

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009428.D
 Acq On : 16 Mar 2022 18:19
 Operator : CG/JU
 Sample : N1951-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DB-14-(13-15)-3-12-22

Quant Time: Mar 17 01:09:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

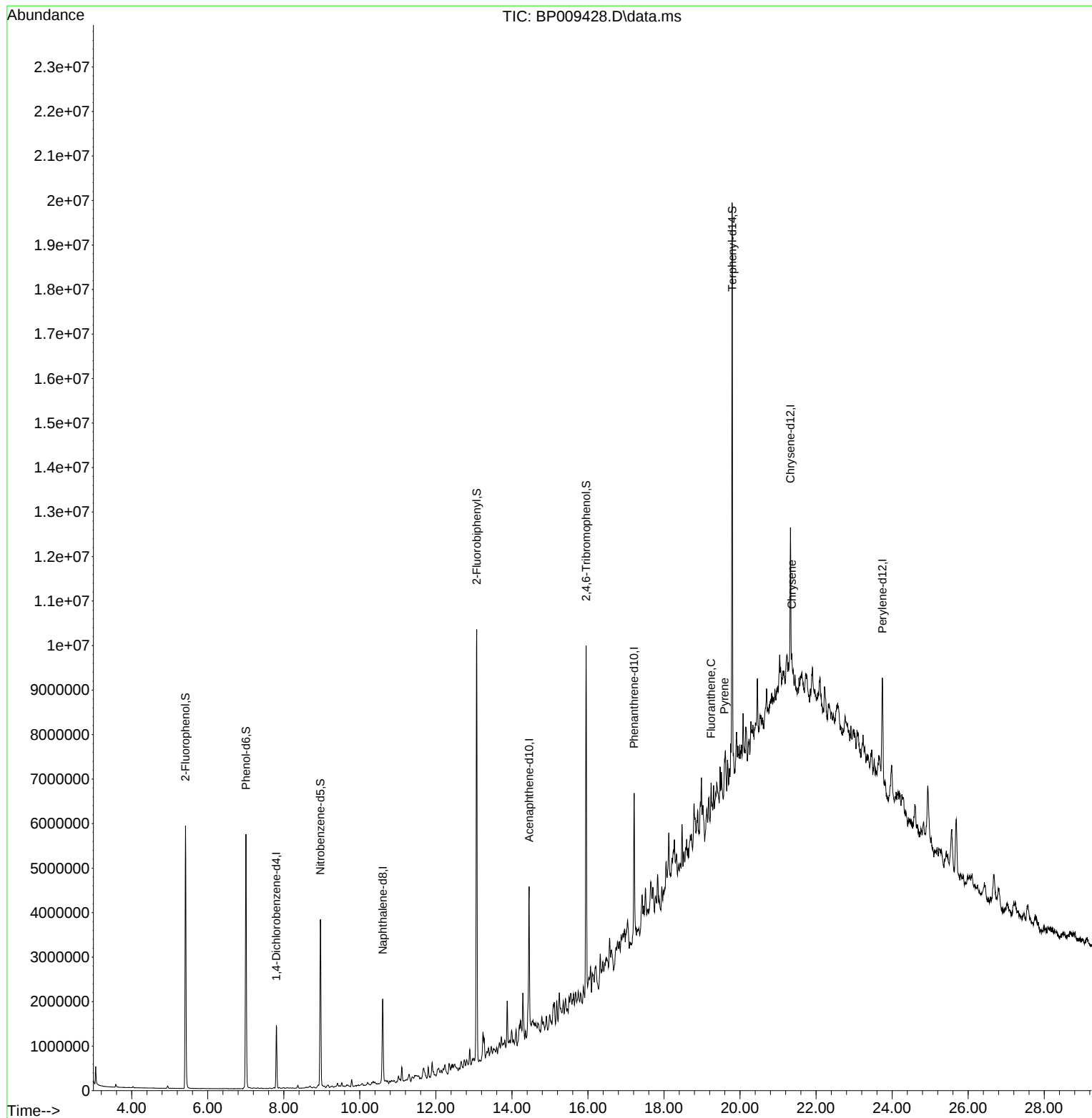
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	445749	20.000	ng	-0.02
21) Naphthalene-d8	10.604	136	1795180	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1133381	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	2160197	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1684988	20.000	ng	0.00
86) Perylene-d12	23.745	264	1808027	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2953758	96.726	ng	0.00
7) Phenol-d6	7.005	99	3718315	95.816	ng	0.02
23) Nitrobenzene-d5	8.963	82	2472463	75.859	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	1977373	144.485	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	5650472	68.561	ng	-0.01
79) Terphenyl-d14	19.792	244	6813066	76.304	ng	0.00
Target Compounds						
75) Fluoranthene	19.239	202	309632	2.161	ng	Qvalue 87
78) Pyrene	19.592	202	489363	4.301	ng	# 92
83) Chrysene	21.363	228	306982	2.768	ng	# 58

