

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016417.D
 Acq On : 28 Jul 2023 11:38
 Operator : MA/JU
 Sample : PB154180BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154180BL

Quant Time: Jul 28 14:40:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	384845	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1556896	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	931695	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2141148	20.000	ng	0.00
76) Chrysene-d12	21.586	240	2022321	20.000	ng	0.00
86) Perylene-d12	24.186	264	2269942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	3419895	144.974	ng	0.00
7) Phenol-d6	7.222	99	4405661	136.256	ng	0.00
23) Nitrobenzene-d5	9.281	82	2564463	92.206	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	1556447	113.555	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	5843468	89.918	ng	0.00
79) Terphenyl-d14	20.045	244	9512750	99.366	ng	0.00

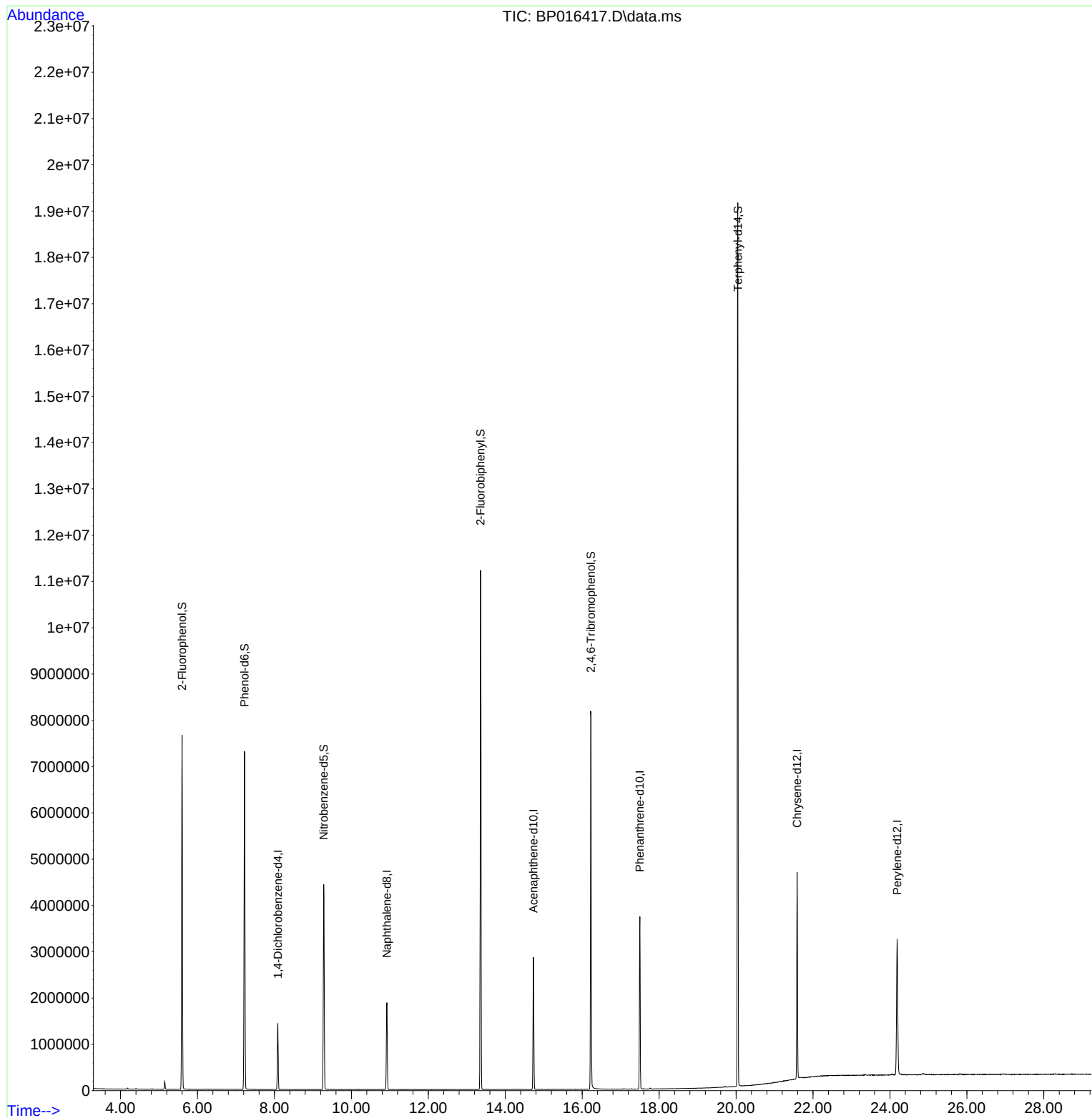
Target Compounds	Qvalue

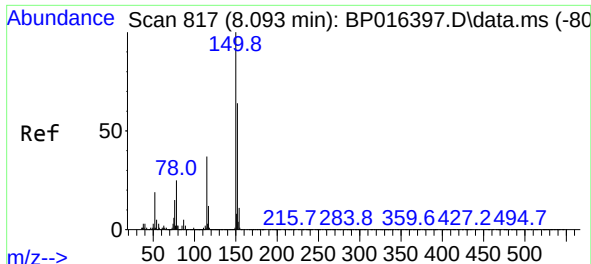
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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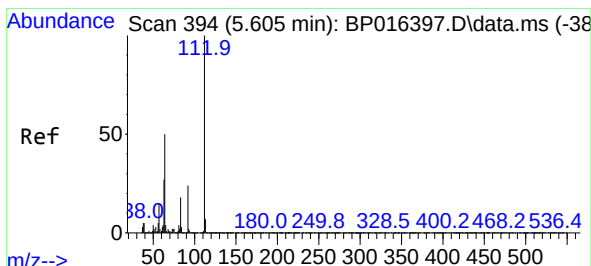
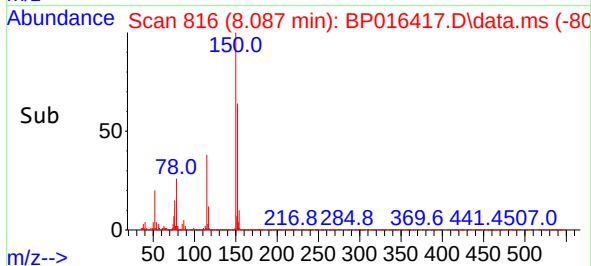
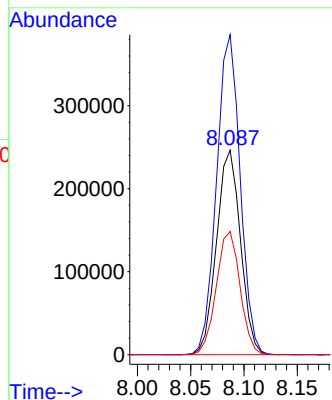
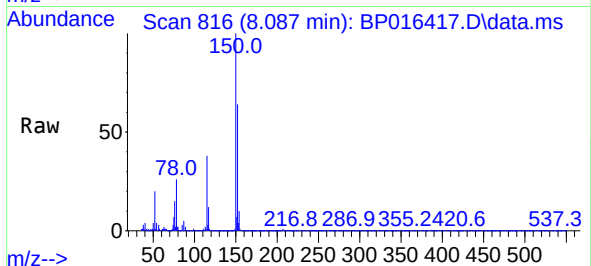




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP016417.D
Acq: 28 Jul 2023 11:38

