

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009489.D
 Acq On : 22 Mar 2022 15:49
 Operator : CG/JU
 Sample : N2030-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MR-1

Quant Time: Mar 23 01:21:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

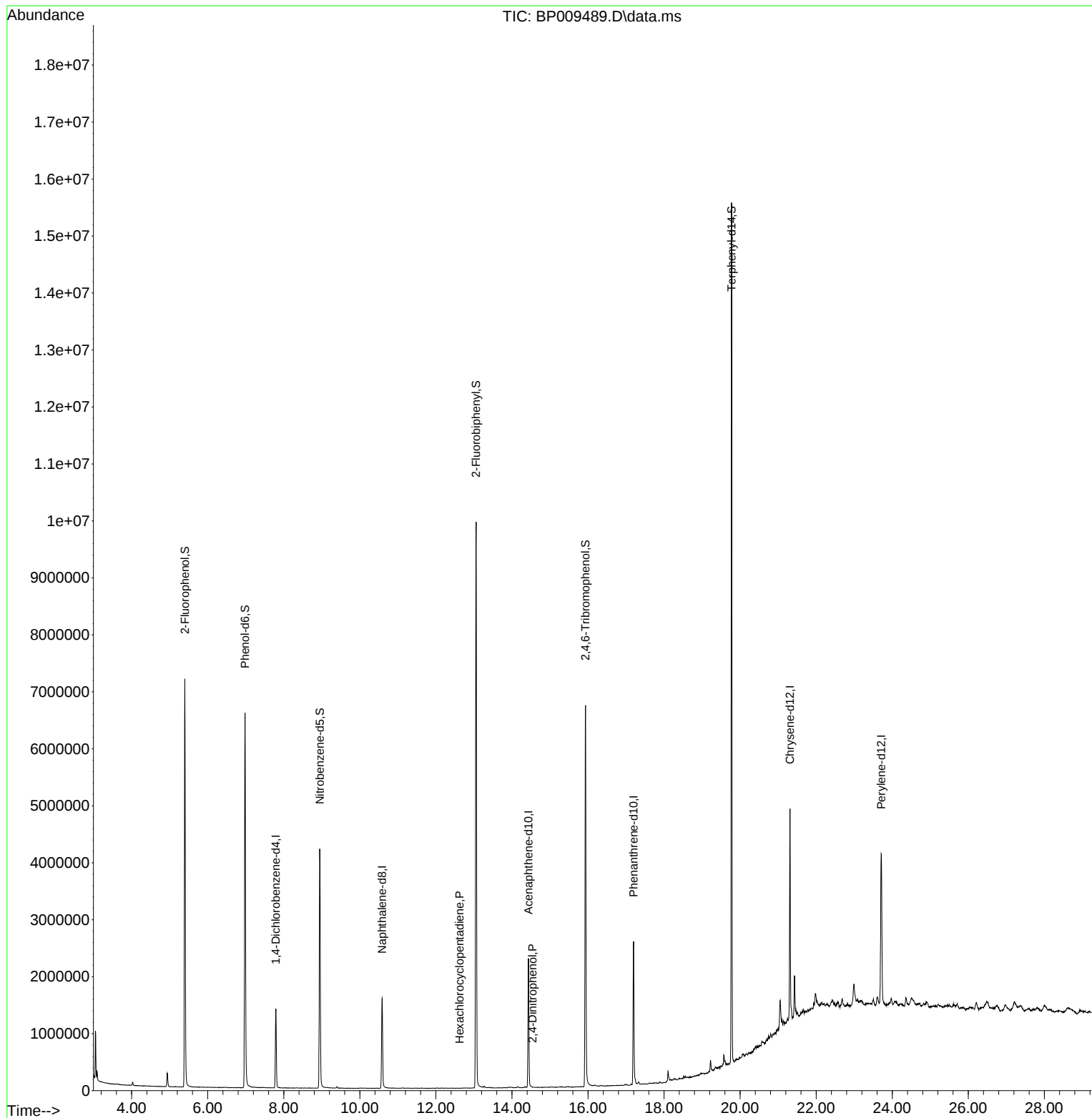
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	422291	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1597238	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	906465	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1729753	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1780123	20.000	ng	0.00
86) Perylene-d12	23.710	264	2262373	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3599418	148.815	ng	0.00
7) Phenol-d6	6.981	99	4437192	135.654	ng	-0.01
23) Nitrobenzene-d5	8.946	82	2798852	93.118	ng	-0.01
42) 2,4,6-Tribromophenol	15.934	330	1592555	106.467	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	5938459	90.819	ng	0.00
79) Terphenyl-d14	19.775	244	7672022	77.357	ng	0.00
Target Compounds						
9) Benzaldehyde	6.981	77	8677	Below Cal	#	8
41) Hexachlorocyclopentadiene	12.622	237	12	7.289	ng	86
54) 2,4-Dinitrophenol	14.540	184	97	4.543	ng	# 1

