

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007879.D
 Acq On : 09 Nov 2021 01:28
 Operator : CG/JU
 Sample : M4477-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T5-EP3-N

Quant Time: Nov 09 08:48:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 08 16:36:40 2021
 Response via : Initial Calibration

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

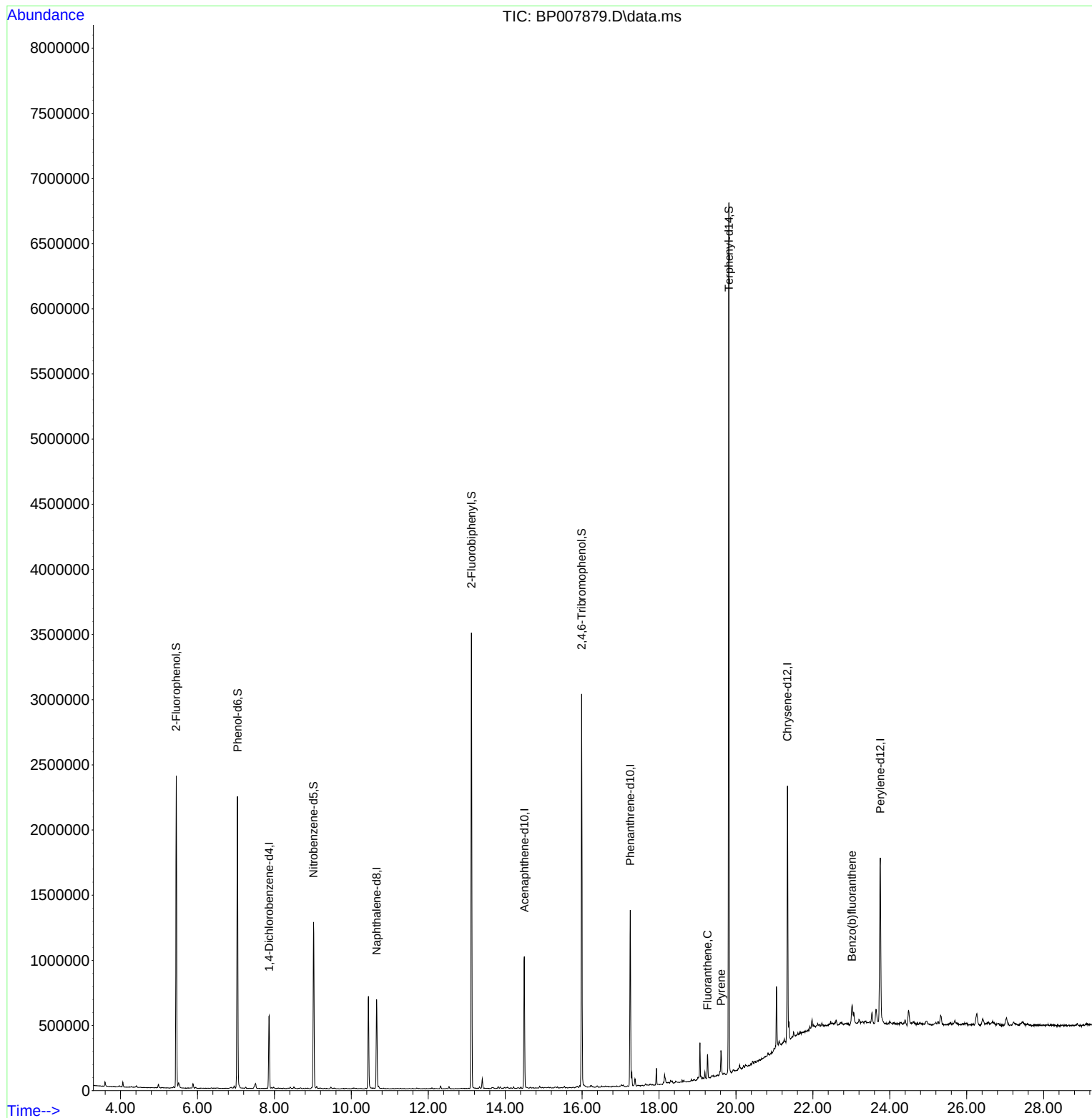
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	155790	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	540027	20.000	ng	-0.01
39) Acenaphthene-d10	14.498	164	358173	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	798236	20.000	ng	#-0.01
76) Chrysene-d12	21.339	240	929910	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1035679	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1018725	110.899	ng	0.00
7) Phenol-d6	7.040	99	1257936	94.611	ng	0.00
23) Nitrobenzene-d5	9.016	82	712812	70.904	ng	-0.02
42) 2,4,6-Tribromophenol	15.986	330	588592	115.147	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1758308	71.490	ng	-0.01
79) Terphenyl-d14	19.816	244	3141340	68.788	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.263	202	110948	2.096	ng	97
78) Pyrene	19.610	202	115110	2.018	ng	98
88) Benzo(b)fluoranthene	23.015	252	126530	2.073	ng	# 92

