

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
 Data File : BP008734.D
 Acq On : 07 Jan 2022 19:36
 Operator : CG/JU
 Sample : N1065-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AMI-2

Quant Time: Jan 08 02:26:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 07 07:45:52 2022
 Response via : Initial Calibration

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

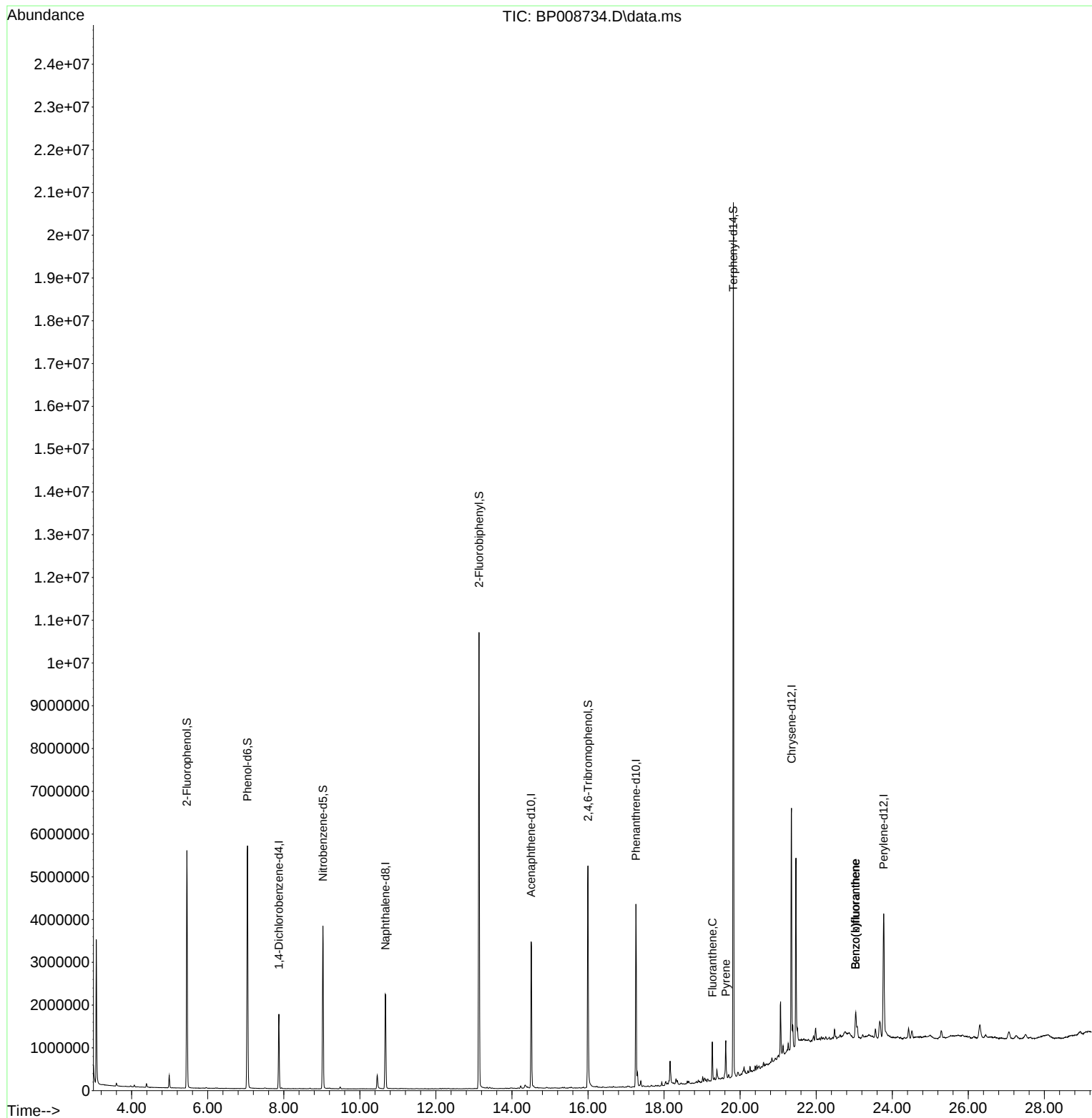
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	514223	20.000	ng	-0.01
21) Naphthalene-d8	10.675	136	2025276	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1306742	20.000	ng	-0.01
64) Phenanthrene-d10	17.263	188	2808526	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2712099	20.000	ng	0.00
86) Perylene-d12	23.774	264	2297706	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	2640245	80.403	ng	0.00
7) Phenol-d6	7.046	99	3641146	82.599	ng	0.00
23) Nitrobenzene-d5	9.028	82	2281826	63.807	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1220286	55.352	ng	-0.01
45) 2-Fluorobiphenyl	13.134	172	5918051	63.671	ng	0.00
79) Terphenyl-d14	19.822	244	9537489	71.664	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.269	202	516940	2.767	ng	97
78) Pyrene	19.622	202	541063	3.051	ng	97
88) Benzo(b)fluoranthene	23.033	252	406969	2.711	ng	# 95
89) Benzo(k)fluoranthene	23.033	252	406969	2.896	ng	# 96

