

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007114.D
 Acq On : 23 Sep 2021 00:17
 Operator : CG/JU
 Sample : M3871-02 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS02-BL-(0.0)

Quant Time: Sep 23 01:09:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	336629	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1314013	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	849668	20.000	ng	-0.01
64) Phenanthrene-d10	17.275	188	1754946	20.000	ng	0.00
76) Chrysene-d12	21.357	240	1700196	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1865002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	300145	14.925	ng	0.00
7) Phenol-d6	7.063	99	379274	13.799	ng	0.00
23) Nitrobenzene-d5	9.057	82	213793	9.475	ng	-0.01
42) 2,4,6-Tribromophenol	16.016	330	179373	16.284	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	612442	10.326	ng	-0.01
79) Terphenyl-d14	19.827	244	915471	10.318	ng	-0.01

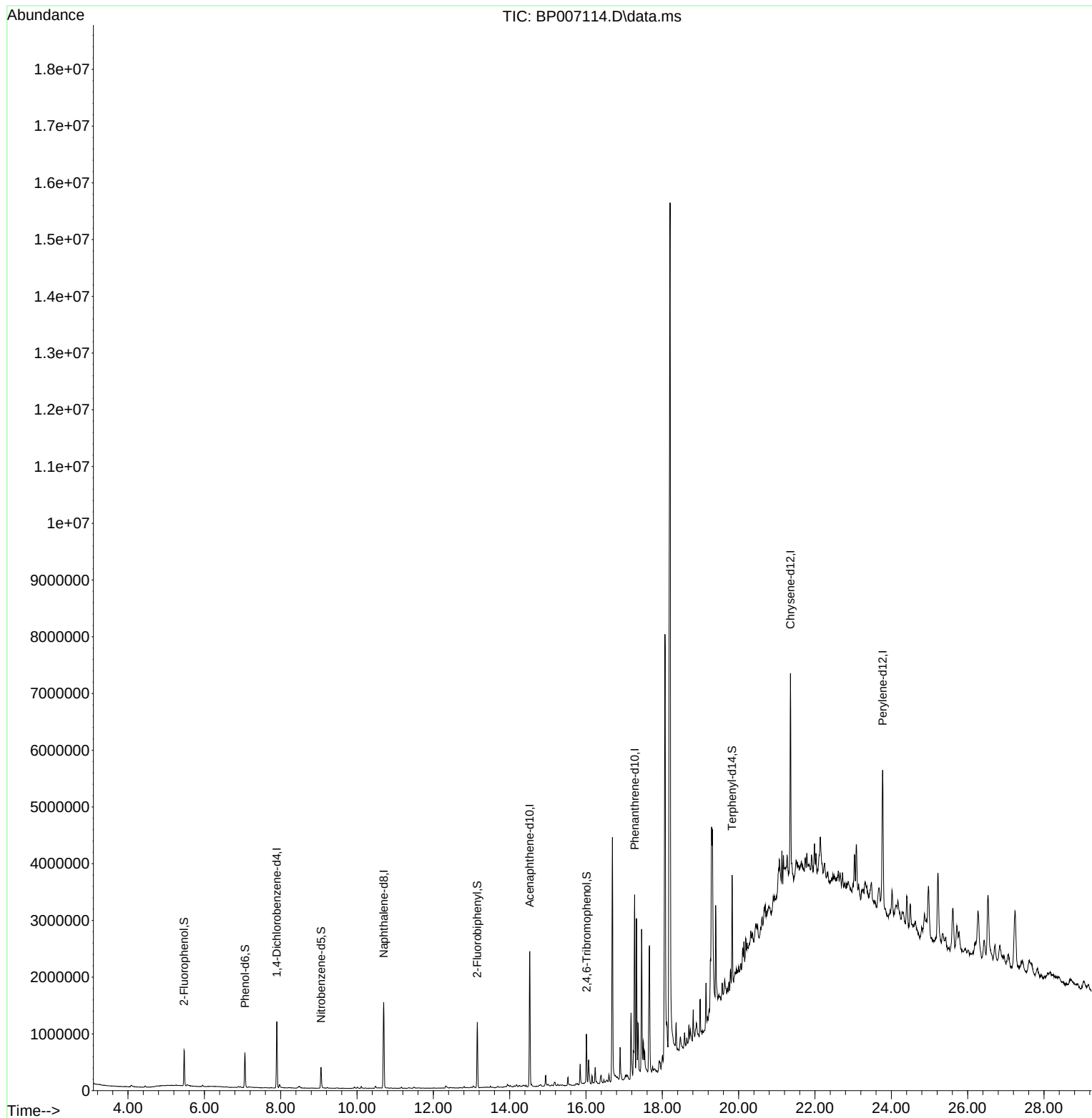
Target Compounds	Qvalue

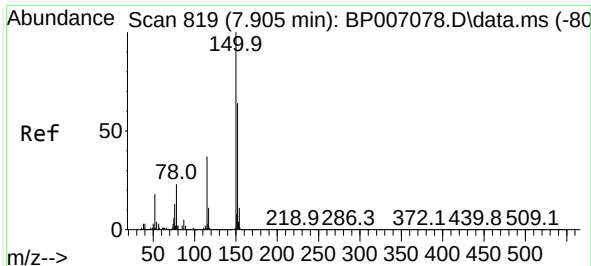
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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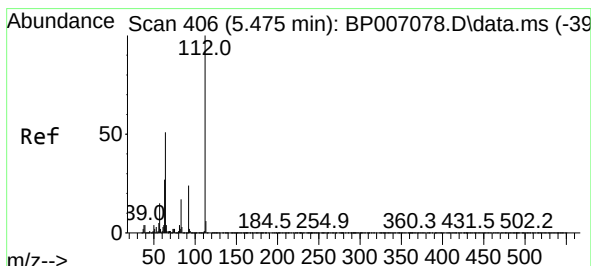
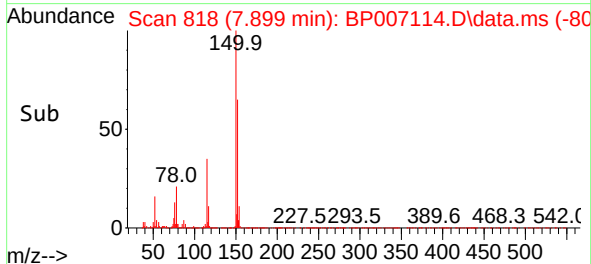
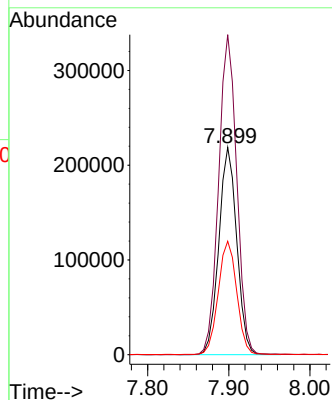
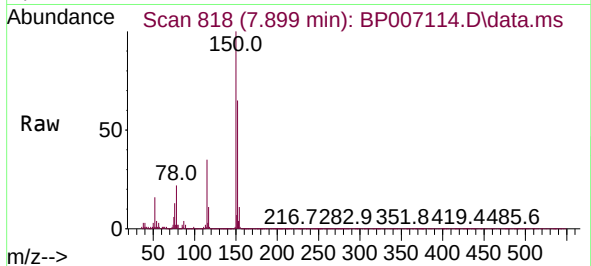




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007114.D
Acq: 23 Sep 2021 00:17

