

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
 Data File : BP009534.D
 Acq On : 24 Mar 2022 17:52
 Operator : CG/JU
 Sample : N2090-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-60

Quant Time: Mar 25 03:15:45 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)

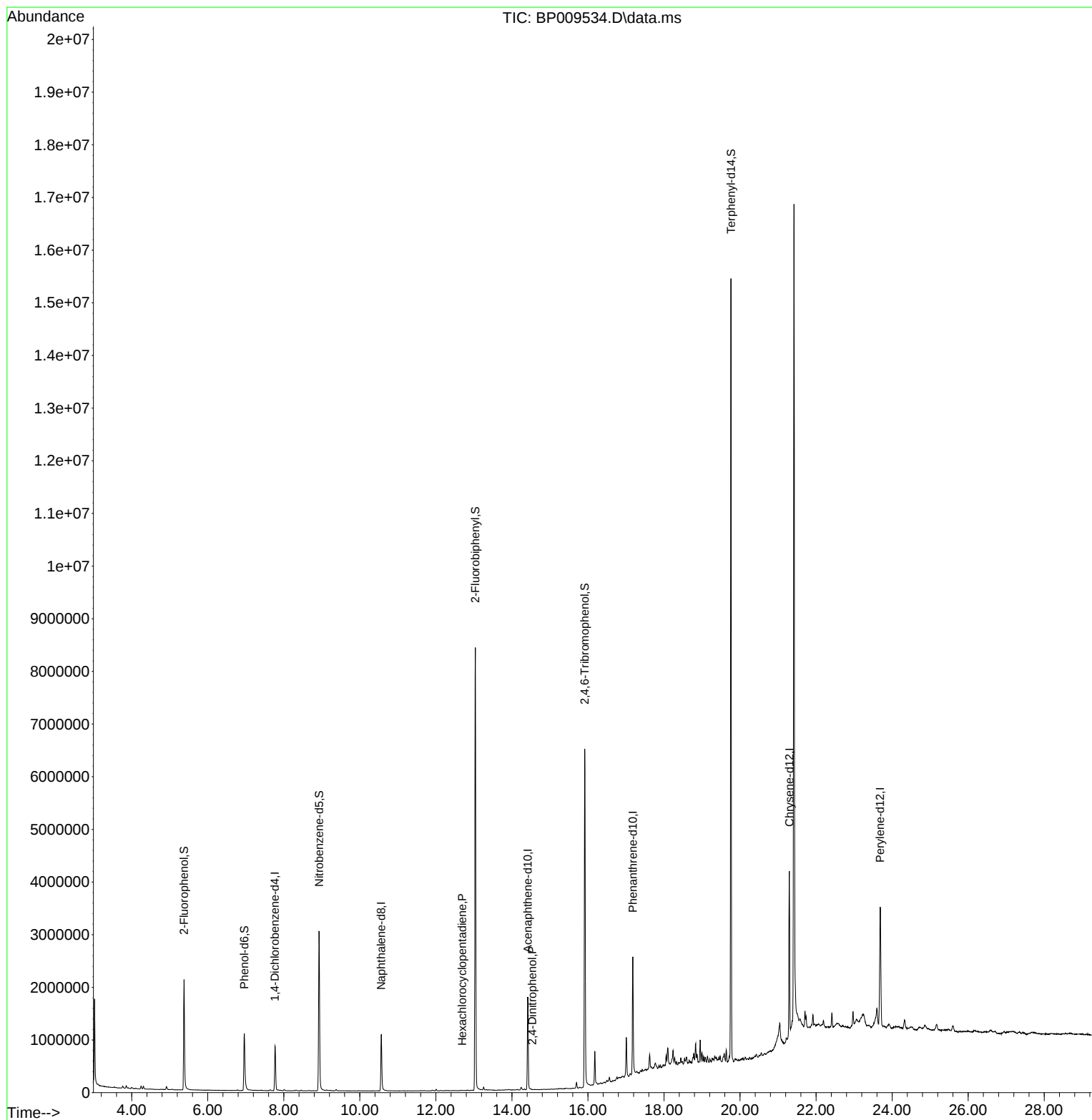
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	273895	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	1067141	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	690977	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1474219	20.000	ng	-0.02
76) Chrysene-d12	21.298	240	1650063	20.000	ng	-0.02
86) Perylene-d12	23.686	264	1842333	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1142685	72.840	ng	-0.02
7) Phenol-d6	6.963	99	866085	40.824	ng	-0.02
23) Nitrobenzene-d5	8.928	82	2046271	101.898	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1558950	136.722	ng	-0.02
45) 2-Fluorobiphenyl	13.040	172	4932280	98.955	ng	-0.02
79) Terphenyl-d14	19.763	244	7677951	83.519	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.928	77	500	Below Cal	#	63
41) Hexachlorocyclopentadiene	12.692	237	69	7.295	ng	85
54) 2,4-Dinitrophenol	14.534	184	118	4.549	ng	# 1

