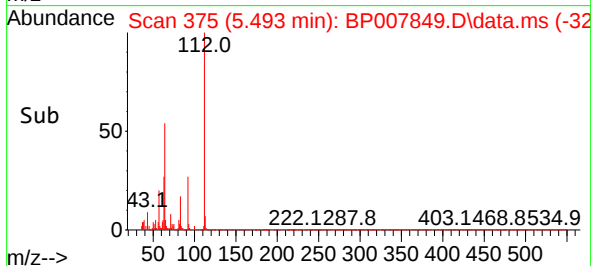
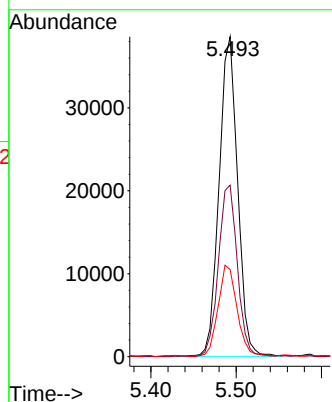
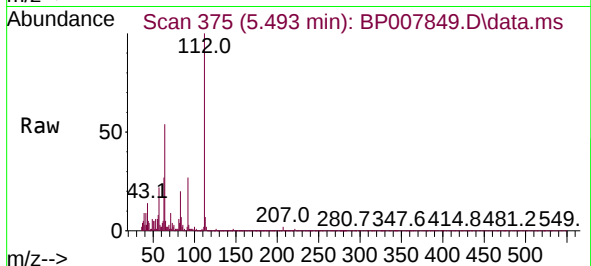




#5
2-Fluorophenol
Concen: 4.782 ng
RT: 5.493 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

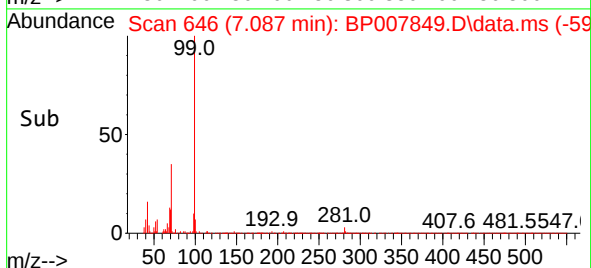
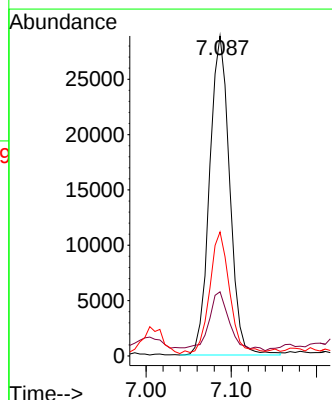
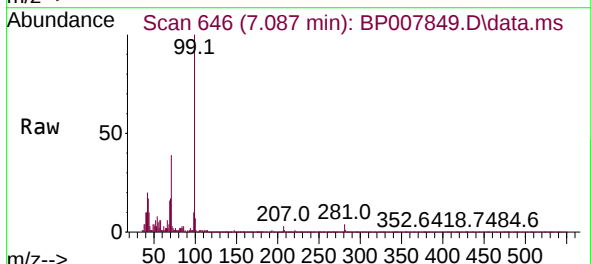
Instrument :
BNA_P
ClientSampleId :
2004

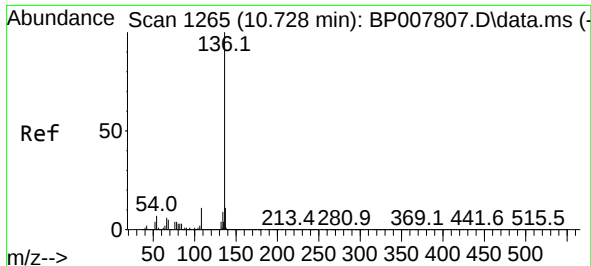
Tgt Ion:112 Resp: 58079
Ion Ratio Lower Upper
112 100
64 53.6 46.6 70.0
63 27.2 25.0 37.6



