

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
 Data File : BP009540.D
 Acq On : 24 Mar 2022 21:15
 Operator : CG/JU
 Sample : N2090-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB032322

Quant Time: Mar 25 03:16:36 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 24 01:19:11 2022
 Response via : Initial Calibration

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

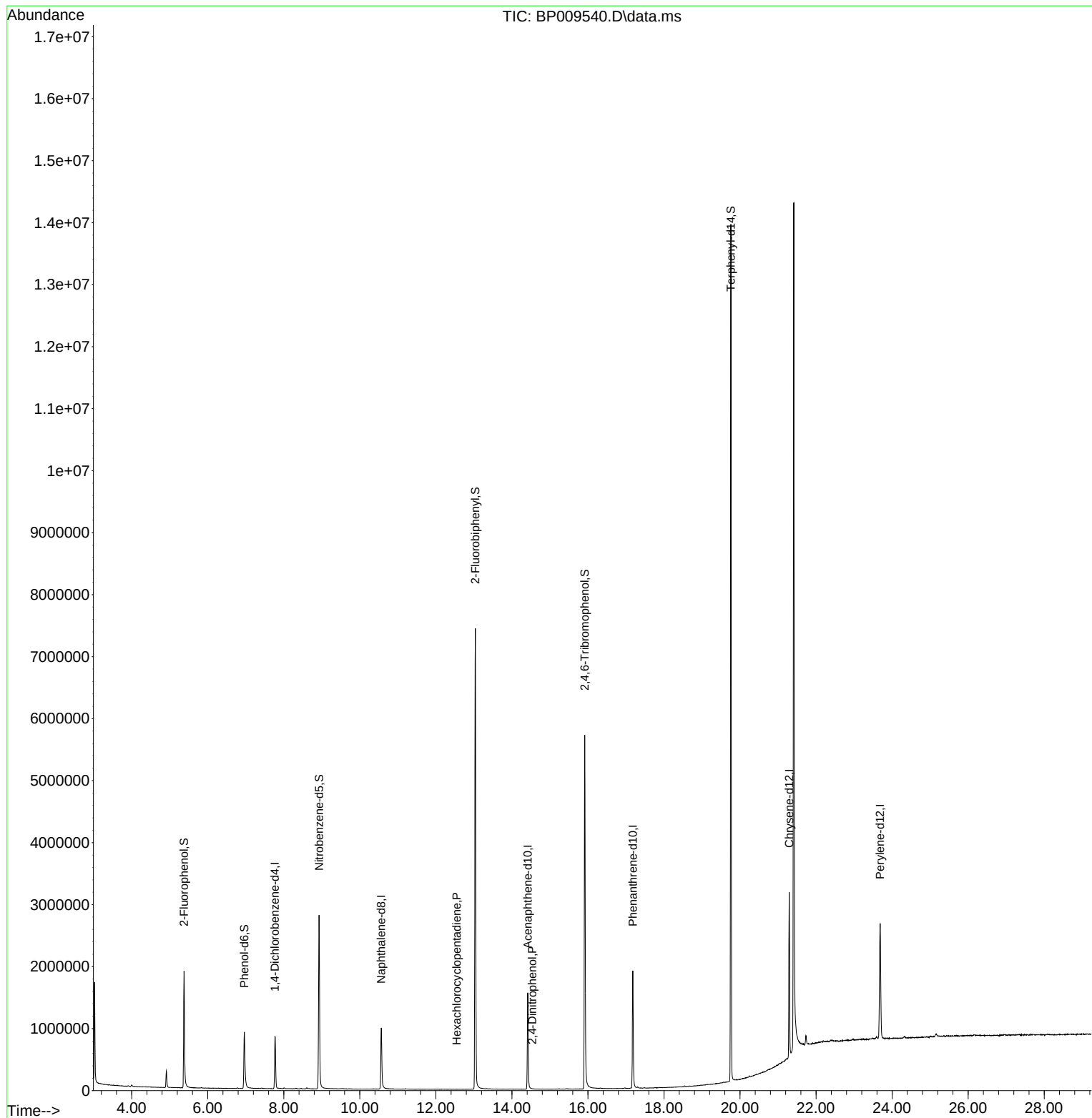
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	275914	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	1045591	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	638327	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1331050	20.000	ng	-0.02
76) Chrysene-d12	21.292	240	1437794	20.000	ng	-0.02
86) Perylene-d12	23.686	264	1559645	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1051143	66.514	ng	-0.02
7) Phenol-d6	6.963	99	756894	35.416	ng	-0.02
23) Nitrobenzene-d5	8.928	82	1899108	96.519	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1348220	127.994	ng	-0.02
45) 2-Fluorobiphenyl	13.039	172	4479498	97.284	ng	-0.02
79) Terphenyl-d14	19.757	244	7434897	92.815	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.928	77	955	Below Cal	#	62
41) Hexachlorocyclopentadiene	12.545	237	11	7.289	ng	86
54) 2,4-Dinitrophenol	14.533	184	53	4.541	ng	# 1