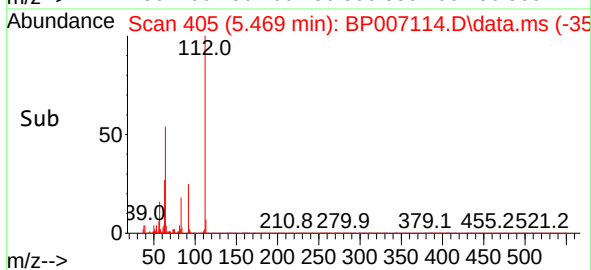
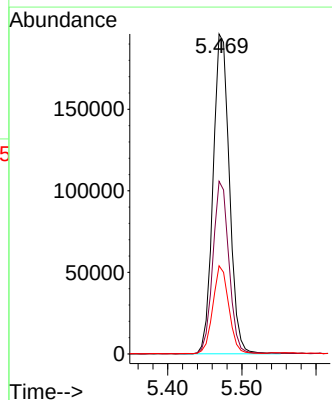
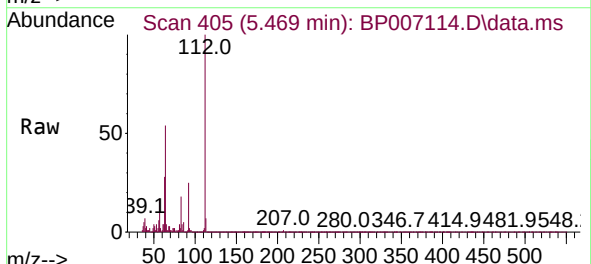
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)

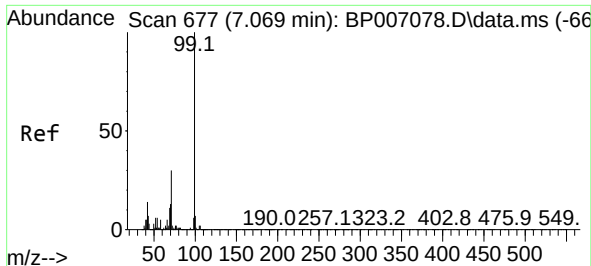
Tgt Ion:152 Resp: 336629
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 54.7 48.5 72.7



#5
2-Fluorophenol
Concen: 14.925 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP007114.D
Acq: 23 Sep 2021 00:17

Tgt Ion:112 Resp: 300145
Ion Ratio Lower Upper
112 100
64 53.9 41.4 62.2
63 27.6 23.8 35.8

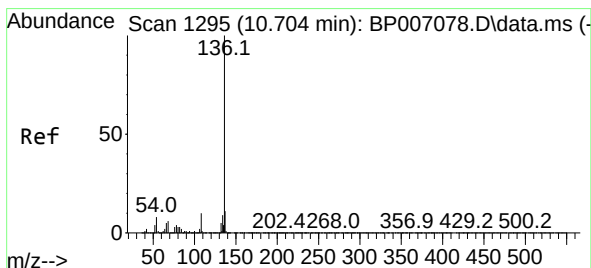
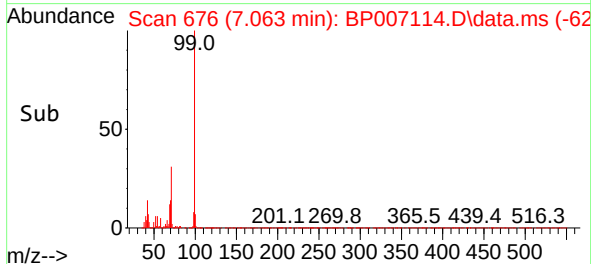
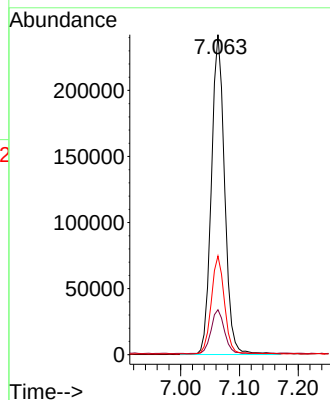
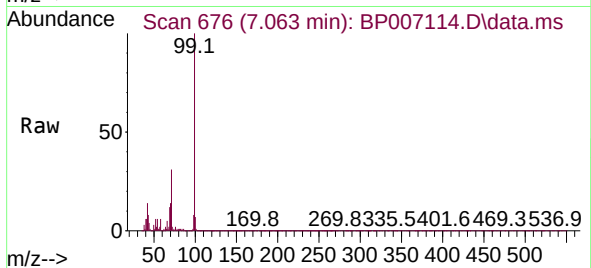




