

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031722\
 Data File : BP009449.D
 Acq On : 17 Mar 2022 18:17
 Operator : CG/JU
 Sample : PB143392BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143392BL

Quant Time: Mar 17 18:48:39 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)

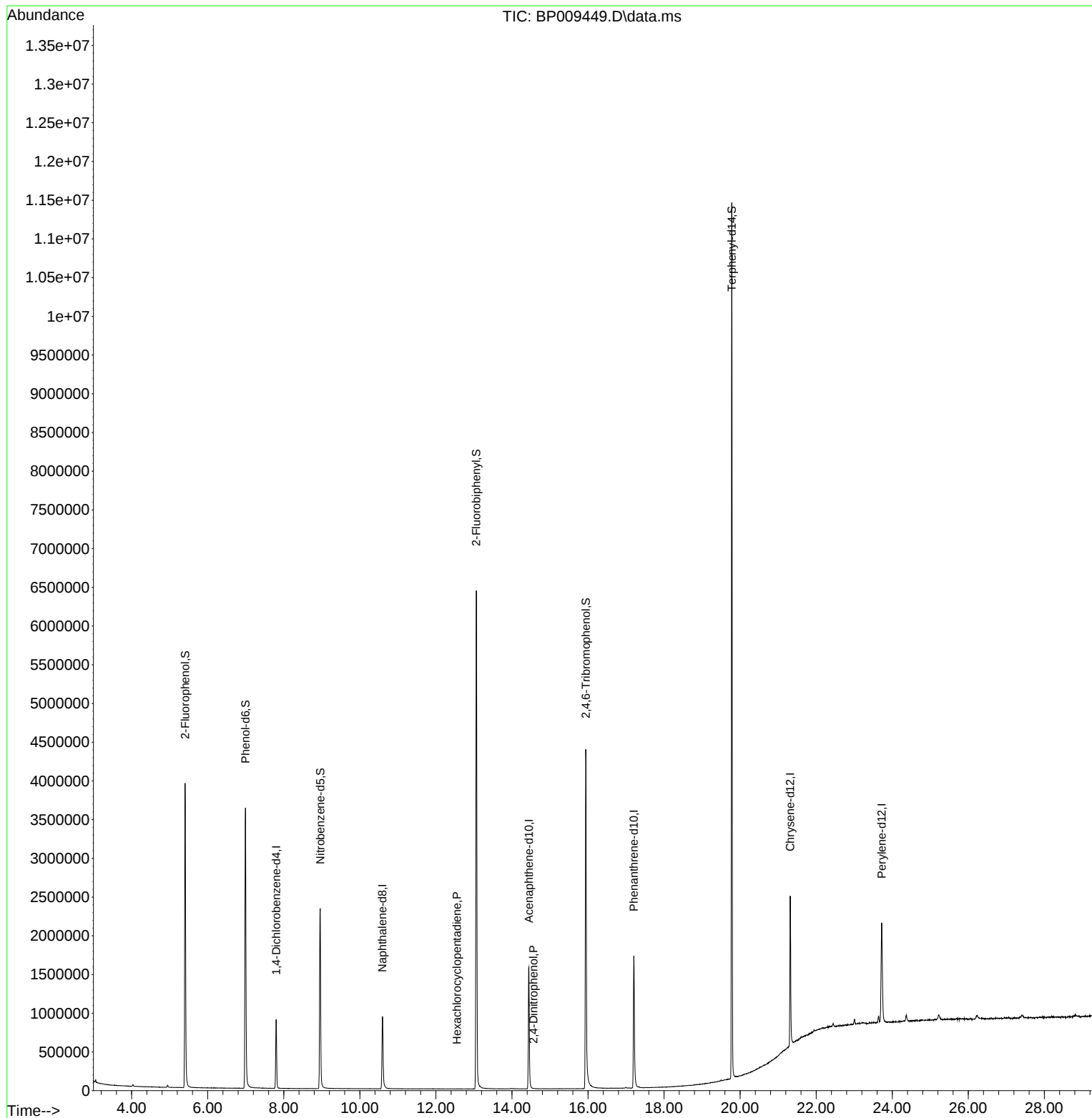
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	272013	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1056366	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	678474	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1354560	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1227764	20.000	ng	0.00
86) Perylene-d12	23.721	264	1197094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2037119	130.754	ng	0.00
7) Phenol-d6	6.993	99	2520898	119.647	ng	0.00
23) Nitrobenzene-d5	8.957	82	1640739	82.537	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1247119	111.390	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4025132	82.243	ng	0.00
79) Terphenyl-d14	19.780	244	6013231	87.909	ng	0.00
Target Compounds						
9) Benzaldehyde	6.940	77	230	Below Cal	#	40
41) Hexachlorocyclopentadiene	12.551	237	19	7.290	ng	87
54) 2,4-Dinitrophenol	14.563	184	61	4.541	ng	# 1