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

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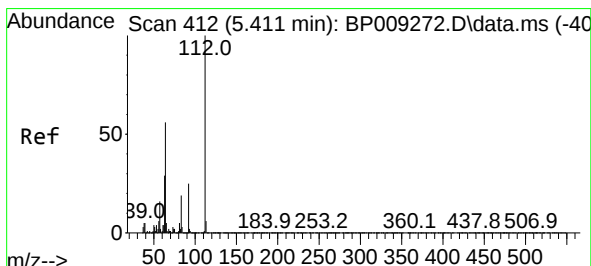
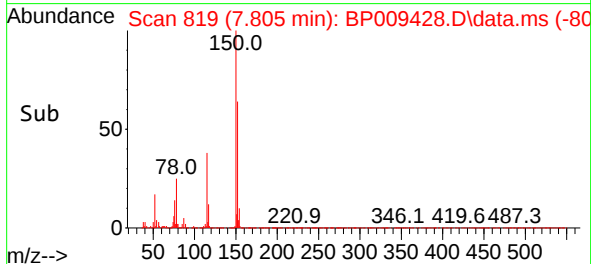
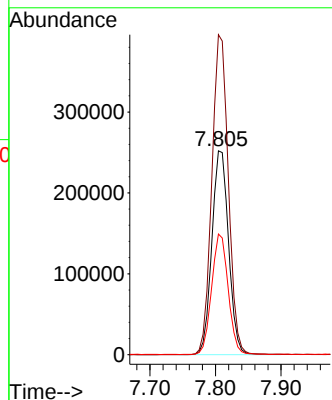
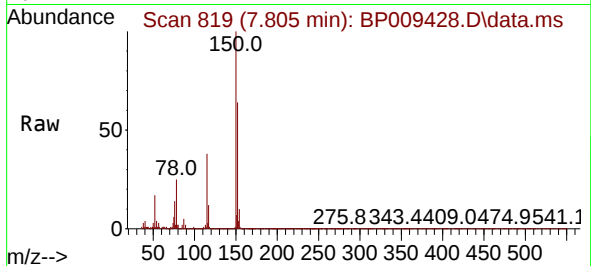




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP009428.D
Acq: 16 Mar 2022 18:19

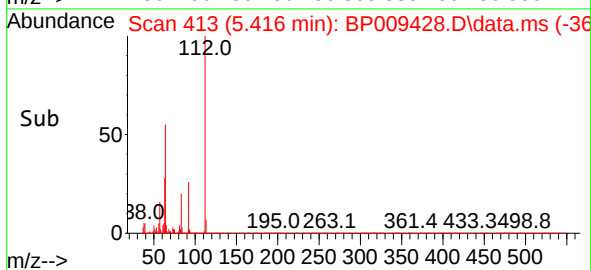
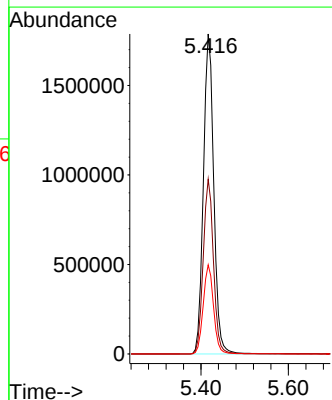
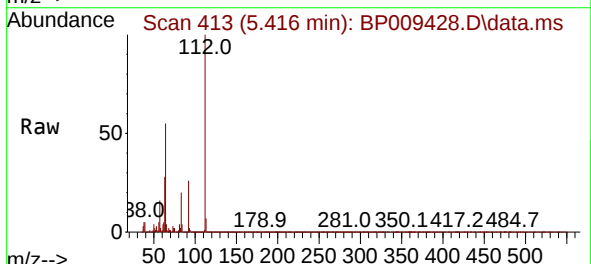
Instrument :
BNA_P
ClientSampleId :
DB-14-(13-15)-3-12-22

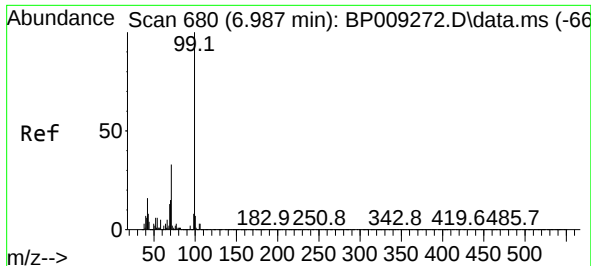
Tgt Ion:152 Resp: 445749
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 59.2 48.2 72.4



#5
2-Fluorophenol
Concen: 96.726 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009428.D
Acq: 16 Mar 2022 18:19

Tgt Ion:112 Resp: 2953758
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 27.8 23.0 34.6