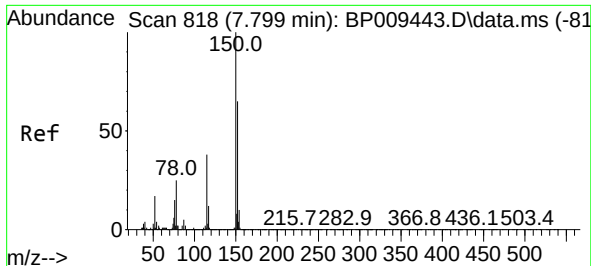
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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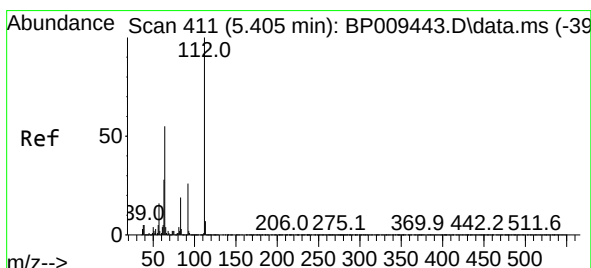
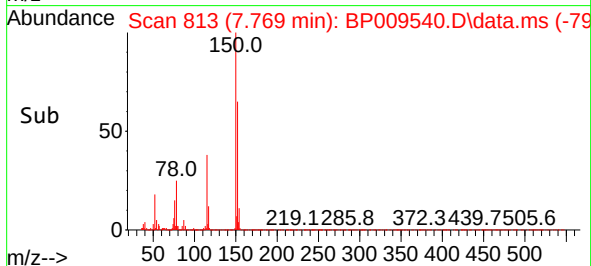
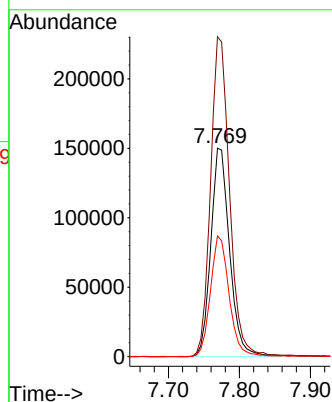
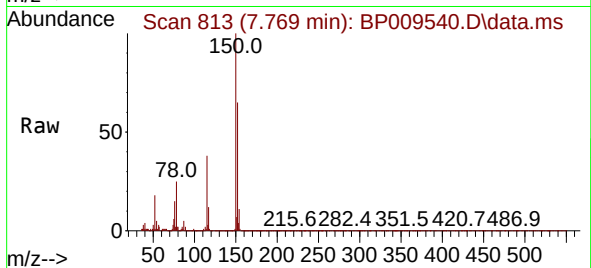




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP009540.D
 Acq: 24 Mar 2022 21:15

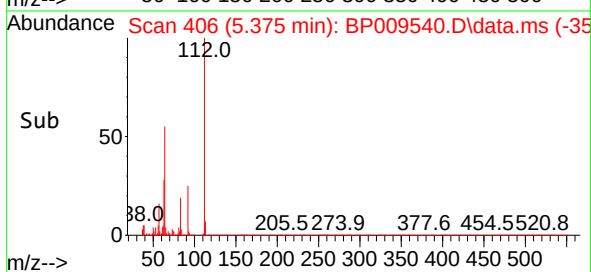
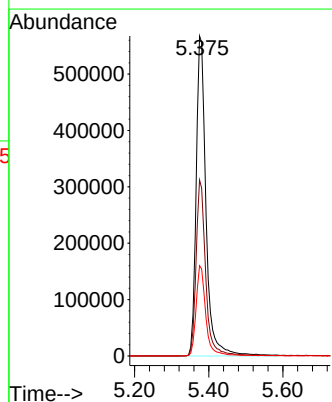
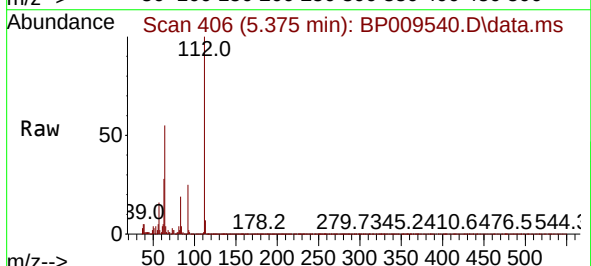
Instrument :
 BNA_P
 ClientSampleId :
 FB032322