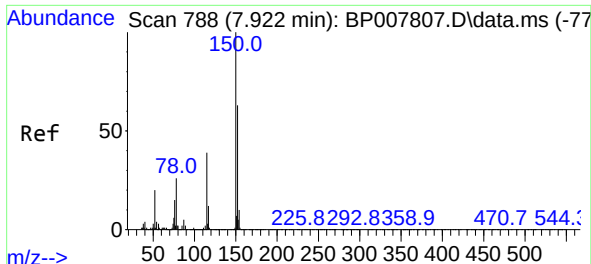
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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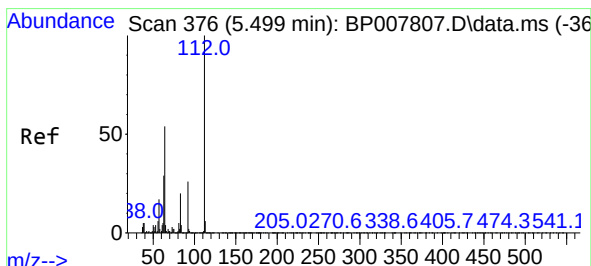
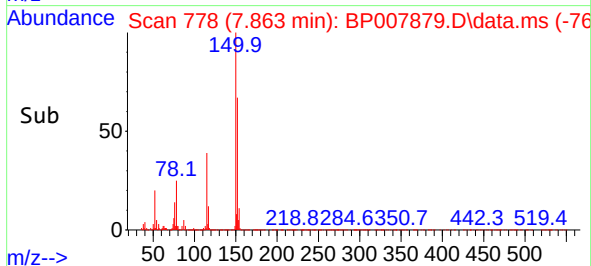
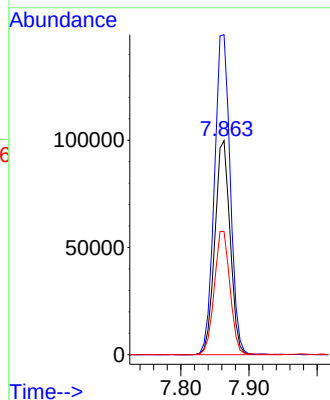
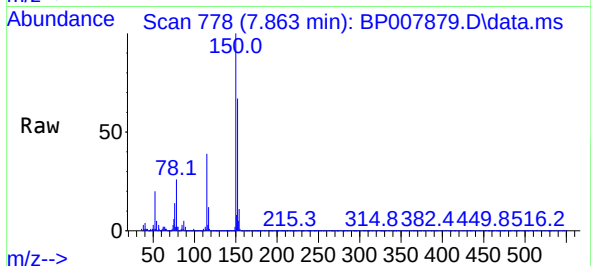




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

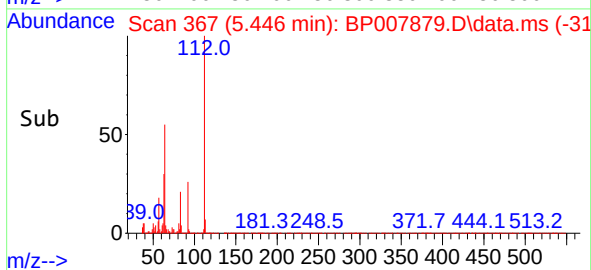
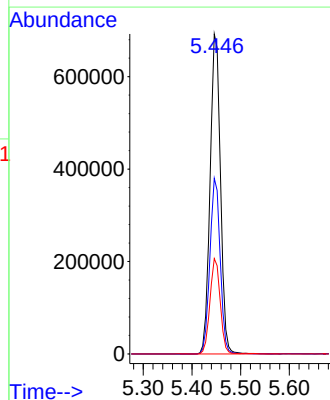
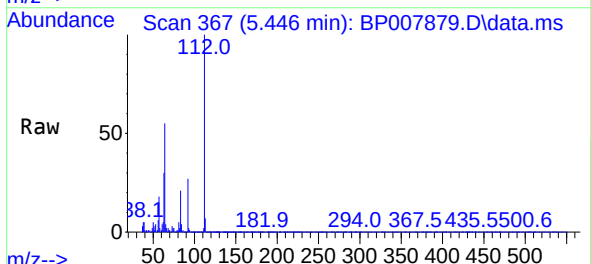
Instrument :
BNA_P
ClientSampleId :
T5-EP3-N

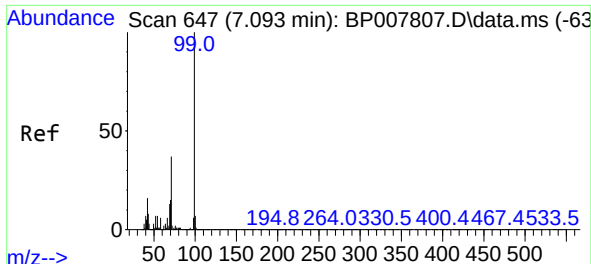
Tgt Ion:152 Resp: 155790
Ion Ratio Lower Upper
152 100
150 149.5 124.1 186.1
115 57.6 48.1 72.1