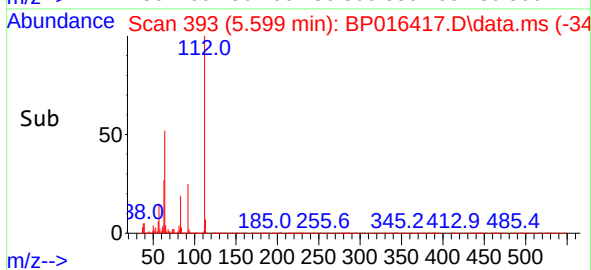
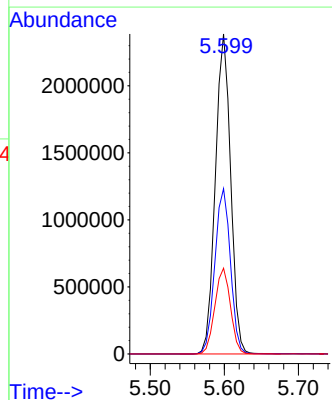
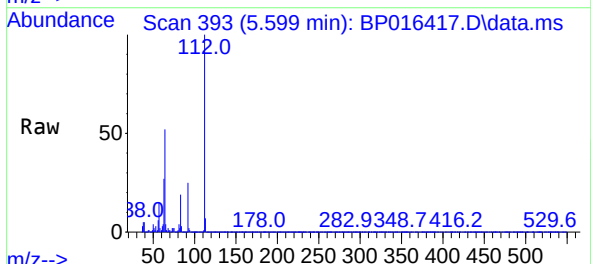
Instrument :
BNA_P
ClientSampleId :
PB154180BL

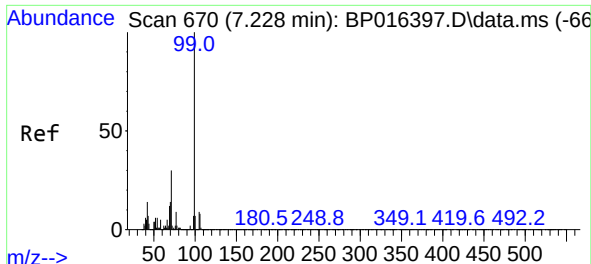
Tgt Ion:152 Resp: 384845
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 60.2 46.8 70.2



#5
2-Fluorophenol
Concen: 144.974 ng
RT: 5.599 min Scan# 393
Delta R.T. -0.006 min
Lab File: BP016417.D
Acq: 28 Jul 2023 11:38

Tgt Ion:112 Resp: 3419895
Ion Ratio Lower Upper
112 100
64 51.6 40.0 60.0
63 26.8 21.2 31.8

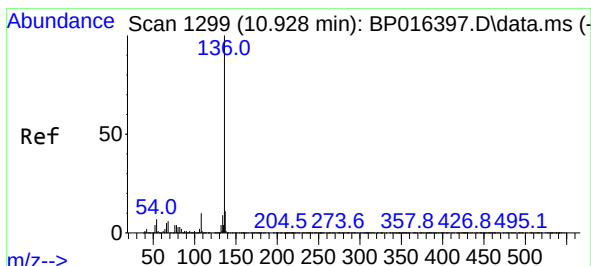
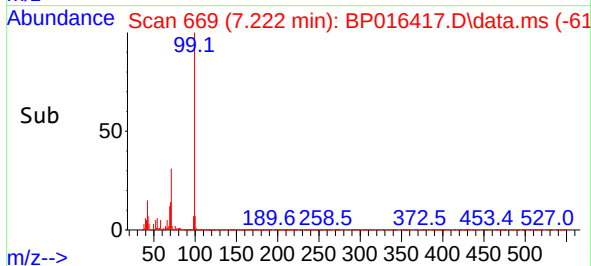
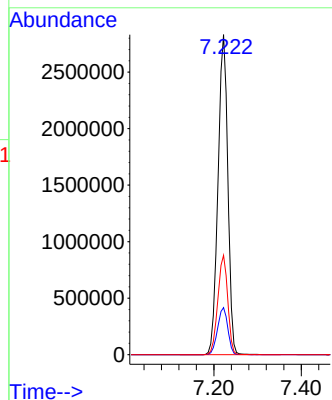
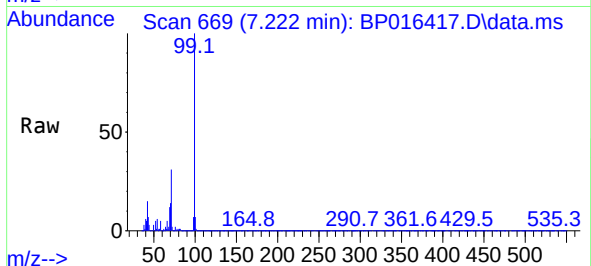