#7
Phenol-d6
Concen: 2.684 ng
RT: 7.087 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

Tgt Ion: 99 Resp: 47187
Ion Ratio Lower Upper
99 100
42 20.0 14.9 22.3
71 38.8 29.2 43.8

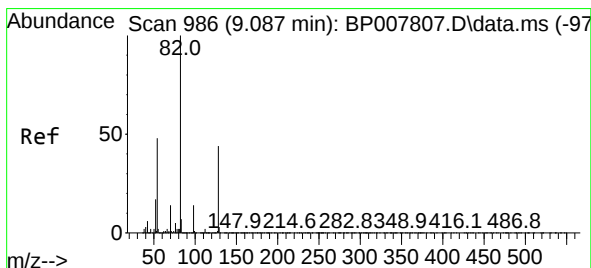
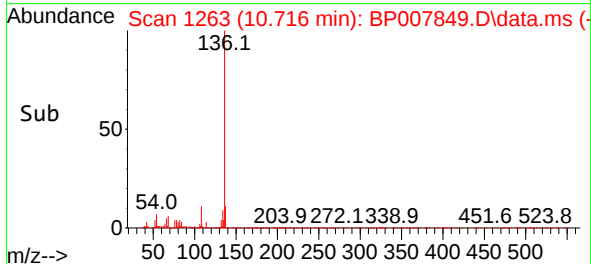
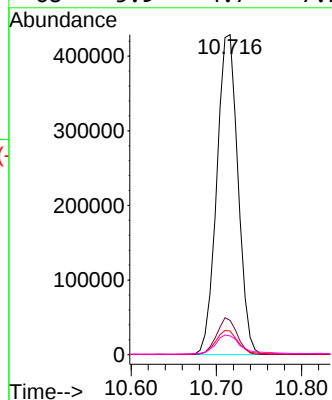
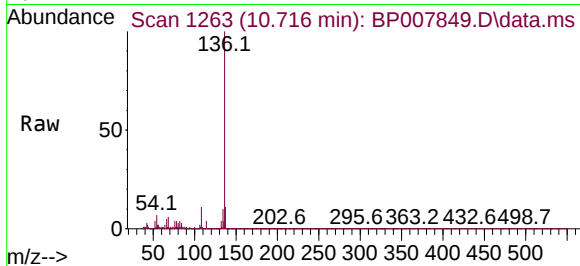




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

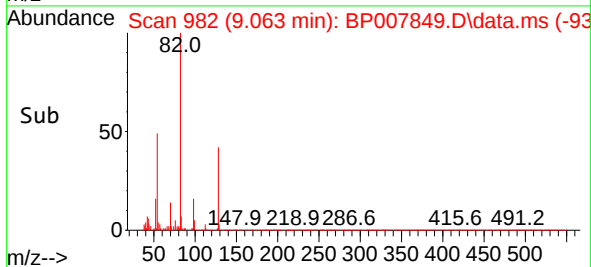
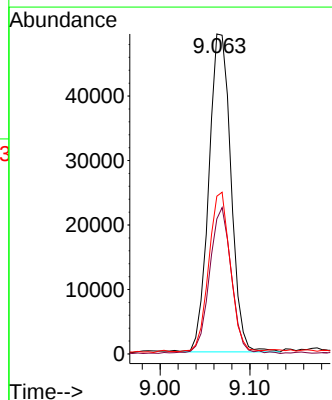
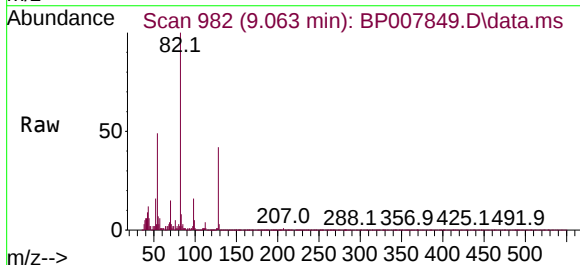
Instrument :
BNA_P
ClientSampleId :
2004