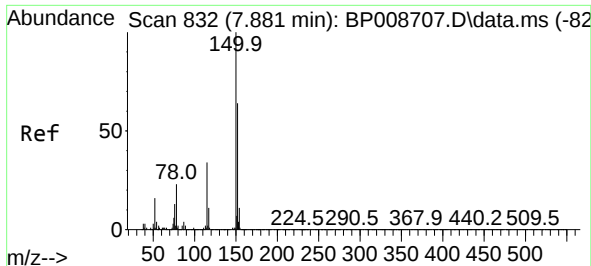
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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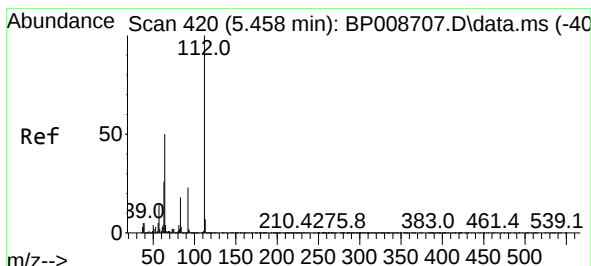
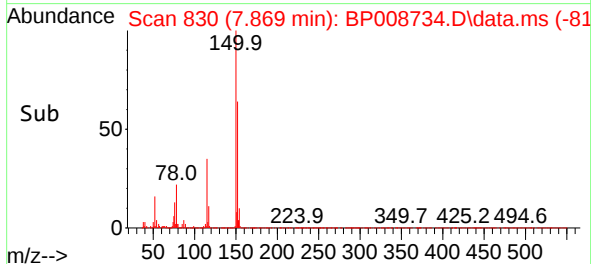
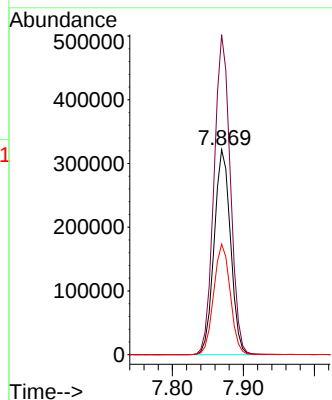
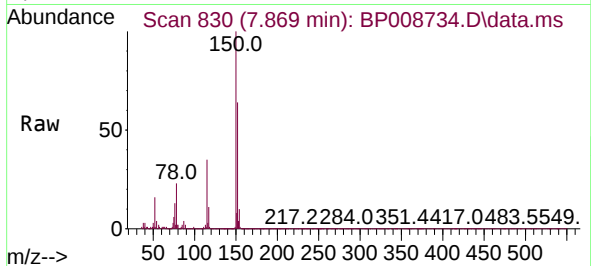




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

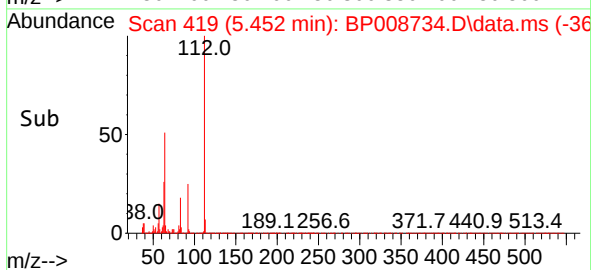
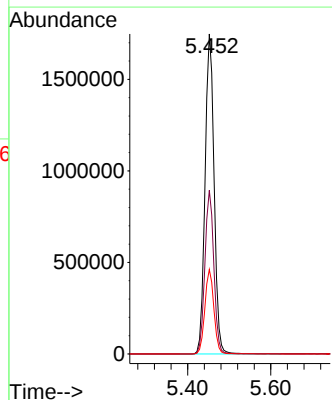
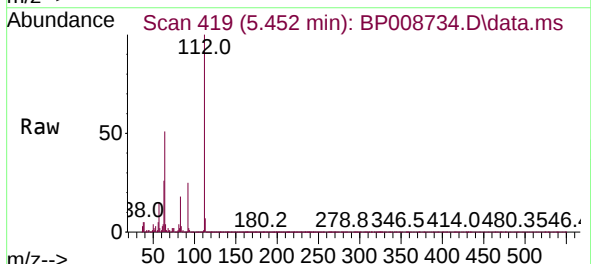
Instrument :
BNA_P
ClientSampleId :
AMI-2

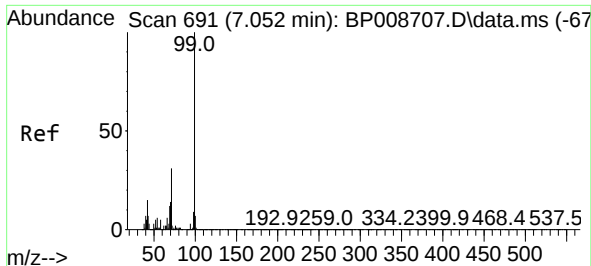
Tgt Ion:152 Resp: 514223
Ion Ratio Lower Upper
152 100
150 156.1 127.0 190.6
115 54.0 43.7 65.5