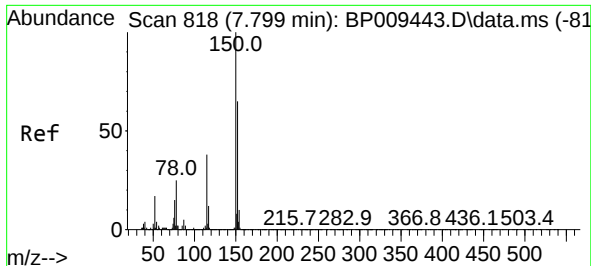
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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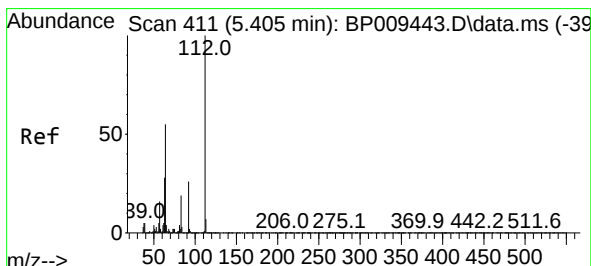
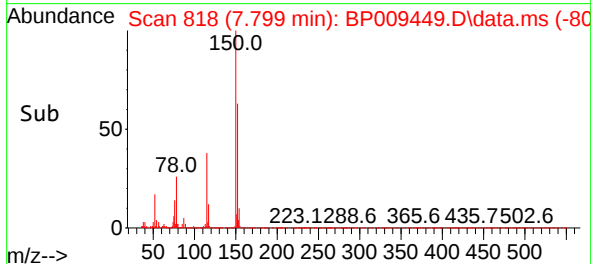
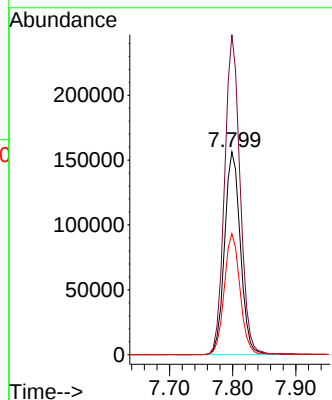
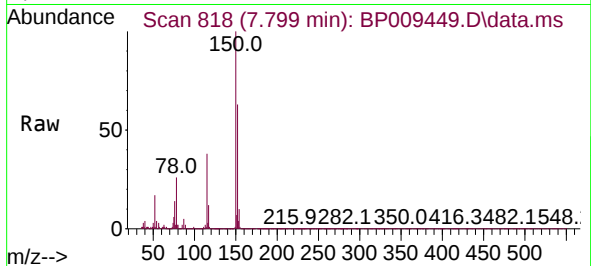




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.799 min Scan# 818
 Delta R.T. -0.000 min
 Lab File: BP009449.D
 Acq: 17 Mar 2022 18:17

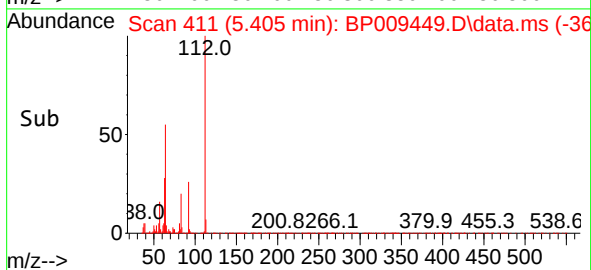
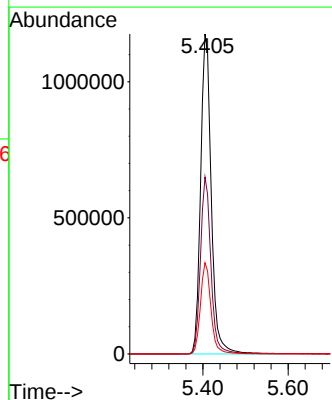
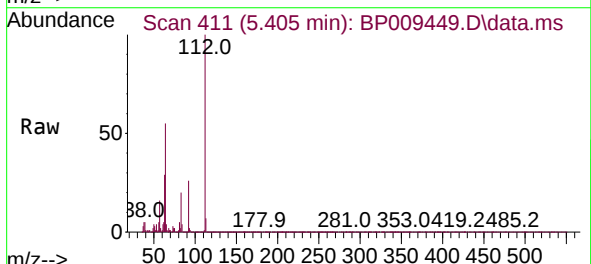
Instrument :
 BNA_P
 ClientSampleId :
 PB143392BL