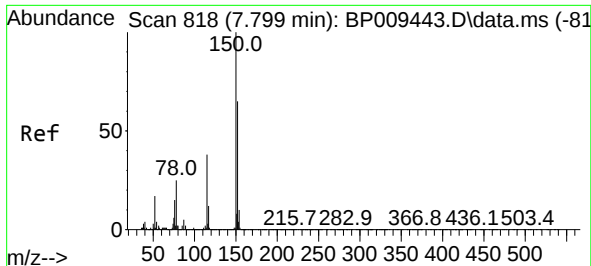
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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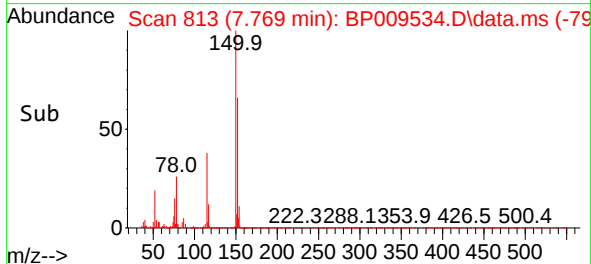
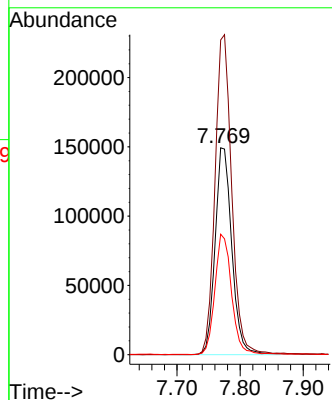
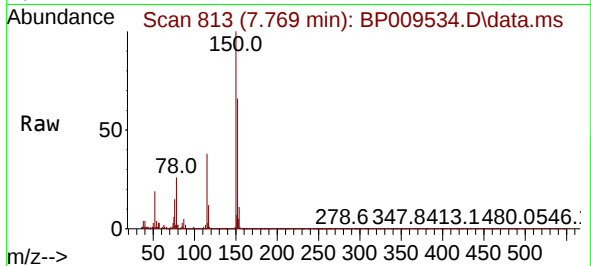




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP009534.D
 Acq: 24 Mar 2022 17:52

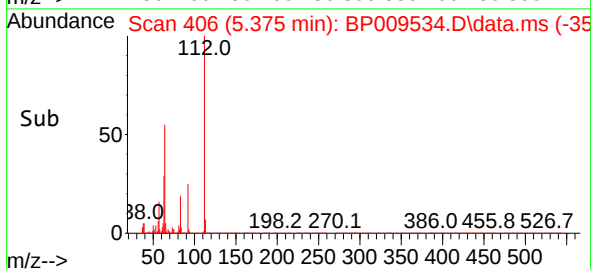
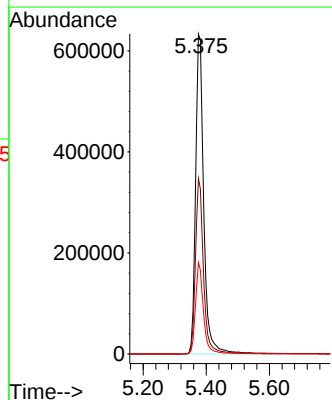
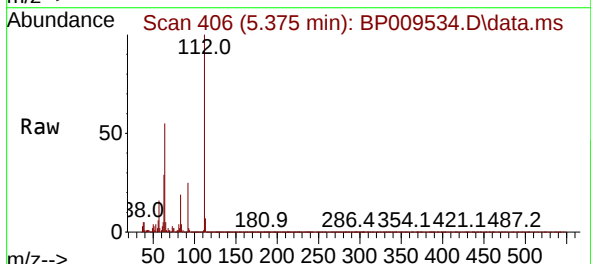
Instrument :
 BNA_P
 ClientSampleId :
 MW-60