#7
Phenol-d6
Concen: 13.799 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP007114.D
Acq: 23 Sep 2021 00:17

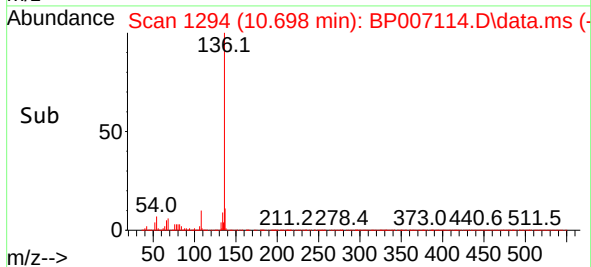
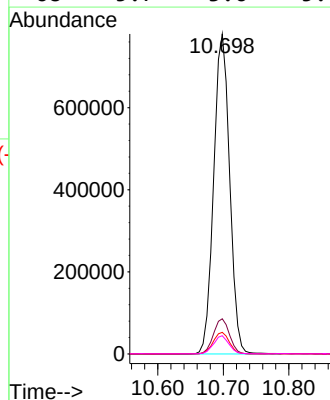
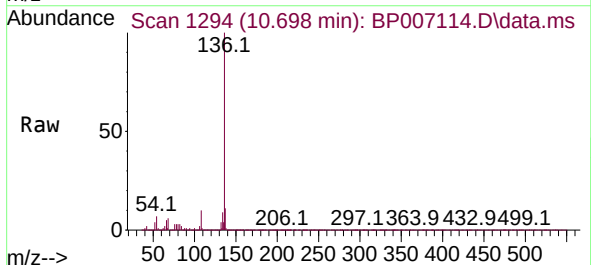
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)

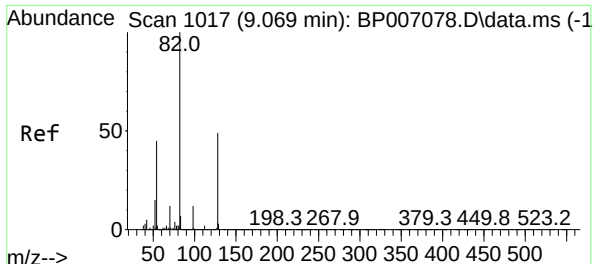
Tgt Ion:	99	Resp:	379274
Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.4	20.0
71	30.9	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007114.D
Acq: 23 Sep 2021 00:17

Tgt Ion:	136	Resp:	1314013
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.7	4.6	6.8
68	5.7	3.6	5.4