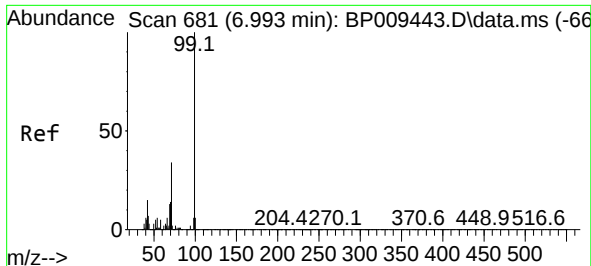
Tgt Ion:152 Resp: 272013
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.5 186.7
 115 59.6 48.2 72.4



#5
 2-Fluorophenol
 Concen: 130.754 ng
 RT: 5.405 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: BP009449.D
 Acq: 17 Mar 2022 18:17

Tgt Ion:112 Resp: 2037119
 Ion Ratio Lower Upper
 112 100
 64 55.3 45.0 67.4
 63 28.5 23.0 34.6



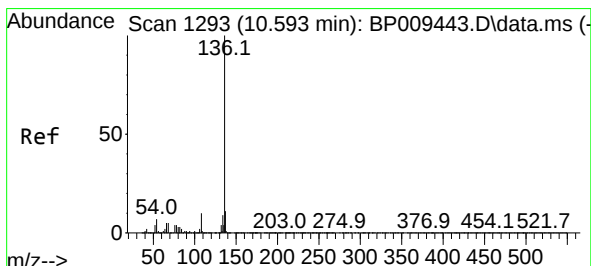
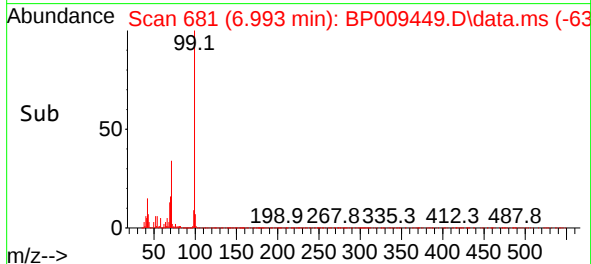
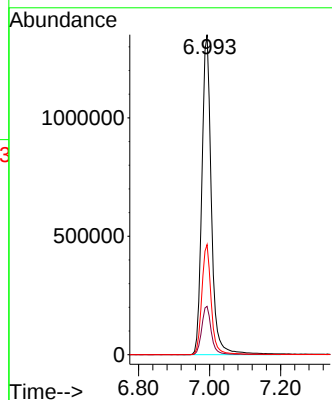
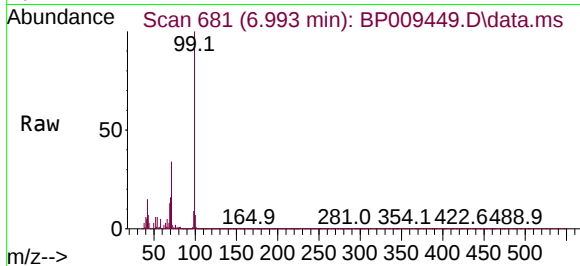


#7
Phenol-d6
Concen: 119.647 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP009449.D
Acq: 17 Mar 2022 18:17

Instrument :
BNA_P
ClientSampleId :
PB143392BL

Tgt Ion: 99 Resp: 2520898

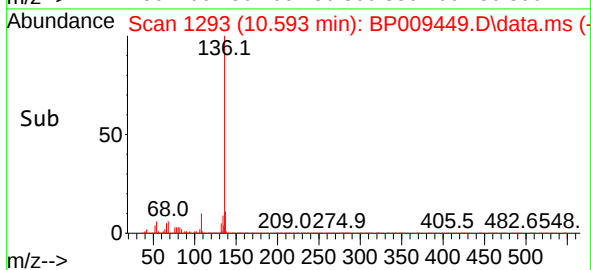
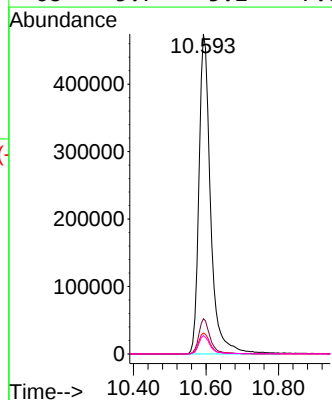
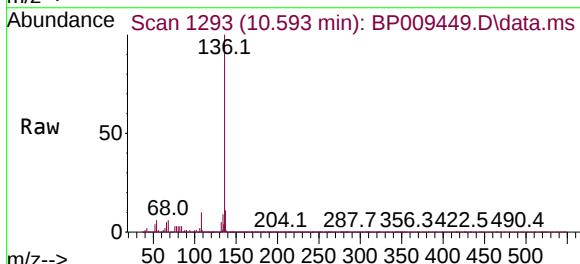
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	34.4	26.3	39.5