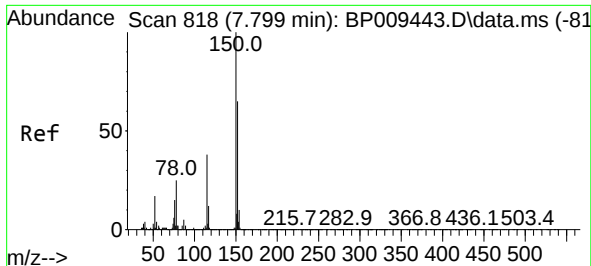
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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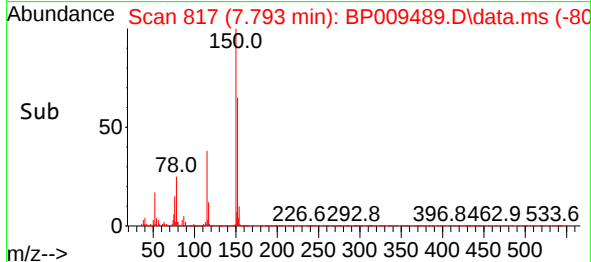
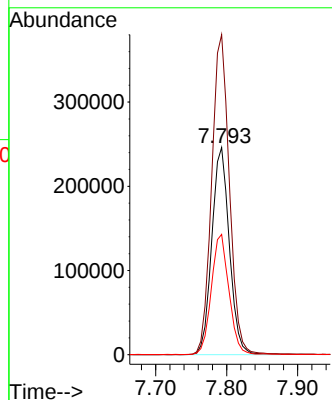
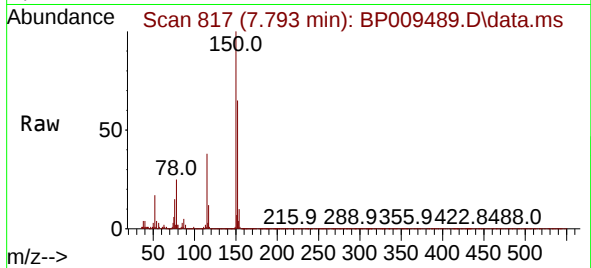




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

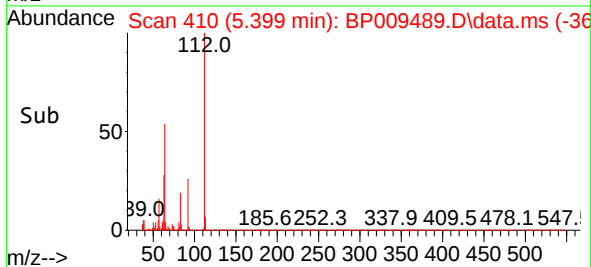
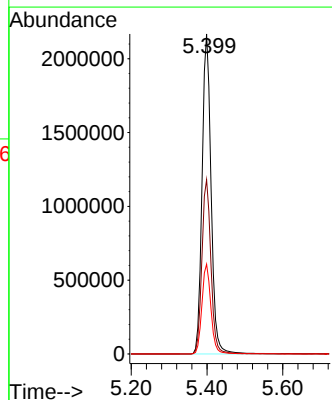
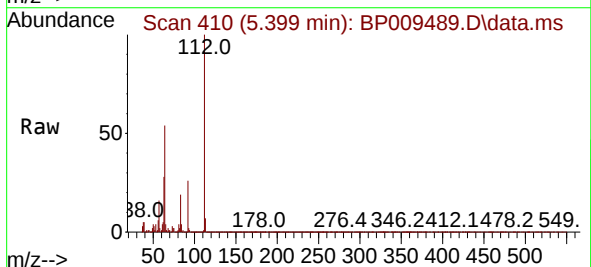
Instrument :
BNA_P
ClientSampleId :
MR-1

