

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
 Data File : BP008382.D
 Acq On : 13 Dec 2021 18:25
 Operator : CG/JU
 Sample : M4965-06RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RED-CONCRETE-GRAB-2RE

Quant Time: Dec 14 02:20:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

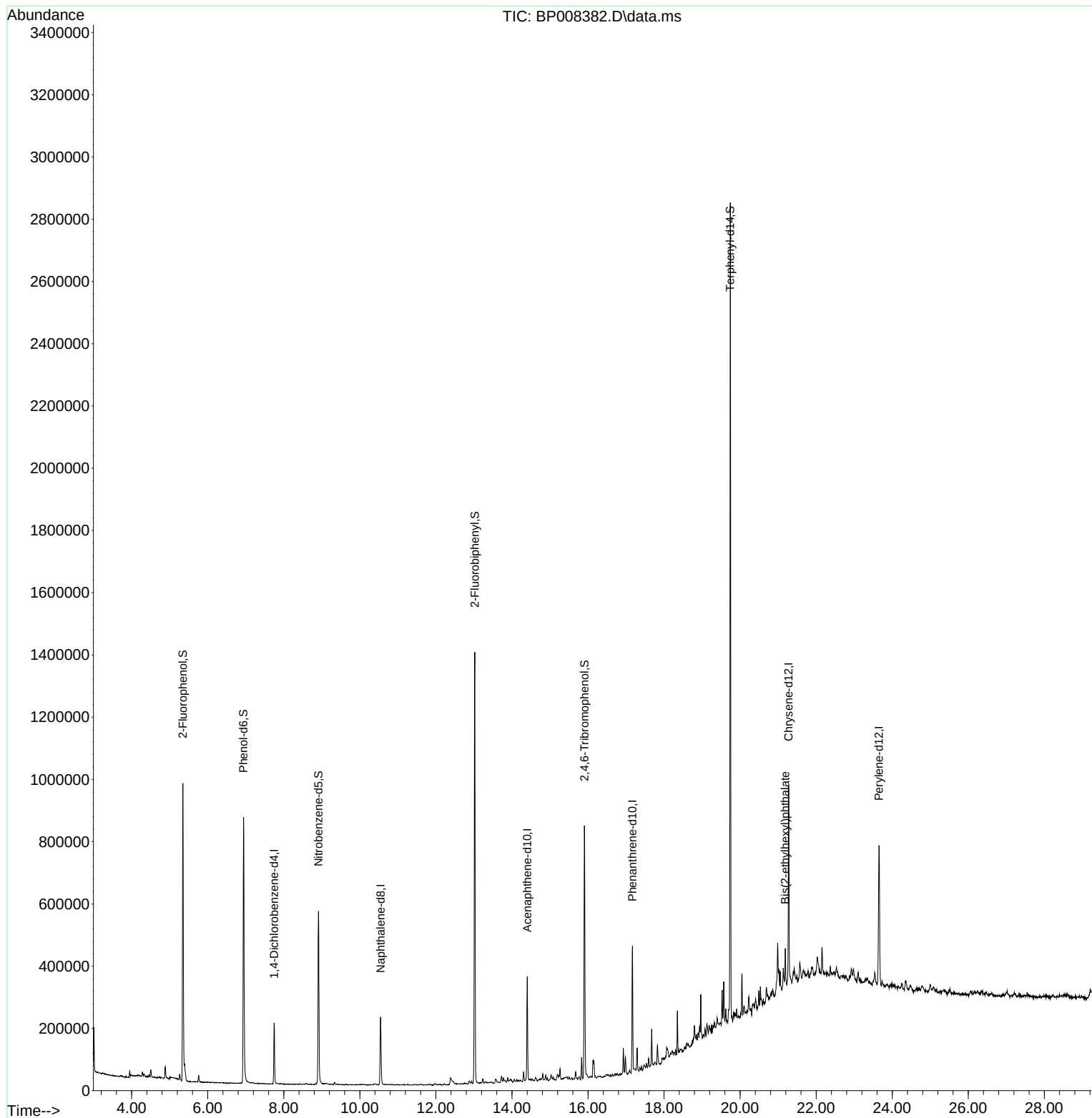
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	50303	20.000	ng	-0.02
21) Naphthalene-d8	10.546	136	181321	20.000	ng	-0.01
39) Acenaphthene-d10	14.404	164	112804	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	239072	20.000	ng	-0.01
76) Chrysene-d12	21.275	240	298026	20.000	ng	-0.01
86) Perylene-d12	23.651	264	355200	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	381676	122.167	ng	-0.01
7) Phenol-d6	6.940	99	496451	117.713	ng	-0.01
23) Nitrobenzene-d5	8.910	82	343009	86.023	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	166292	115.334	ng	-0.01
45) 2-Fluorobiphenyl	13.022	172	676089	87.058	ng	-0.01
79) Terphenyl-d14	19.739	244	1191328	83.543	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.893	77	201	Below Cal	#	21
78) Pyrene	19.545	202	11454	Below Cal		95
84) Bis(2-ethylhexyl)phtha...	21.186	149	33553	2.604 ng	#	96