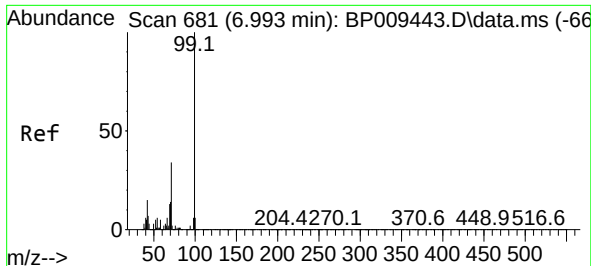
Tgt Ion:152 Resp: 275914
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.5 186.7
 115 57.9 48.2 72.4



#5
 2-Fluorophenol
 Concen: 66.514 ng
 RT: 5.375 min Scan# 406
 Delta R.T. -0.018 min
 Lab File: BP009540.D
 Acq: 24 Mar 2022 21:15

Tgt Ion:112 Resp: 1051143
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.0 67.4
 63 28.2 23.0 34.6

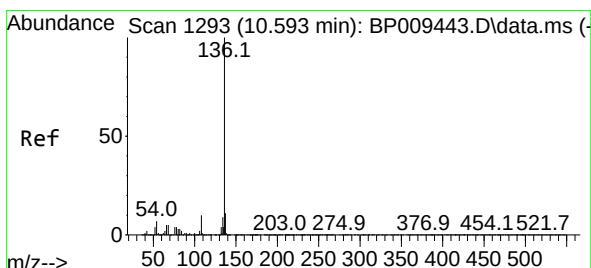
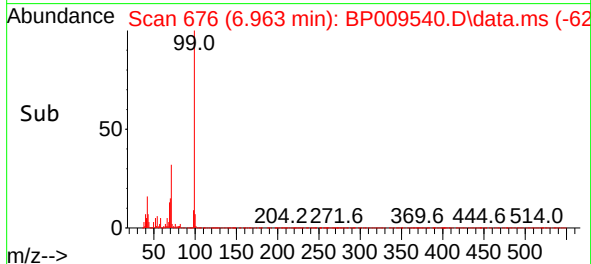
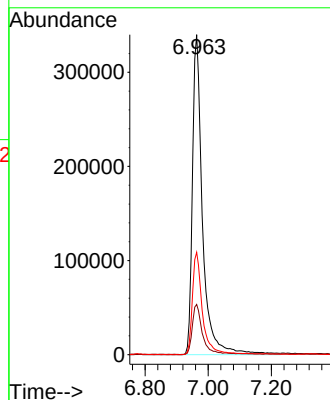
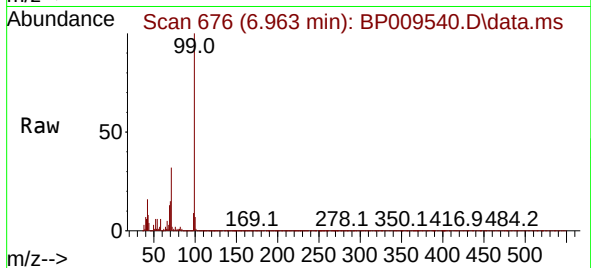




#7
Phenol-d6
Concen: 35.416 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