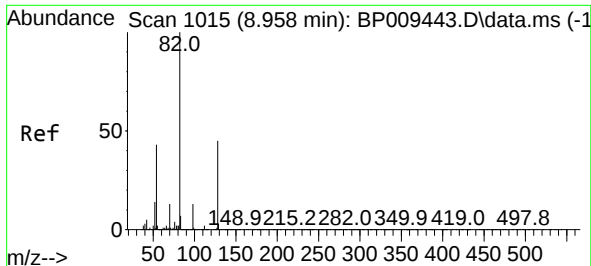


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP009449.D
Acq: 17 Mar 2022 18:17

Tgt Ion: 136 Resp: 1056366

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.5	5.8	8.8
68	5.7	5.2	7.8

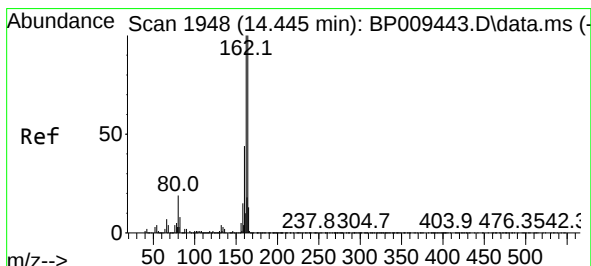
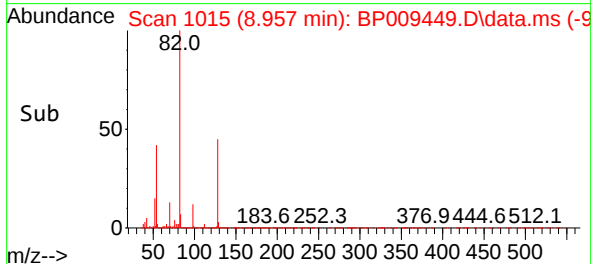
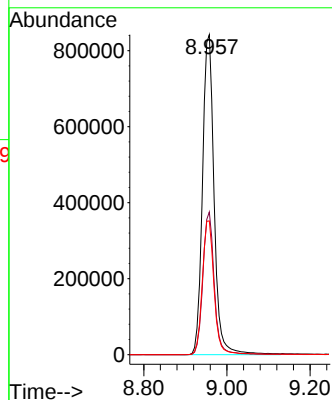
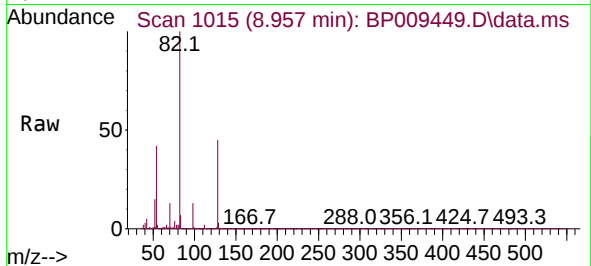




#23
Nitrobenzene-d5
Concen: 82.537 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BP009449.D
Acq: 17 Mar 2022 18:17

