

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
 Data File : BP009539.D
 Acq On : 24 Mar 2022 20:41
 Operator : CG/JU
 Sample : N2090-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB032222

Quant Time: Mar 25 03:16:28 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)

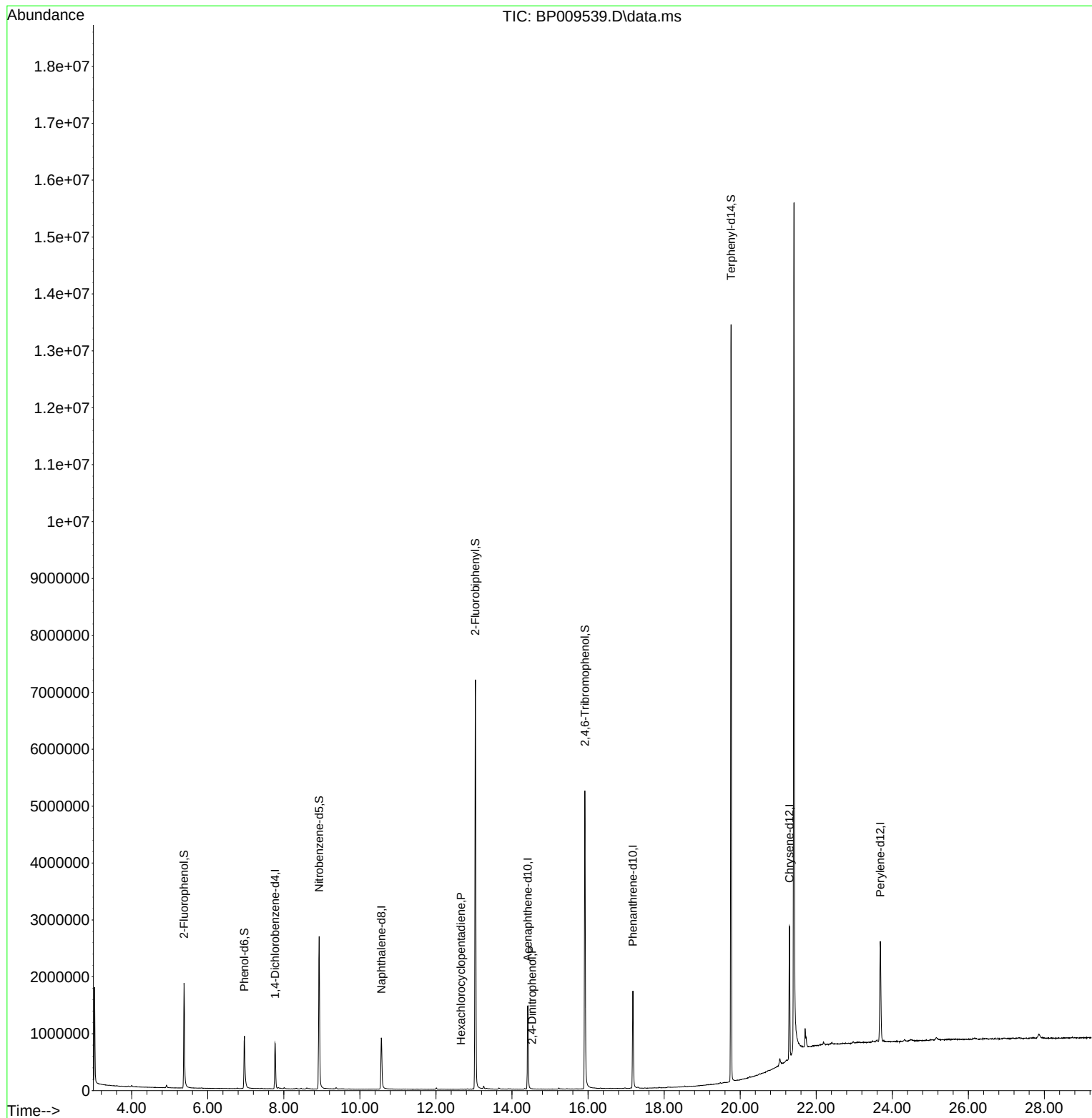
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	258863	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	970058	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	583118	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1205392	20.000	ng	-0.02
76) Chrysene-d12	21.298	240	1319742	20.000	ng	-0.02
86) Perylene-d12	23.686	264	1465062	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1016422	68.554	ng	-0.02
7) Phenol-d6	6.963	99	754893	37.649	ng	-0.02
23) Nitrobenzene-d5	8.928	82	1856820	101.718	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1218582	126.639	ng	-0.02
45) 2-Fluorobiphenyl	13.040	172	4279398	101.737	ng	-0.02
79) Terphenyl-d14	19.763	244	7077049	96.250	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.928	77	896	Below Cal	#	73
41) Hexachlorocyclopentadiene	12.663	237	52	7.294	ng	72
54) 2,4-Dinitrophenol	14.528	184	64	4.543	ng	# 7