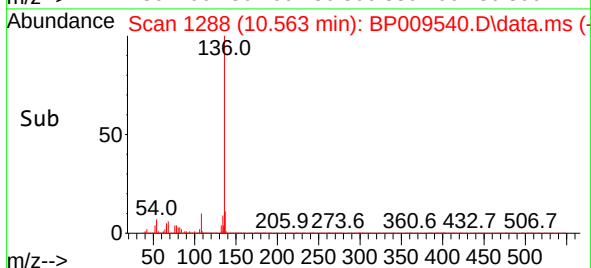
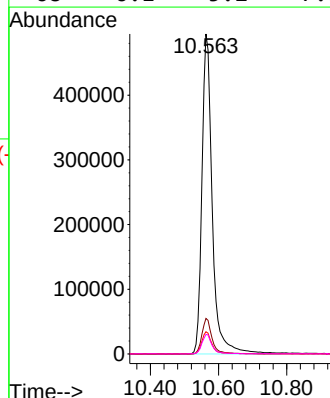
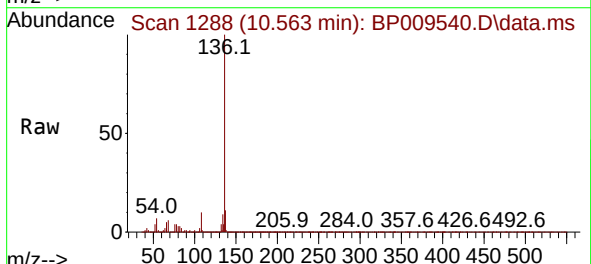
Instrument :
BNA_P
ClientSampleId :
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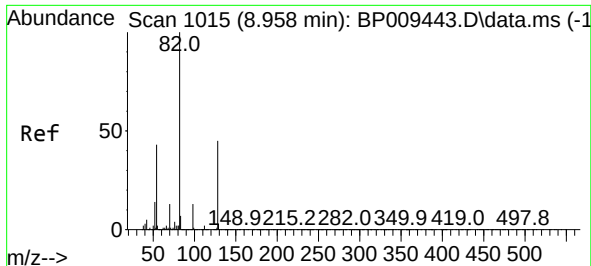
Tgt Ion: 99 Resp: 756894
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

Tgt Ion: 136 Resp: 1045591
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.9 5.8 8.8
68 6.1 5.2 7.8

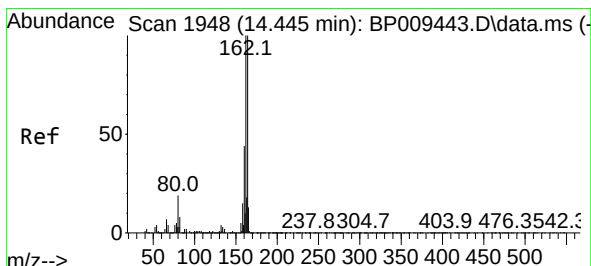
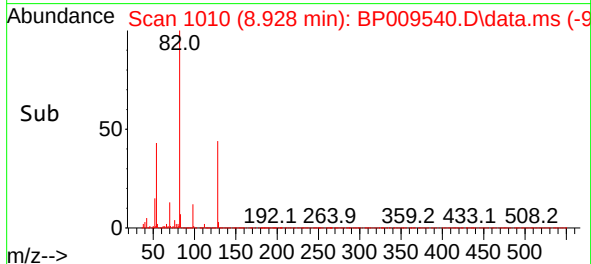
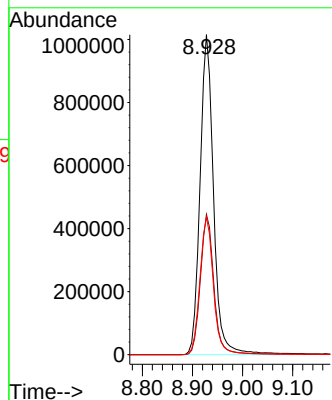
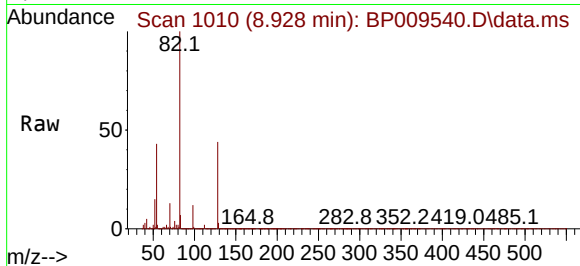




#23
Nitrobenzene-d5
Concen: 96.519 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