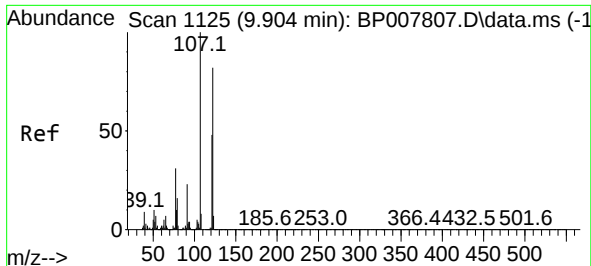
Tgt Ion:	136	Resp:	739164
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.4	6.2	9.4
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 6.138 ng
RT: 9.063 min Scan# 982
Delta R.T. -0.024 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

Tgt Ion:	82	Resp:	84458
Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.6	48.8
54	49.3	40.4	60.6

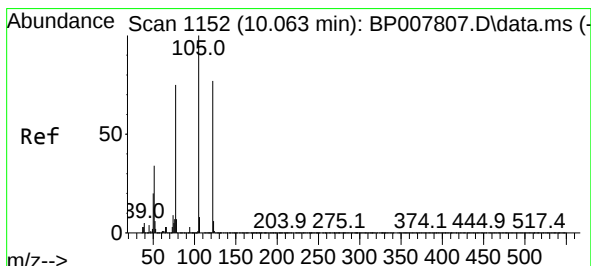
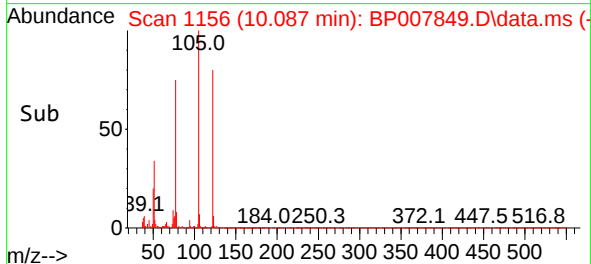
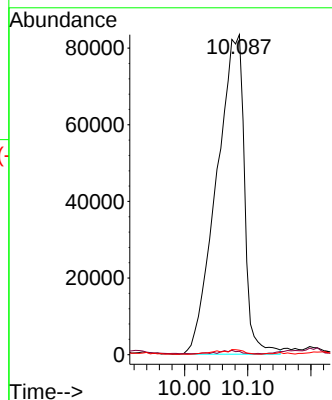
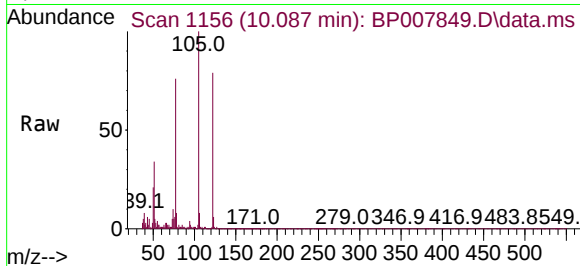




#27
2,4-Dimethylphenol
Concen: 24.981 ng
RT: 10.087 min Scan# 1156
Delta R.T. 0.182 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