Phenol-d6
 Concen: 136.256 ng
 RT: 7.222 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP016417.D
 Acq: 28 Jul 2023 11:38

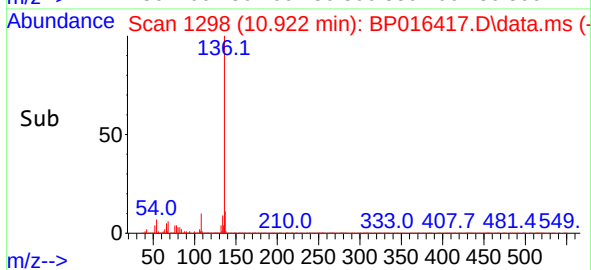
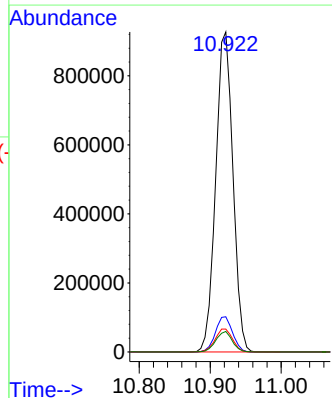
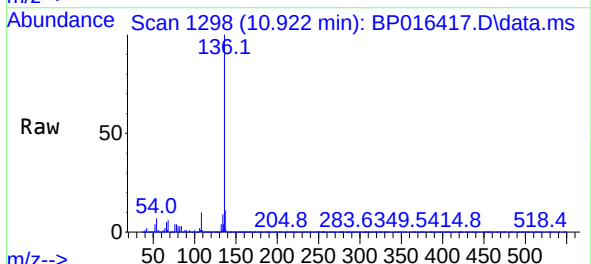
Instrument :
 BNA_P
 ClientSampleId :
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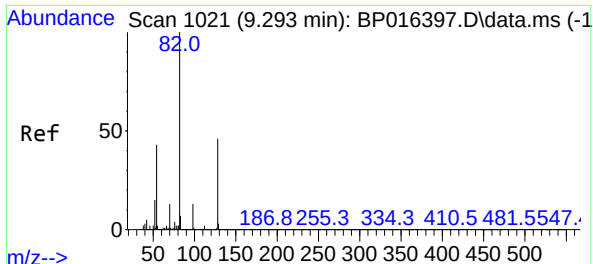
Tgt Ion: 99 Resp: 4405661
 Ion Ratio Lower Upper
 99 100
 42 14.7 11.6 17.4
 71 31.0 24.3 36.5



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.922 min Scan# 1298
 Delta R.T. -0.006 min
 Lab File: BP016417.D
 Acq: 28 Jul 2023 11:38

Tgt Ion:136 Resp: 1556896
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.6 13.0
 54 7.2 5.6 8.4
 68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.206 ng

RT: 9.281 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BP016417.D

Acq: 28 Jul 2023 11:38

Instrument :

BNA_P

ClientSampleId :