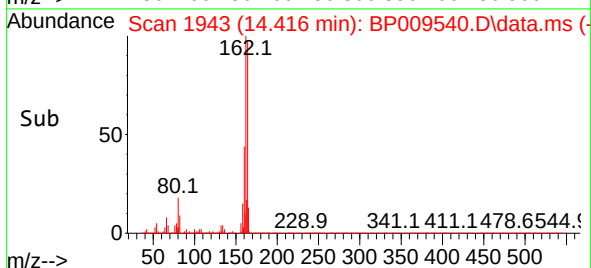
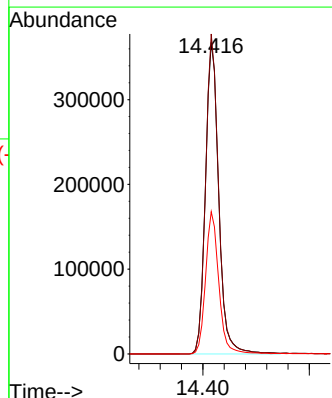
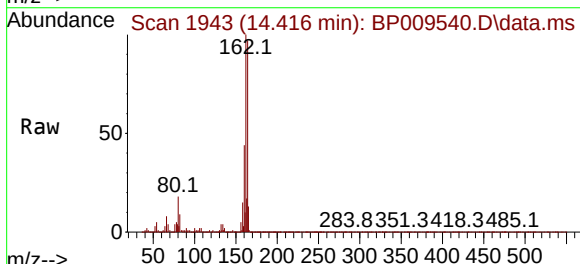
Instrument :
BNA_P
ClientSampleId :
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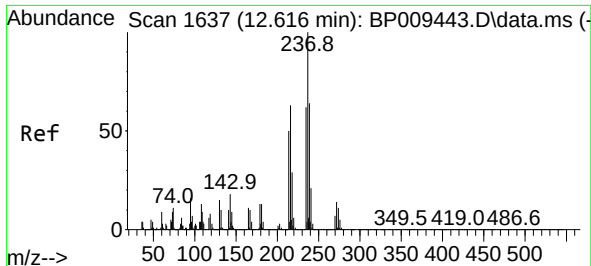
Tgt Ion: 82 Resp: 1899108
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 42.9 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

Tgt Ion:164 Resp: 638327
Ion Ratio Lower Upper
164 100
162 102.7 79.1 118.7
160 45.6 34.9 52.3

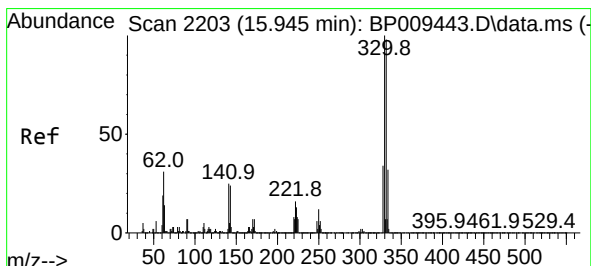
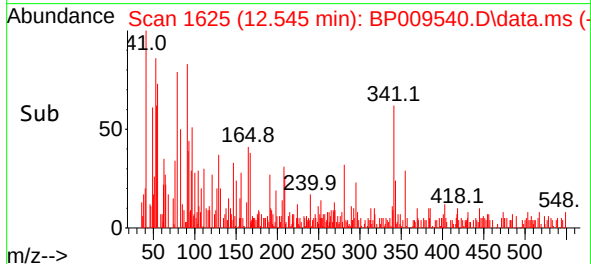
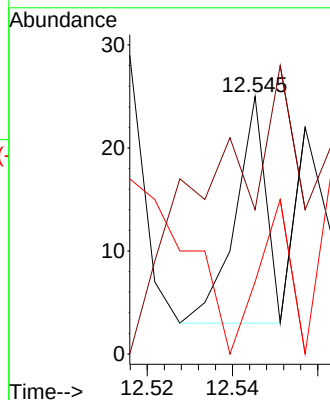
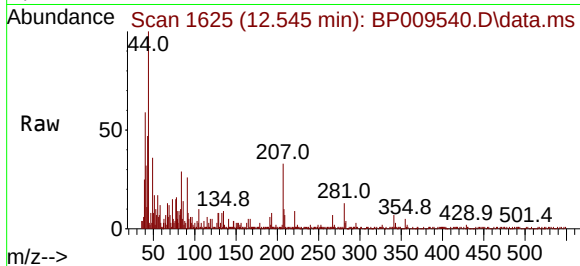




#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.059 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