Tgt Ion:152 Resp: 422291
Ion Ratio Lower Upper
152 100
150 154.4 124.5 186.7
115 58.0 48.2 72.4



#5
2-Fluorophenol
Concen: 148.815 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

Tgt Ion:112 Resp: 3599418
Ion Ratio Lower Upper
112 100
64 54.4 45.0 67.4
63 28.0 23.0 34.6

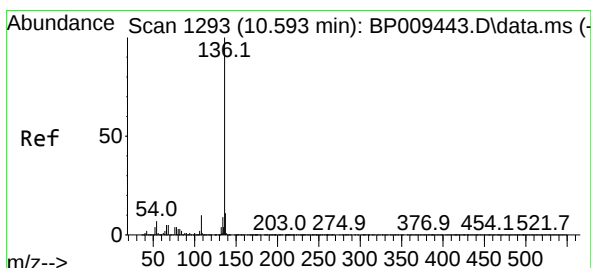
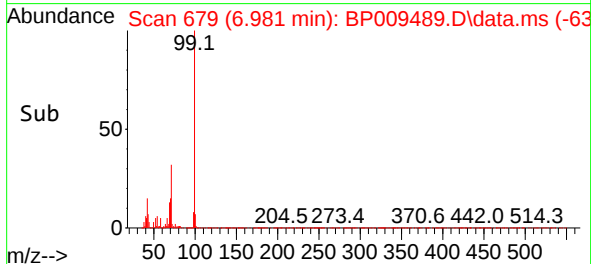
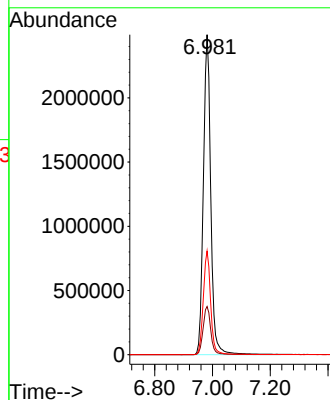
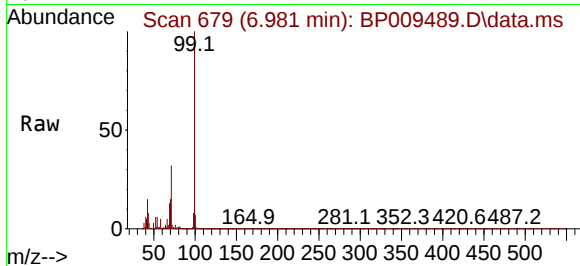




#7
Phenol-d6
Concen: 135.654 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

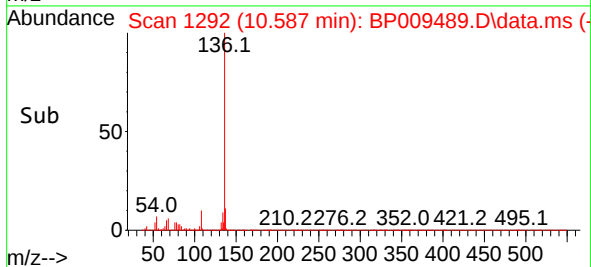
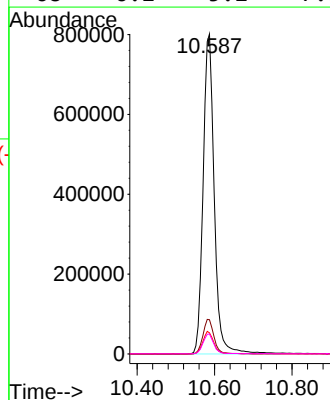
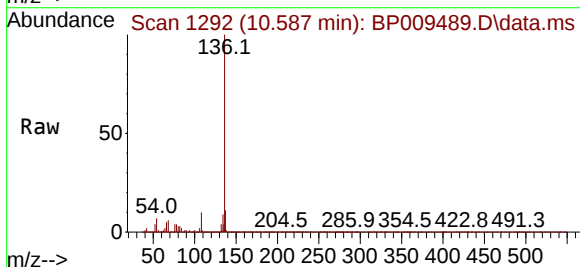
Instrument :
BNA_P
ClientSampleId :
MR-1