PB154180BL

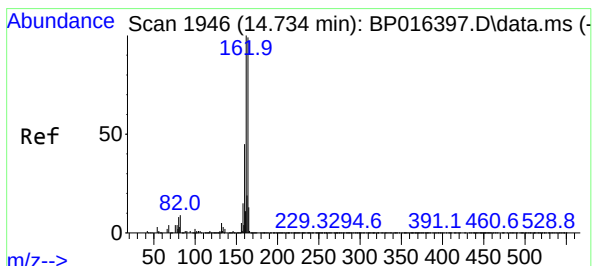
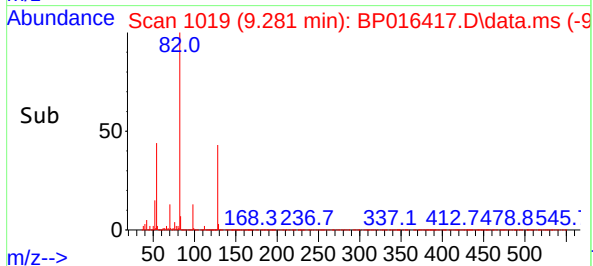
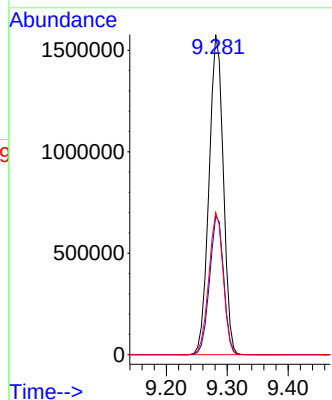
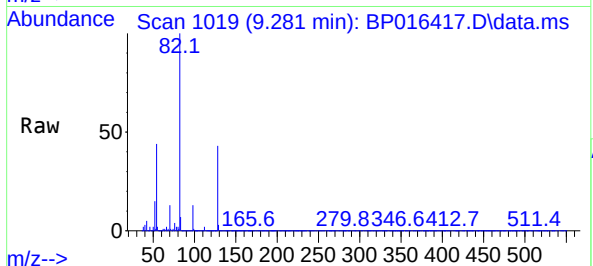
Tgt Ion: 82 Resp: 2564463

Ion Ratio Lower Upper

82 100

128 43.3 36.6 55.0

54 44.4 34.5 51.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BP016417.D

Acq: 28 Jul 2023 11:38

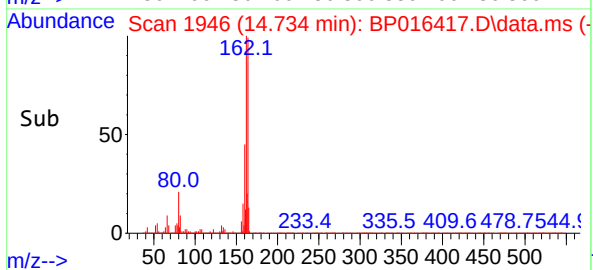
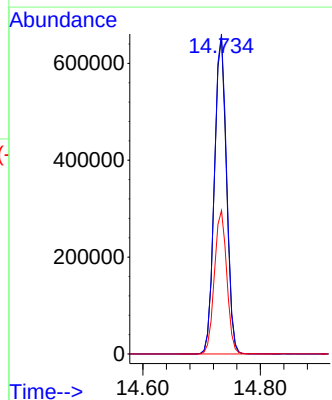
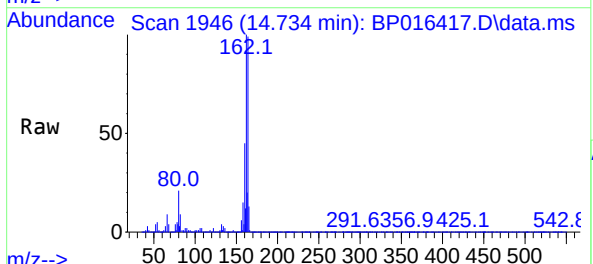
Tgt Ion:164 Resp: 931695

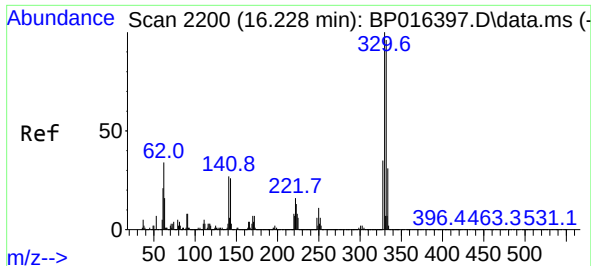
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.6