#23

Nitrobenzene-d5

Concen: 9.475 ng

RT: 9.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BP007114.D

Acq: 23 Sep 2021 00:17

Tgt Ion: 82 Resp: 213793

Ion Ratio Lower Upper

82 100

128 46.7 35.7 53.5

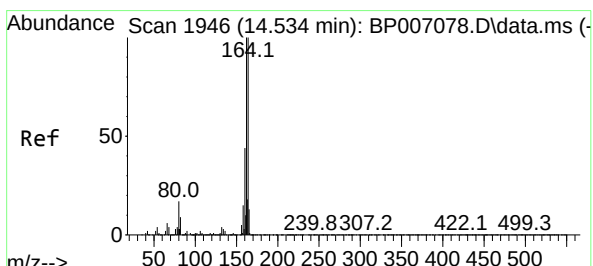
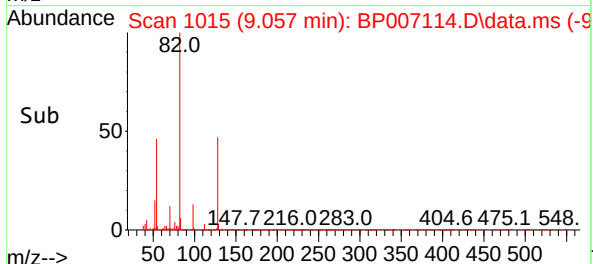
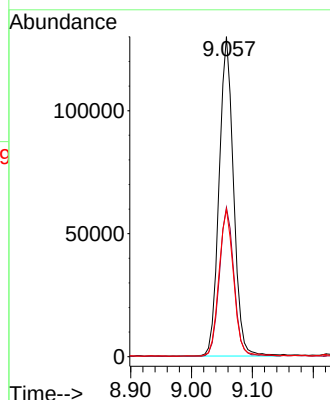
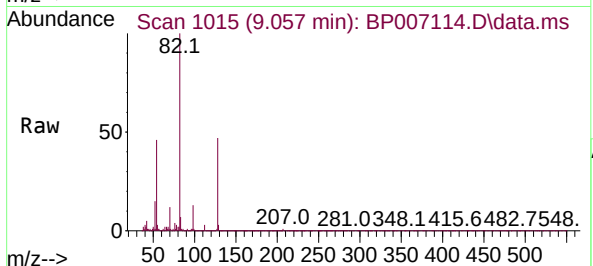
54 46.1 35.0 52.4

Instrument :

BNA_P

ClientSampleId :

SS02-BL-(0.0)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 1944

Delta R.T. -0.012 min

Lab File: BP007114.D

Acq: 23 Sep 2021 00:17

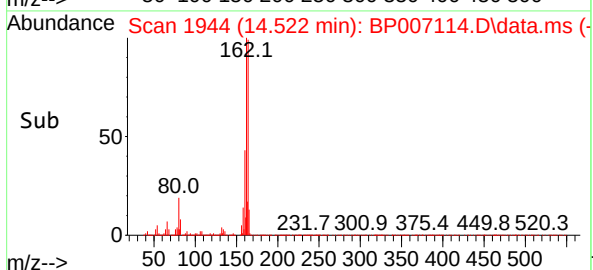
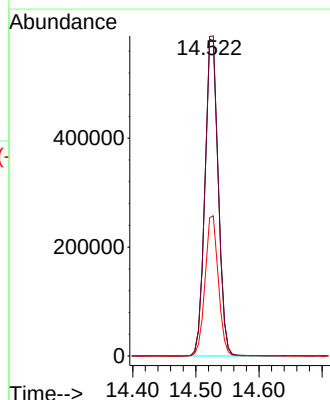
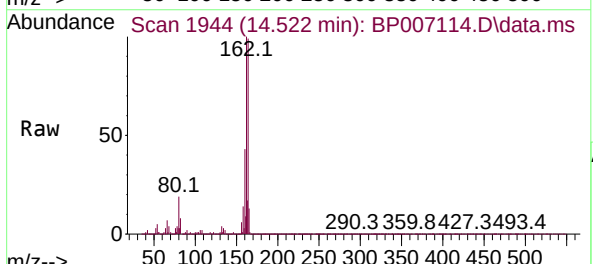
Tgt Ion:164 Resp: 849668

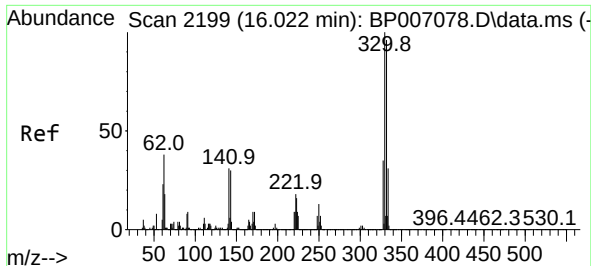
Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

