

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031722\
 Data File : BP009448.D
 Acq On : 17 Mar 2022 17:43
 Operator : CG/JU
 Sample : PB143199BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143199BL

Quant Time: Mar 17 18:48:19 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)

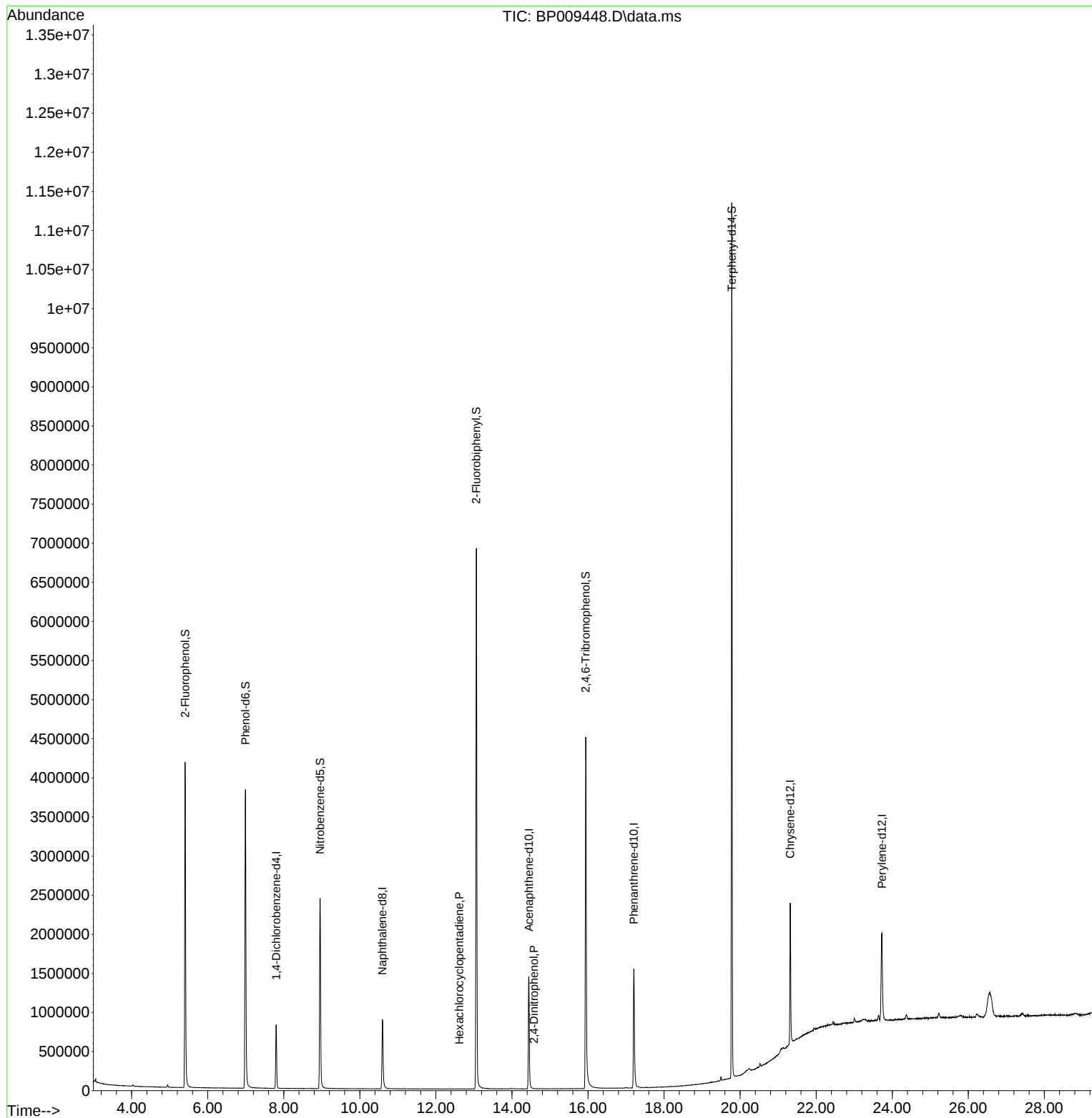
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	250304	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	983034	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	620434	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1248189	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1103274	20.000	ng	0.00
86) Perylene-d12	23.727	264	1066624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2110223	147.193	ng	0.00
7) Phenol-d6	6.993	99	2636076	135.965	ng	0.00
23) Nitrobenzene-d5	8.952	82	1689103	91.309	ng	0.00
42) 2,4,6-Tribromophenol	15.940	330	1262710	123.333	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4090674	91.402	ng	0.00
79) Terphenyl-d14	19.781	244	6011702	97.803	ng	0.00
Target Compounds						
9) Benzaldehyde	6.987	77	4586	Below Cal	#	13
41) Hexachlorocyclopentadiene	12.616	237	32	7.292	ng	80
54) 2,4-Dinitrophenol	14.575	184	30	4.537	ng	# 23