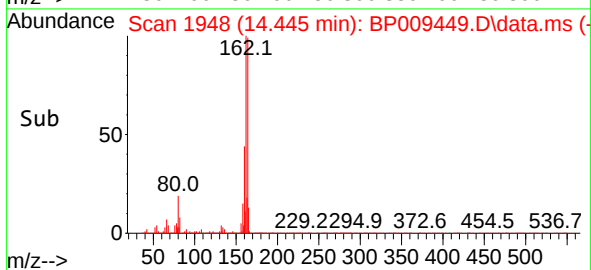
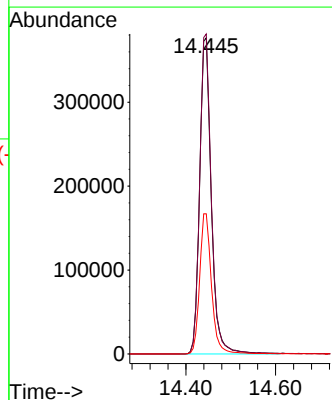
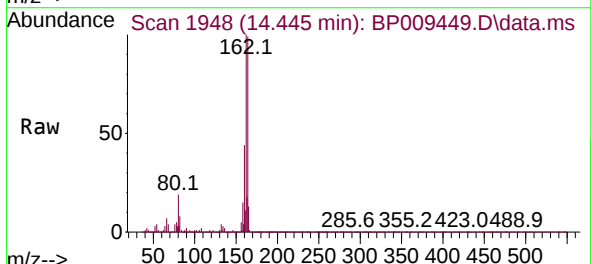
Instrument :
BNA_P
ClientSampleId :
PB143392BL

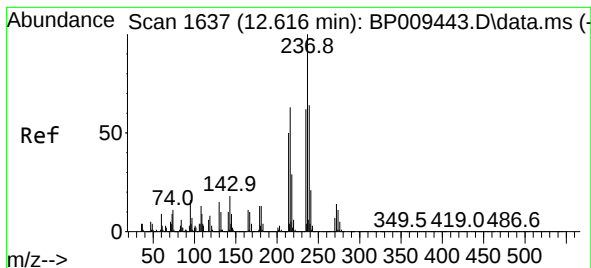
Tgt Ion: 82 Resp: 1640739
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 41.8 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009449.D
Acq: 17 Mar 2022 18:17

Tgt Ion:164 Resp: 678474
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 44.4 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.290 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.065 min

Lab File: BP009449.D

Acq: 17 Mar 2022 18:17

Instrument :

BNA_P

ClientSampleId :

PB143392BL

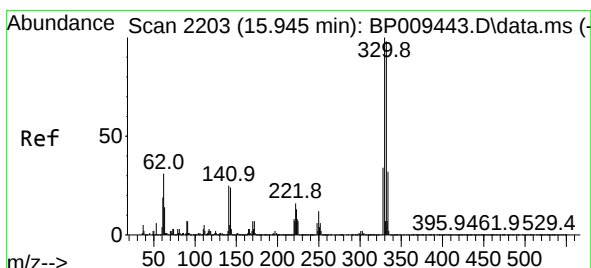
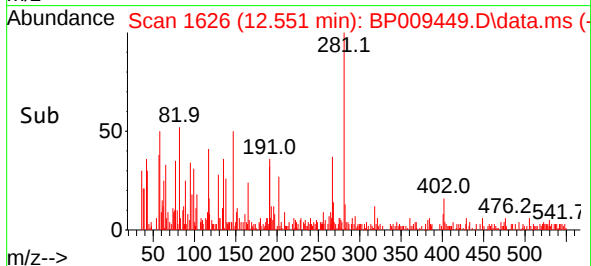
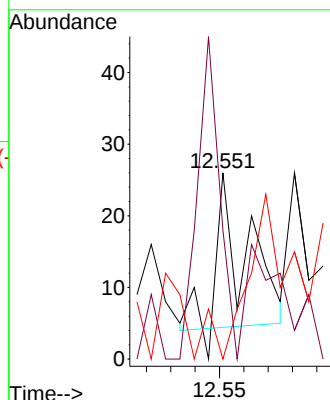
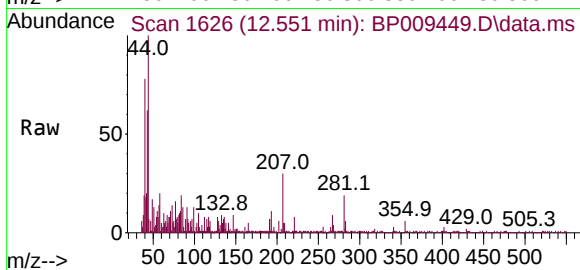
Tgt Ion:237 Resp: 19