160 45.3 36.6 55.0

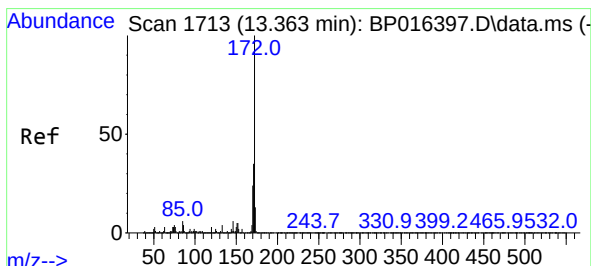
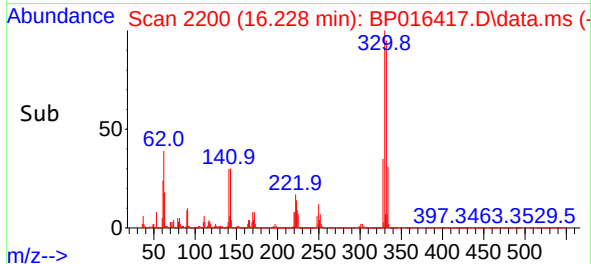
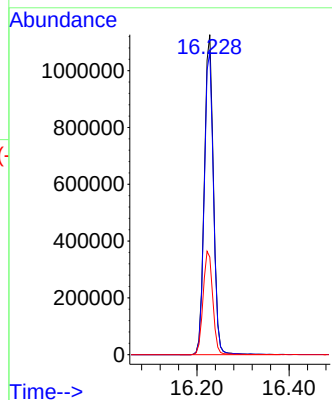
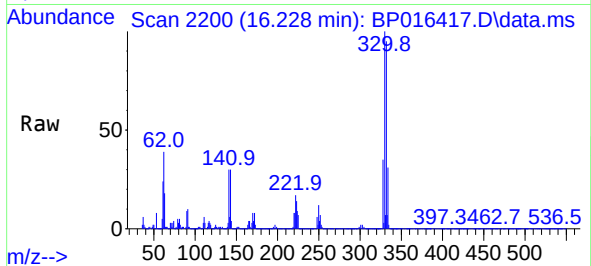




#42
2,4,6-Tribromophenol
Concen: 113.555 ng
RT: 16.228 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016417.D
Acq: 28 Jul 2023 11:38

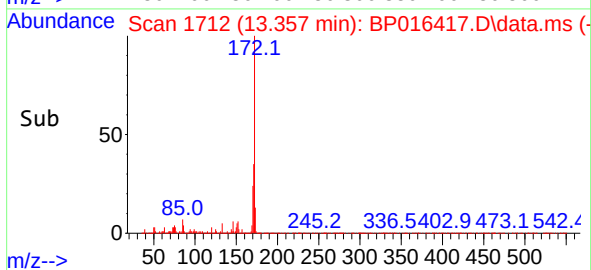
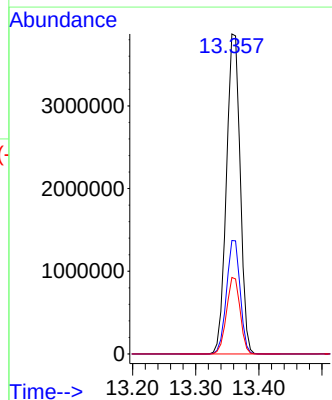
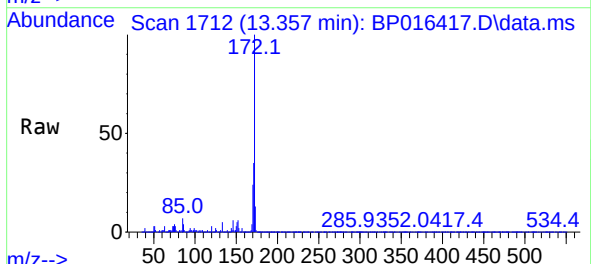
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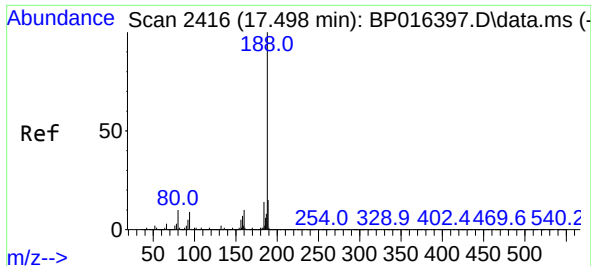
Tgt Ion:330 Resp: 1556447
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 34.4 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 89.918 ng
RT: 13.357 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP016417.D
Acq: 28 Jul 2023 11:38