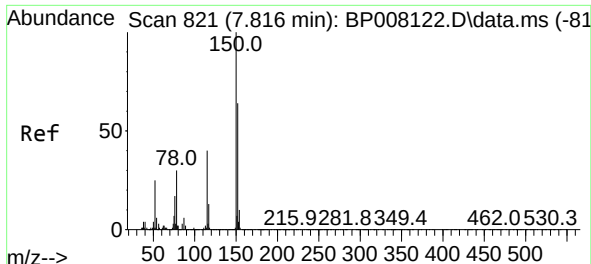
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

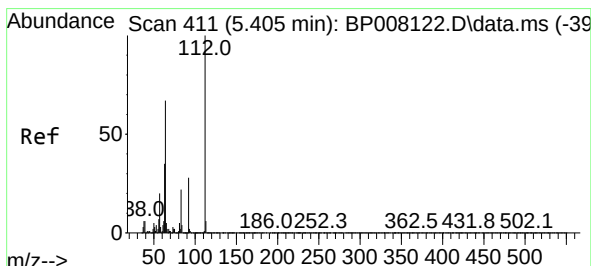
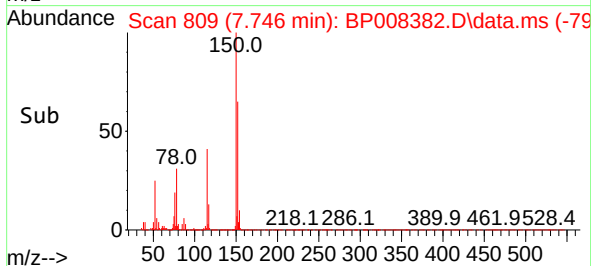
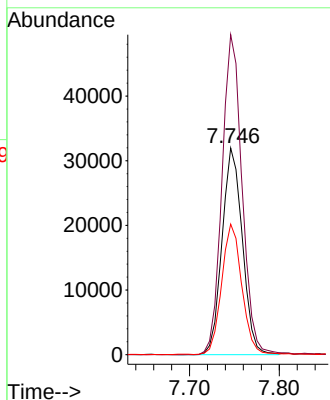
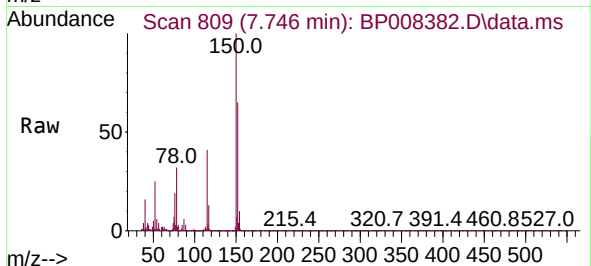




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

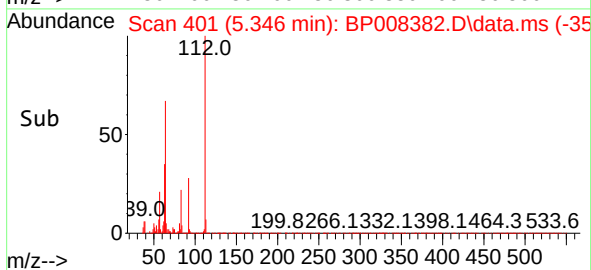
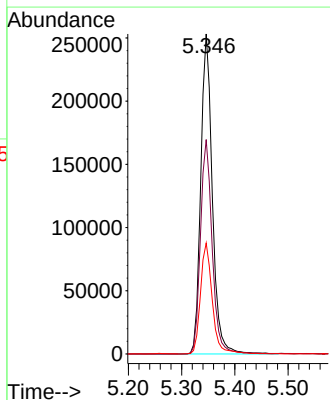
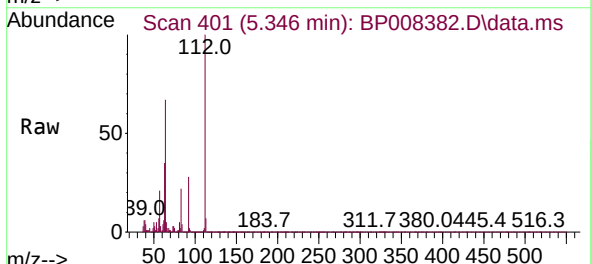
Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-GRAB-2RE