Ion Ratio Lower Upper

237 100

235 69.2 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 111.390 ng

RT: 15.945 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BP009449.D

Acq: 17 Mar 2022 18:17

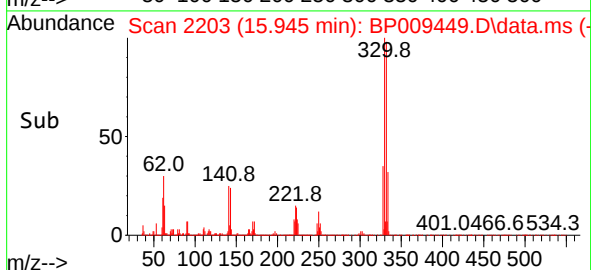
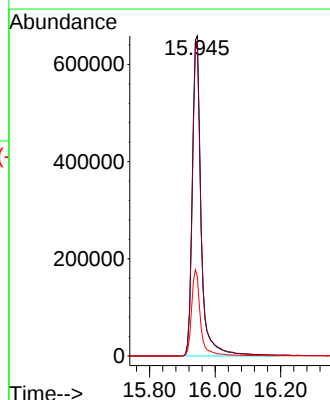
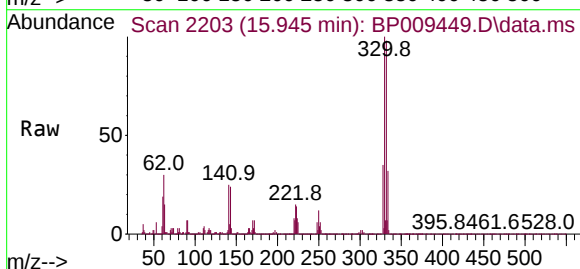
Tgt Ion:330 Resp: 1247119

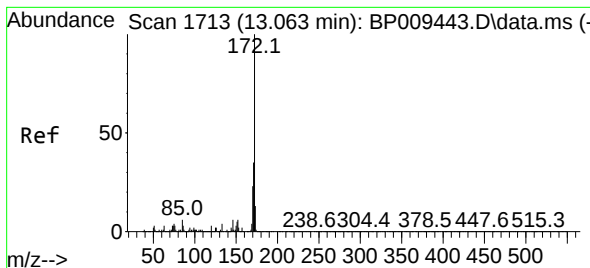
Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 26.9 27.6 41.4#

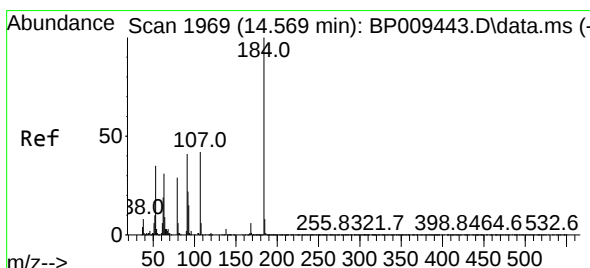
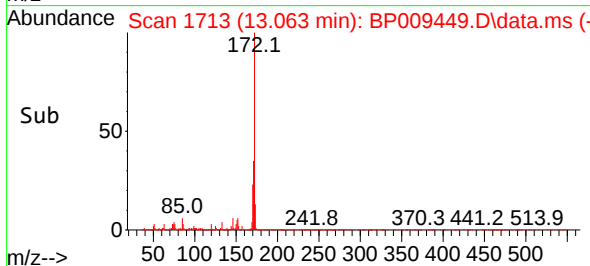
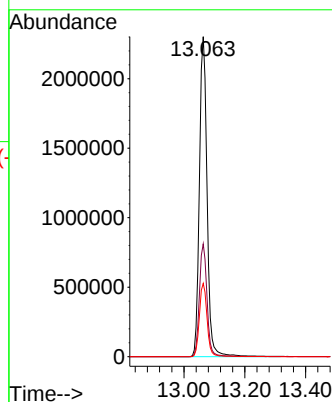
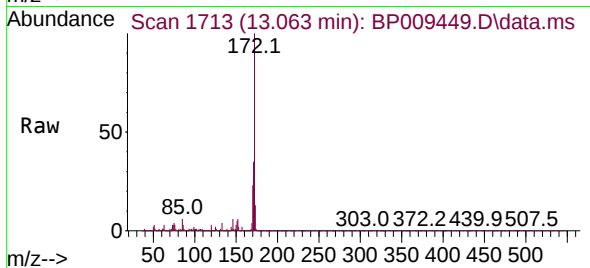




#45
2-Fluorobiphenyl
Concen: 82.243 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP009449.D
Acq: 17 Mar 2022 18:17