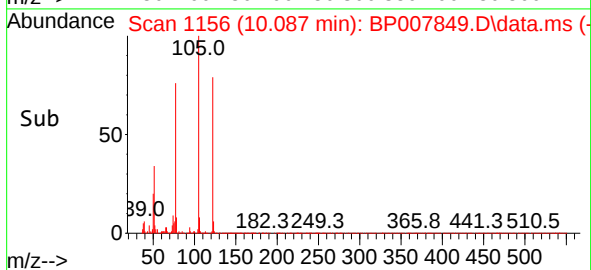
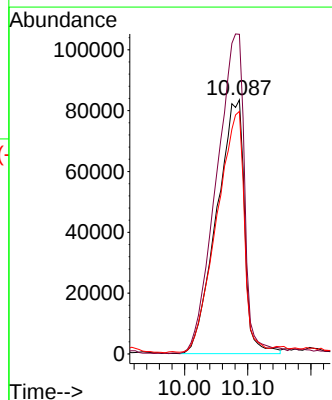
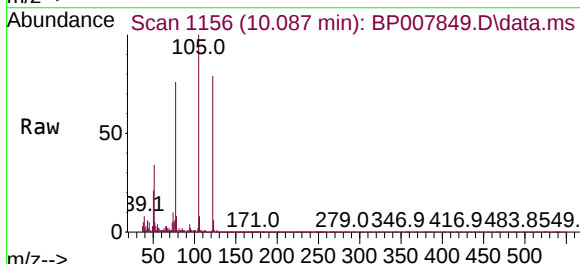
Instrument :
BNA_P
ClientSampleId :
2004

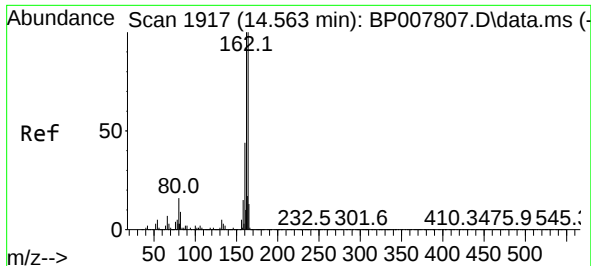
Tgt Ion:122 Resp: 254578
Ion Ratio Lower Upper
122 100
107 1.0 93.8 140.6#
121 1.4 47.0 70.4#



#32
Benzoic acid
Concen: 28.980 ng
RT: 10.087 min Scan# 1156
Delta R.T. 0.023 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

Tgt Ion:122 Resp: 254578
Ion Ratio Lower Upper
122 100
105 125.9 105.9 145.9
77 95.5 74.6 114.6

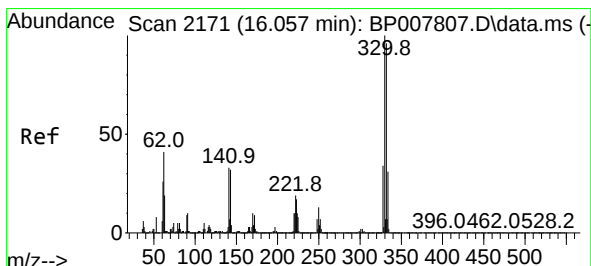
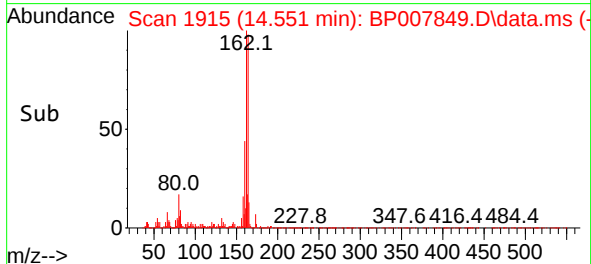
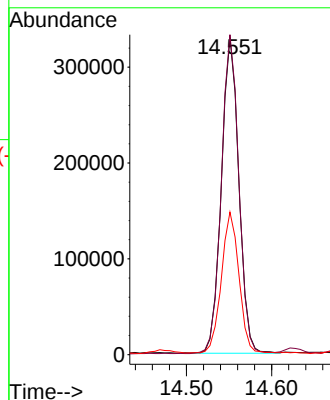
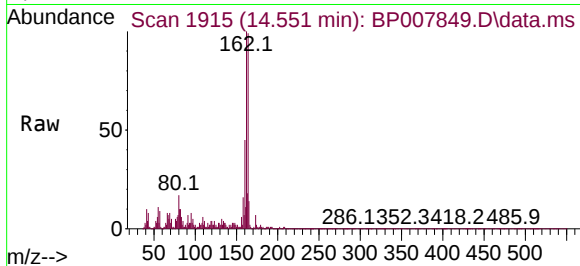