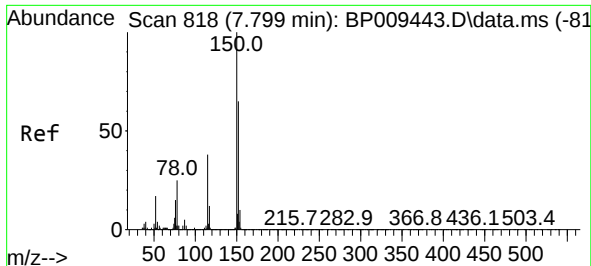
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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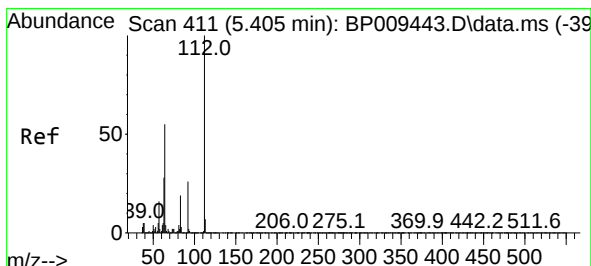
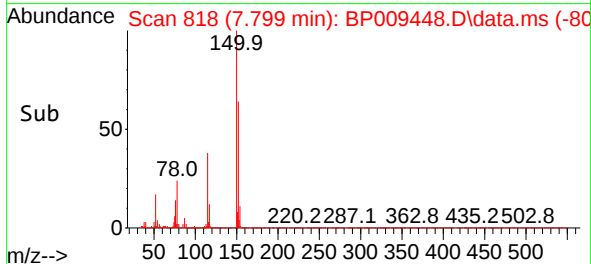
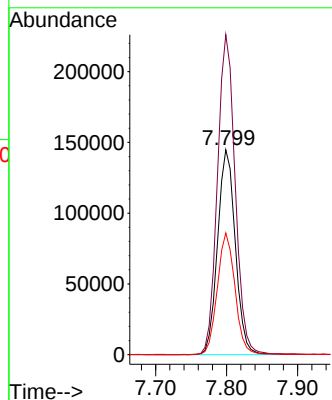
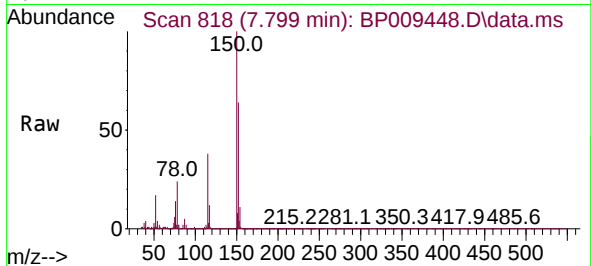




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.799 min Scan# 818
 Delta R.T. -0.000 min
 Lab File: BP009448.D
 Acq: 17 Mar 2022 17:43

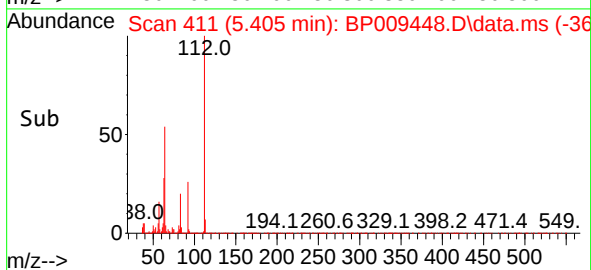
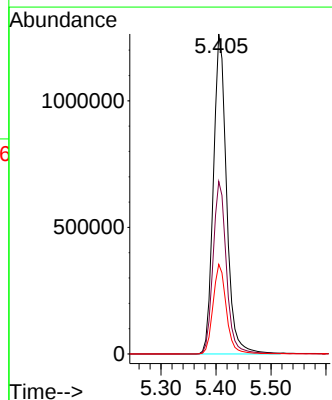
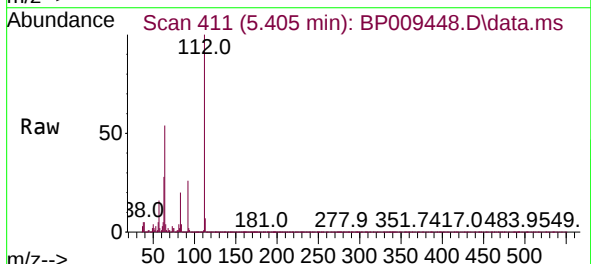
Instrument :
 BNA_P
 ClientSampleId :
 PB143199BL