#5
2-Fluorophenol
Concen: 110.899 ng
RT: 5.446 min Scan# 367
Delta R.T. -0.006 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

Tgt Ion:112 Resp: 1018725
Ion Ratio Lower Upper
112 100
64 54.9 46.6 70.0
63 29.8 25.0 37.6



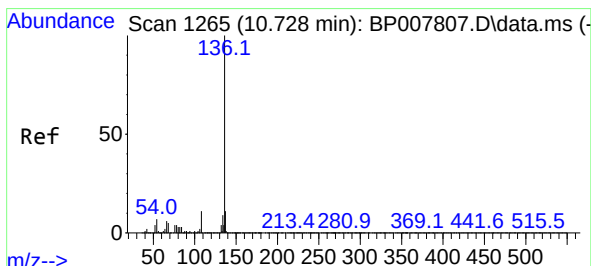
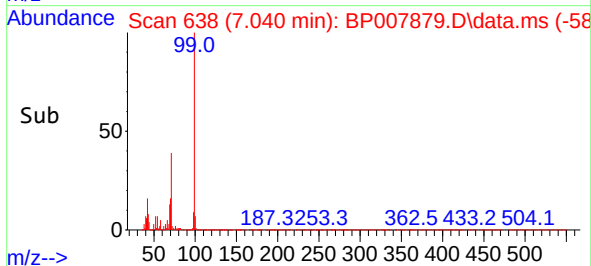
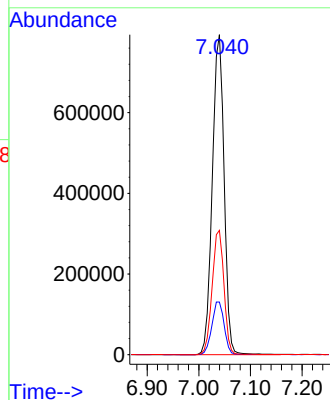
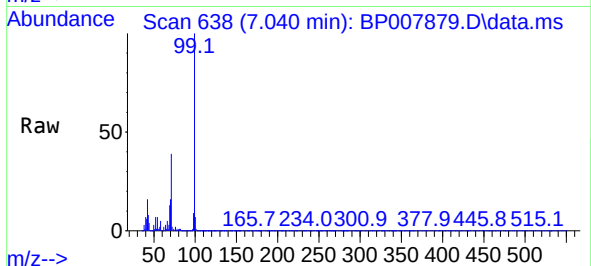


#7
Phenol-d6
Concen: 94.611 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

Instrument :
BNA_P
ClientSampleId :
T5-EP3-N

Tgt Ion: 99 Resp: 1257936

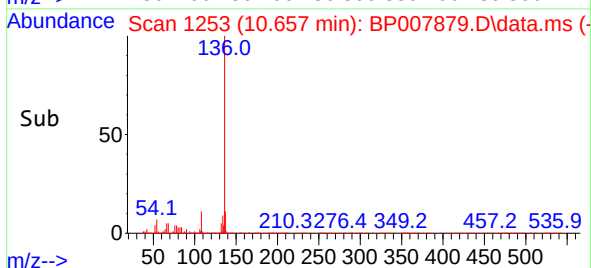
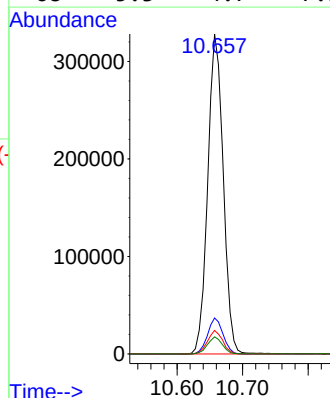
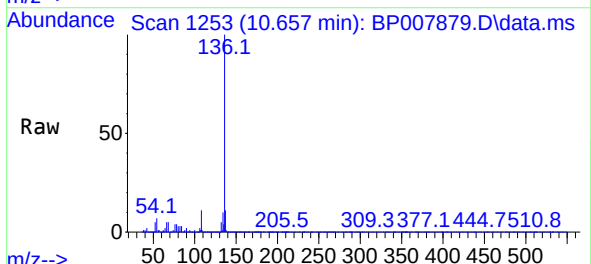
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.9	22.3
71	38.8	29.2	43.8

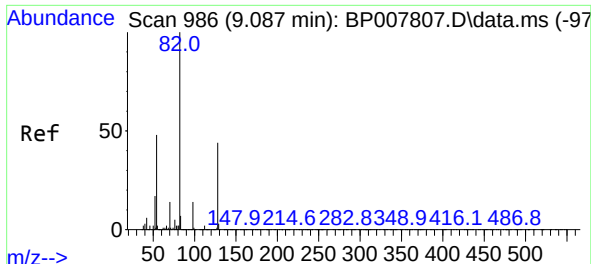


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1253
Delta R.T. -0.012 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