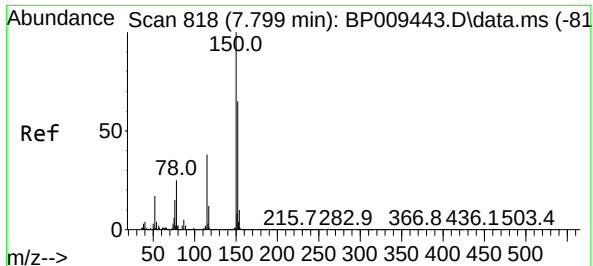
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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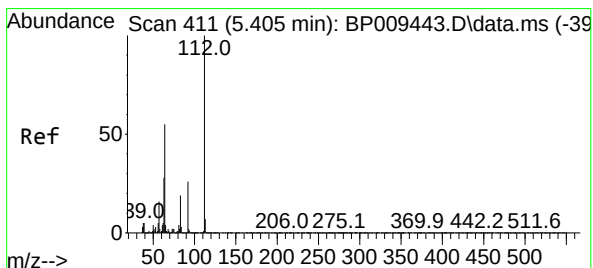
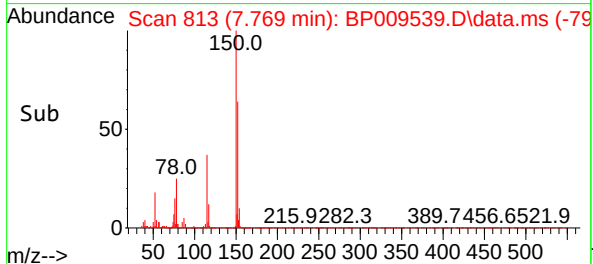
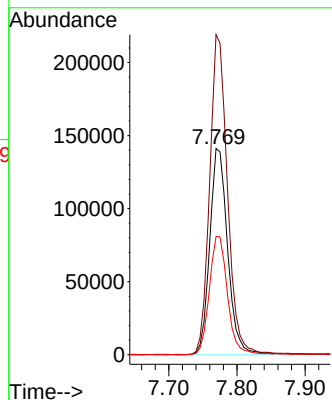
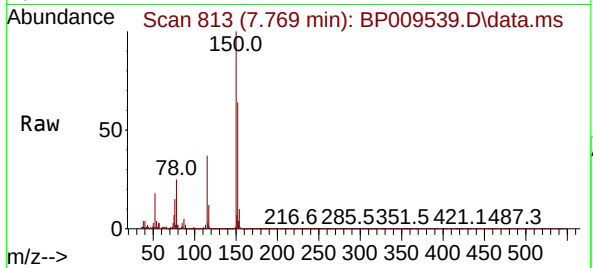




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

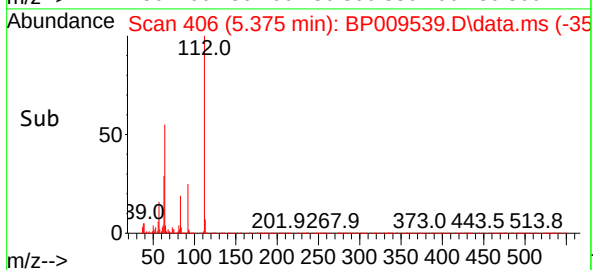
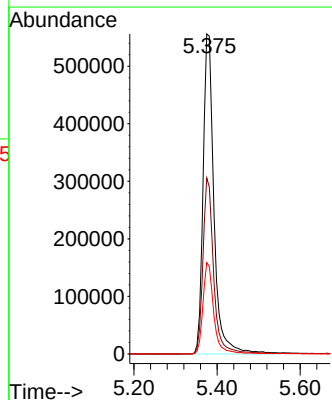
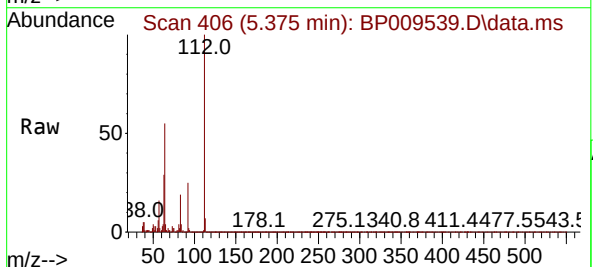
Instrument :
BNA_P
ClientSampleId :
FB032222