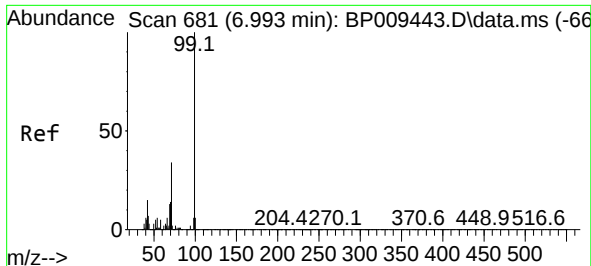
Tgt Ion:152 Resp: 250304
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.5 186.7
 115 59.4 48.2 72.4



#5
 2-Fluorophenol
 Concen: 147.193 ng
 RT: 5.405 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: BP009448.D
 Acq: 17 Mar 2022 17:43

Tgt Ion:112 Resp: 2110223
 Ion Ratio Lower Upper
 112 100
 64 53.9 45.0 67.4
 63 28.0 23.0 34.6

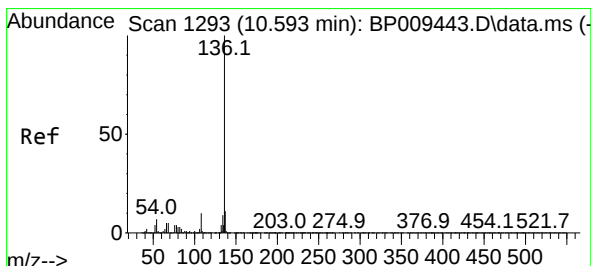
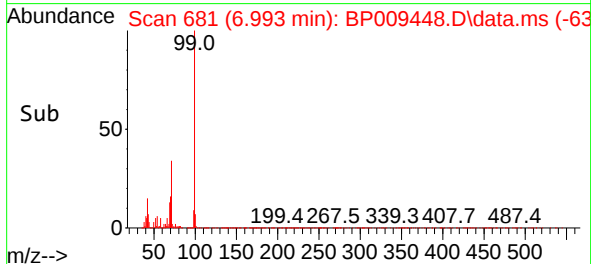
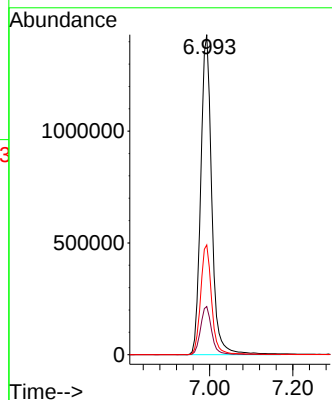
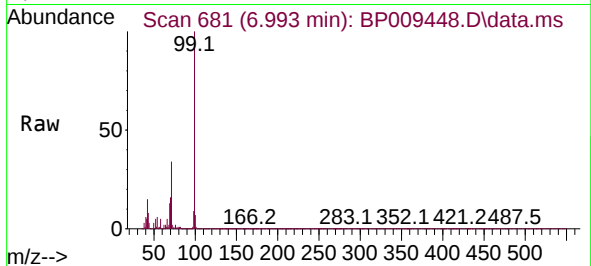




#7
Phenol-d6
Concen: 135.965 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP009448.D
Acq: 17 Mar 2022 17:43