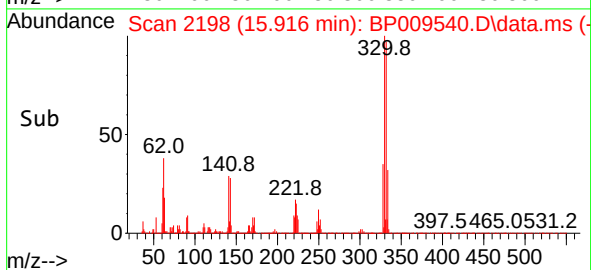
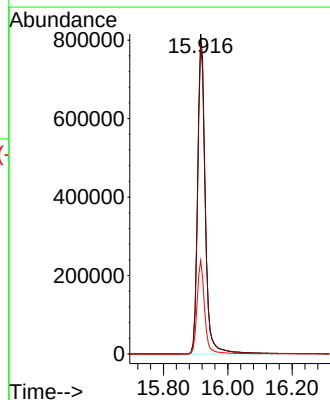
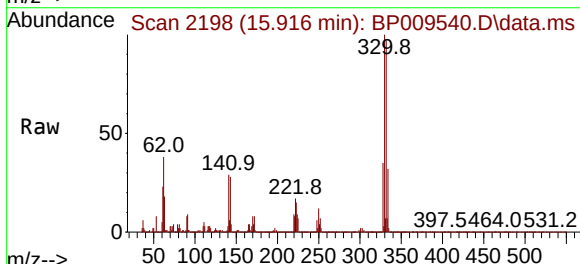
Instrument :
BNA_P
ClientSampleId :
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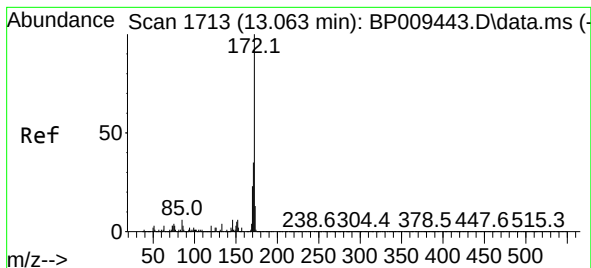
Tgt Ion:237	Resp:	11
Ion	Ratio	Lower Upper
237	100	
235	56.0	42.6 82.6
272	28.0	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 127.994 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

Tgt Ion:330	Resp:	1348220
Ion	Ratio	Lower Upper
330	100	
332	97.0	77.0 115.6
141	28.9	27.6 41.4

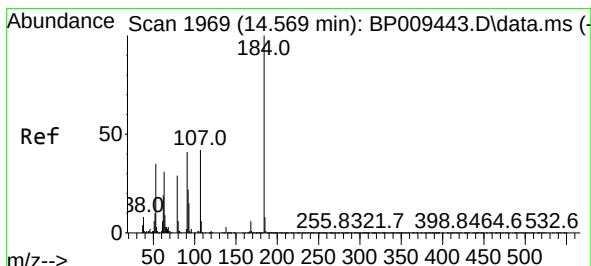
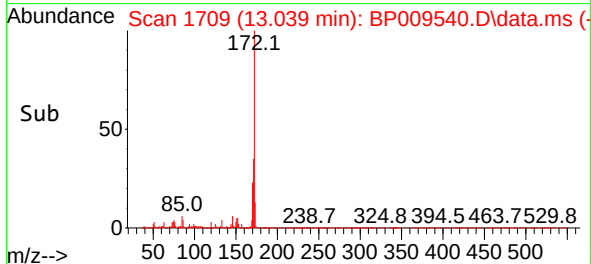
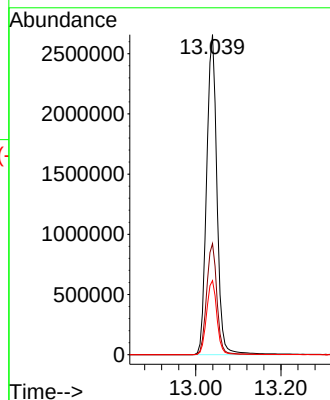
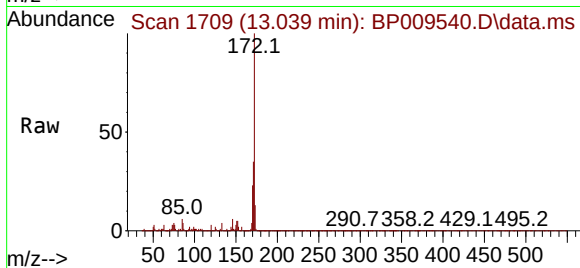




#45
2-Fluorobiphenyl
Concen: 97.284 ng
RT: 13.039 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