Tgt Ion: 136 Resp: 540027

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.3	6.2	9.4
68	5.3	4.7	7.1

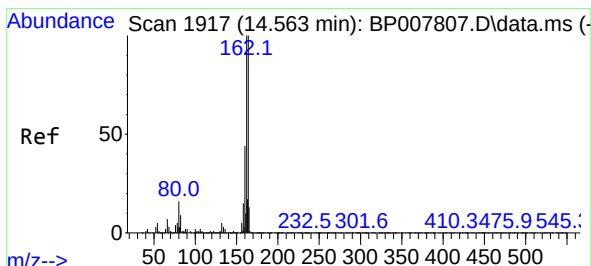
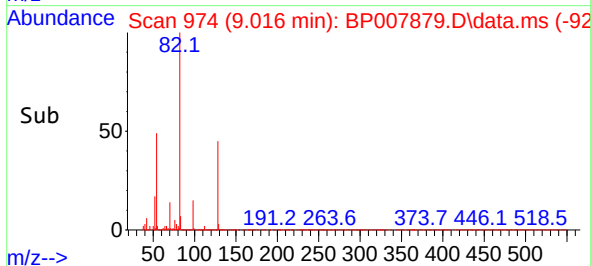
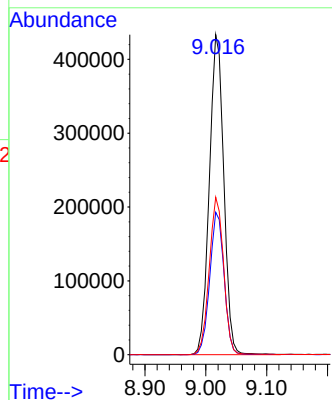
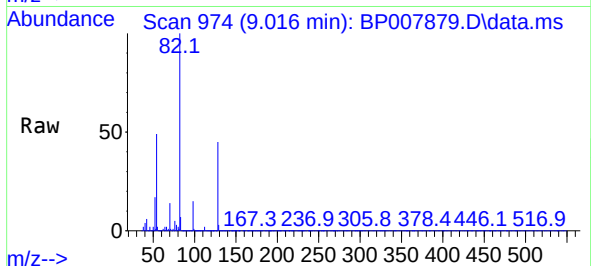




#23
Nitrobenzene-d5
Concen: 70.904 ng
RT: 9.016 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

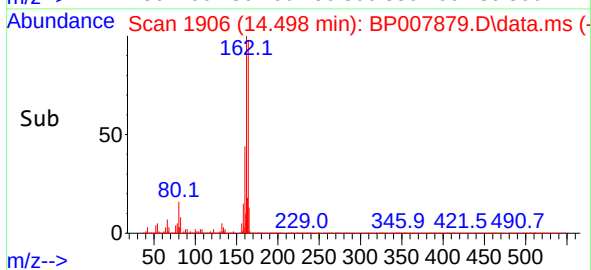
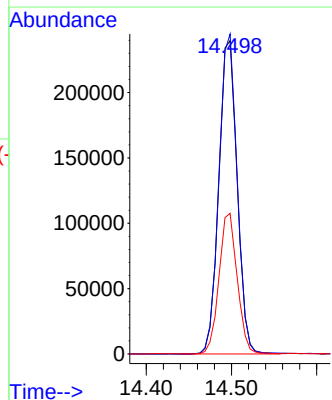
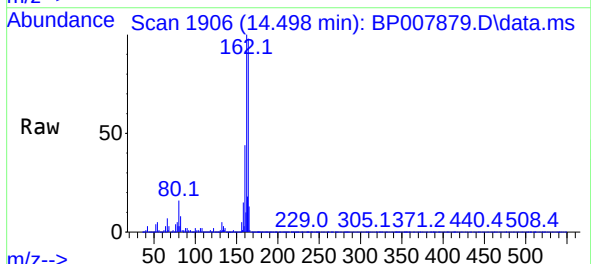
Instrument :
BNA_P
ClientSampleId :
T5-EP3-N

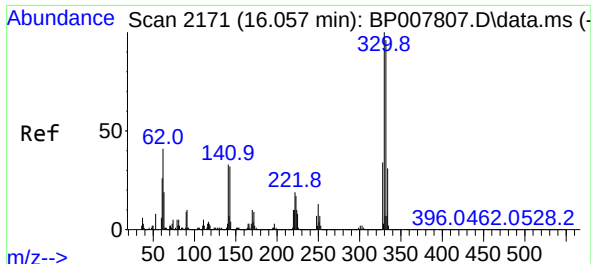
Tgt Ion: 82 Resp: 712812
Ion Ratio Lower Upper
82 100
128 44.5 32.6 48.8
54 49.2 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

Tgt Ion: 164 Resp: 358173
Ion Ratio Lower Upper
164 100
162 102.1 81.1 121.7
160 44.9 36.0 54.0