160 43.7 34.5 51.7

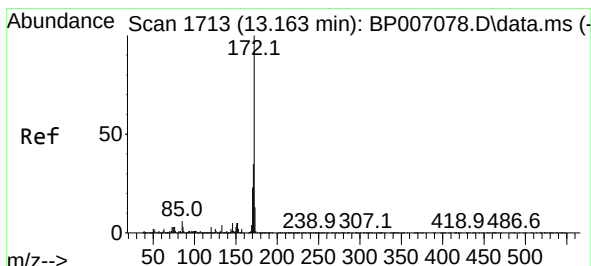
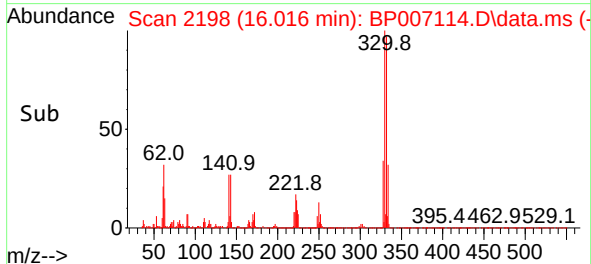
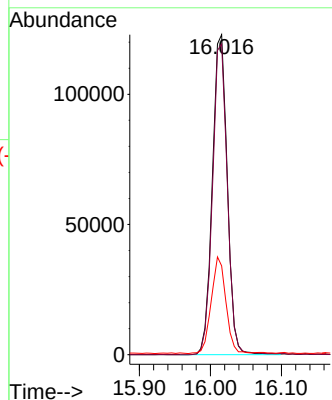
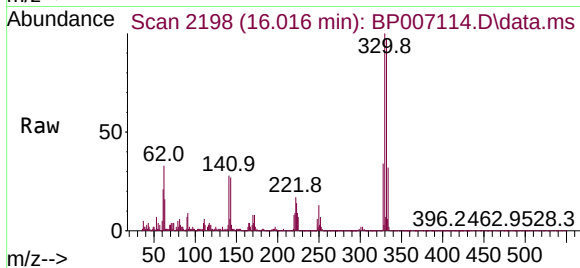




#42
2,4,6-Tribromophenol
Concen: 16.284 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP007114.D
Acq: 23 Sep 2021 00:17

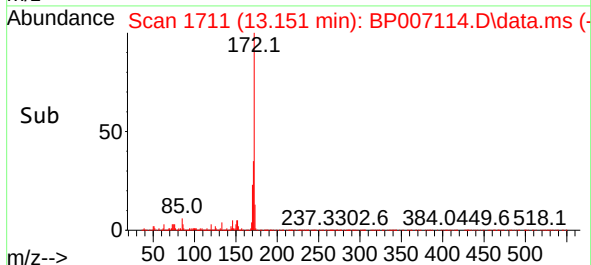
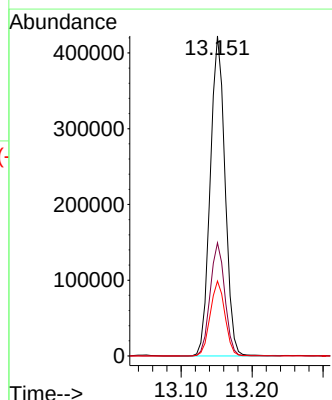
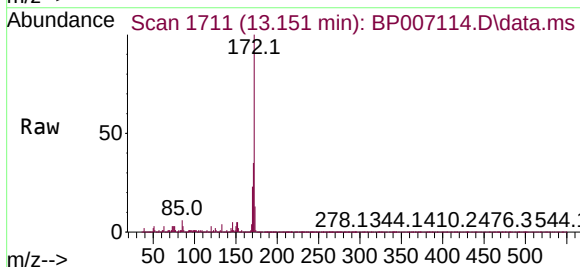
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BNA_P
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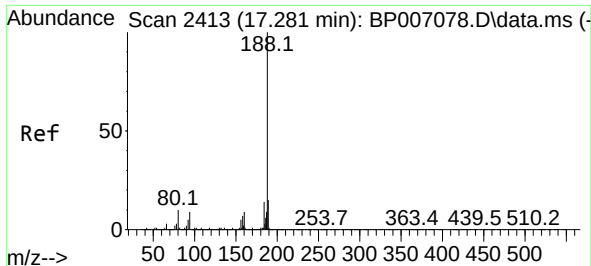
Tgt Ion:330 Resp: 179373
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 29.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 10.326 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP007114.D
Acq: 23 Sep 2021 00:17