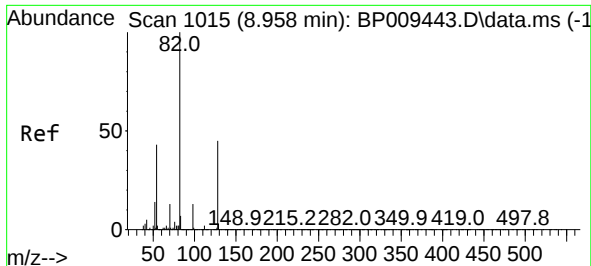
Tgt Ion: 99 Resp: 4437192
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 32.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

Tgt Ion:136 Resp: 1597238
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.6 5.8 8.8
68 6.2 5.2 7.8

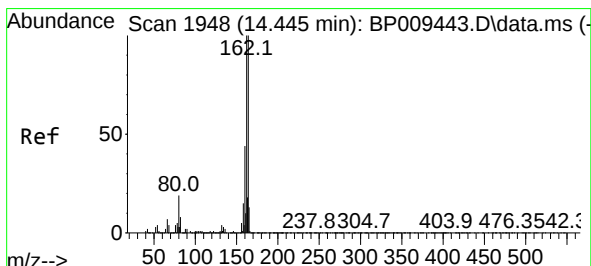
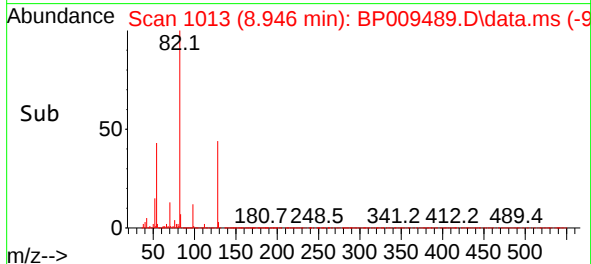
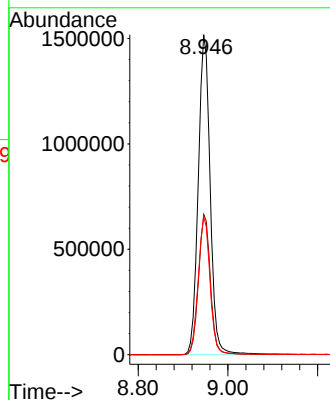
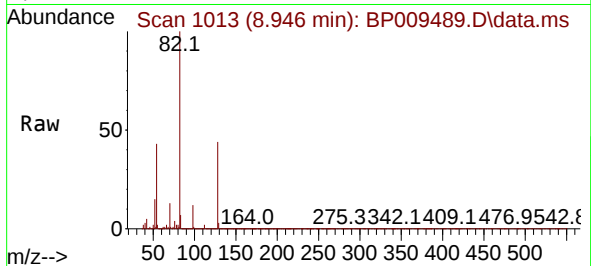




#23
Nitrobenzene-d5
Concen: 93.118 ng
RT: 8.946 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

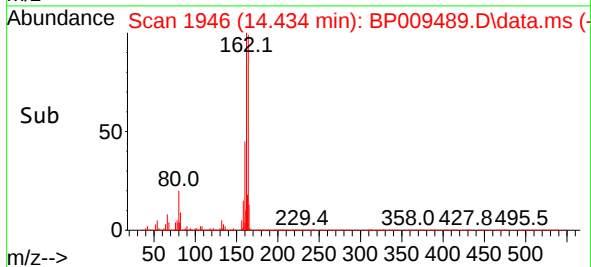
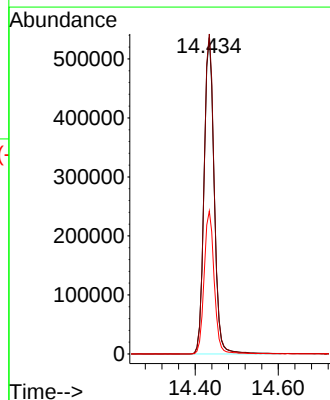
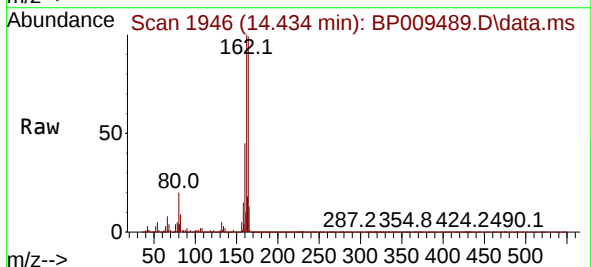
Instrument :
BNA_P
ClientSampleId :
MR-1