#5
2-Fluorophenol
Concen: 80.403 ng
RT: 5.452 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

Tgt Ion:112 Resp: 2640245
Ion Ratio Lower Upper
112 100
64 51.2 39.7 59.5
63 26.4 20.0 30.0

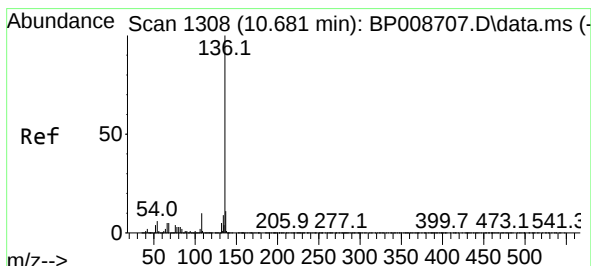
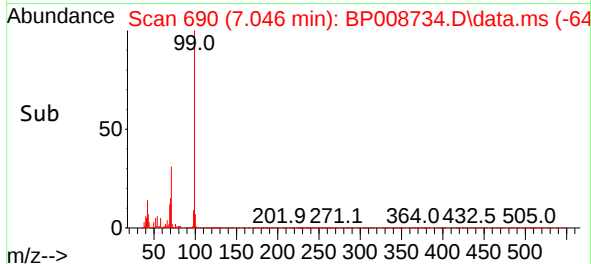
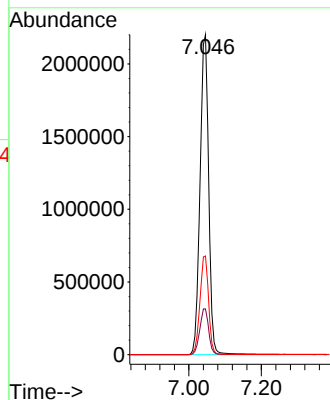
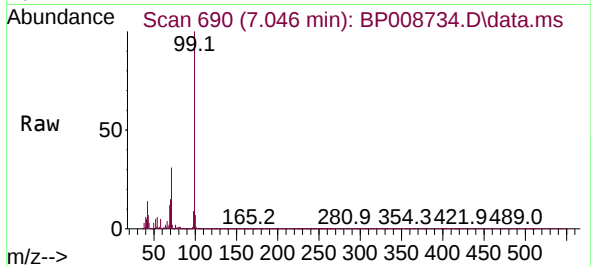




#7
Phenol-d6
Concen: 82.599 ng
RT: 7.046 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

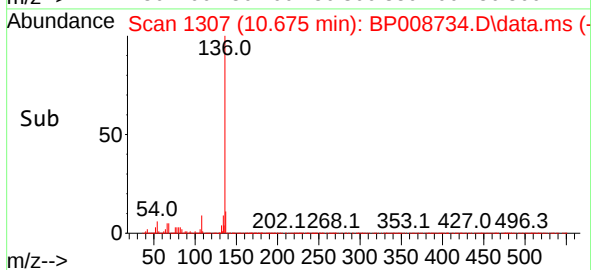
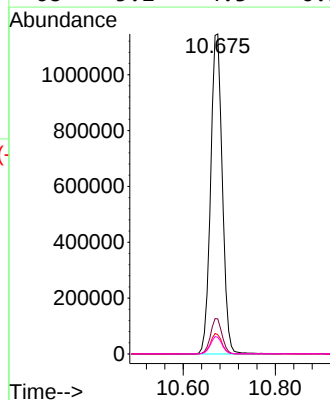
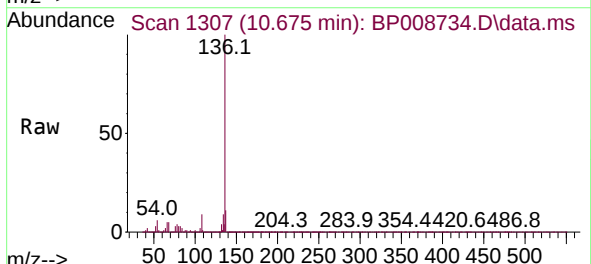
Instrument :
BNA_P
ClientSampleId :
AMI-2

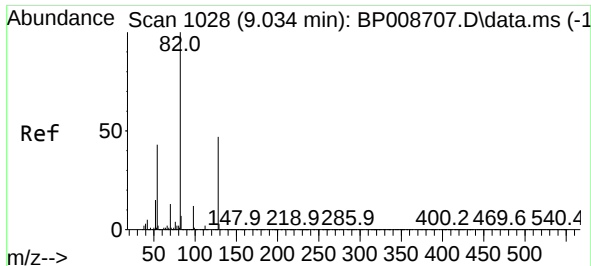
Tgt Ion: 99 Resp: 3641146
Ion Ratio Lower Upper
99 100
42 14.3 10.8 16.2
71 30.8 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

Tgt Ion: 136 Resp: 2025276
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.0 4.9 7.3
68 5.2 4.3 6.5