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

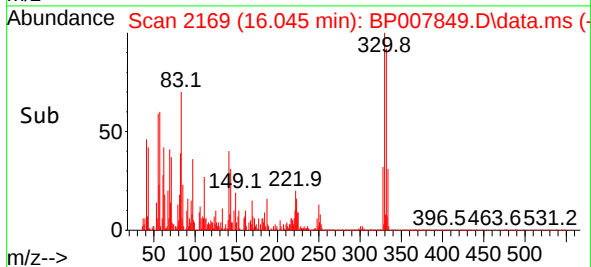
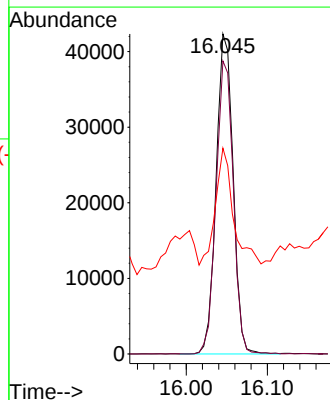
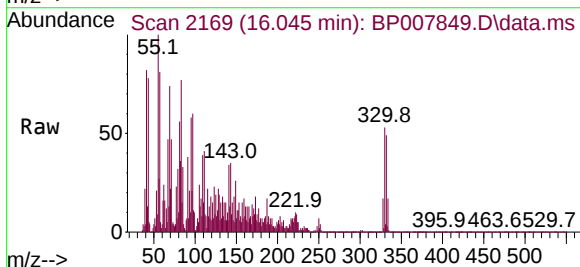
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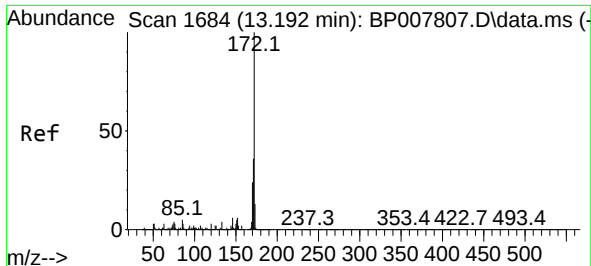
Tgt Ion:164 Resp: 471050
Ion Ratio Lower Upper
164 100
162 100.8 81.1 121.7
160 44.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 9.136 ng
RT: 16.045 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

Tgt Ion:330 Resp: 61417
Ion Ratio Lower Upper
330 100
332 93.1 78.9 118.3
141 38.0 30.7 46.1

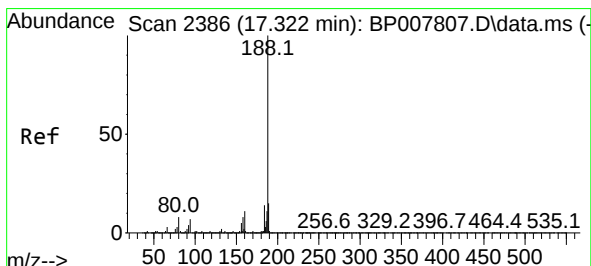
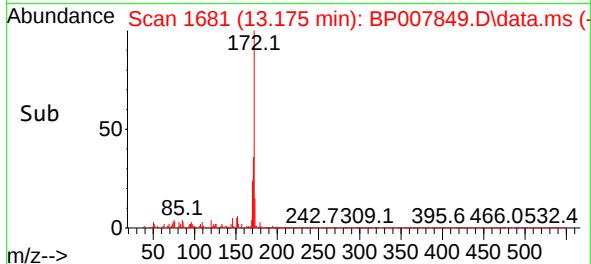
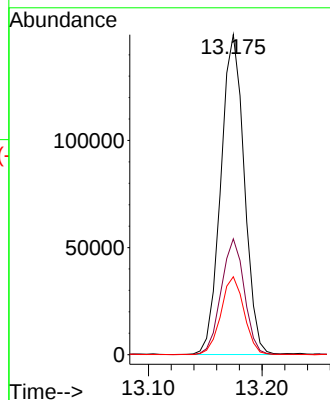
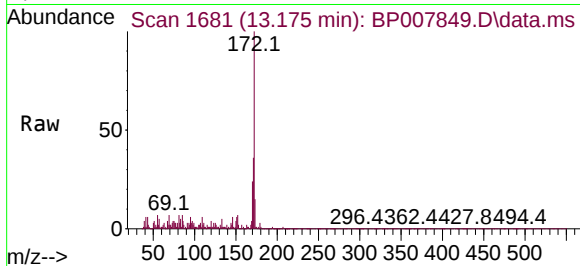