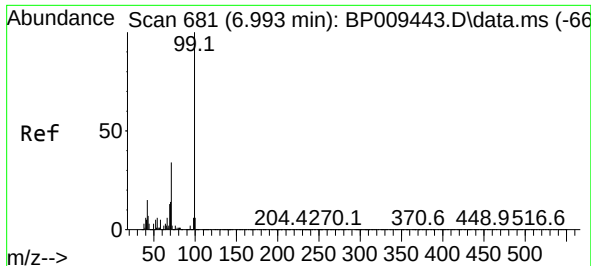
Tgt Ion:152 Resp: 258863
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 57.4 48.2 72.4



#5
2-Fluorophenol
Concen: 68.554 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

Tgt Ion:112 Resp: 1016422
Ion Ratio Lower Upper
112 100
64 55.0 45.0 67.4
63 28.5 23.0 34.6

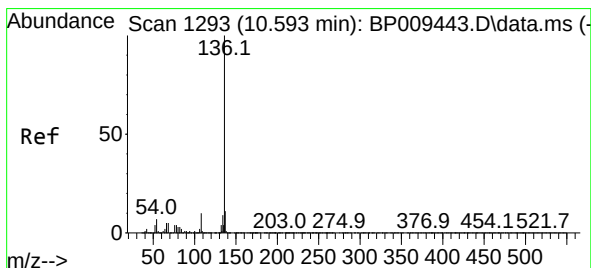
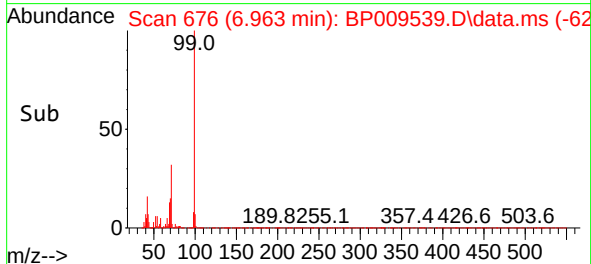
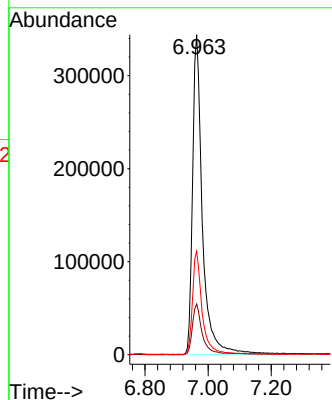
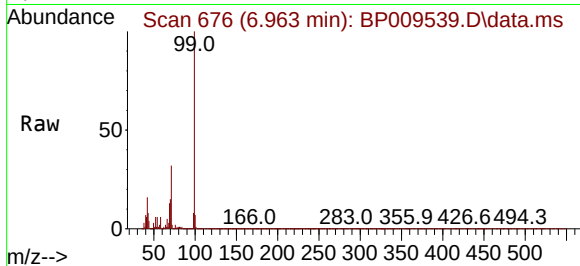




#7
Phenol-d6
Concen: 37.649 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