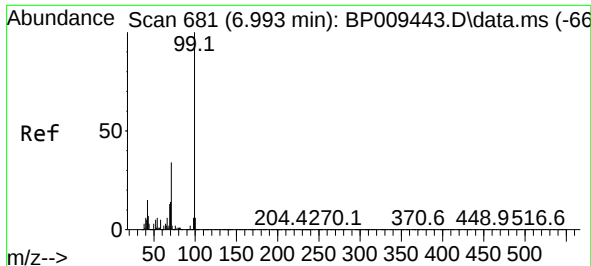
Tgt Ion:152 Resp: 273895
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.5 186.7
 115 58.2 48.2 72.4



#5
 2-Fluorophenol
 Concen: 72.840 ng
 RT: 5.375 min Scan# 406
 Delta R.T. -0.018 min
 Lab File: BP009534.D
 Acq: 24 Mar 2022 17:52

Tgt Ion:112 Resp: 1142685
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.0 67.4
 63 28.6 23.0 34.6

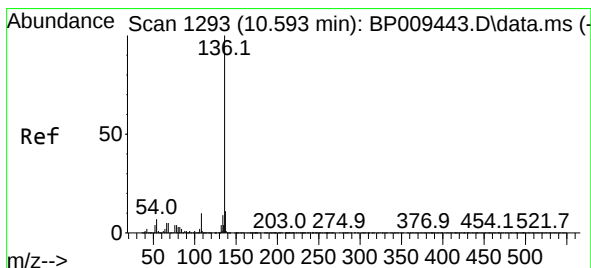
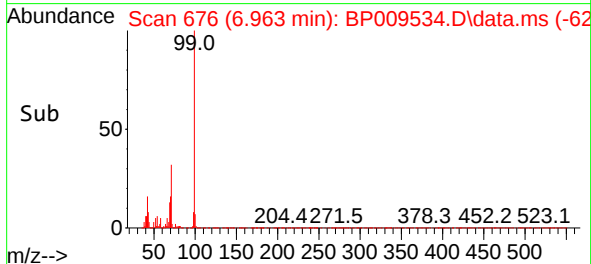
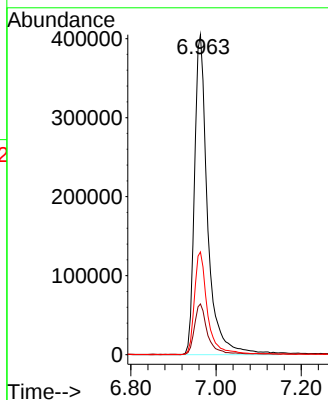
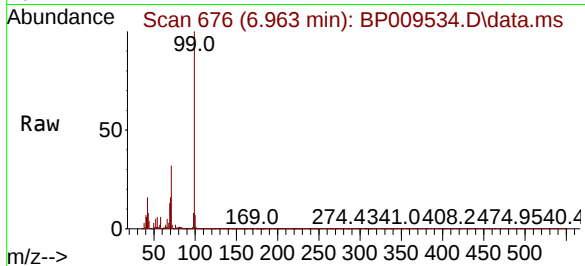




#7
Phenol-d6
Concen: 40.824 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP009534.D
Acq: 24 Mar 2022 17:52

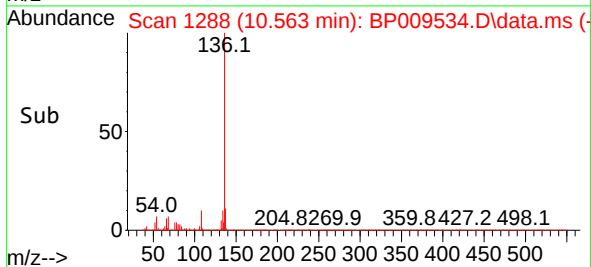
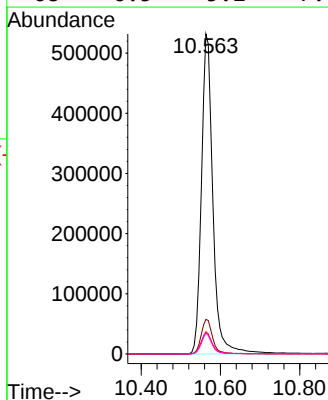
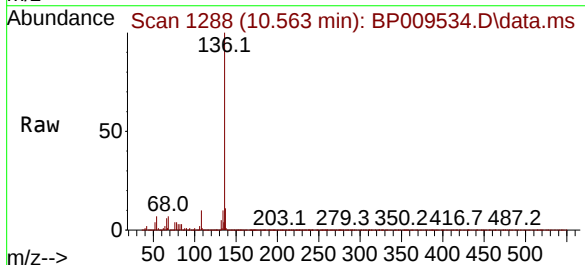
Instrument :
BNA_P
ClientSampleId :
MW-60