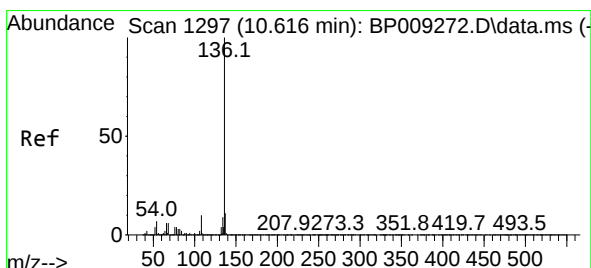
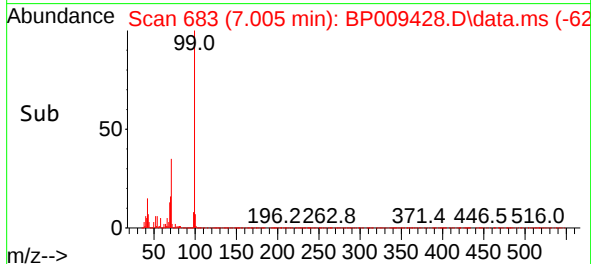
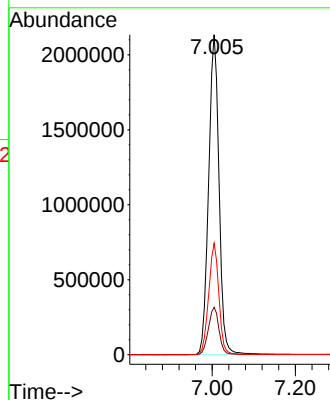
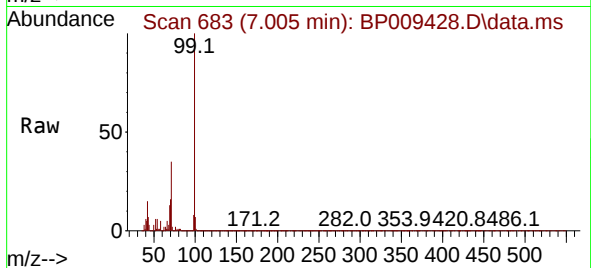




#7
Phenol-d6
Concen: 95.816 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009428.D
Acq: 16 Mar 2022 18:19

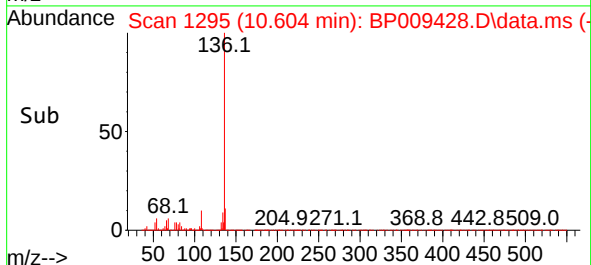
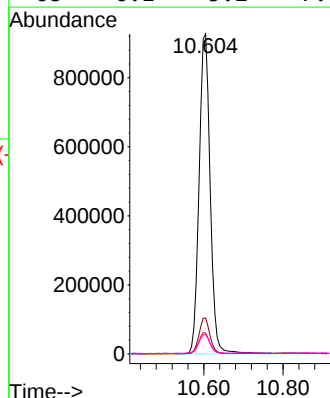
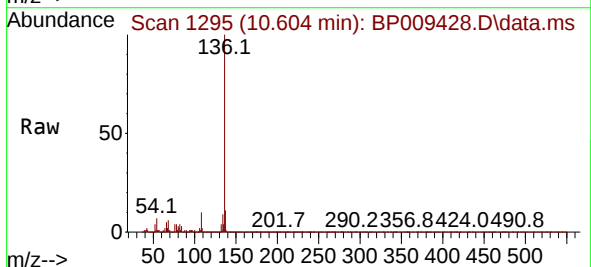
Instrument :
BNA_P
ClientSampleId :
DB-14-(13-15)-3-12-22

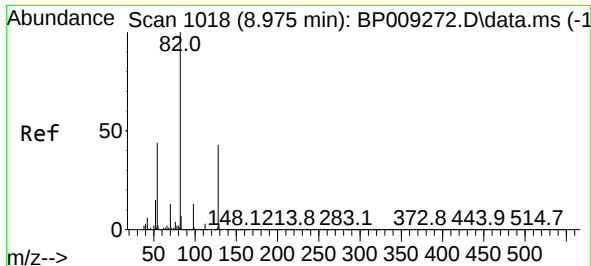
Tgt Ion: 99 Resp: 3718315
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 34.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009428.D
Acq: 16 Mar 2022 18:19

Tgt Ion: 136 Resp: 1795180
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.5 5.8 8.8
68 6.1 5.2 7.8