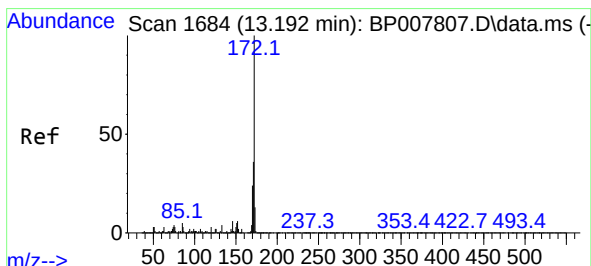
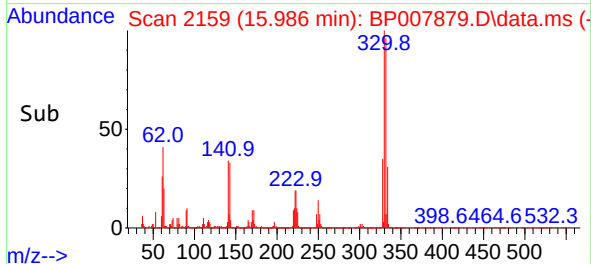
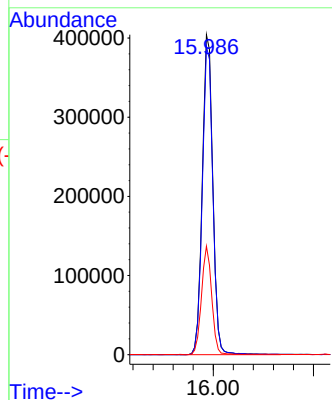
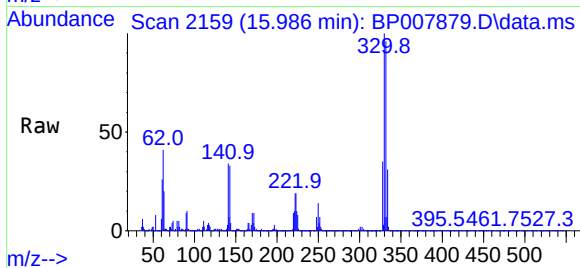




#42
2,4,6-Tribromophenol
Concen: 115.147 ng
RT: 15.986 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

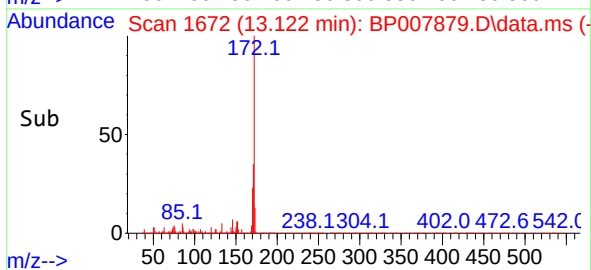
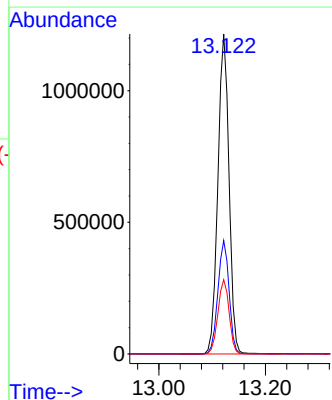
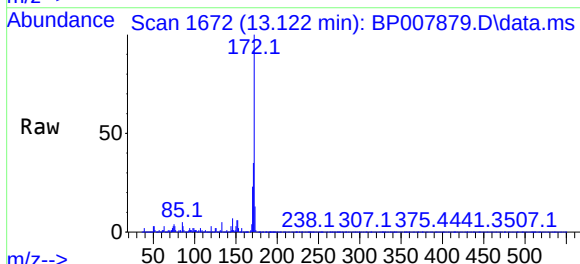
Instrument :
BNA_P
ClientSampleId :
T5-EP3-N

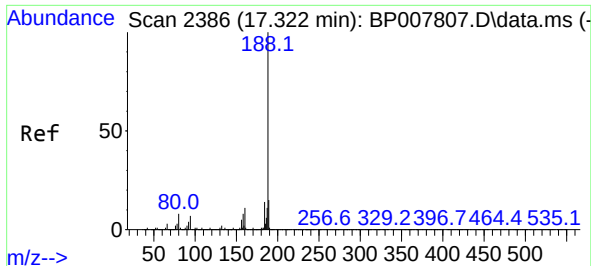
Tgt Ion:330 Resp: 588592
Ion Ratio Lower Upper
330 100
332 96.2 78.9 118.3
141 32.9 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 71.490 ng
RT: 13.122 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

Tgt Ion:172 Resp: 1758308
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.2 19.0 28.4