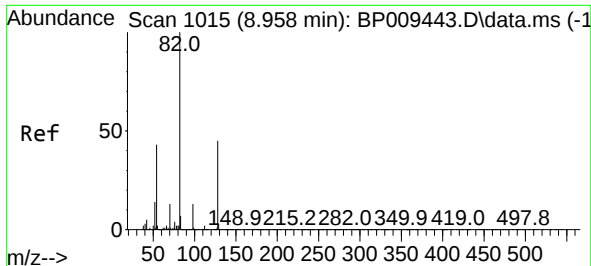
Tgt Ion: 99 Resp: 866085
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 32.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BP009534.D
Acq: 24 Mar 2022 17:52

Tgt Ion:136 Resp: 1067141
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.9 5.8 8.8
68 6.5 5.2 7.8



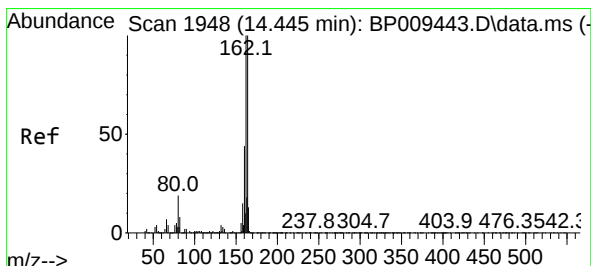
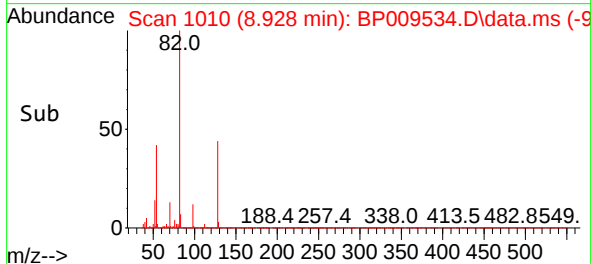
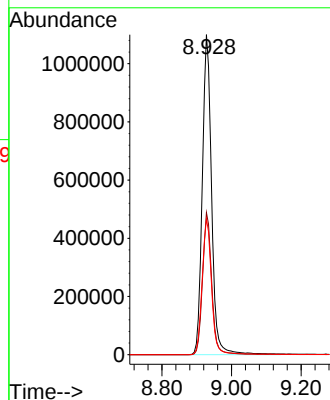
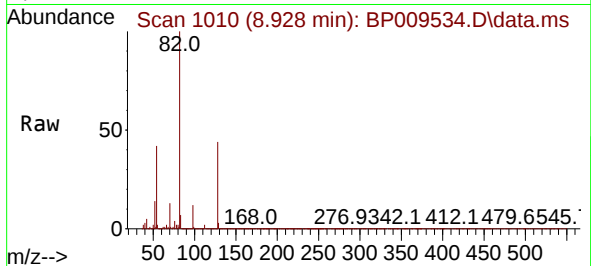


#23
Nitrobenzene-d5
Concen: 101.898 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BP009534.D
Acq: 24 Mar 2022 17:52

Instrument :
BNA_P
ClientSampleId :
MW-60

Tgt Ion: 82 Resp: 2046271

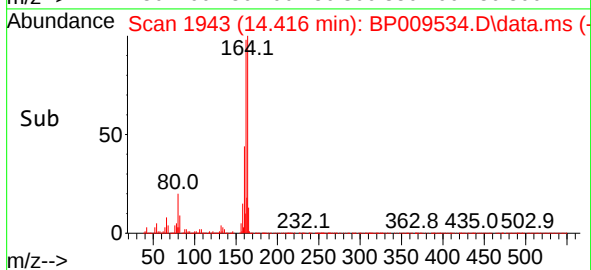
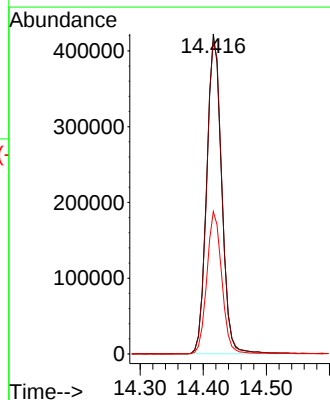
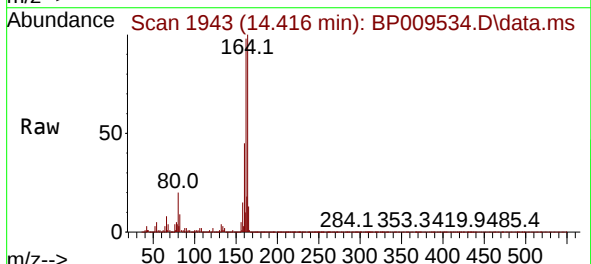
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.4
54	42.4	34.7	52.1