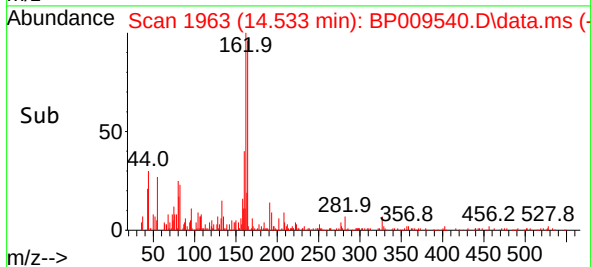
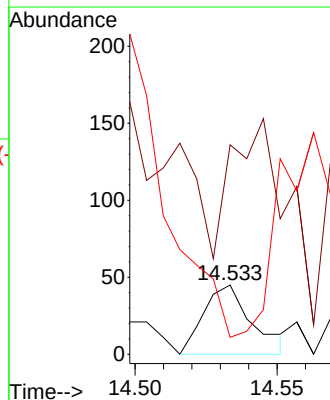
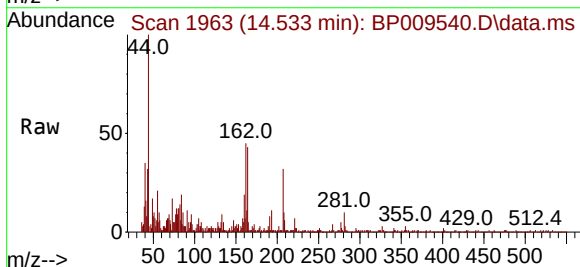
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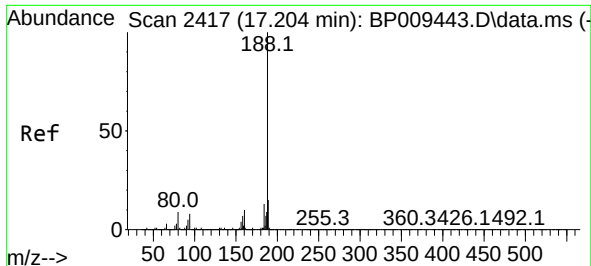
Tgt Ion:172 Resp: 4479498
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.1 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.541 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.029 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 302.2 46.3 69.5#
154 24.4 45.8 68.6#

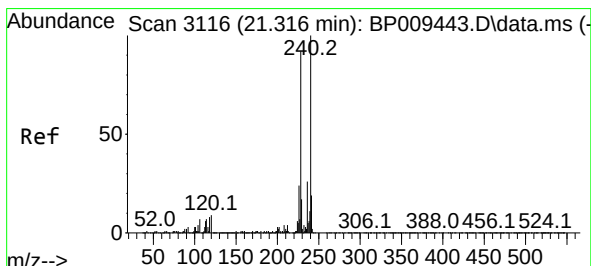
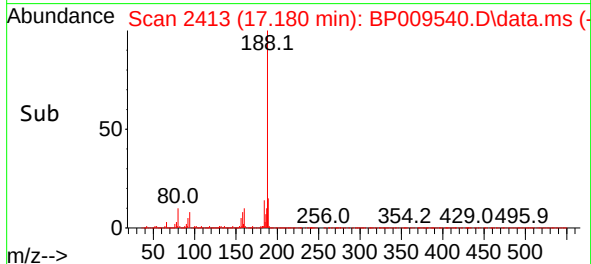
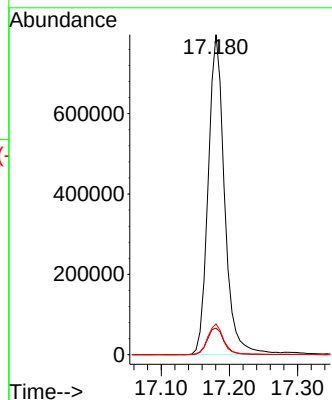
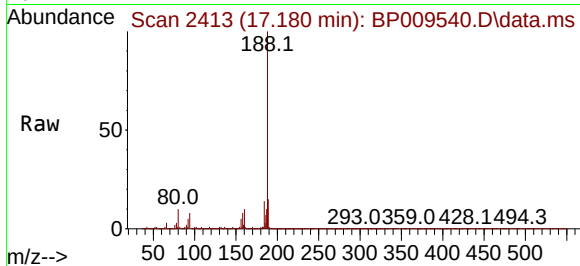