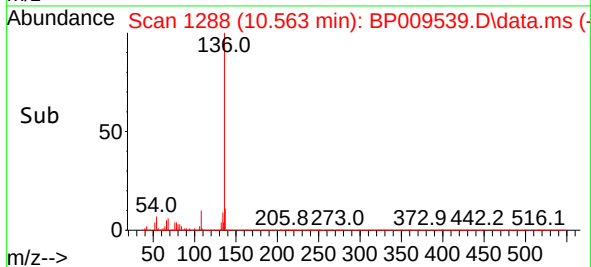
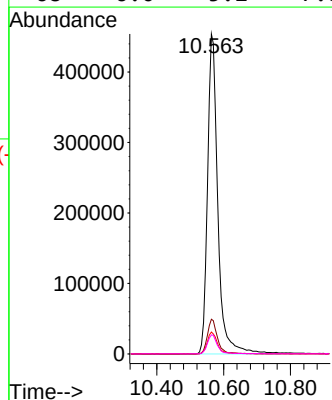
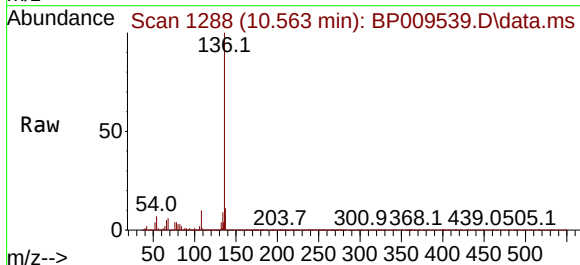
Instrument :
BNA_P
ClientSampleId :
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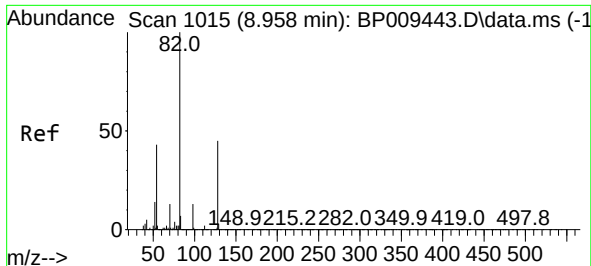
Tgt Ion: 99 Resp: 754893
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 32.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

Tgt Ion: 136 Resp: 970058
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 5.8 8.8
68 6.0 5.2 7.8

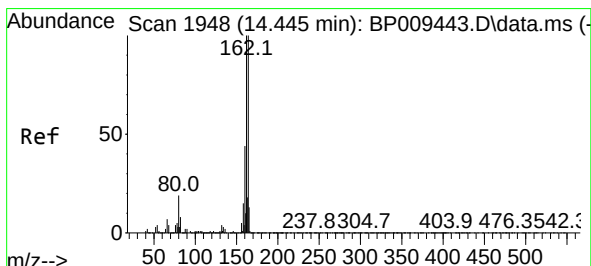
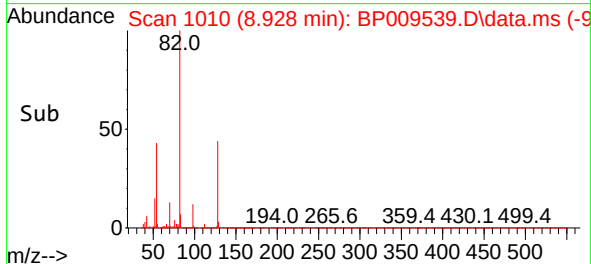
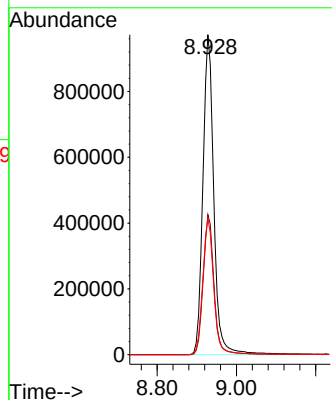
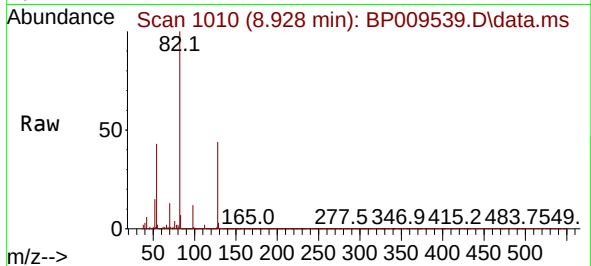




#23
Nitrobenzene-d5
Concen: 101.718 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