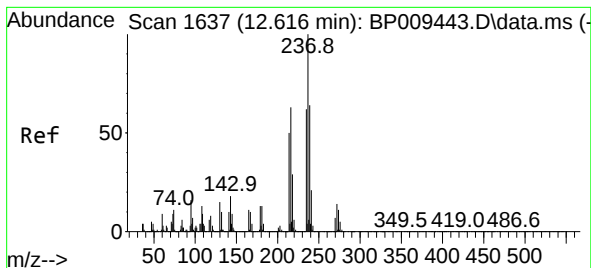
Tgt Ion: 82 Resp: 2798852
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 43.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

Tgt Ion:164 Resp: 906465
Ion Ratio Lower Upper
164 100
162 101.1 79.1 118.7
160 45.2 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.289 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP009489.D

Acq: 22 Mar 2022 15:49

Instrument :

BNA_P

ClientSampleId :

MR-1

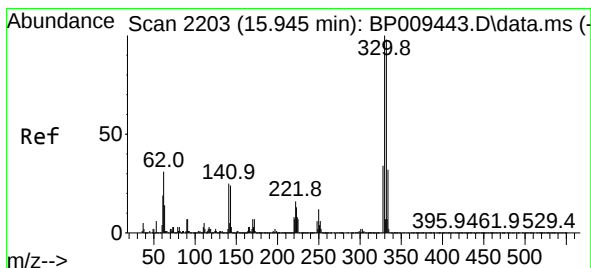
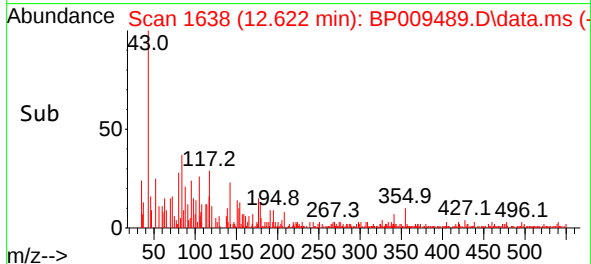
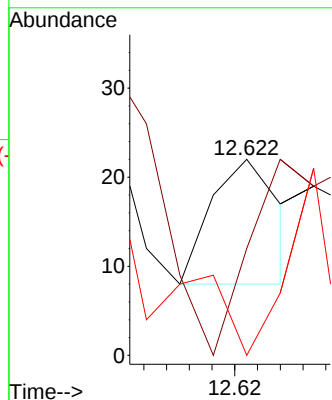
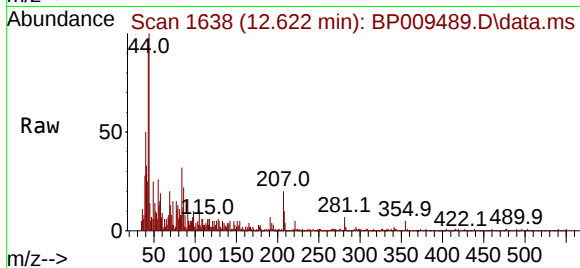
Tgt Ion:237 Resp: 12

Ion Ratio Lower Upper

237 100

235 54.5 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 106.467 ng

RT: 15.934 min Scan# 2201

Delta R.T. -0.012 min

Lab File: BP009489.D

Acq: 22 Mar 2022 15:49

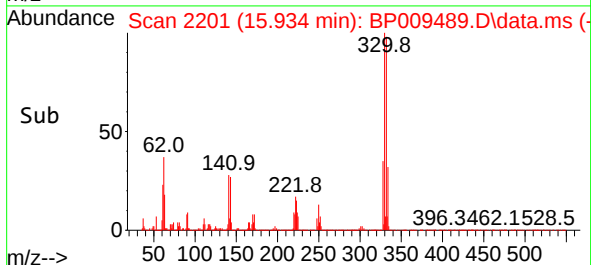
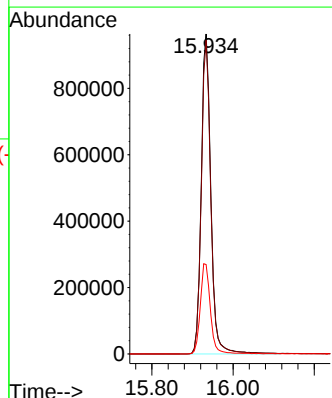
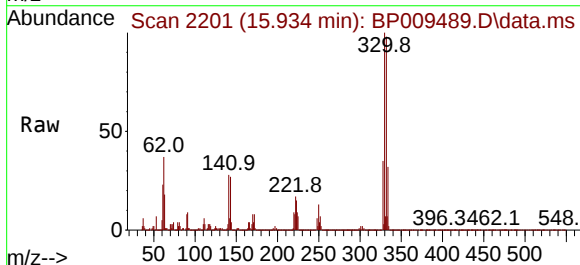
Tgt Ion:330 Resp: 1592555