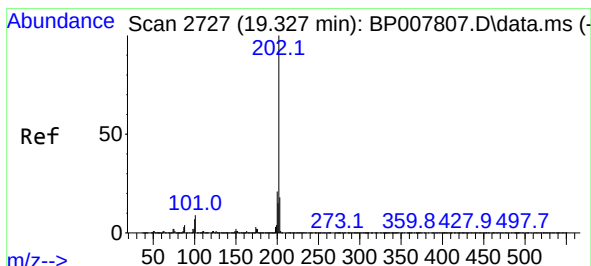
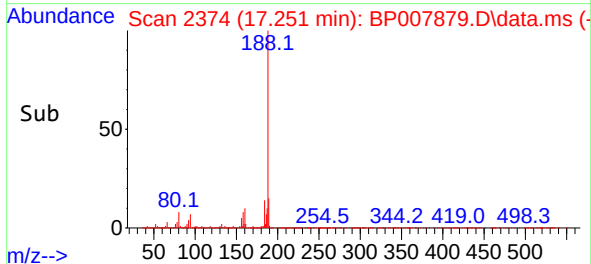
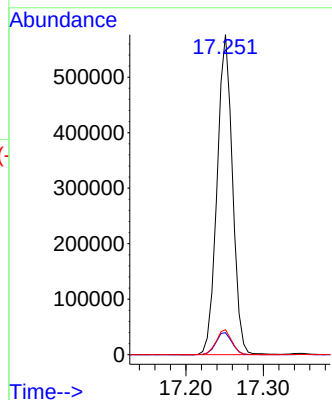
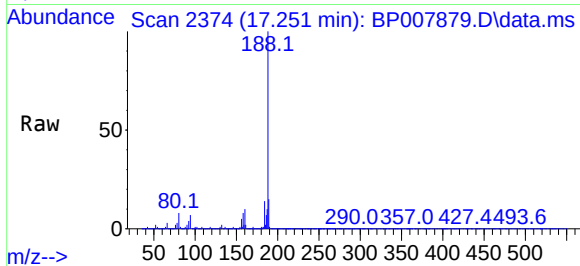




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

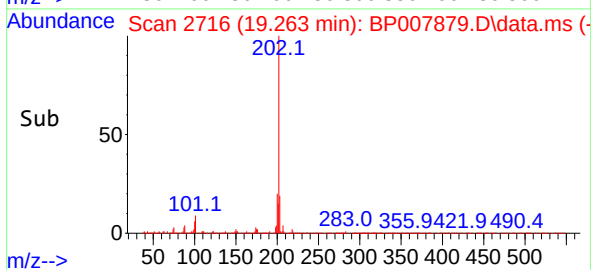
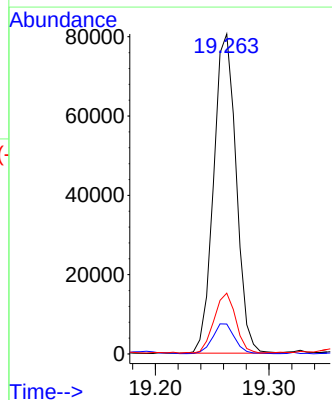
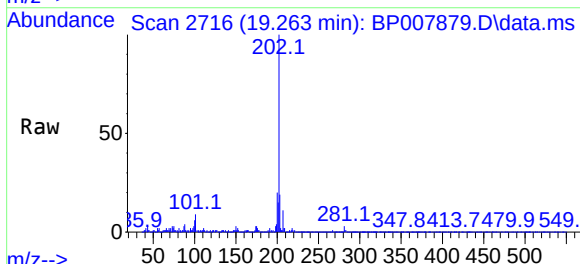
Instrument :
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ClientSampleId :
T5-EP3-N

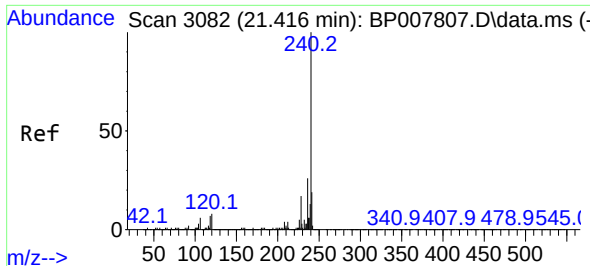
Tgt Ion:188 Resp: 798236
Ion Ratio Lower Upper
188 100
94 6.9 7.1 10.7#
80 7.8 7.8 11.6



#75
Fluoranthene
Concen: 2.096 ng
RT: 19.263 min Scan# 2716
Delta R.T. -0.012 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

Tgt Ion:202 Resp: 110948
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.4
203 19.0 0.0 37.6