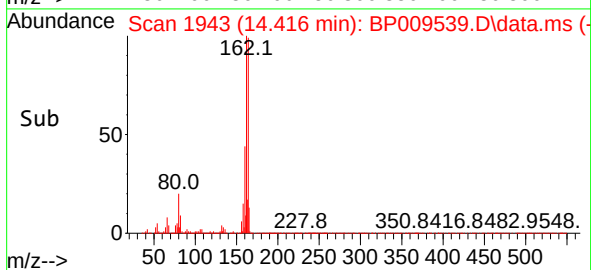
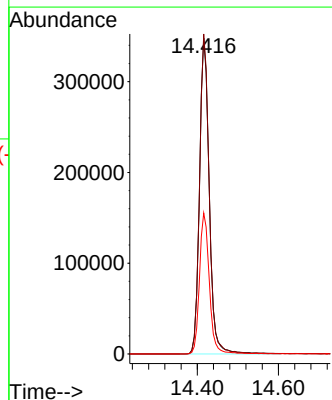
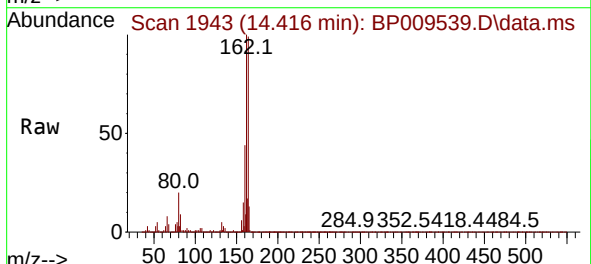
Instrument :
BNA_P
ClientSampleId :
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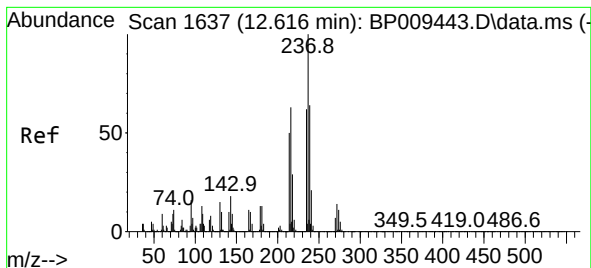
Tgt Ion: 82 Resp: 1856820
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 42.5 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

Tgt Ion: 164 Resp: 583118
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 44.6 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.294 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.059 min

Lab File: BP009539.D

Acq: 24 Mar 2022 20:41

Instrument :

BNA_P

ClientSampleId :

FB032222

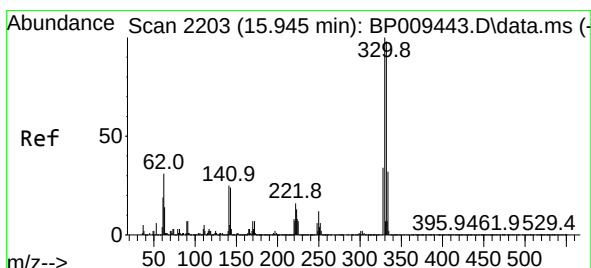
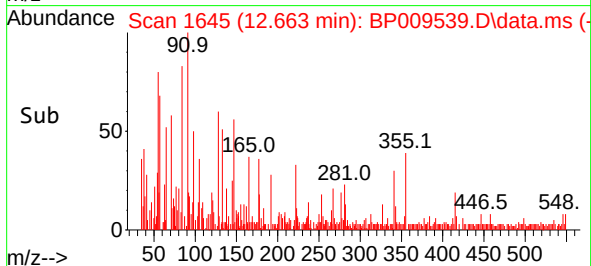
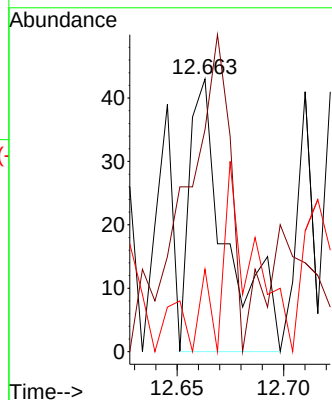
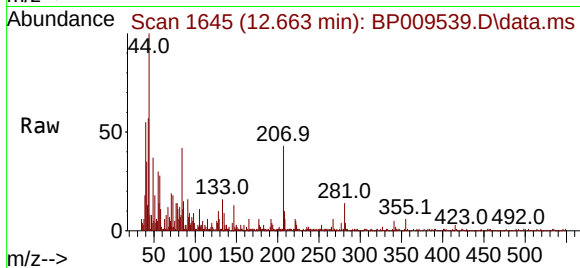
Tgt Ion:237 Resp: 52