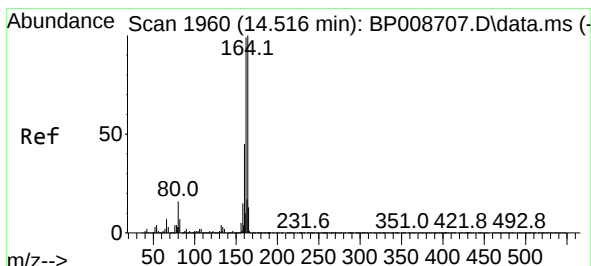
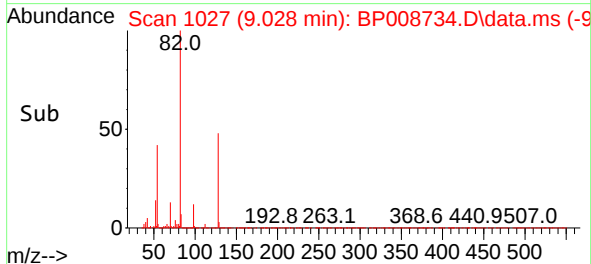
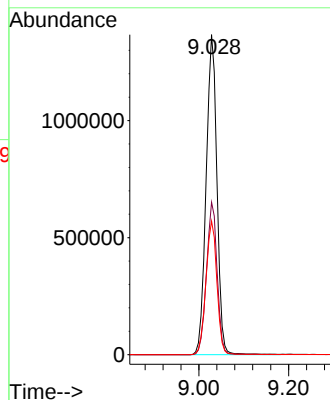
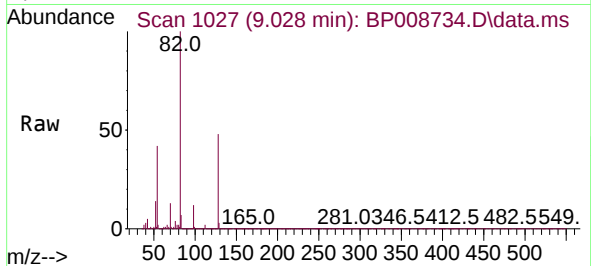




#23
Nitrobenzene-d5
Concen: 63.807 ng
RT: 9.028 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

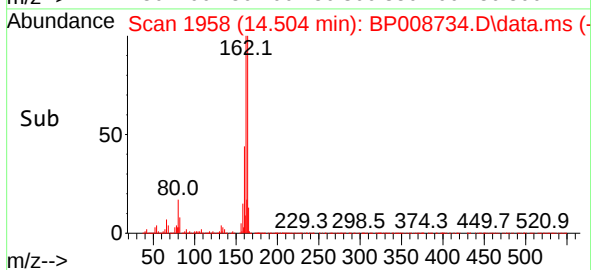
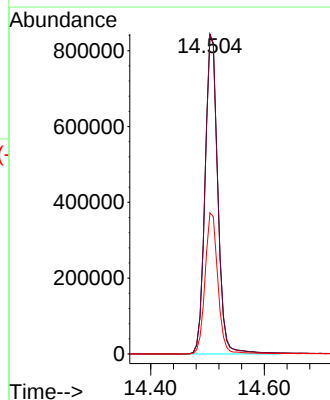
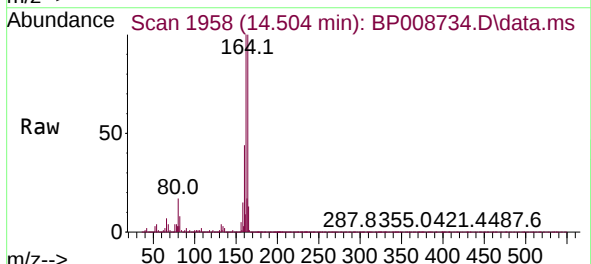
Instrument :
BNA_P
ClientSampleId :
AMI-2

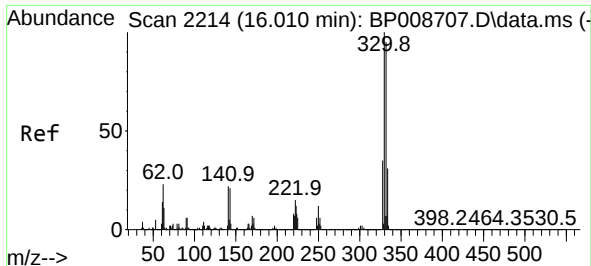
Tgt Ion: 82 Resp: 2281826
Ion Ratio Lower Upper
82 100
128 47.6 39.4 59.2
54 41.8 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

Tgt Ion:164 Resp: 1306742
Ion Ratio Lower Upper
164 100
162 100.4 79.9 119.9
160 44.3 35.5 53.3