Tgt Ion:172 Resp: 612442
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.4 18.6 27.8

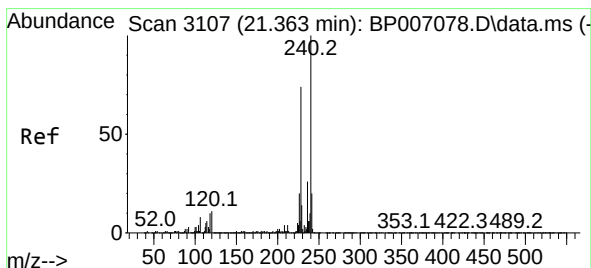
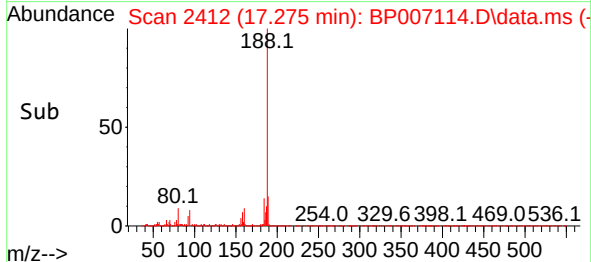
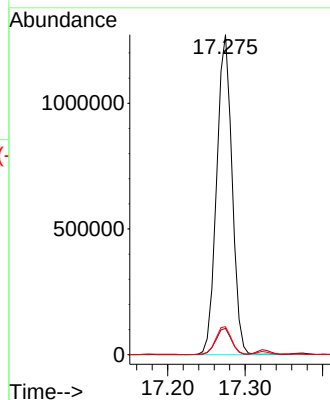
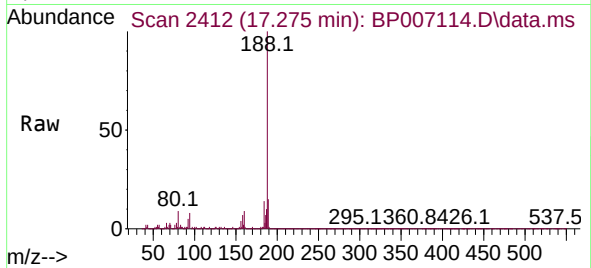




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP007114.D
Acq: 23 Sep 2021 00:17

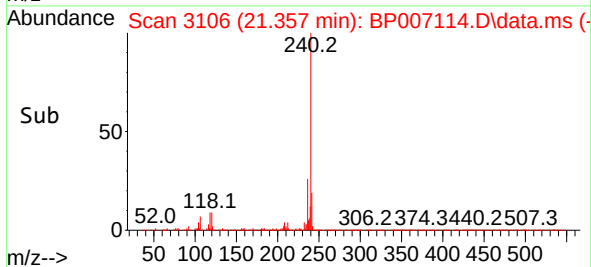
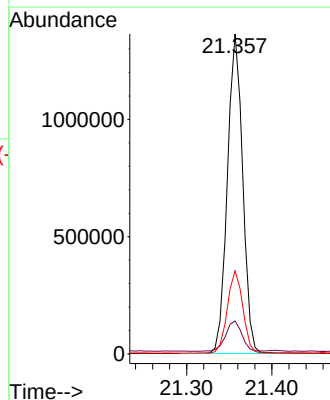
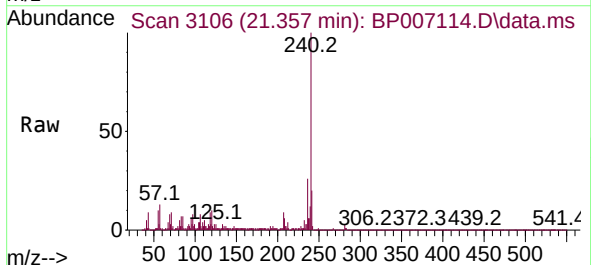
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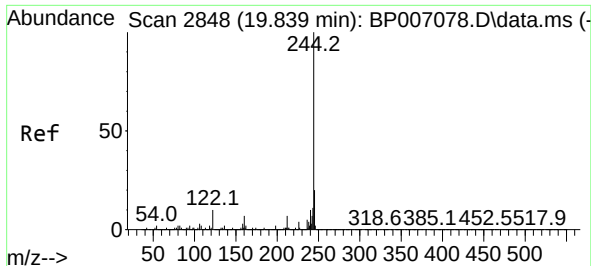
Tgt Ion:188 Resp: 1754946
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.8 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP007114.D
Acq: 23 Sep 2021 00:17