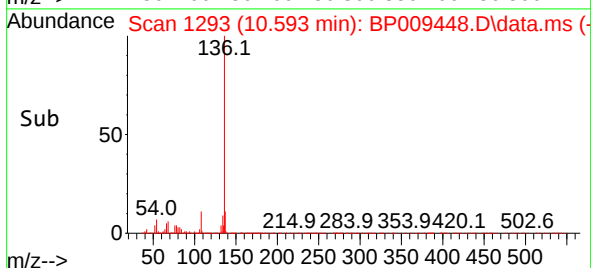
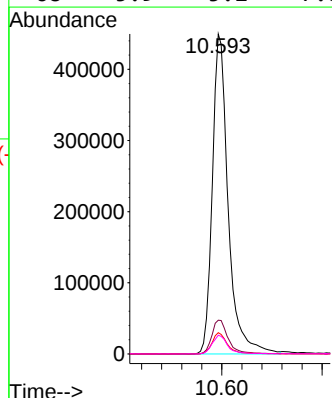
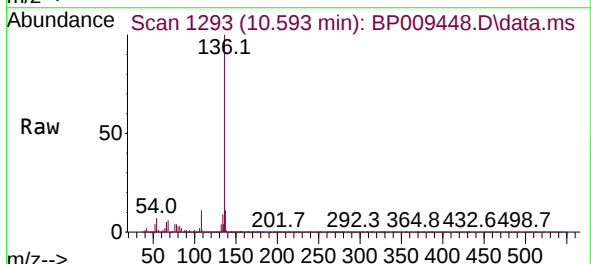
Instrument :
BNA_P
ClientSampleId :
PB143199BL

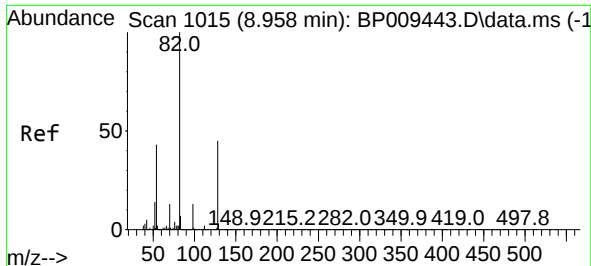
Tgt Ion: 99 Resp: 2636076
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 34.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP009448.D
Acq: 17 Mar 2022 17:43

Tgt Ion: 136 Resp: 983034
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.7 5.8 8.8
68 5.9 5.2 7.8

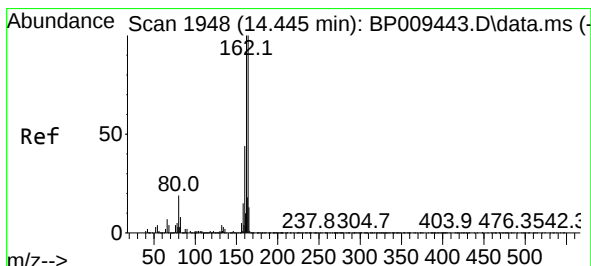
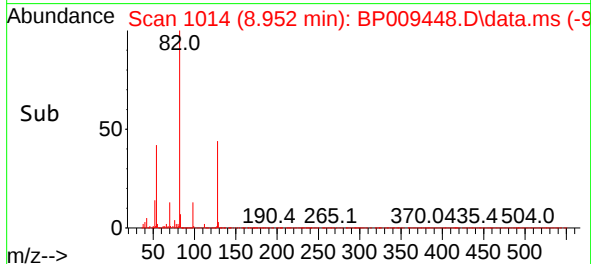
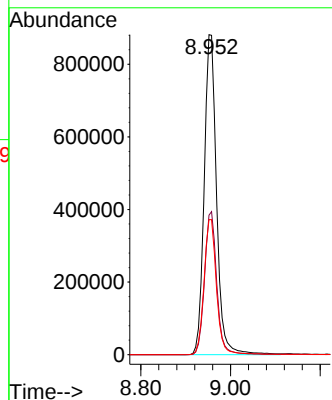
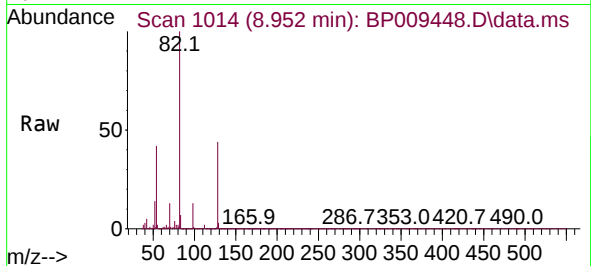




#23
Nitrobenzene-d5
Concen: 91.309 ng
RT: 8.952 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP009448.D
Acq: 17 Mar 2022 17:43