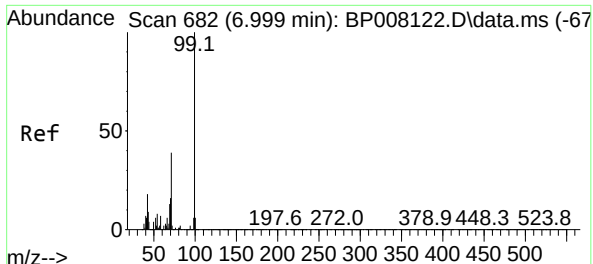
Tgt Ion:152 Resp: 50303
Ion Ratio Lower Upper
152 100
150 154.8 125.7 188.5
115 63.2 50.7 76.1



#5
2-Fluorophenol
Concen: 122.167 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

Tgt Ion:112 Resp: 381676
Ion Ratio Lower Upper
112 100
64 67.0 53.4 80.2
63 34.7 27.8 41.8

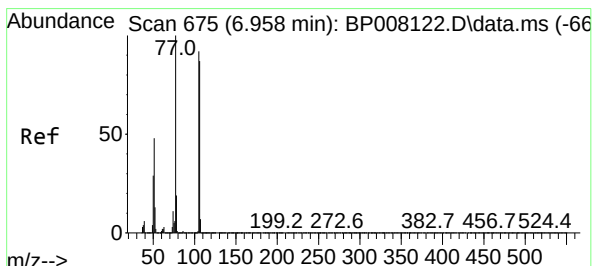
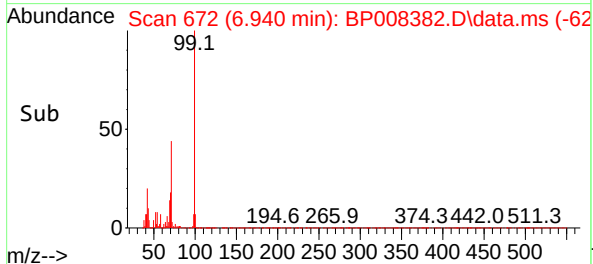
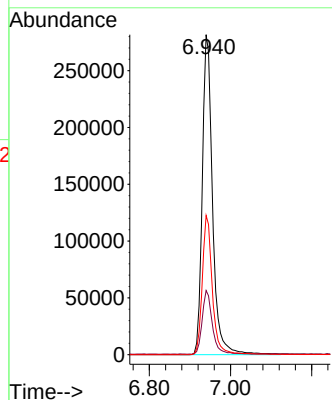
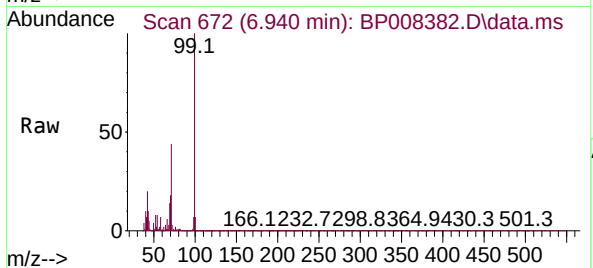




#7
Phenol-d6
Concen: 117.713 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

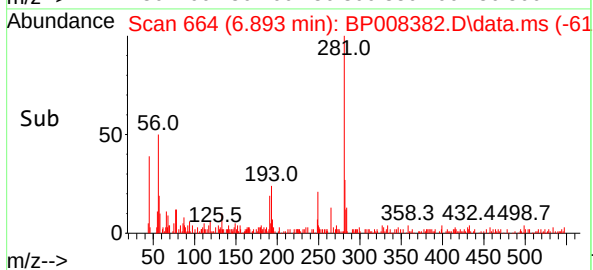
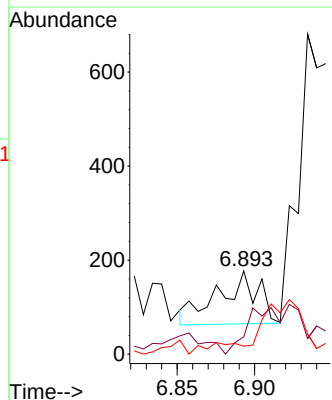
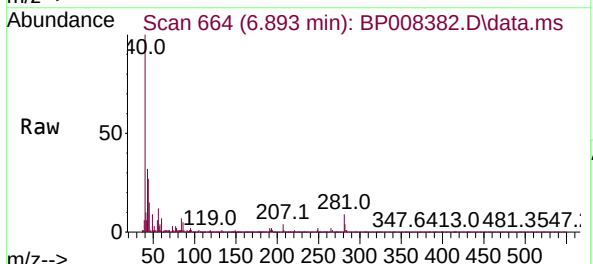
Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-GRAB-2RE