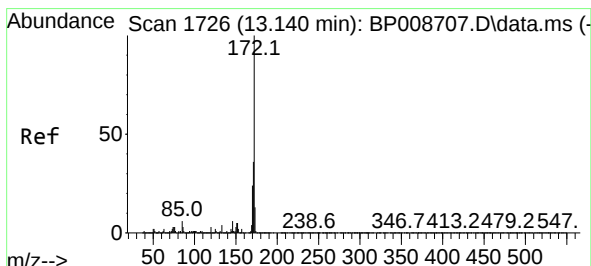
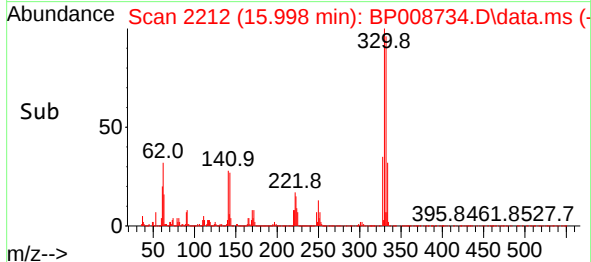
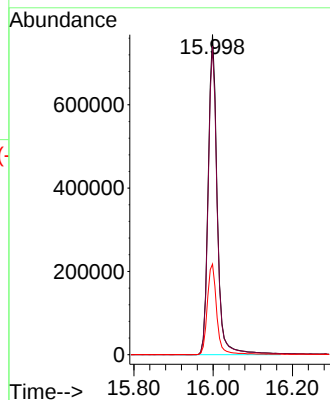
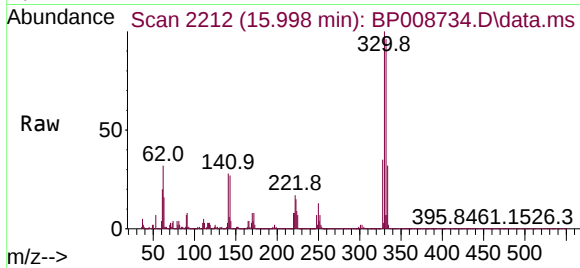




#42
2,4,6-Tribromophenol
Concen: 55.352 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

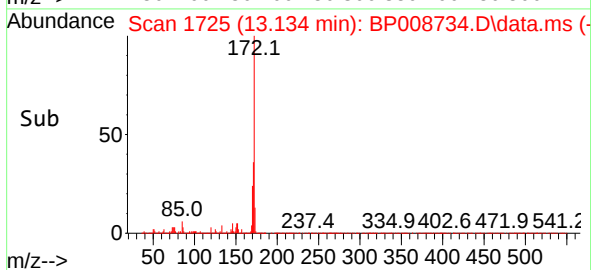
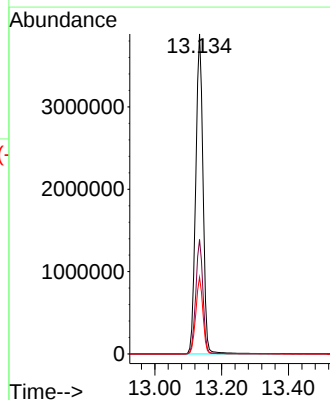
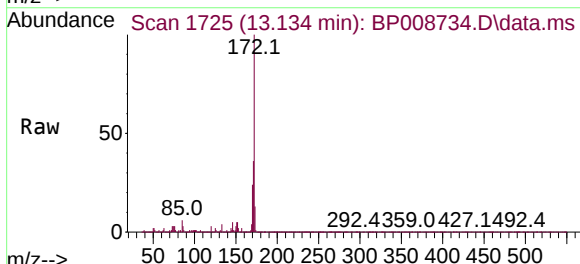
Instrument :
BNA_P
ClientSampleId :
AMI-2

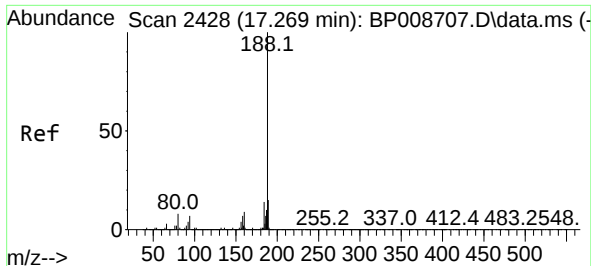
Tgt Ion:330 Resp: 1220286
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 29.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 63.671 ng
RT: 13.134 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

Tgt Ion:172 Resp: 5918051
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 23.9 19.5 29.3

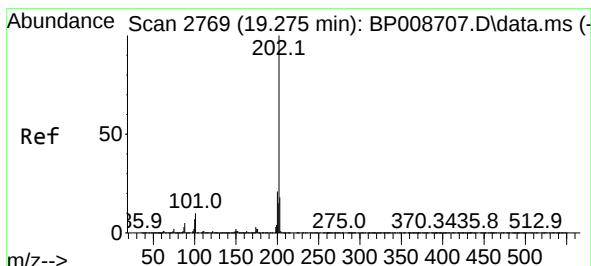
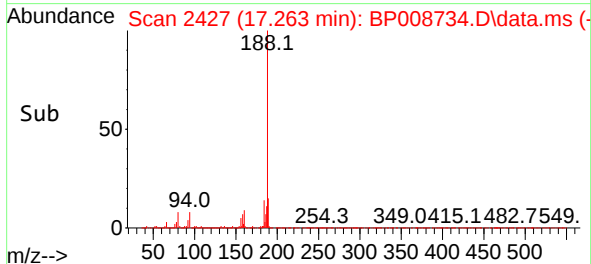
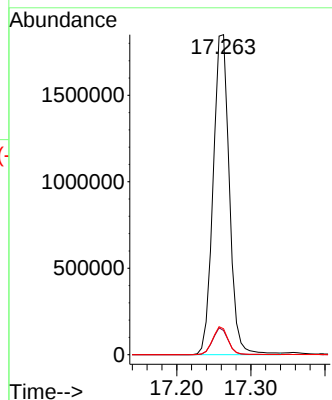
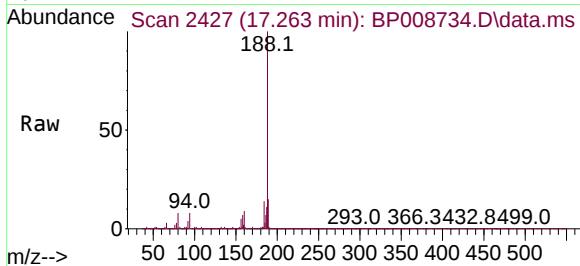