#45
2-Fluorobiphenyl
Concen: 6.622 ng
RT: 13.175 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

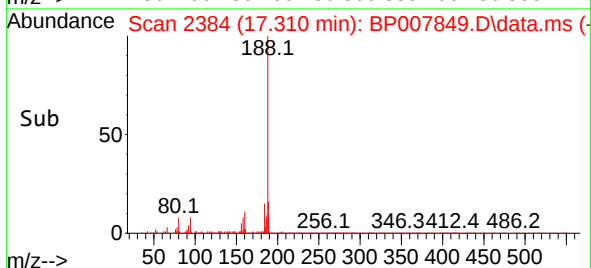
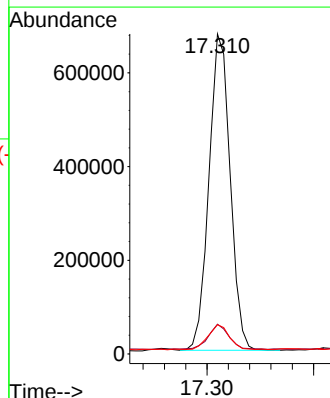
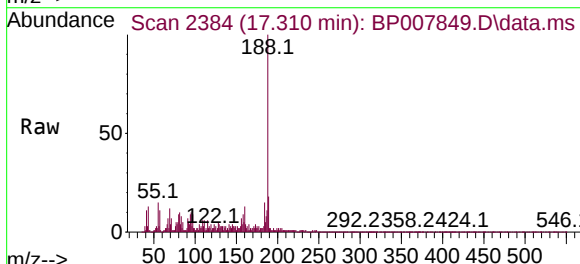
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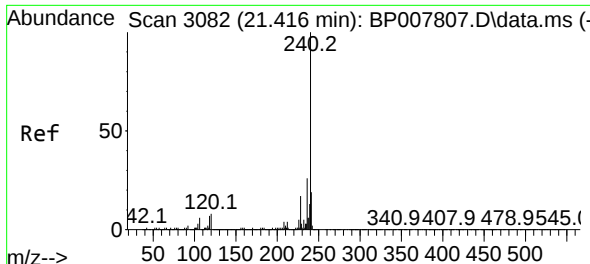
Tgt Ion:172 Resp: 214186
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 24.4 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

Tgt Ion:188 Resp: 932222
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.1 7.8 11.6