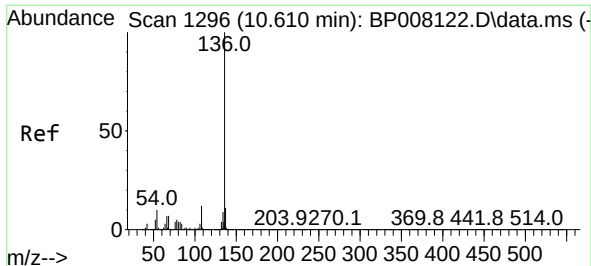
Tgt Ion: 99 Resp: 496451
Ion Ratio Lower Upper
99 100
42 20.1 14.6 22.0
71 43.5 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.893 min Scan# 664
Delta R.T. -0.018 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

Tgt Ion: 77 Resp: 201
Ion Ratio Lower Upper
77 100
105 20.9 71.8 111.8#
106 9.6 67.3 107.3#

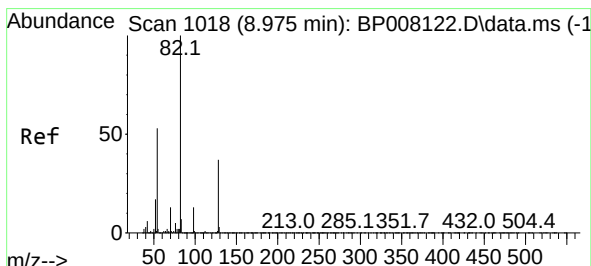
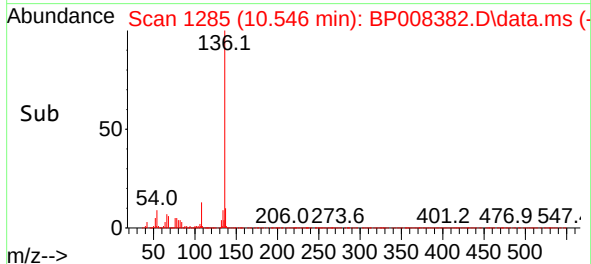
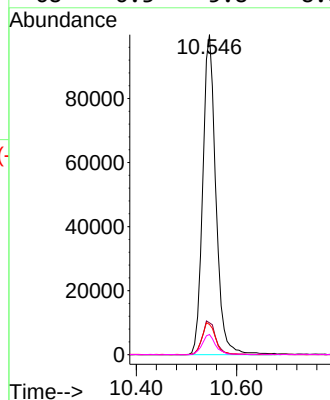
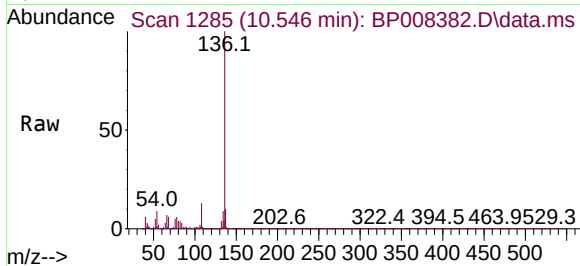




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

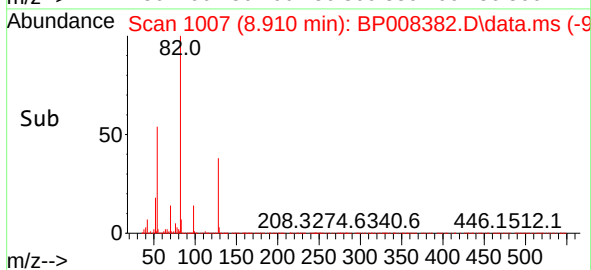
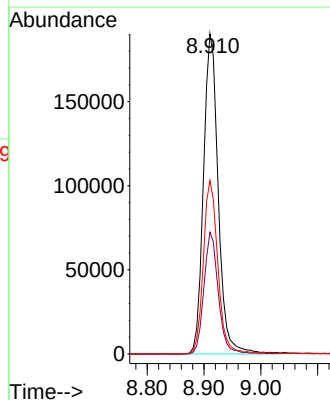
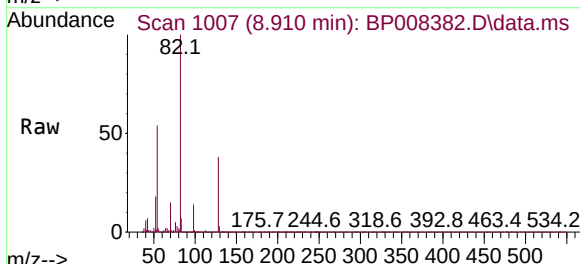
Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-GRAB-2RE