Ion Ratio Lower Upper

237 100

235 81.4 42.6 82.6

272 30.2 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 126.639 ng

RT: 15.916 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BP009539.D

Acq: 24 Mar 2022 20:41

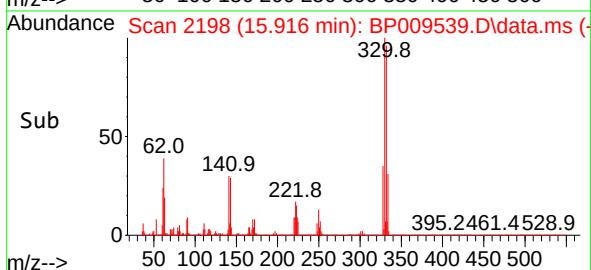
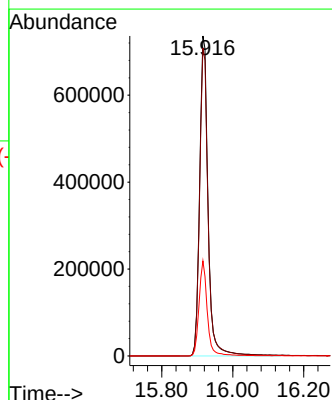
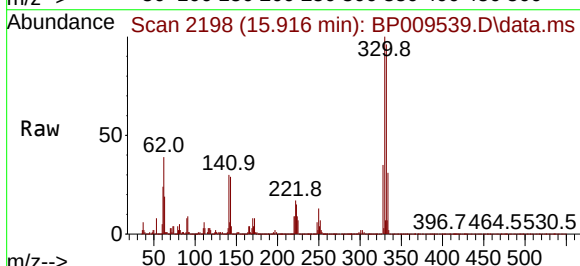
Tgt Ion:330 Resp: 1218582

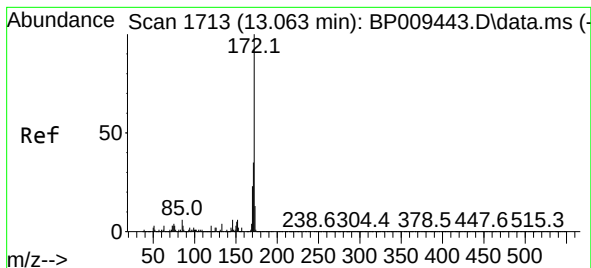
Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

141 29.1 27.6 41.4

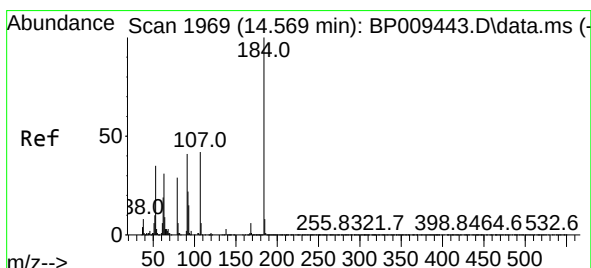
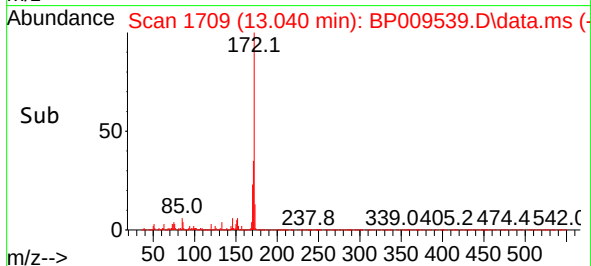
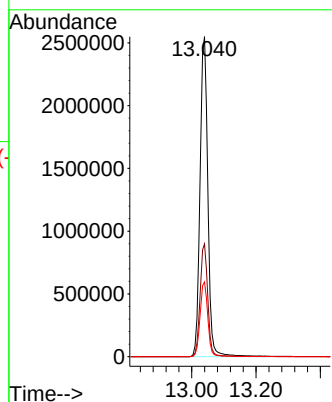
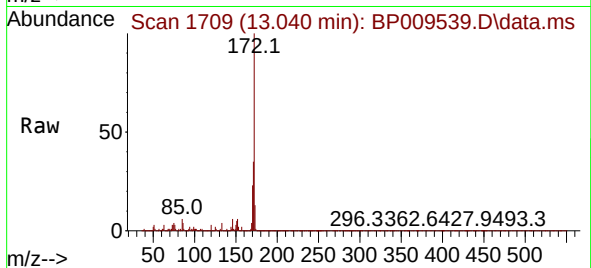




#45
2-Fluorobiphenyl
Concen: 101.737 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