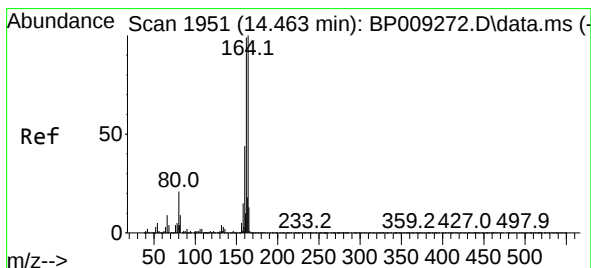
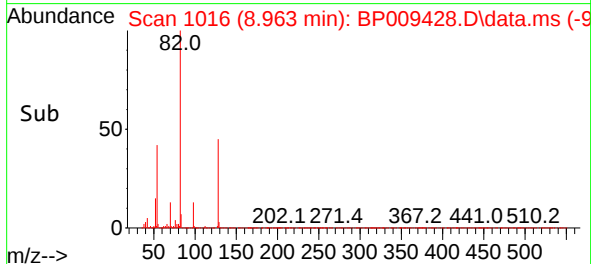
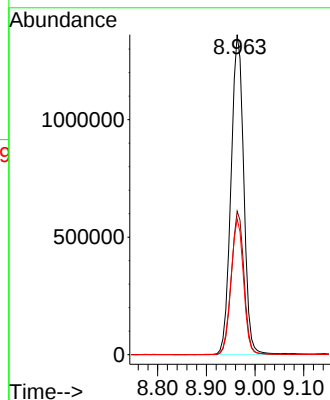
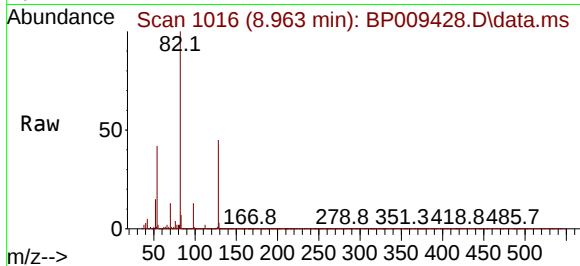




#23
Nitrobenzene-d5
Concen: 75.859 ng
RT: 8.963 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP009428.D
Acq: 16 Mar 2022 18:19

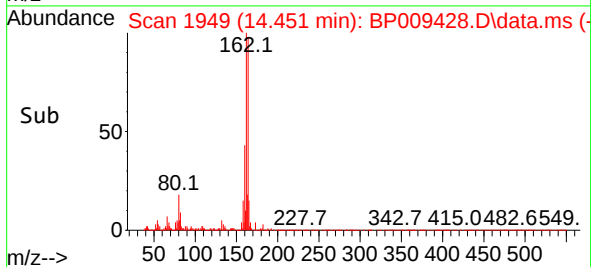
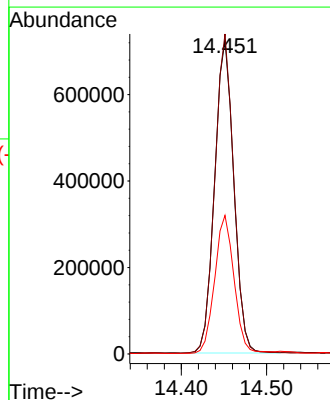
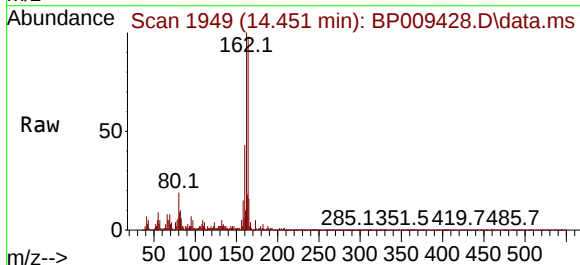
Instrument :
BNA_P
ClientSampleId :
DB-14-(13-15)-3-12-22

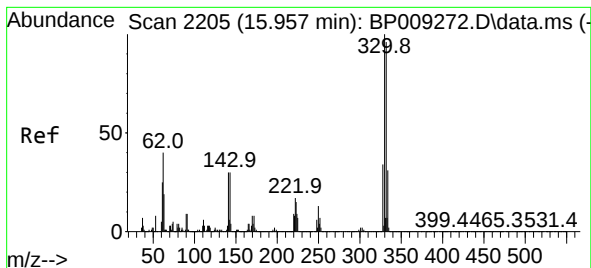
Tgt Ion: 82 Resp: 2472463
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.4
54 42.4 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009428.D
Acq: 16 Mar 2022 18:19

Tgt Ion:164 Resp: 1133381
Ion Ratio Lower Upper
164 100
162 102.0 79.1 118.7
160 44.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 144.485 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009428.D

Acq: 16 Mar 2022 18:19

Instrument :

BNA_P

ClientSampleId :