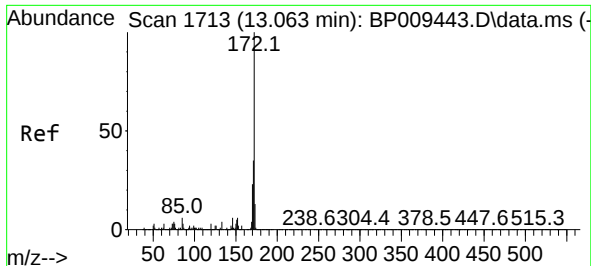
Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

141 29.7 27.6 41.4

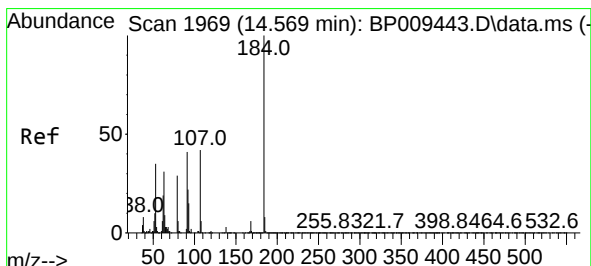
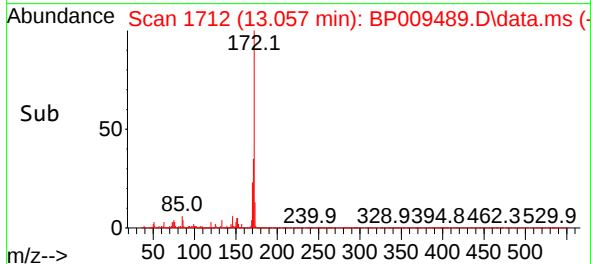
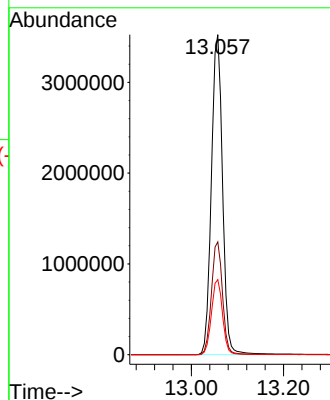
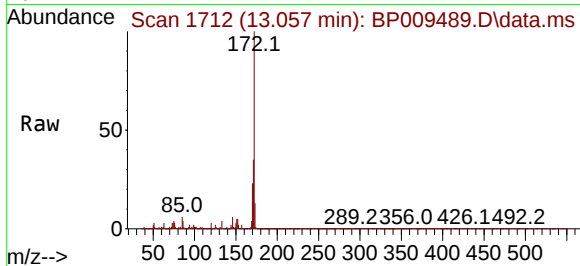




#45
2-Fluorobiphenyl
Concen: 90.819 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