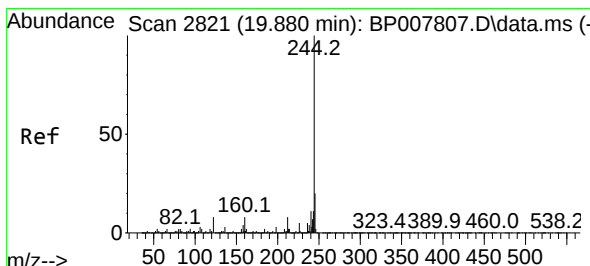
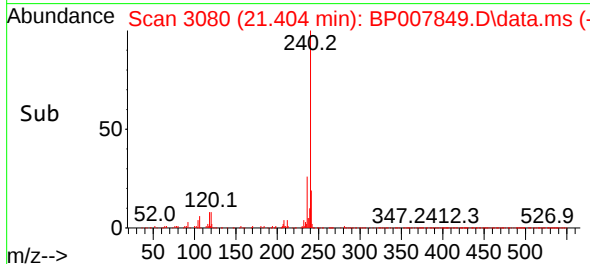
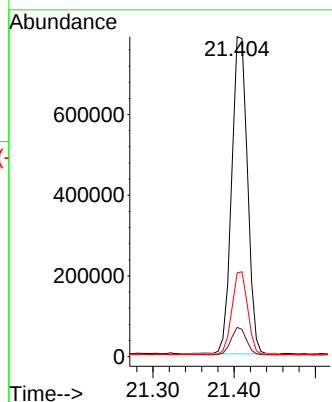
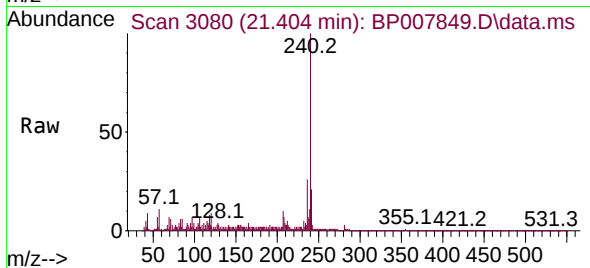




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

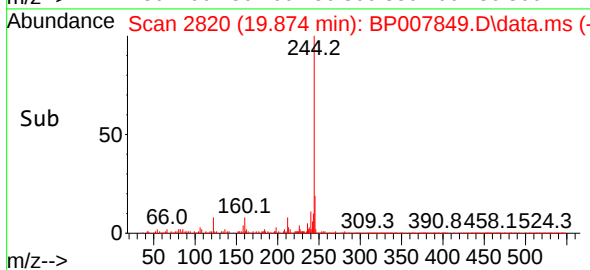
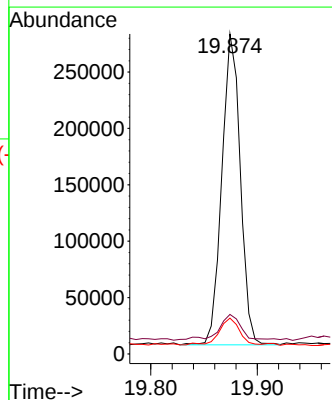
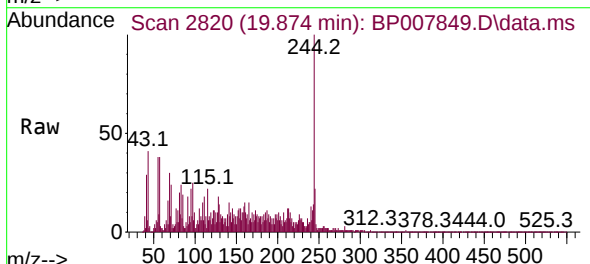
Instrument :
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2004

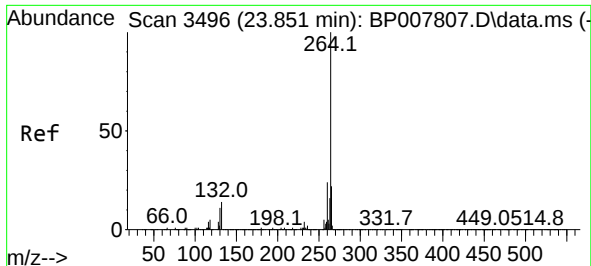
Tgt Ion:240 Resp: 1057777
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.8
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 6.390 ng
RT: 19.874 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP007849.D
Acq: 04 Nov 2021 15:47

Tgt Ion:244 Resp: 331933
Ion Ratio Lower Upper
244 100
212 12.3 6.2 9.2#
122 11.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.845 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BP007849.D
 Acq: 04 Nov 2021 15:47

Instrument :
 BNA_P
 ClientSampleId :
 2004

Tgt Ion:264 Resp: 1198977
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.2 16.7 25.1