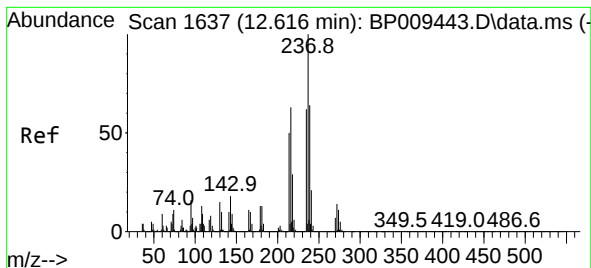


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP009534.D
Acq: 24 Mar 2022 17:52

Tgt Ion: 164 Resp: 690977

Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.1	118.7
160	44.5	34.9	52.3





#41

Hexachlorocyclopentadiene

Concen: 7.295 ng

RT: 12.692 min Scan# 1

Delta R.T. 0.088 min

Lab File: BP009534.D

Acq: 24 Mar 2022 17:52

Instrument :

BNA_P

ClientSampleId :

MW-60

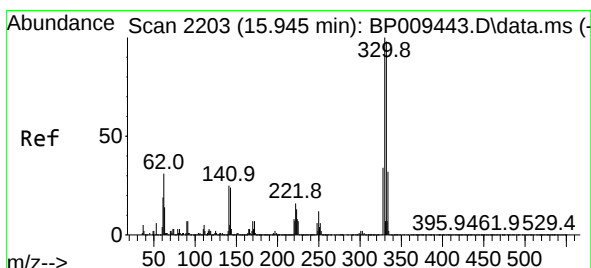
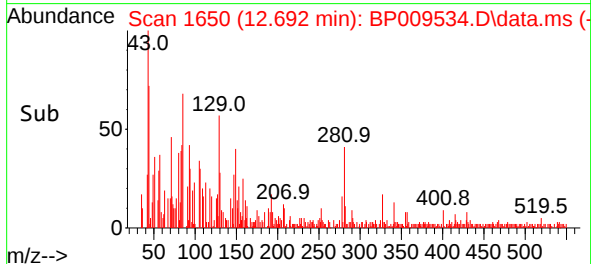
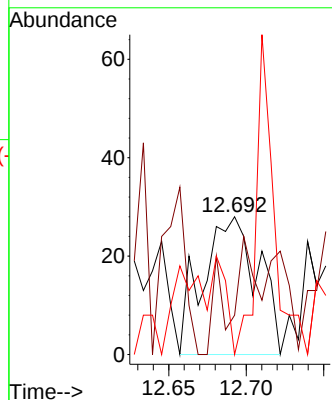
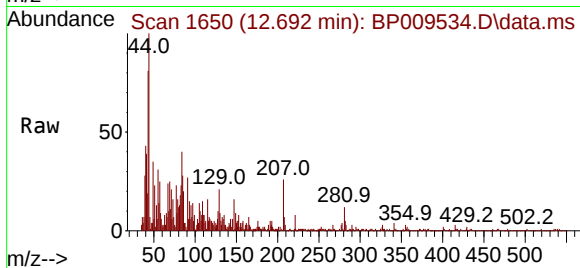
Tgt Ion:237 Resp: 69