DB-14-(13-15)-3-12-22

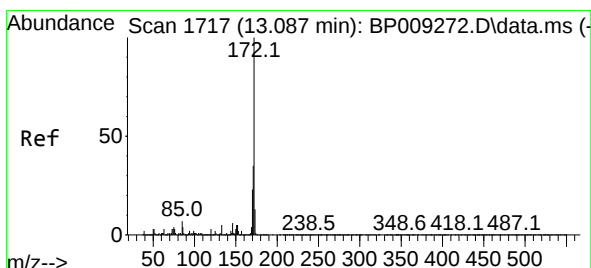
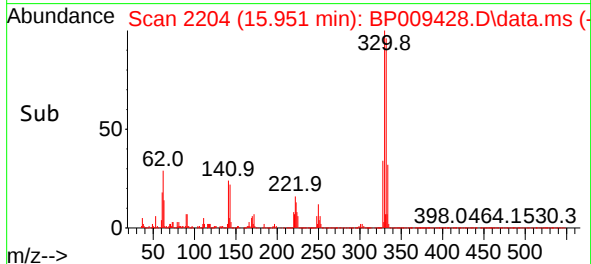
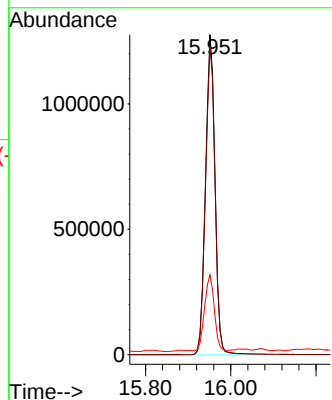
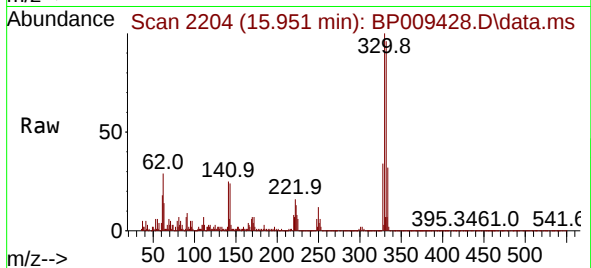
Tgt Ion:330 Resp: 1977373

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 24.5 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 68.561 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP009428.D

Acq: 16 Mar 2022 18:19

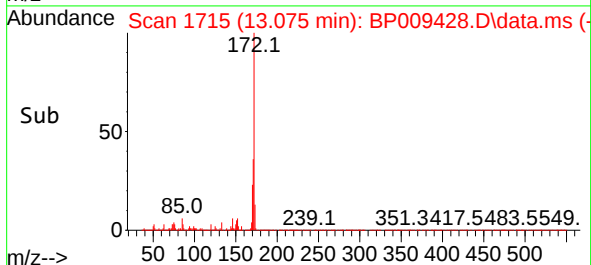
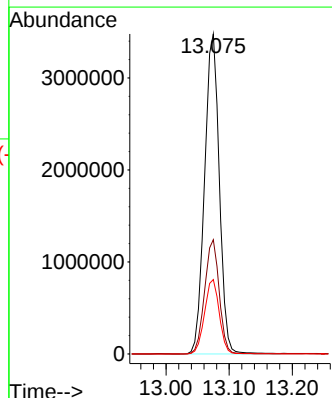
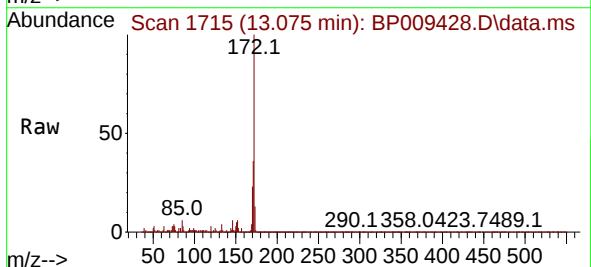
Tgt Ion:172 Resp: 5650472

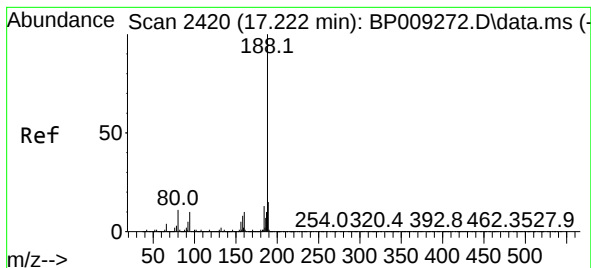
Ion Ratio Lower Upper

172 100

171 35.7 28.0 42.0

170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP009428.D

Acq: 16 Mar 2022 18:19

Instrument :

BNA_P

ClientSampleId :