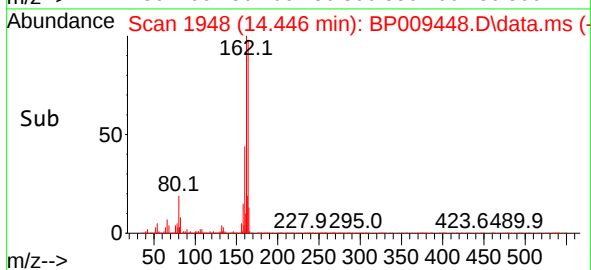
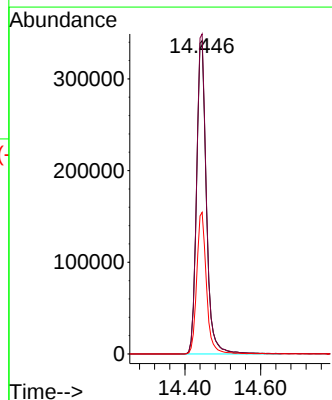
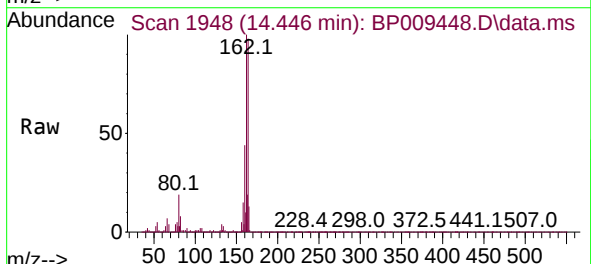
Instrument :
BNA_P
ClientSampleId :
PB143199BL

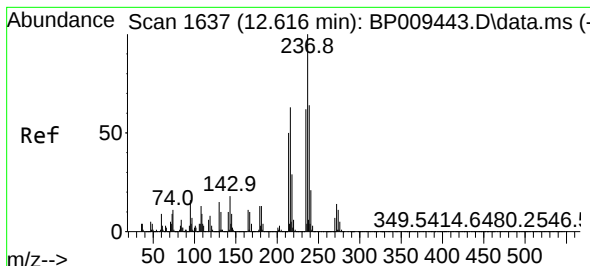
Tgt Ion: 82 Resp: 1689103
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 42.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1948
Delta R.T. 0.001 min
Lab File: BP009448.D
Acq: 17 Mar 2022 17:43

Tgt Ion: 164 Resp: 620434
Ion Ratio Lower Upper
164 100
162 102.1 79.1 118.7
160 45.2 34.9 52.3

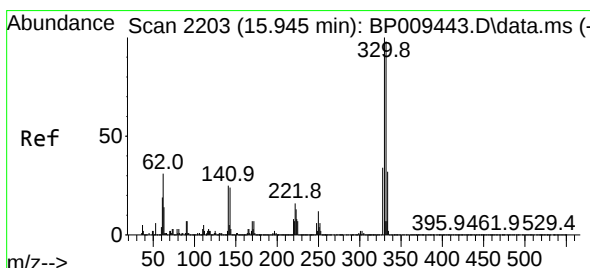
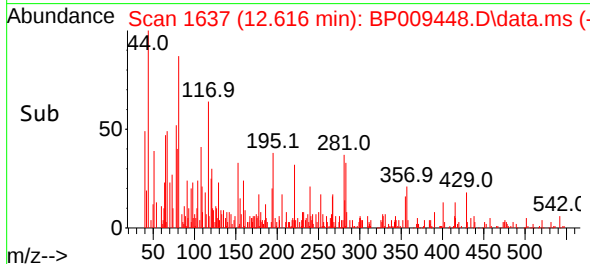
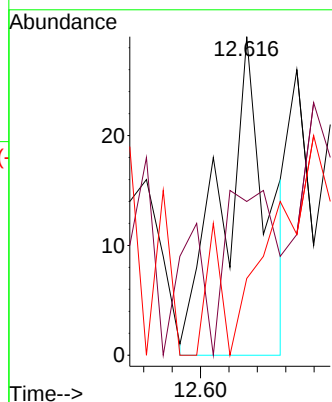
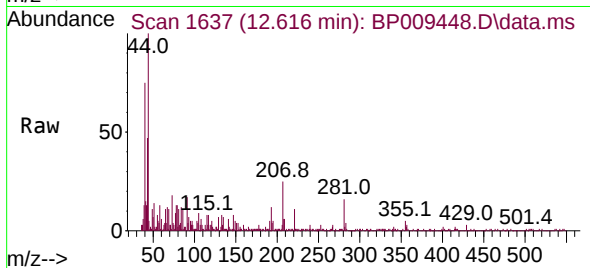