Tgt Ion:240 Resp: 1700196
Ion Ratio Lower Upper
240 100
120 10.3 6.5 9.7#
236 25.9 20.6 31.0

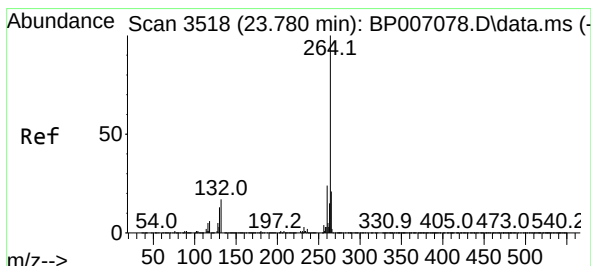
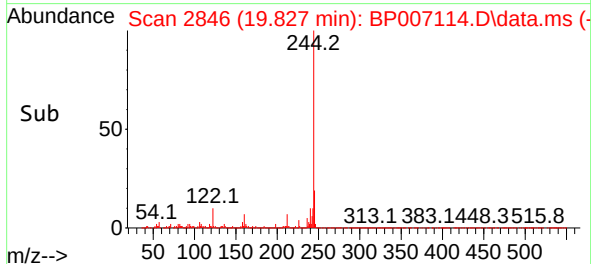
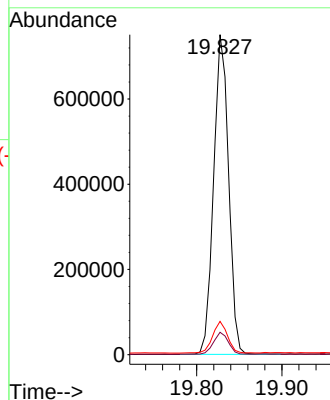
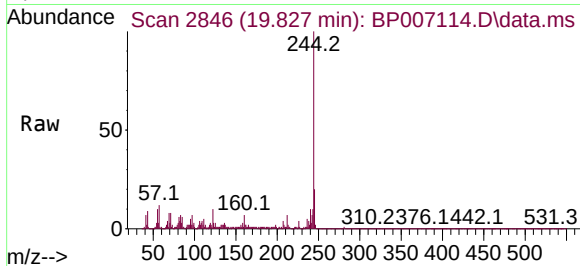




#79
 Terphenyl-d14
 Concen: 10.318 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. -0.012 min
 Lab File: BP007114.D
 Acq: 23 Sep 2021 00:17

Instrument :
 BNA_P
 ClientSampleId :
 SS02-BL-(0.0)

Tgt Ion:	244	Resp:	915471
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.4	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3517
 Delta R.T. -0.006 min
 Lab File: BP007114.D
 Acq: 23 Sep 2021 00:17

Tgt Ion:	264	Resp:	1865002
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	22.2	17.6	26.4