DB-14-(13-15)-3-12-22

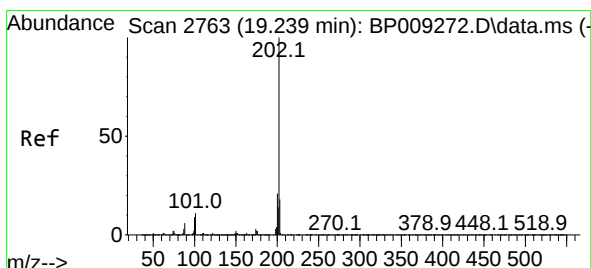
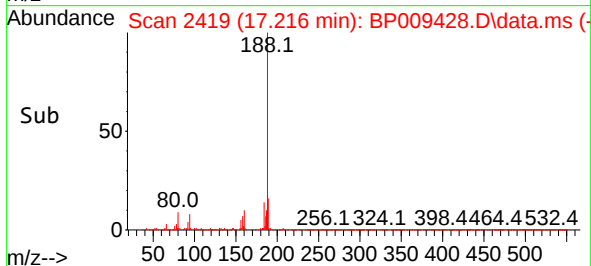
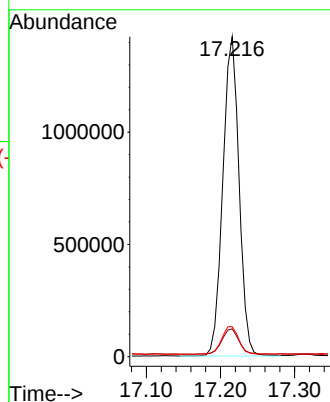
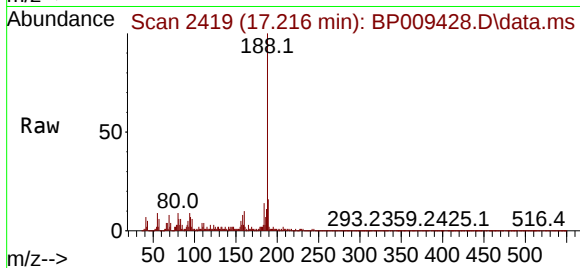
Tgt Ion:188 Resp: 2160197

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

80 9.4 8.8 13.2



#75

Fluoranthene

Concen: 2.161 ng

RT: 19.239 min Scan# 2763

Delta R.T. -0.000 min

Lab File: BP009428.D

Acq: 16 Mar 2022 18:19

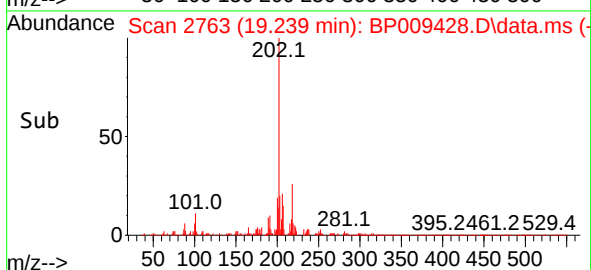
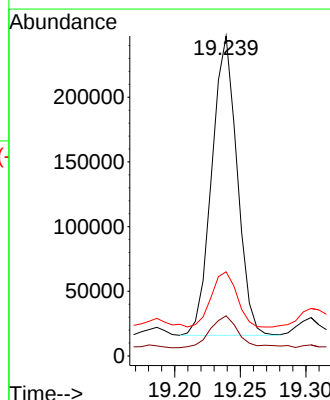
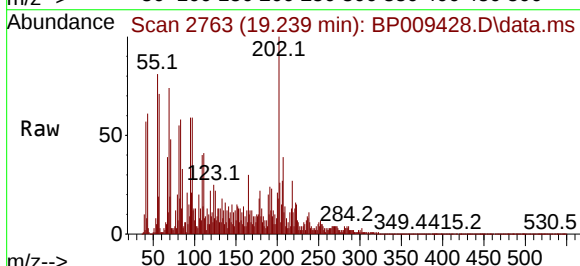
Tgt Ion:202 Resp: 309632

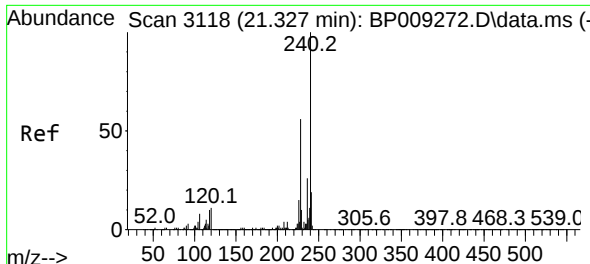
Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.5