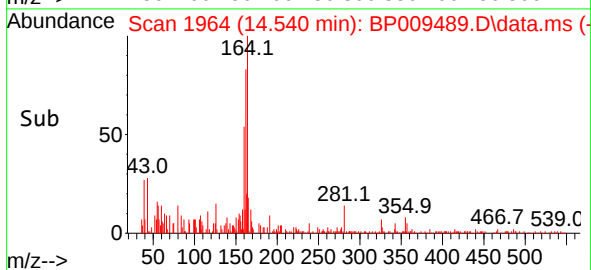
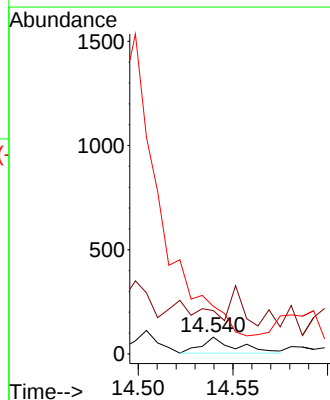
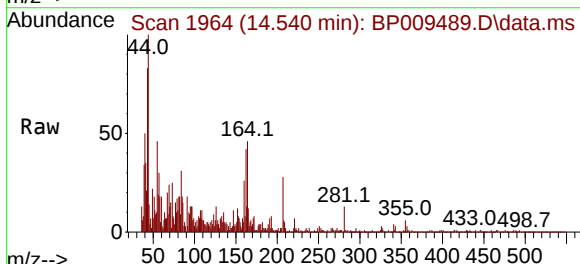
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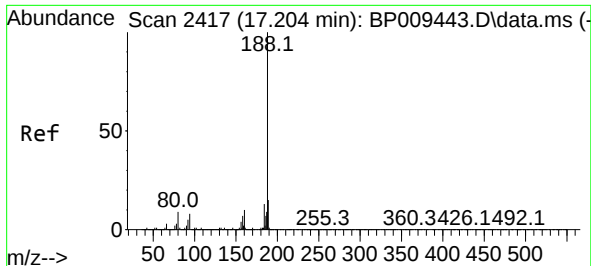
Tgt Ion:172 Resp: 5938459
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.5 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.543 ng
RT: 14.540 min Scan# 1964
Delta R.T. -0.029 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

Tgt Ion:184 Resp: 97
Ion Ratio Lower Upper
184 100
63 256.8 46.3 69.5#
154 282.7 45.8 68.6#

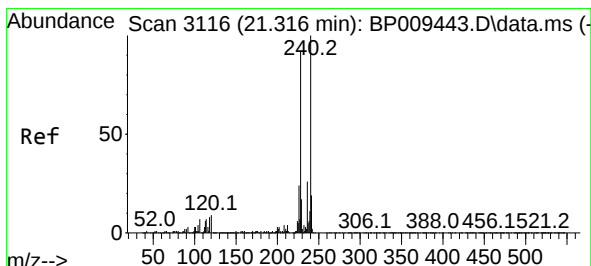
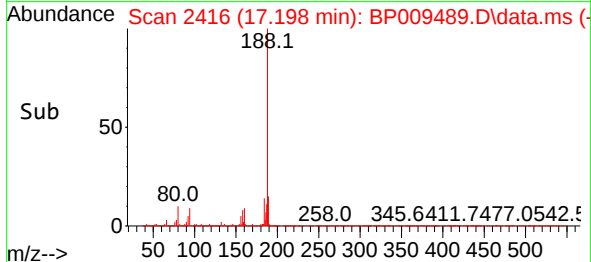
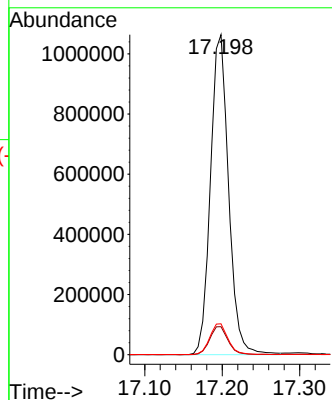
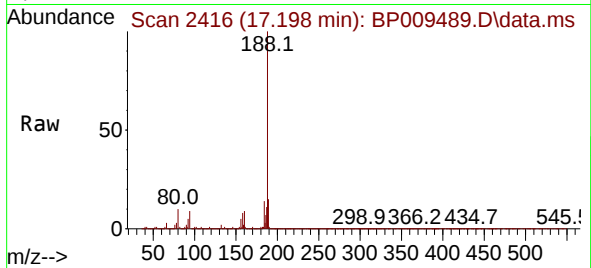