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

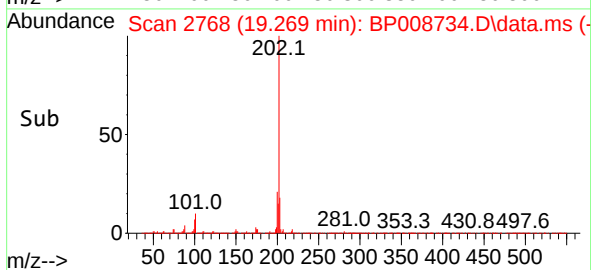
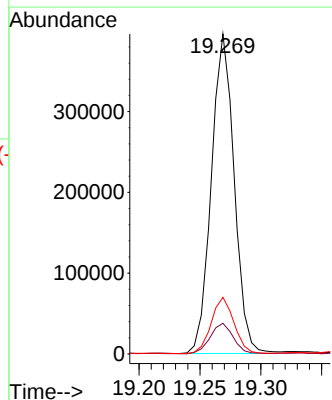
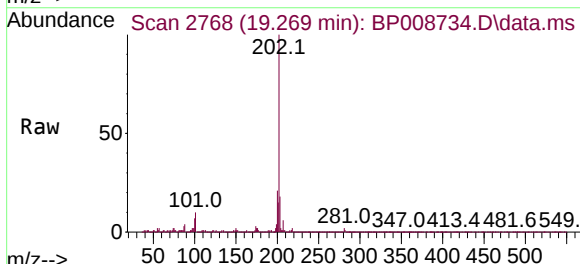
Instrument :
BNA_P
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AMI-2

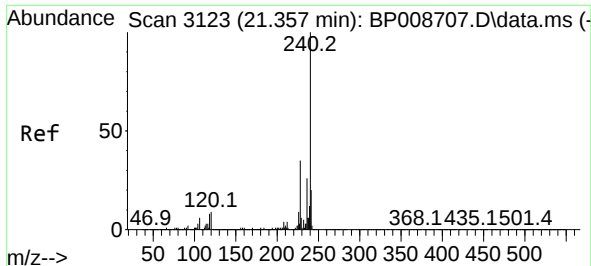
Tgt Ion:188 Resp: 2808526
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.1 7.2 10.8



#75
Fluoranthene
Concen: 2.767 ng
RT: 19.269 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

Tgt Ion:202 Resp: 516940
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.7
203 17.7 0.0 38.9

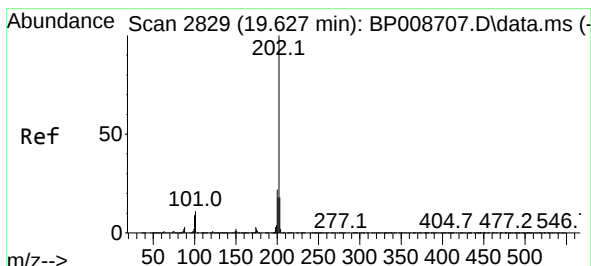
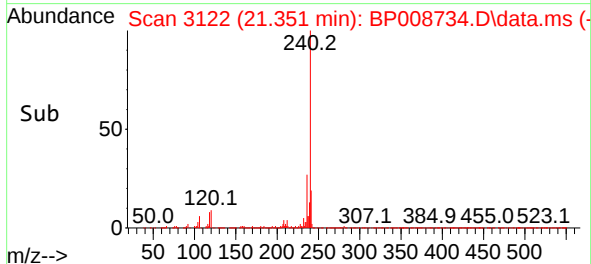
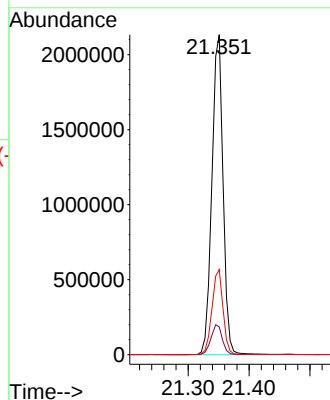
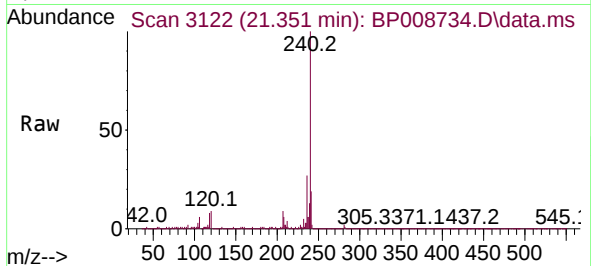