203 26.3 0.0 37.8

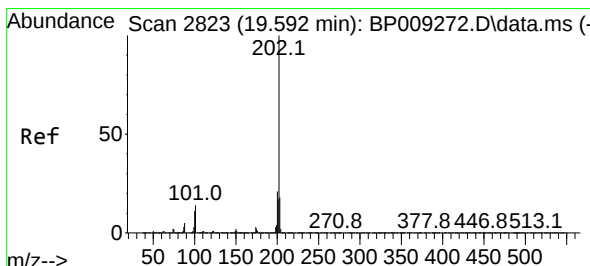
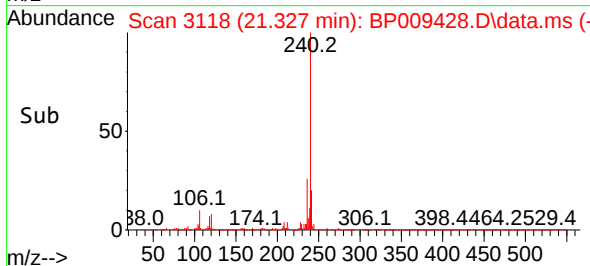
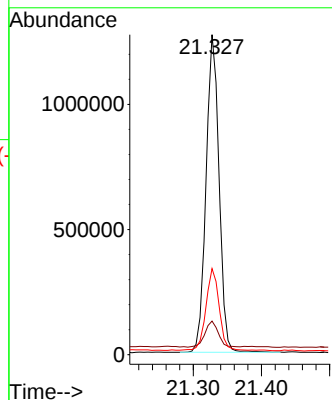
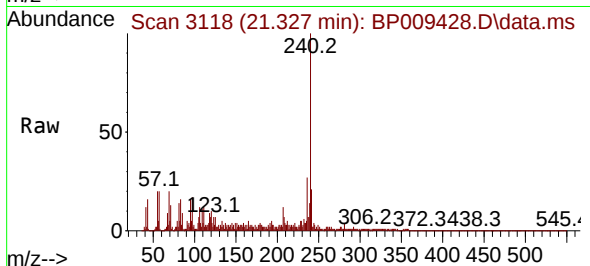




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009428.D
Acq: 16 Mar 2022 18:19

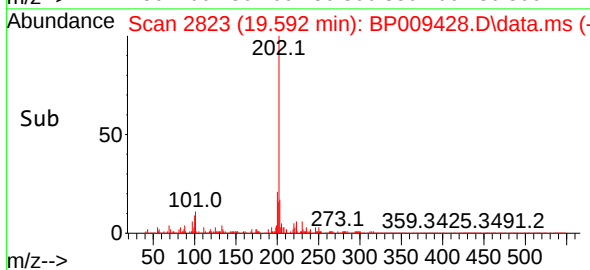
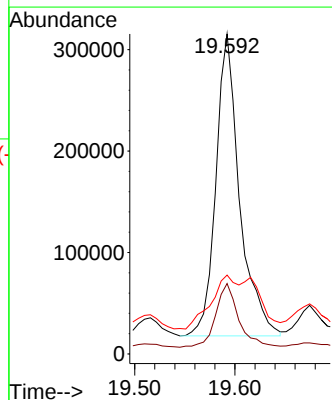
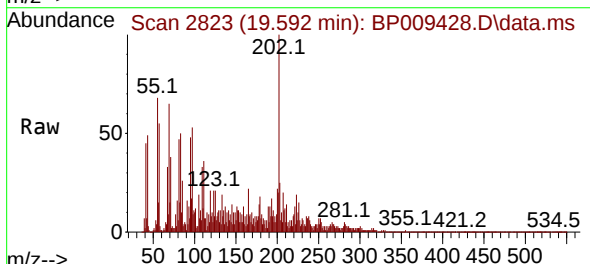
Instrument :
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DB-14-(13-15)-3-12-22

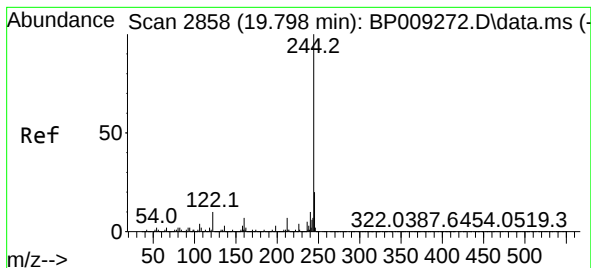
Tgt Ion:240 Resp: 1684988
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.9 20.6 30.8



#78
Pyrene
Concen: 4.301 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009428.D
Acq: 16 Mar 2022 18:19

Tgt Ion:202 Resp: 489363
Ion Ratio Lower Upper
202 100
200 22.0 16.8 25.2
203 24.7 14.2 21.4#





#79

Terphenyl-d14

Concen: 76.304 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009428.D

Acq: 16 Mar 2022 18:19

Instrument :

BNA_P

ClientSampleId :