Ion Ratio Lower Upper

237 100

235 53.6 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 136.722 ng

RT: 15.916 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BP009534.D

Acq: 24 Mar 2022 17:52

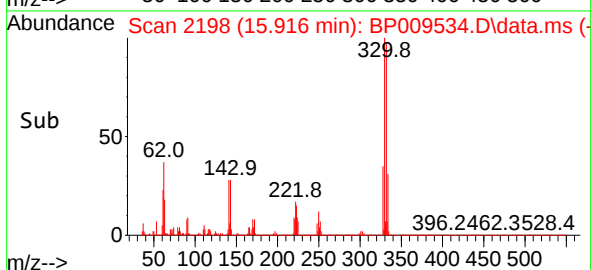
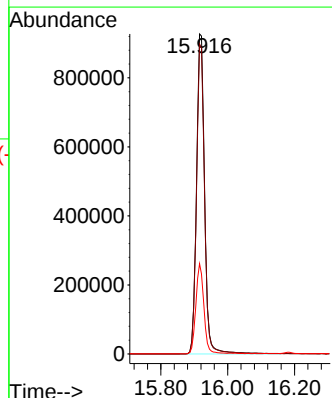
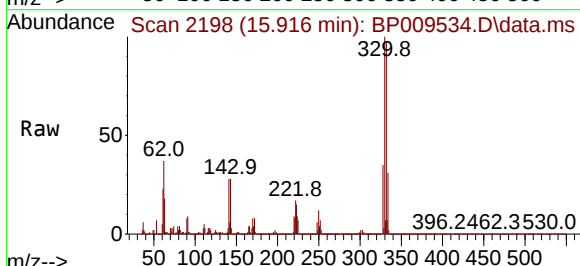
Tgt Ion:330 Resp: 1558950

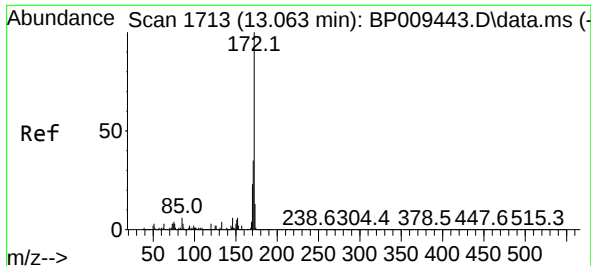
Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 27.9 27.6 41.4

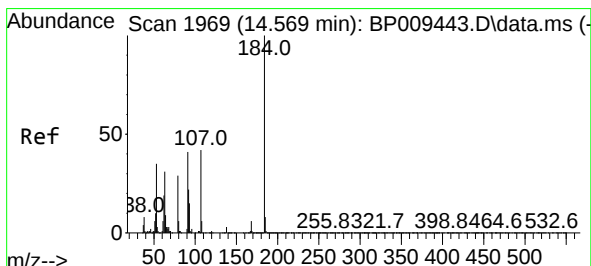
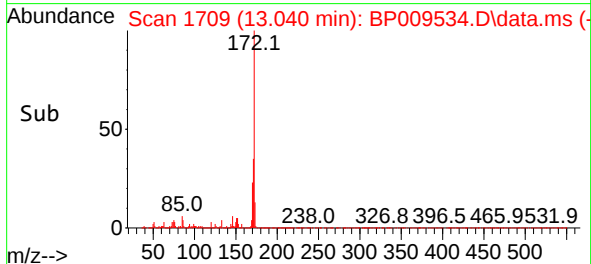
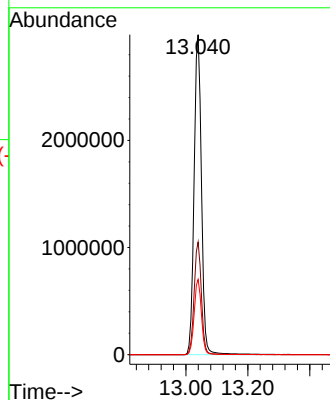
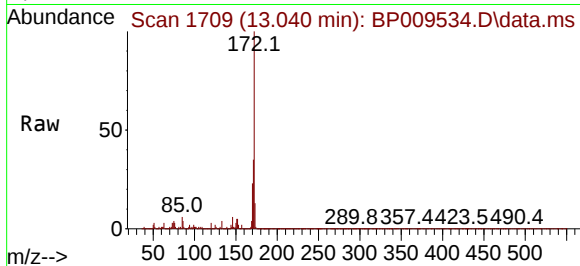




#45
2-Fluorobiphenyl
Concen: 98.955 ng
RT: 13.040 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP009534.D
Acq: 24 Mar 2022 17:52