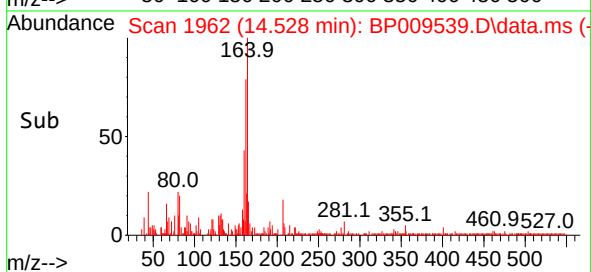
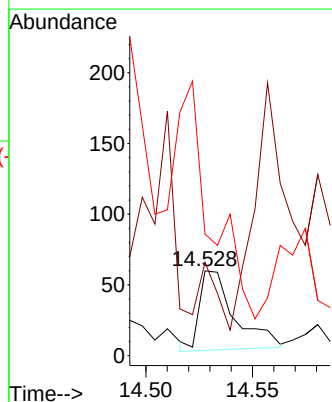
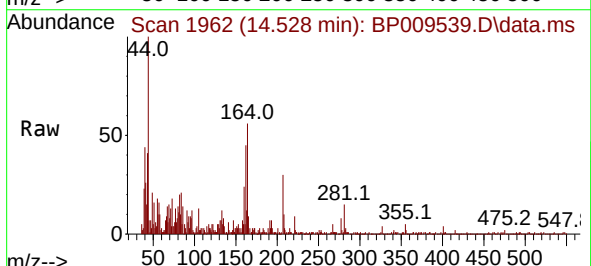
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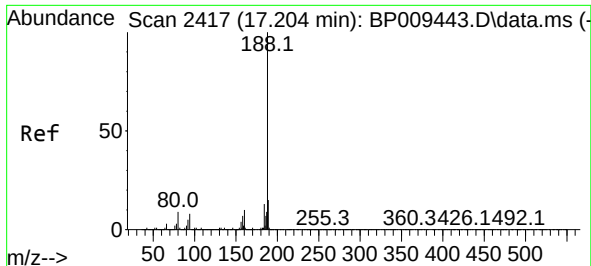
Tgt Ion:172 Resp: 4279398
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.4 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.543 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.035 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 110.0 46.3 69.5#
154 143.3 45.8 68.6#

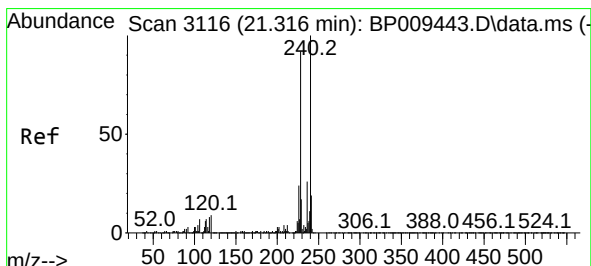
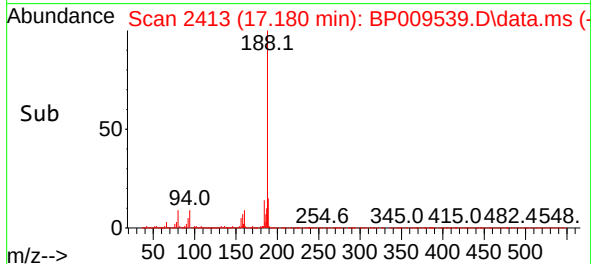
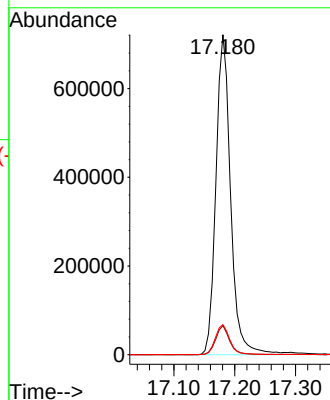
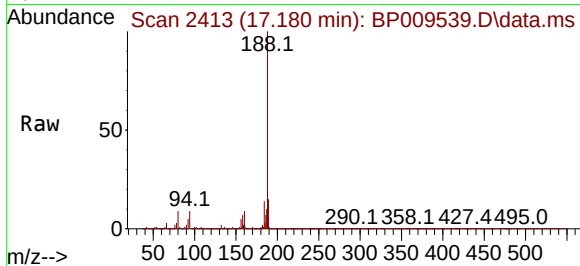