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

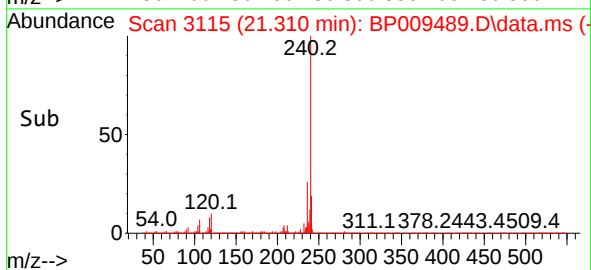
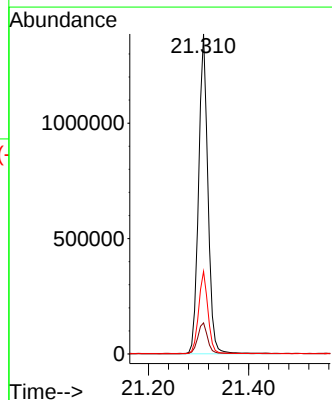
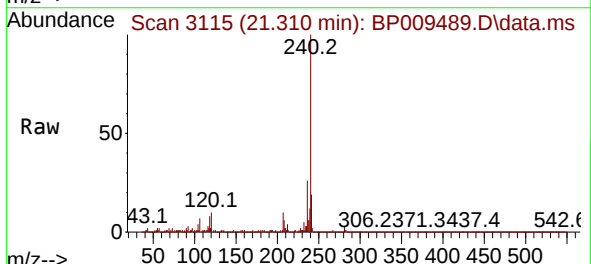
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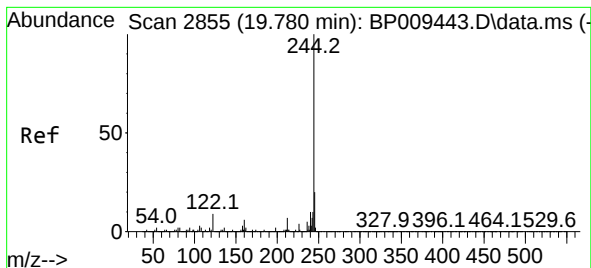
Tgt Ion:188 Resp: 1729753
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.6 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009489.D
Acq: 22 Mar 2022 15:49

Tgt Ion:240 Resp: 1780123
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 77.357 ng

RT: 19.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009489.D

Acq: 22 Mar 2022 15:49

Instrument :

BNA_P

ClientSampleId :

MR-1

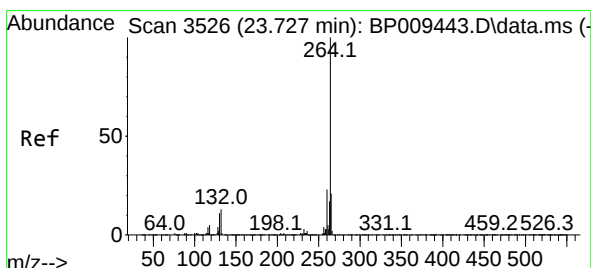
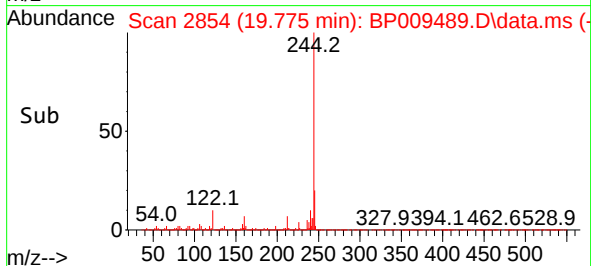
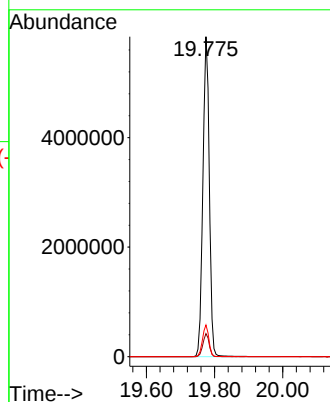
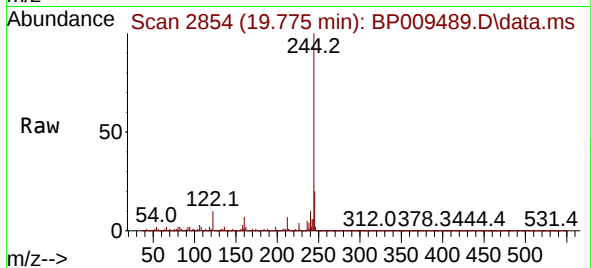
Tgt Ion:244 Resp: 7672022

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.710 min Scan# 3523

Delta R.T. -0.018 min

Lab File: BP009489.D

Acq: 22 Mar 2022 15:49

Tgt Ion:264 Resp: 2262373

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.1 17.2 25.8