DB-14-(13-15)-3-12-22

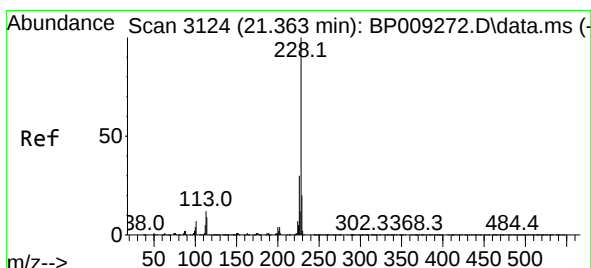
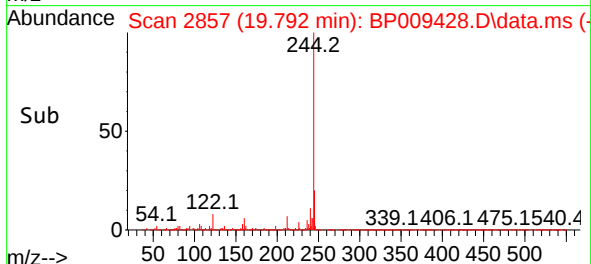
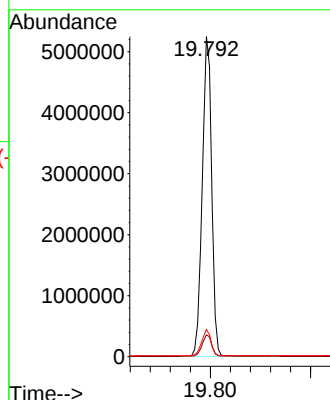
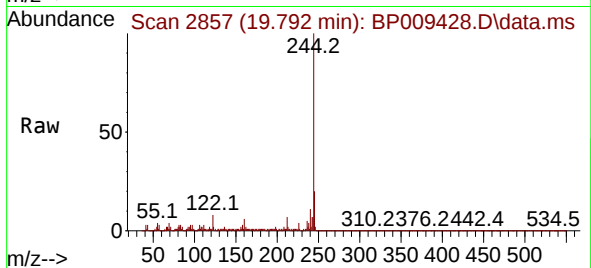
Tgt Ion:244 Resp: 6813066

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 8.5 8.3 12.5



#83

Chrysene

Concen: 2.768 ng

RT: 21.363 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BP009428.D

Acq: 16 Mar 2022 18:19

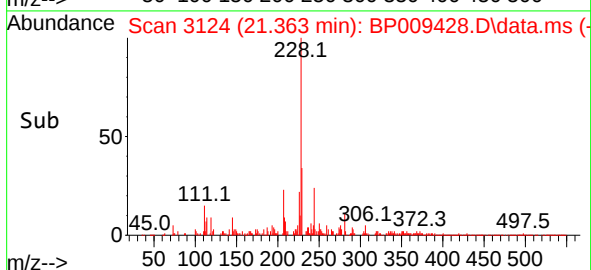
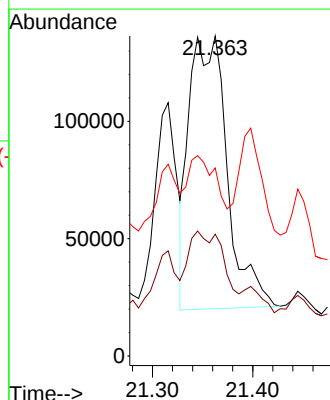
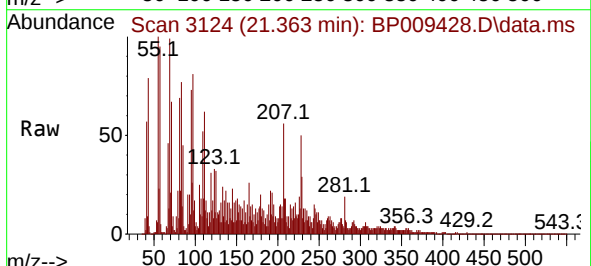
Tgt Ion:228 Resp: 306982

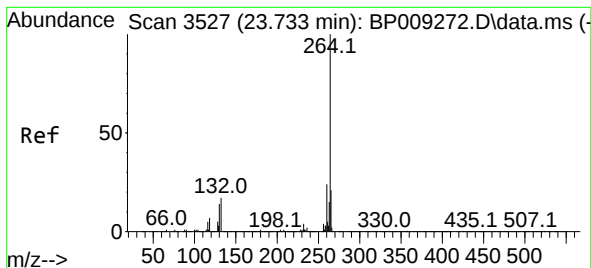
Ion Ratio Lower Upper

228 100

226 38.1 24.2 36.2#

229 58.8 16.1 24.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP009428.D

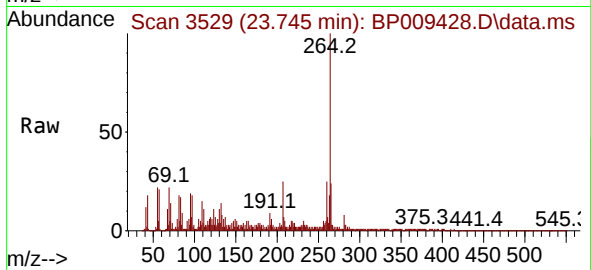
Acq: 16 Mar 2022 18:19

Instrument :

BNA_P

ClientSampleId :

DB-14-(13-15)-3-12-22



Tgt Ion:264 Resp: 1808027

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.0

265 23.9 17.2 25.8