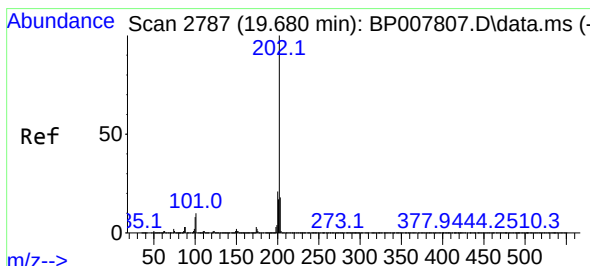
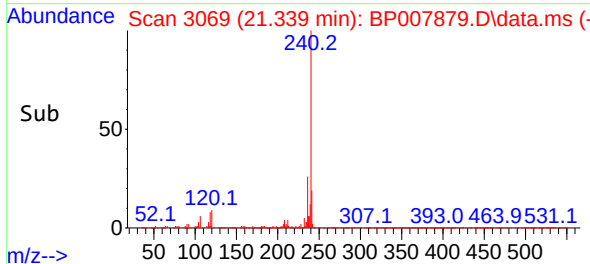
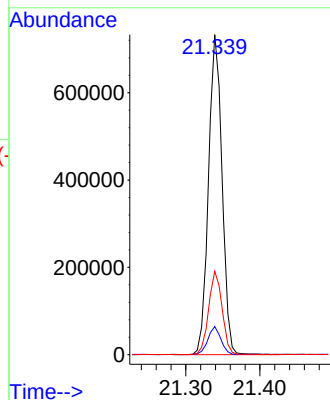
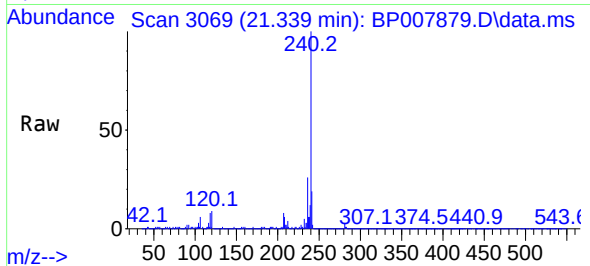




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

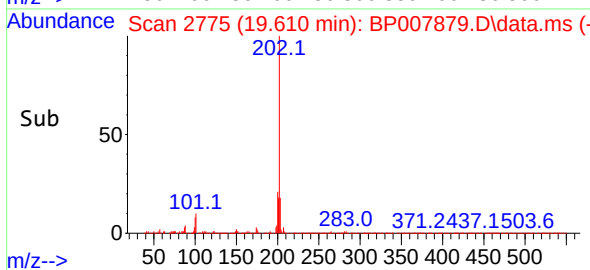
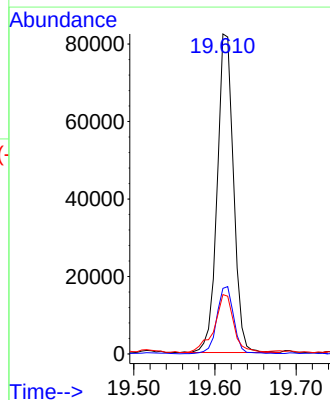
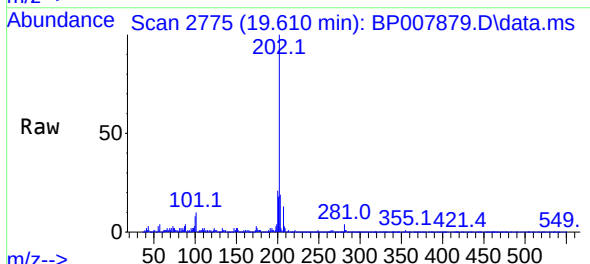
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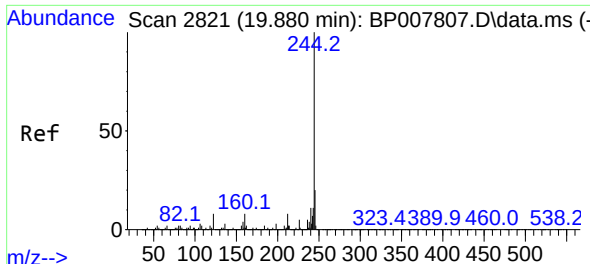
Tgt Ion:240 Resp: 929910
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.8
236 26.1 20.6 30.8



#78
Pyrene
Concen: 2.018 ng
RT: 19.610 min Scan# 2775
Delta R.T. -0.018 min
Lab File: BP007879.D
Acq: 09 Nov 2021 01:28

Tgt Ion:202 Resp: 115110
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 18.5 13.8 20.6