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

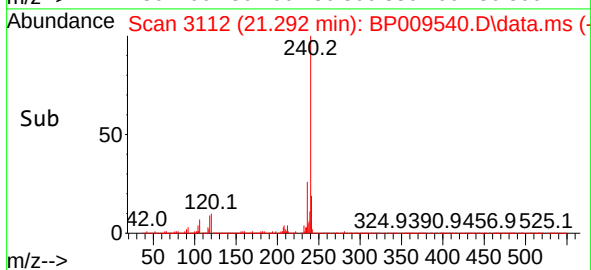
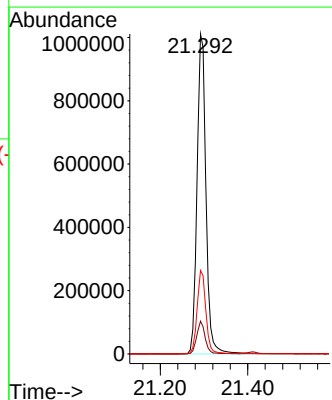
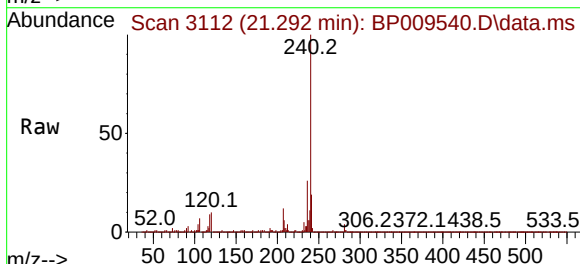
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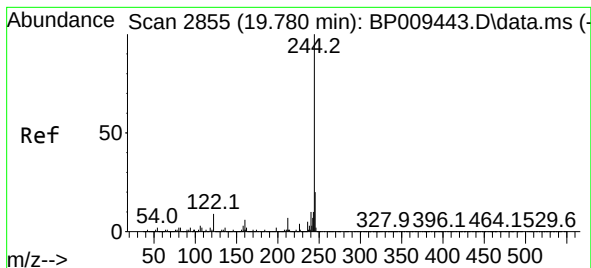
Tgt Ion:188 Resp: 1331050
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.6 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.024 min
Lab File: BP009540.D
Acq: 24 Mar 2022 21:15

Tgt Ion:240 Resp: 1437794
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 92.815 ng

RT: 19.757 min Scan# 2

Delta R.T. -0.024 min

Lab File: BP009540.D

Acq: 24 Mar 2022 21:15

Instrument :

BNA_P

ClientSampleId :

FB032322

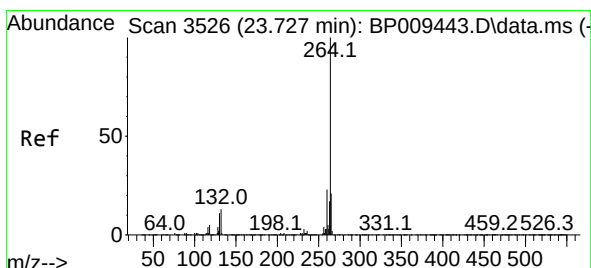
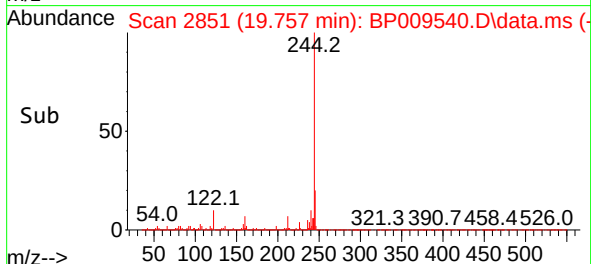
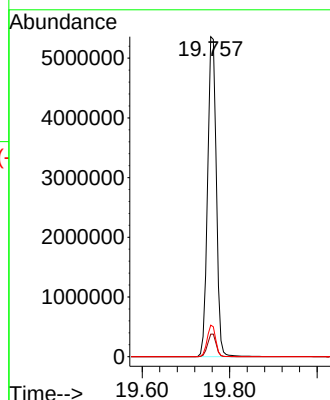
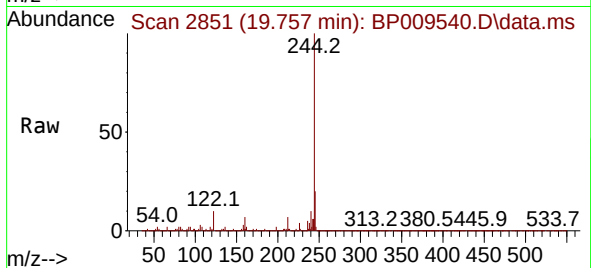
Tgt Ion:244 Resp: 7434897

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3519

Delta R.T. -0.029 min

Lab File: BP009540.D

Acq: 24 Mar 2022 21:15

Tgt Ion:264 Resp: 1559645

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.3 17.2 25.8