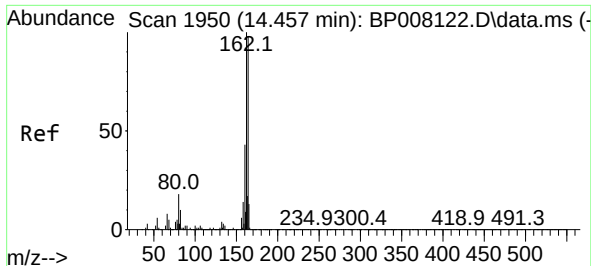
Tgt Ion:	136	Resp:	181321
Ion Ratio	Lower	Upper	
136	100		
137	10.0	9.0	13.6
54	9.5	8.2	12.4
68	6.3	5.8	8.8



#23
Nitrobenzene-d5
Concen: 86.023 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

Tgt Ion:	82	Resp:	343009
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.6	44.4
54	54.2	42.7	64.1

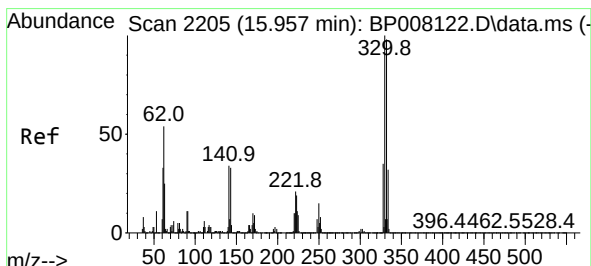
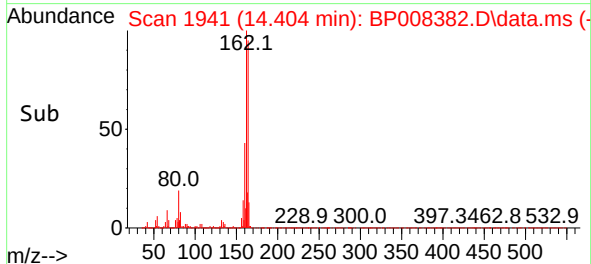
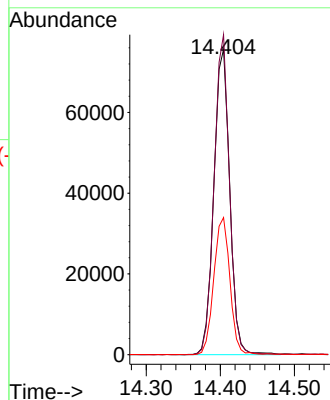
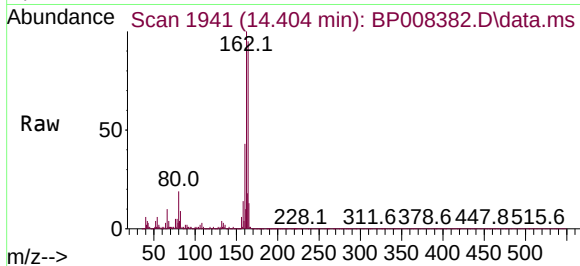




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

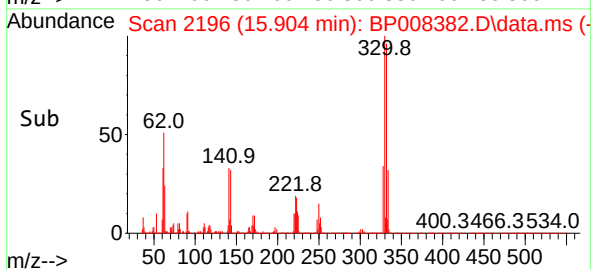
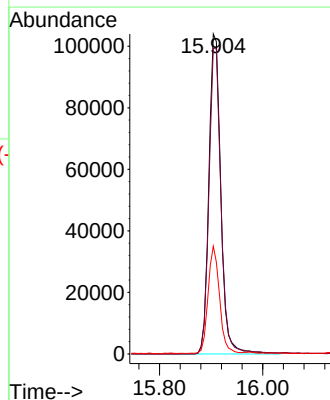
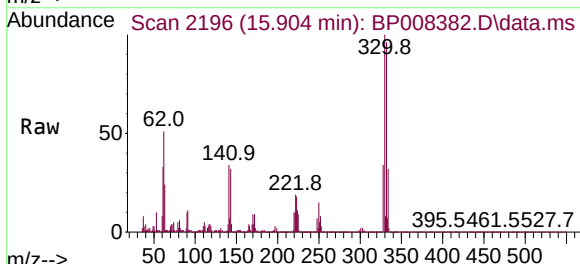
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BNA_P
ClientSampleId :
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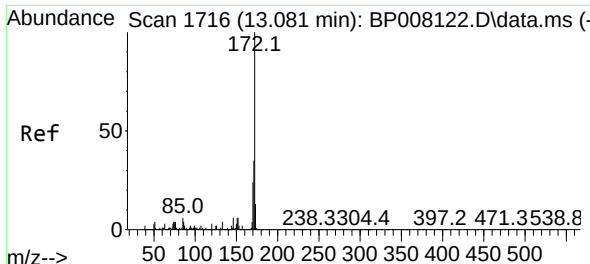
Tgt Ion:164 Resp: 112804
Ion Ratio Lower Upper
164 100
162 104.8 81.9 122.9
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 115.334 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