#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009448.D
Acq: 17 Mar 2022 17:43

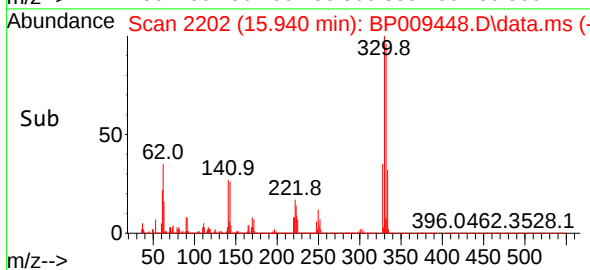
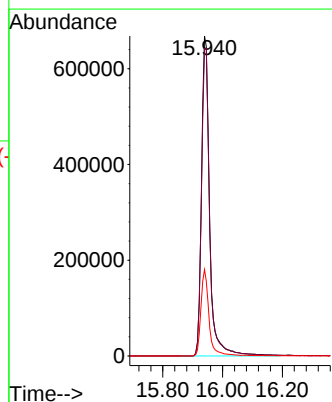
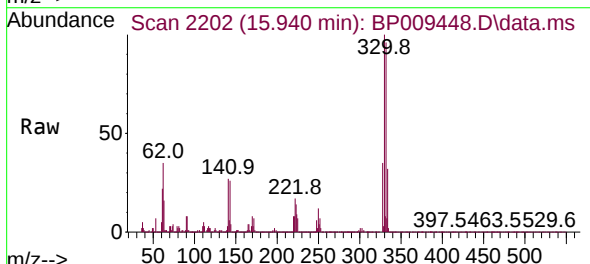
Instrument :
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ClientSampleId :
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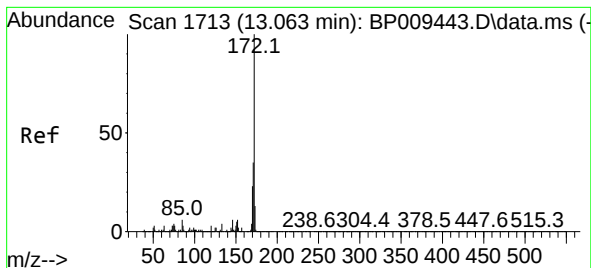
Tgt Ion:	237	Resp:	32
Ion	Ratio	Lower	Upper
237	100		
235	48.3	42.6	82.6
272	24.1	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 123.333 ng
RT: 15.940 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009448.D
Acq: 17 Mar 2022 17:43

Tgt Ion:	330	Resp:	1262710
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.6	27.6	41.4

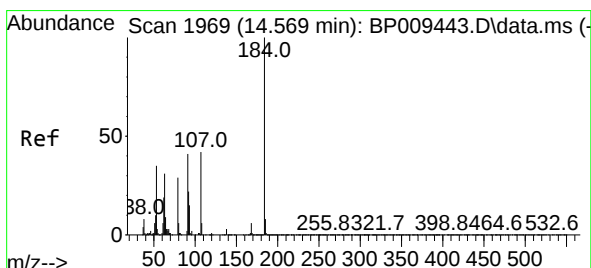
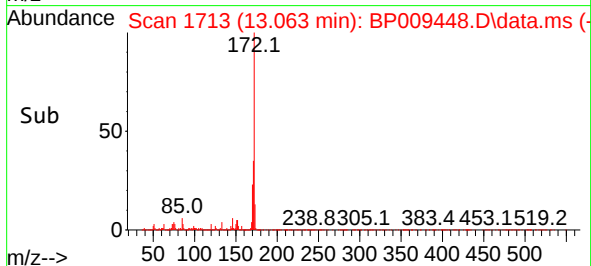
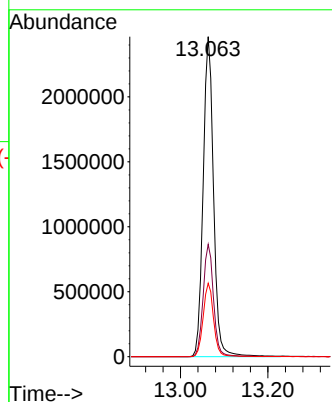
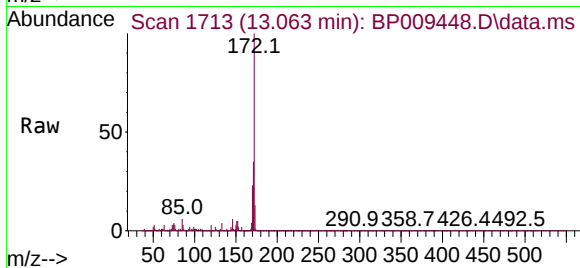