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

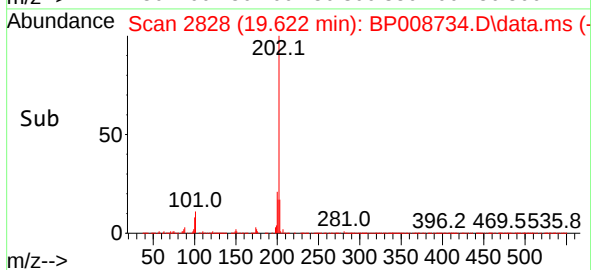
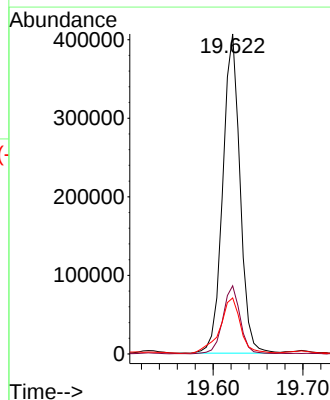
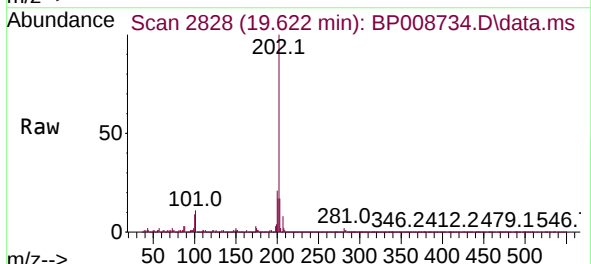
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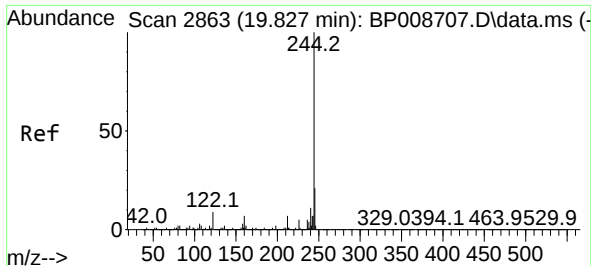
Tgt Ion:240 Resp: 2712099
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 26.6 21.2 31.8



#78
Pyrene
Concen: 3.051 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

Tgt Ion:202 Resp: 541063
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 17.5 15.0 22.6

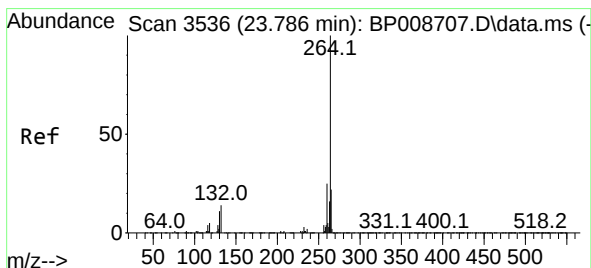
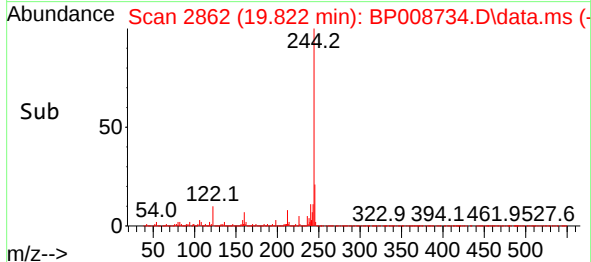
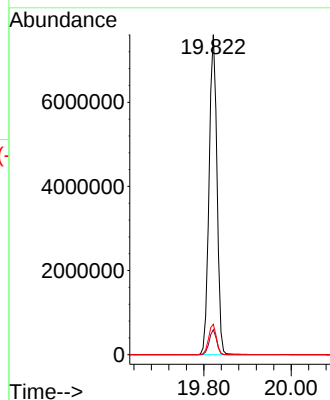
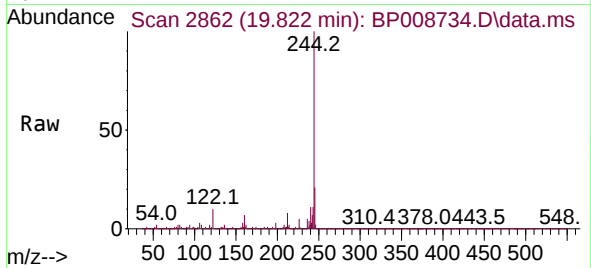




#79
 Terphenyl-d14
 Concen: 71.664 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008734.D
 Acq: 07 Jan 2022 19:36