Tgt Ion:172 Resp: 5843468
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.9 19.1 28.7

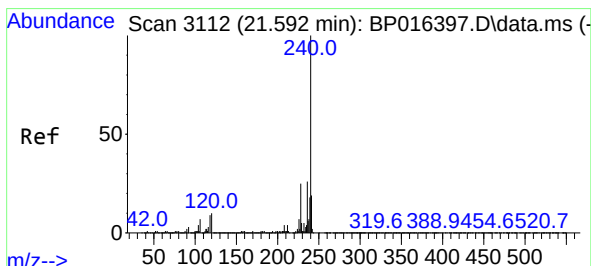
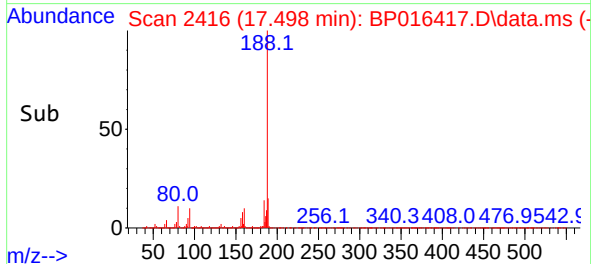
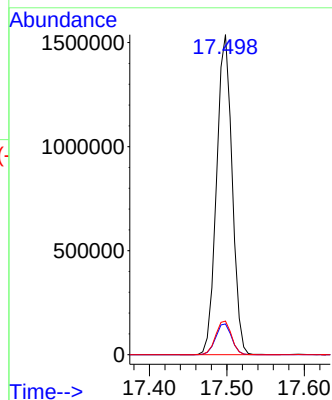
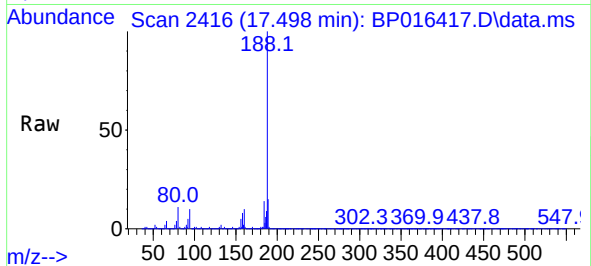




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP016417.D
Acq: 28 Jul 2023 11:38