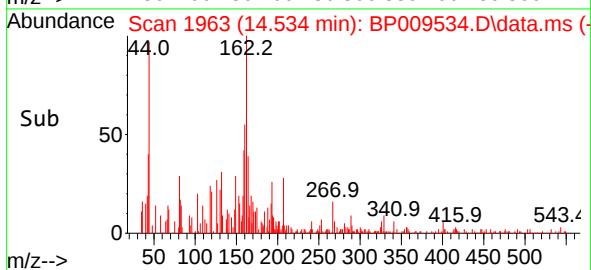
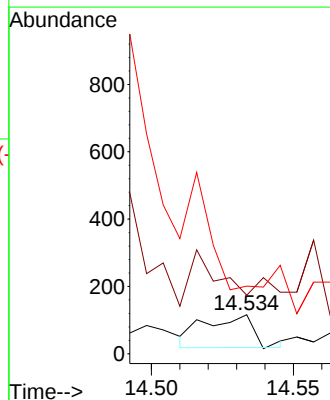
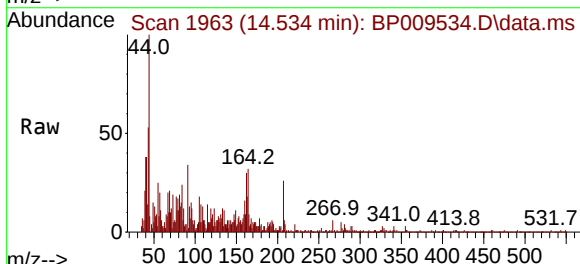
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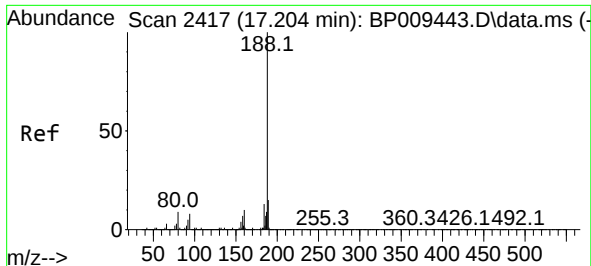
Tgt Ion:172 Resp: 4932280
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.5 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.549 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.029 min
Lab File: BP009534.D
Acq: 24 Mar 2022 17:52

Tgt Ion:184 Resp: 118
Ion Ratio Lower Upper
184 100
63 150.0 46.3 69.5#
154 173.3 45.8 68.6#

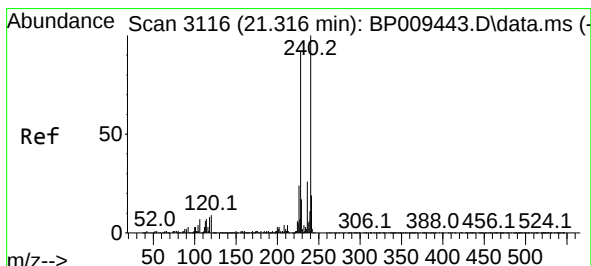
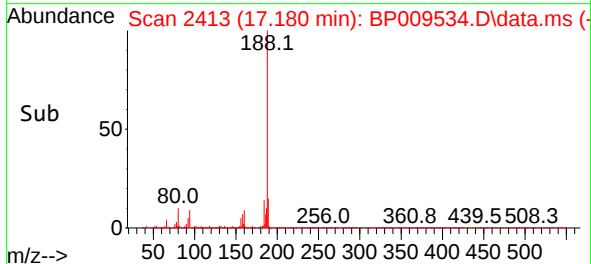
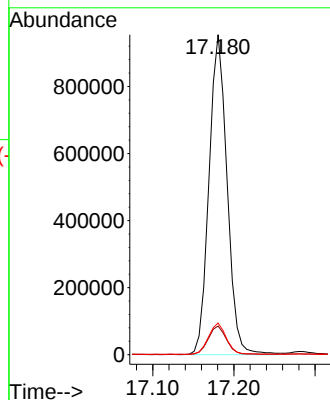
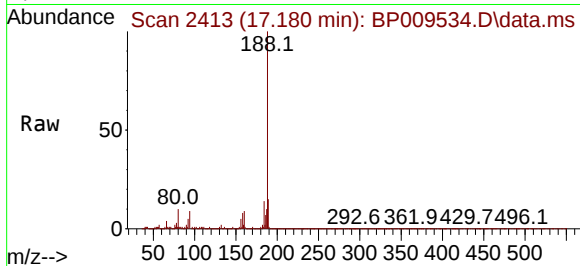




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP009534.D
Acq: 24 Mar 2022 17:52