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

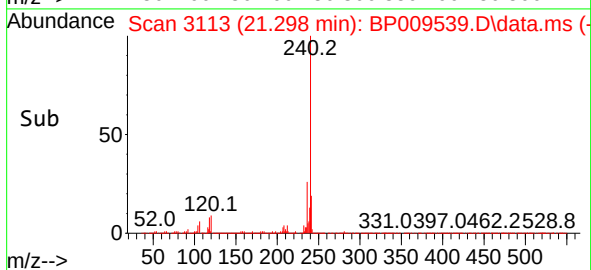
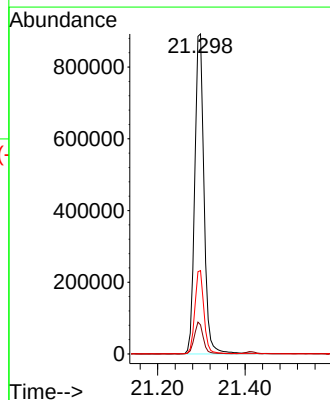
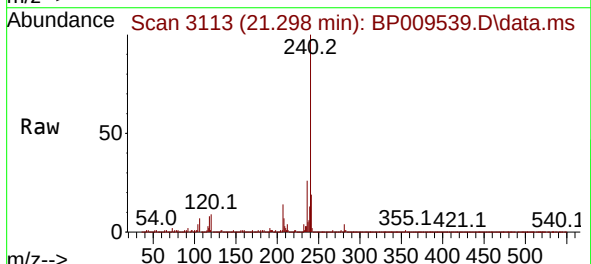
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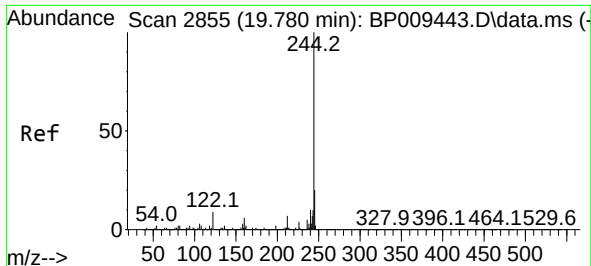
Tgt Ion:188 Resp: 1205392
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.4 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP009539.D
Acq: 24 Mar 2022 20:41

Tgt Ion:240 Resp: 1319742
Ion Ratio Lower Upper
240 100
120 9.1 9.0 13.4
236 26.0 20.6 30.8

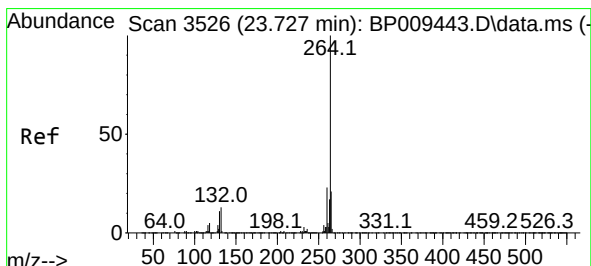
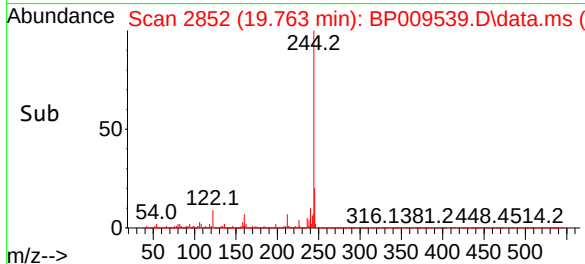
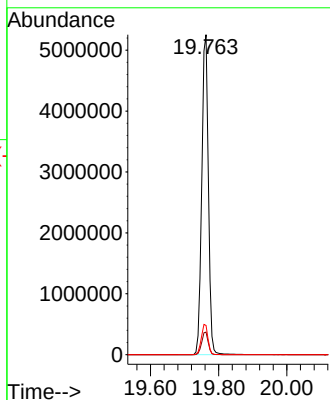
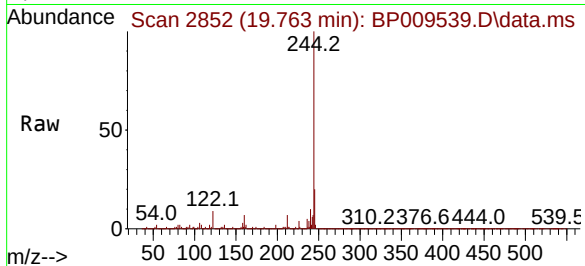




#79
 Terphenyl-d14
 Concen: 96.250 ng
 RT: 19.763 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP009539.D
 Acq: 24 Mar 2022 20:41

Instrument :
 BNA_P
 ClientSampleId :
 FB032222

Tgt Ion:244 Resp: 7077049
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.1 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: BP009539.D
 Acq: 24 Mar 2022 20:41

Tgt Ion:264 Resp: 1465062
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.0
 265 22.5 17.2 25.8