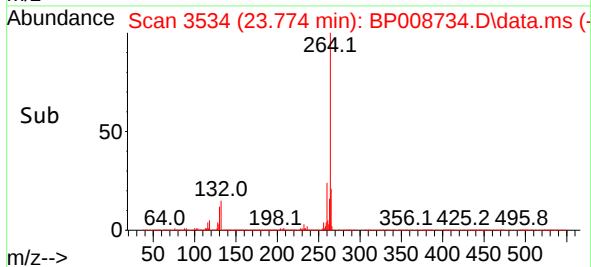
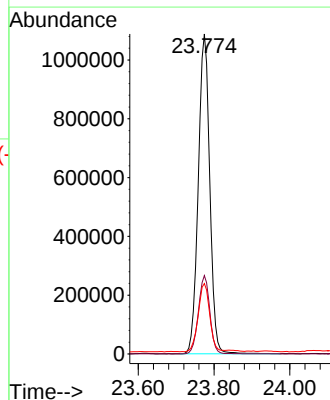
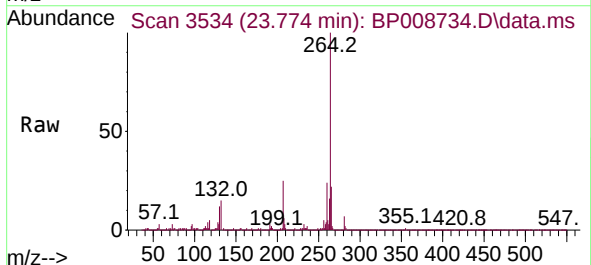
Instrument :
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 AMI-2

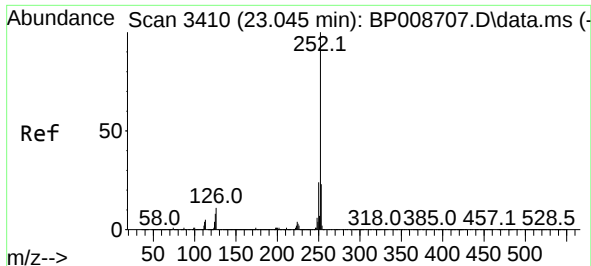
Tgt Ion:244 Resp: 9537489
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.5 9.2 13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3534
 Delta R.T. -0.012 min
 Lab File: BP008734.D
 Acq: 07 Jan 2022 19:36

Tgt Ion:264 Resp: 2297706
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.0 17.1 25.7

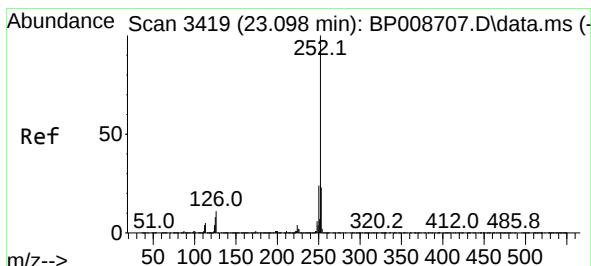
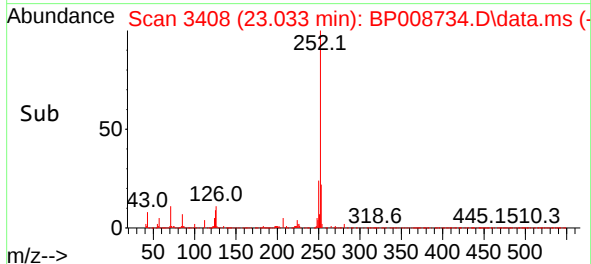
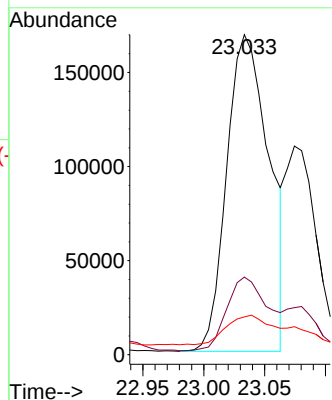
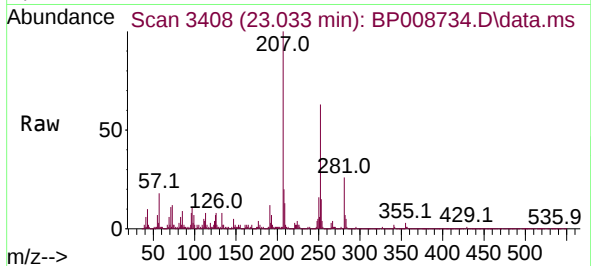




#88
Benzo(b)fluoranthene
Concen: 2.711 ng
RT: 23.033 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

Instrument :
BNA_P
ClientSampleId :
AMI-2

Tgt Ion:252 Resp: 406969
Ion Ratio Lower Upper
252 100
253 24.3 18.0 27.0
125 11.8 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 2.896 ng
RT: 23.033 min Scan# 3408
Delta R.T. -0.064 min
Lab File: BP008734.D
Acq: 07 Jan 2022 19:36

Tgt Ion:252 Resp: 406969
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 11.8 7.3 10.9#