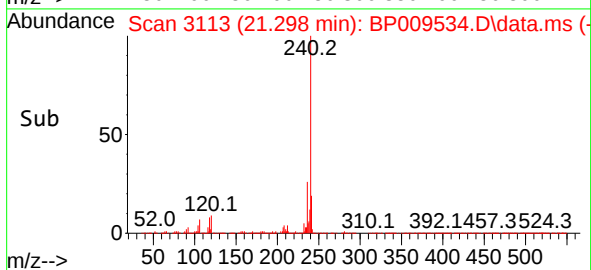
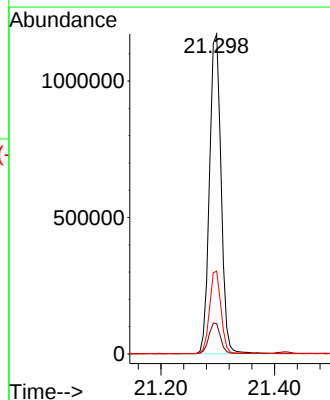
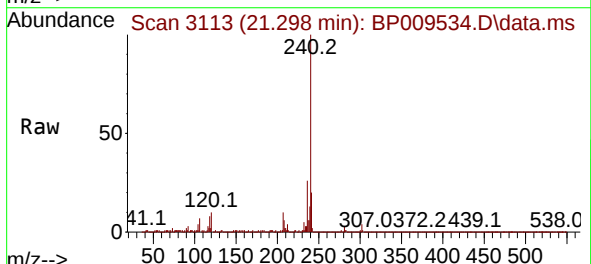
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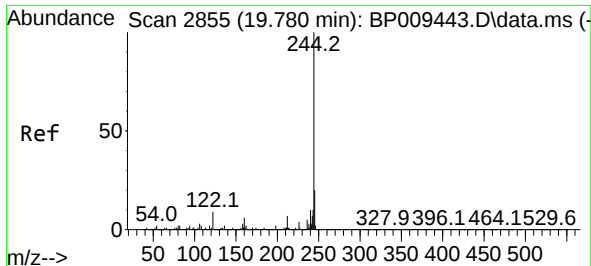
Tgt Ion:188 Resp: 1474219
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.9 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP009534.D
Acq: 24 Mar 2022 17:52

Tgt Ion:240 Resp: 1650063
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.4
236 25.9 20.6 30.8



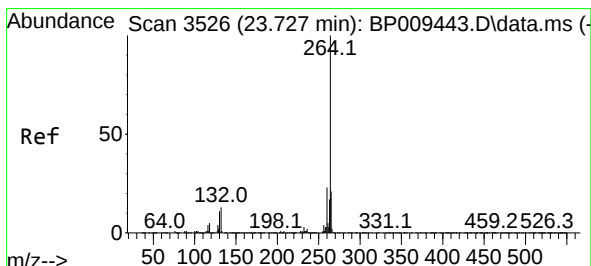
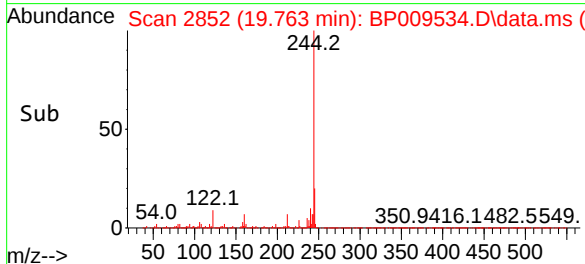
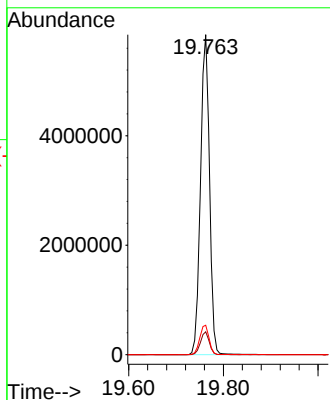
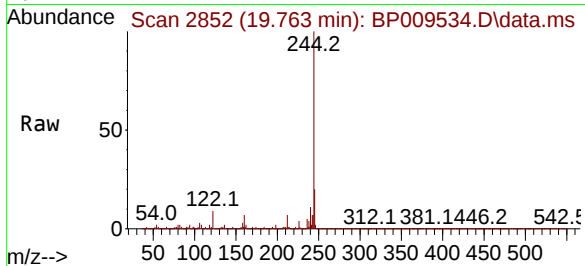


#79
 Terphenyl-d14
 Concen: 83.519 ng
 RT: 19.763 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP009534.D
 Acq: 24 Mar 2022 17:52

Instrument :
 BNA_P
 ClientSampleId :
 MW-60

Tgt Ion:244 Resp: 7677951

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.2	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: BP009534.D
 Acq: 24 Mar 2022 17:52

Tgt Ion:264 Resp: 1842333

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.7	17.2	25.8