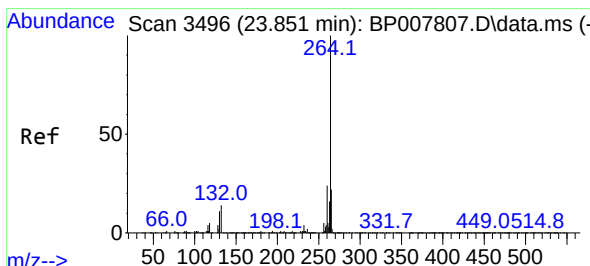
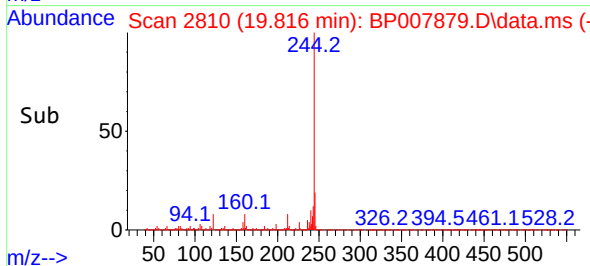
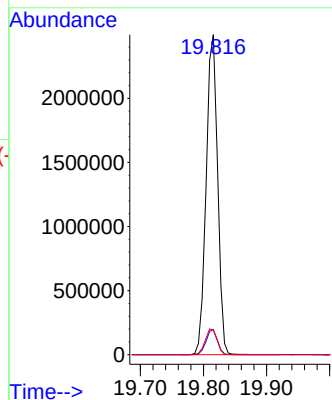
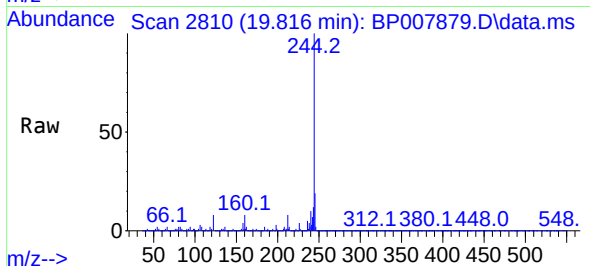




#79
 Terphenyl-d14
 Concen: 68.788 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP007879.D
 Acq: 09 Nov 2021 01:28

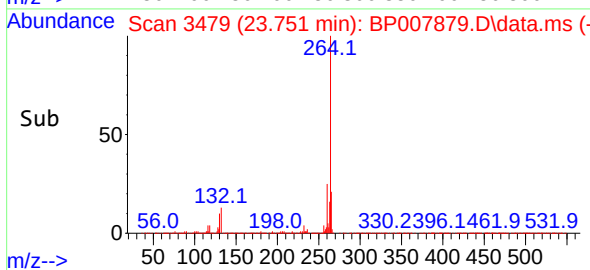
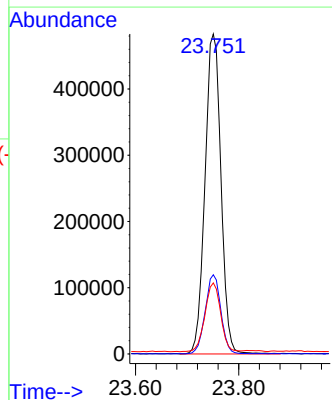
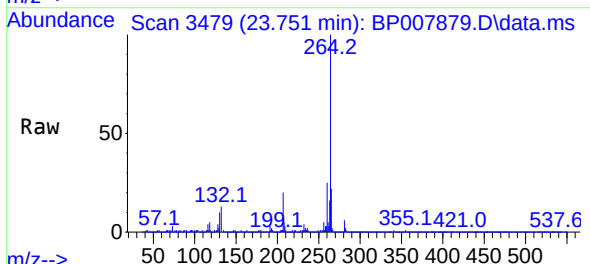
Instrument :
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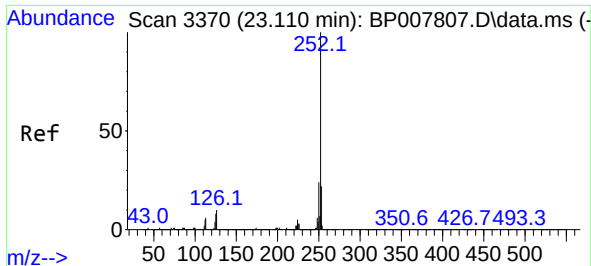
Tgt Ion:244 Resp: 3141340
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.7 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 3479
 Delta R.T. -0.018 min
 Lab File: BP007879.D
 Acq: 09 Nov 2021 01:28

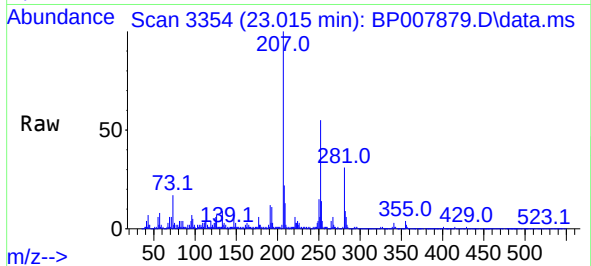
Tgt Ion:264 Resp: 1035679
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.1 28.7
 265 22.2 16.7 25.1





#88
 Benzo(b)fluoranthene
 Concen: 2.073 ng
 RT: 23.015 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP007879.D
 Acq: 09 Nov 2021 01:28

Instrument :
 BNA_P
 ClientSampleId :
 T5-EP3-N



Tgt Ion:252 Resp: 126530
 Ion Ratio Lower Upper
 252 100
 253 26.3 17.4 26.2#
 125 11.3 7.4 11.0#