Tgt Ion:330 Resp: 166292
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 32.1 28.4 42.6

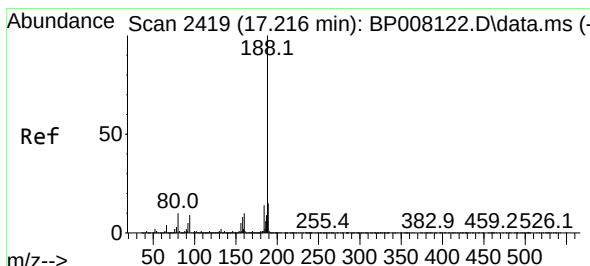
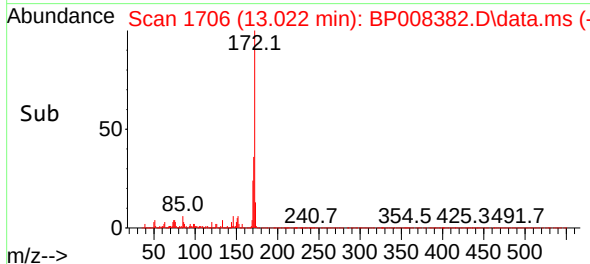
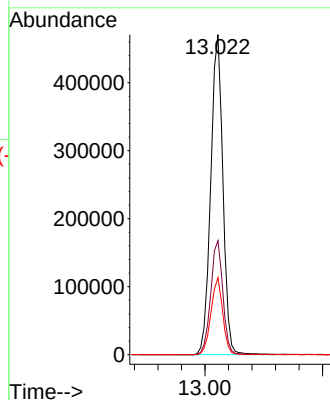
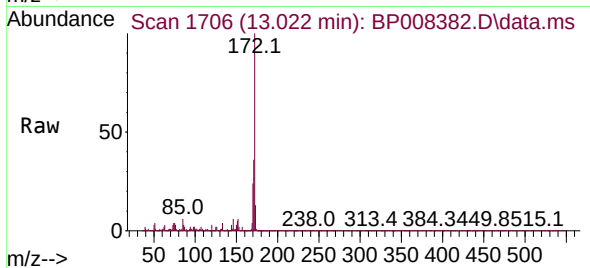




#45
2-Fluorobiphenyl
Concen: 87.058 ng
RT: 13.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

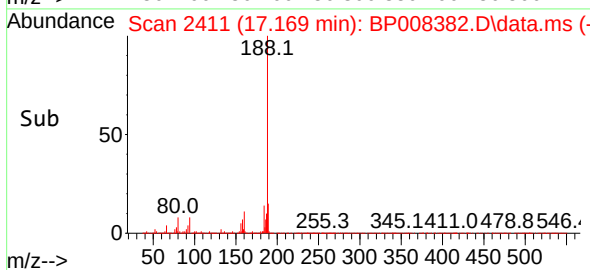
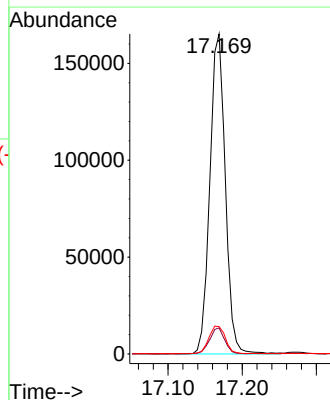
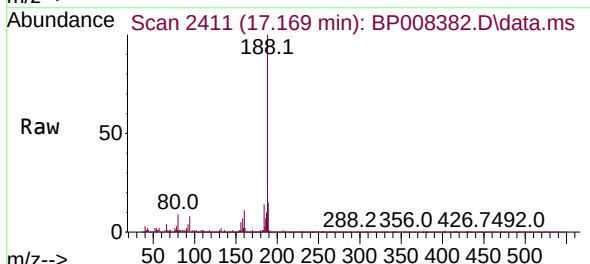
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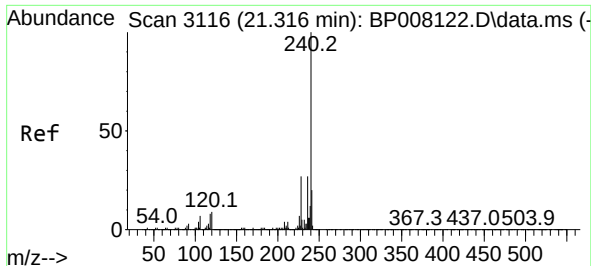
Tgt Ion:172 Resp: 676089
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

Tgt Ion:188 Resp: 239072
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.6 8.2 12.4