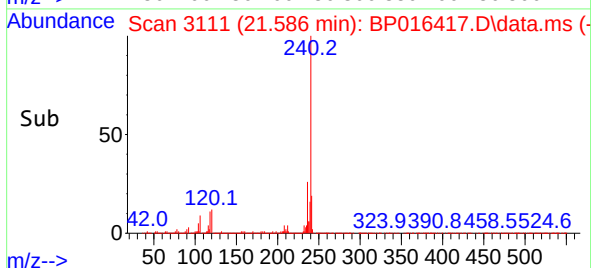
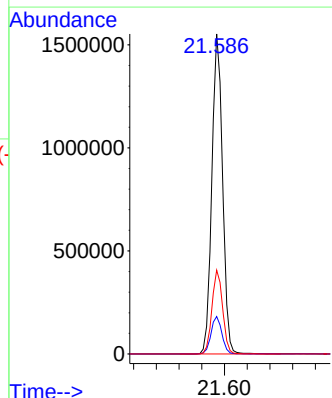
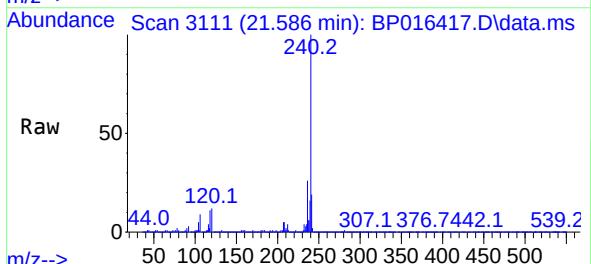
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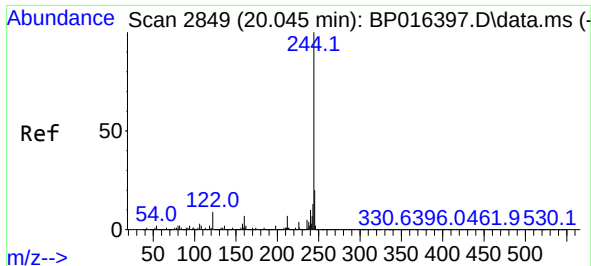
Tgt Ion:188 Resp: 2141148
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016417.D
Acq: 28 Jul 2023 11:38

Tgt Ion:240 Resp: 2022321
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 26.2 21.1 31.7

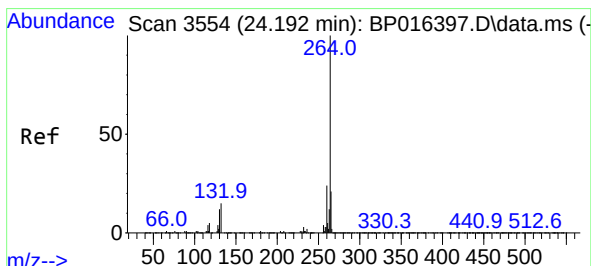
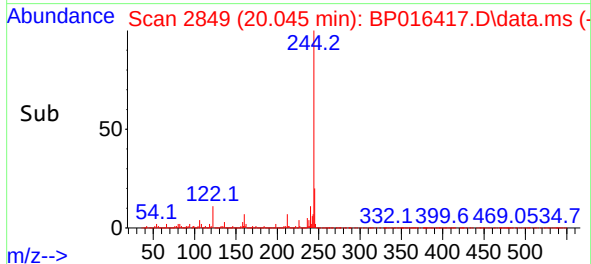
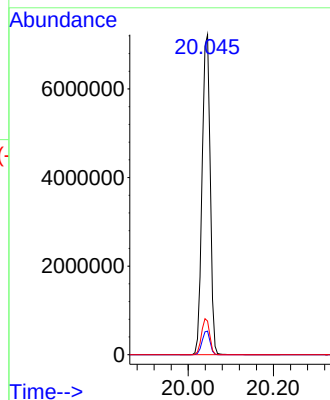
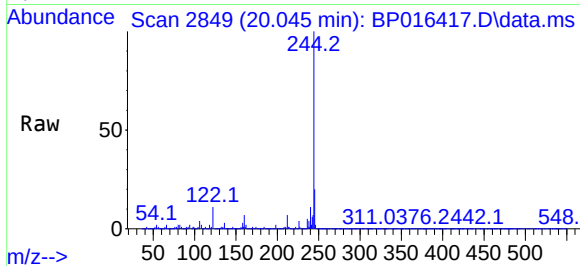




#79
 Terphenyl-d14
 Concen: 99.366 ng
 RT: 20.045 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP016417.D
 Acq: 28 Jul 2023 11:38

Instrument :
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Tgt Ion:244 Resp: 9512750
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.5 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.186 min Scan# 3553
 Delta R.T. -0.006 min
 Lab File: BP016417.D
 Acq: 28 Jul 2023 11:38

Tgt Ion:264 Resp: 2269942
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.7 17.4 26.0