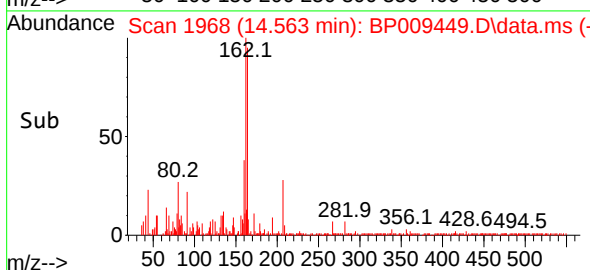
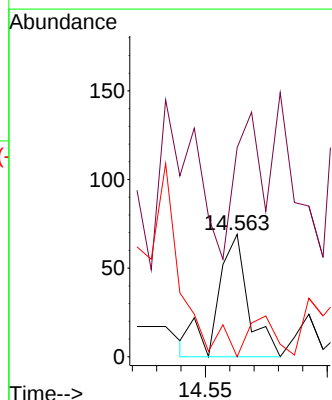
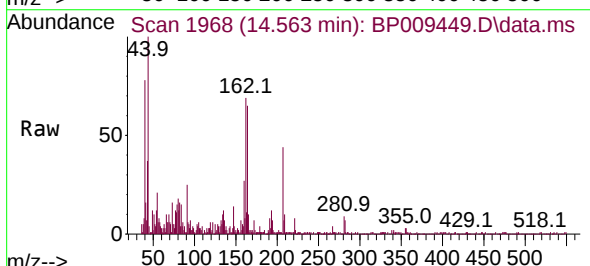
Instrument :
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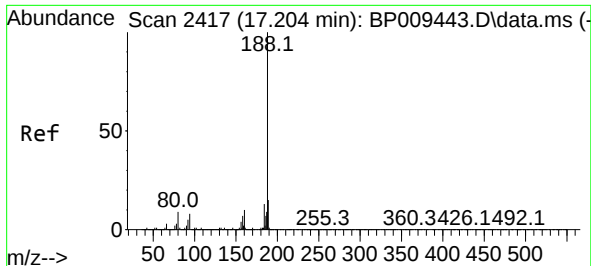
Tgt Ion:172 Resp: 4025132
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 22.9 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.541 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP009449.D
Acq: 17 Mar 2022 18:17

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 171.0 46.3 69.5#
154 0.0 45.8 68.6#

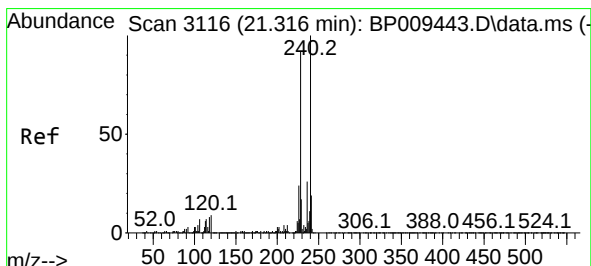
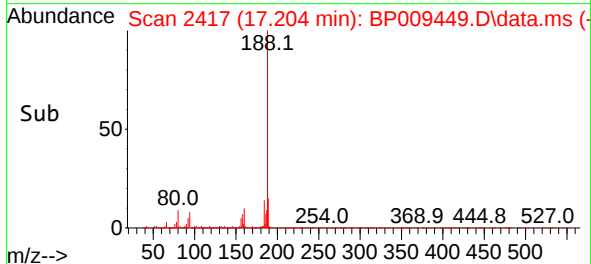
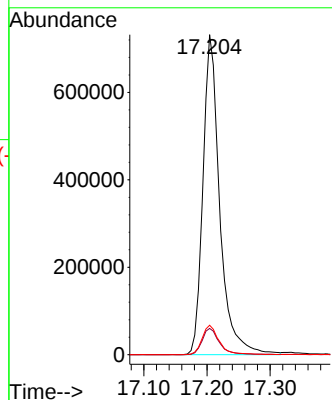
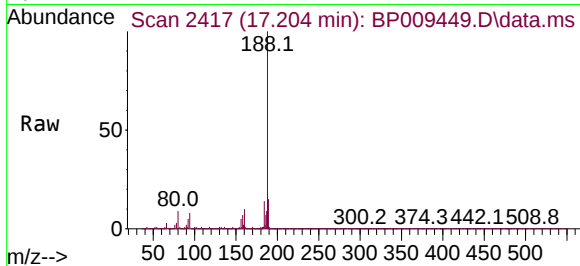




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009449.D
Acq: 17 Mar 2022 18:17