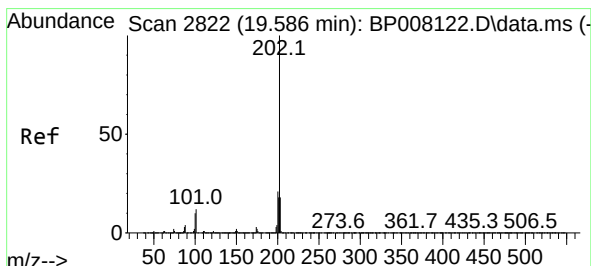
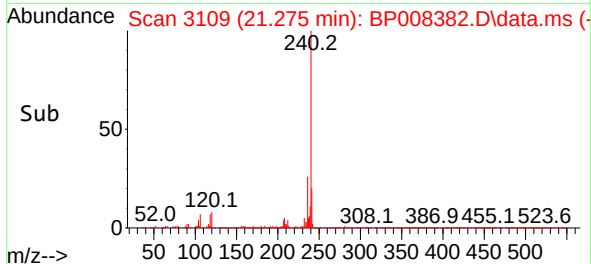
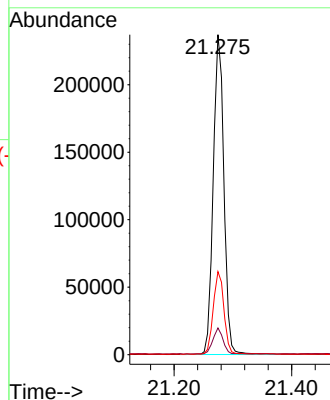
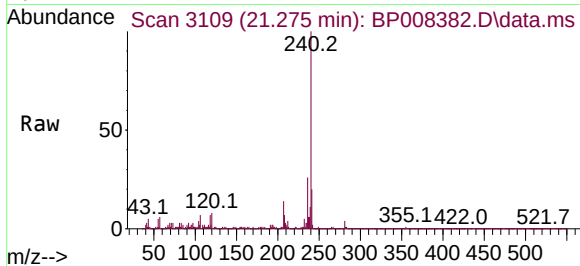




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

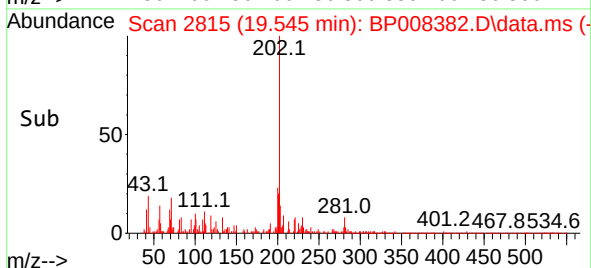
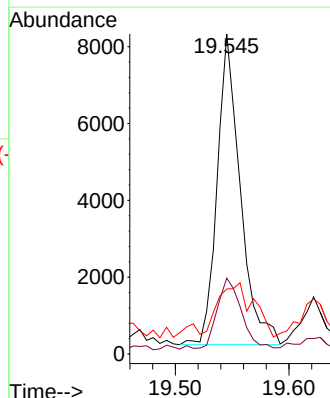
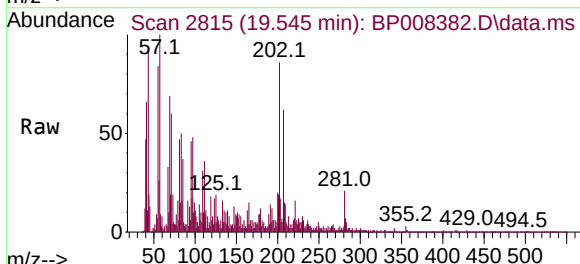
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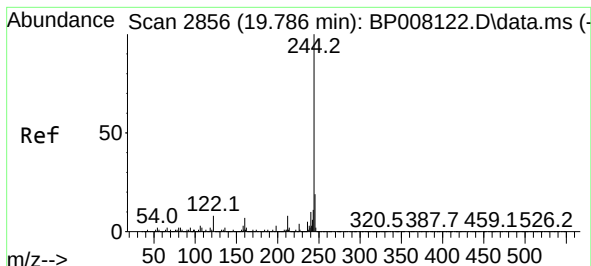
Tgt Ion:240 Resp: 298026
Ion Ratio Lower Upper
240 100
120 8.4 7.3 10.9
236 25.9 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.545 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

Tgt Ion:202 Resp: 11454
Ion Ratio Lower Upper
202 100
200 23.7 17.1 25.7
203 20.3 14.2 21.2





#79

Terphenyl-d14

Concen: 83.543 ng

RT: 19.739 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP008382.D

Acq: 13 Dec 2021 18:25

Instrument :

BNA_P

ClientSampleId :

RED-CONCRETE-GRAB-2RE

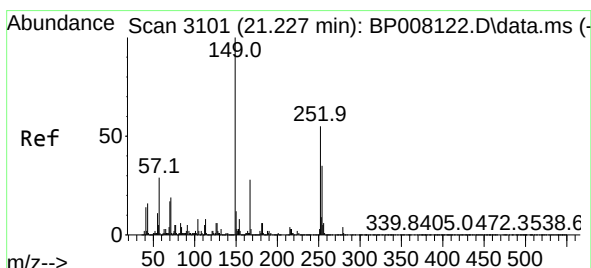
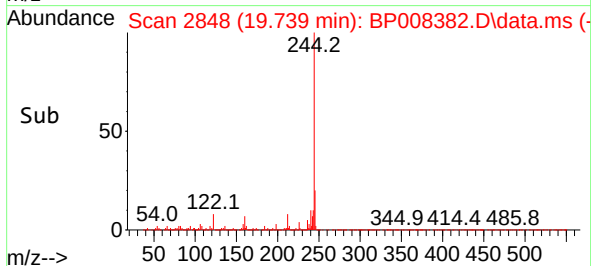
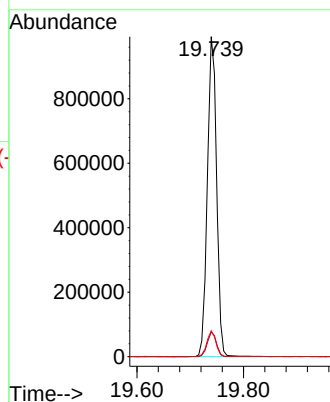
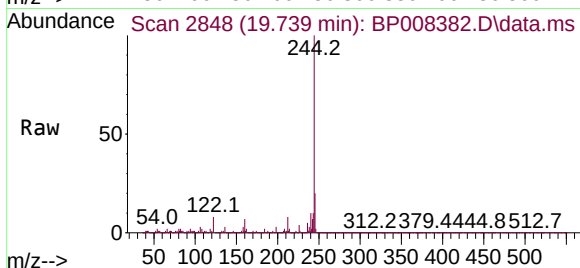
Tgt Ion:244 Resp: 1191328

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 8.1 6.6 9.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.604 ng

RT: 21.186 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BP008382.D

Acq: 13 Dec 2021 18:25

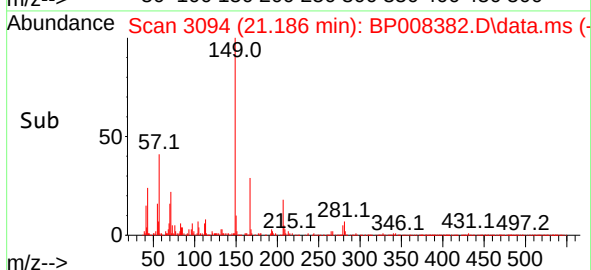
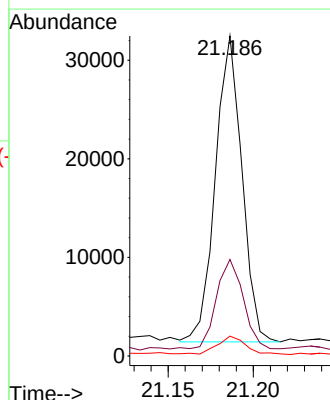
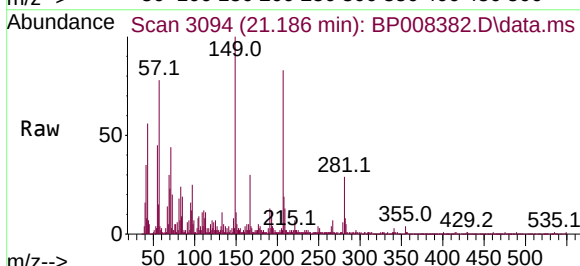
Tgt Ion:149 Resp: 33553

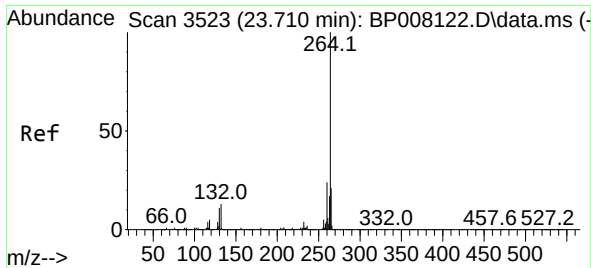
Ion Ratio Lower Upper

149 100

167 30.1 22.5 33.7

279 6.2 3.5 5.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.651 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP008382.D
Acq: 13 Dec 2021 18:25

Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-GRAB-2RE

Tgt Ion:264 Resp: 355200
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 23.7 17.6 26.4