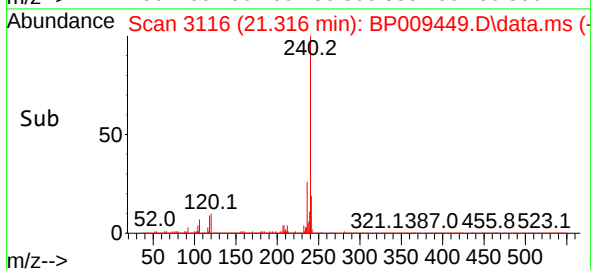
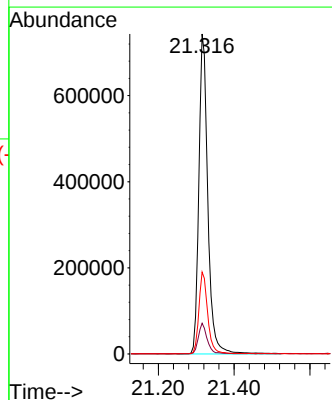
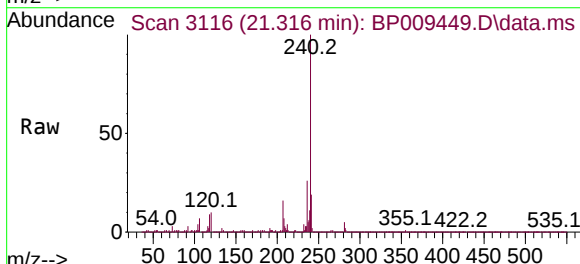
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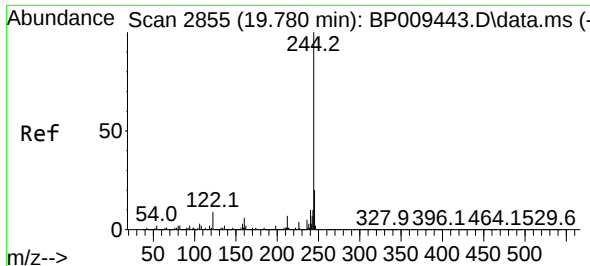
Tgt Ion:188 Resp: 1354560
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 9.2 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP009449.D
Acq: 17 Mar 2022 18:17

Tgt Ion:240 Resp: 1227764
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.6 20.6 30.8

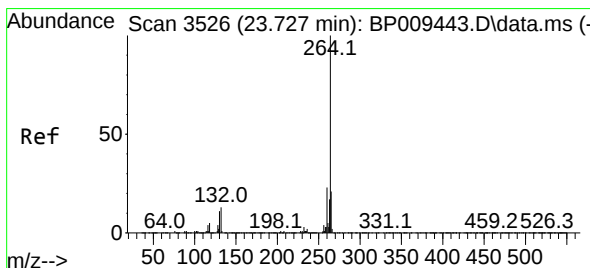
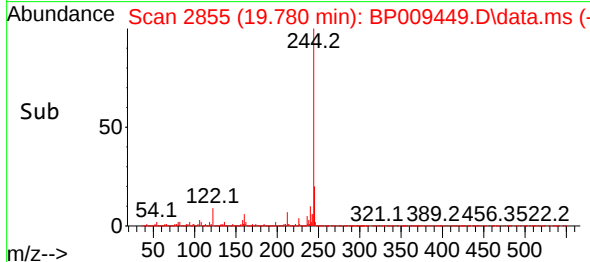
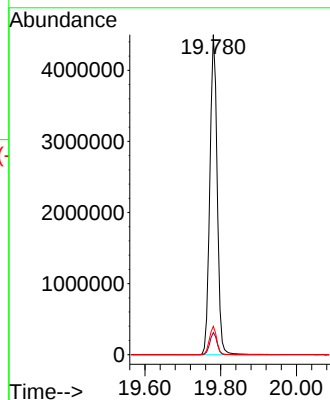
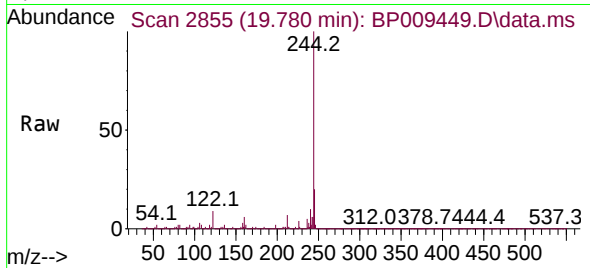




#79
 Terphenyl-d14
 Concen: 87.909 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP009449.D
 Acq: 17 Mar 2022 18:17

Instrument :
 BNA_P
 ClientSampleId :
 PB143392BL

Tgt Ion:244 Resp: 6013231
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3525
 Delta R.T. -0.006 min
 Lab File: BP009449.D
 Acq: 17 Mar 2022 18:17

Tgt Ion:264 Resp: 1197094
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 22.6 17.2 25.8