#45
2-Fluorobiphenyl
Concen: 91.402 ng
RT: 13.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP009448.D
Acq: 17 Mar 2022 17:43

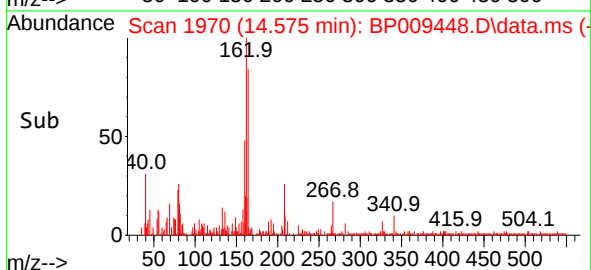
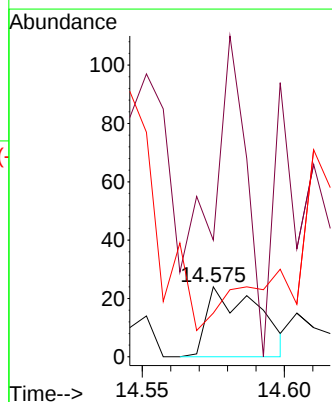
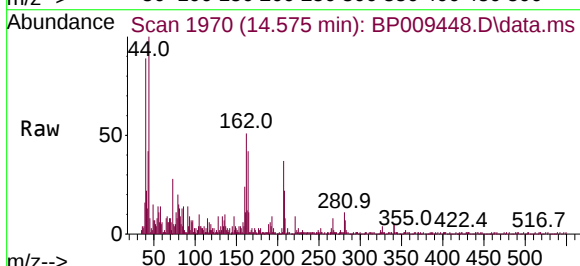
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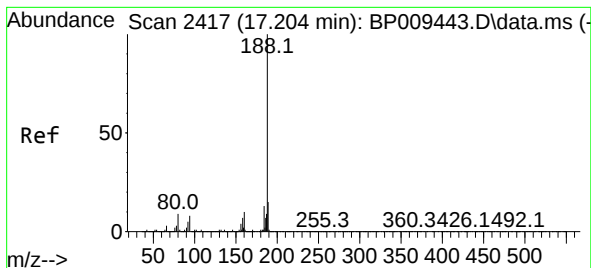
Tgt Ion:172 Resp: 4090674
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.0 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.537 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP009448.D
Acq: 17 Mar 2022 17:43

Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 166.7 46.3 69.5#
154 62.5 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: BP009448.D

Acq: 17 Mar 2022 17:43

Instrument :

BNA_P

ClientSampleId :

PB143199BL

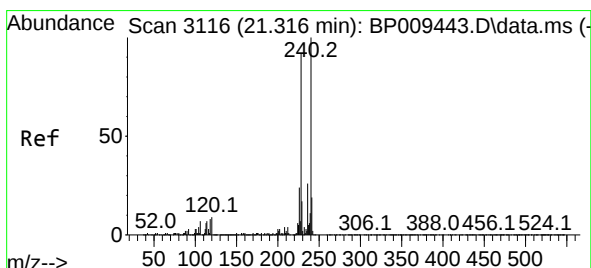
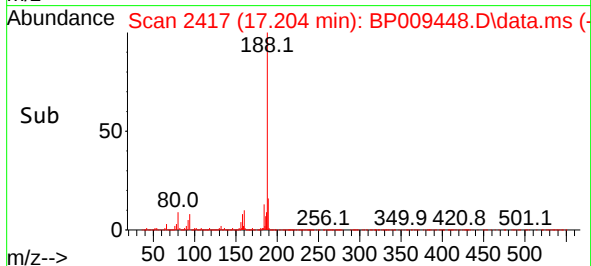
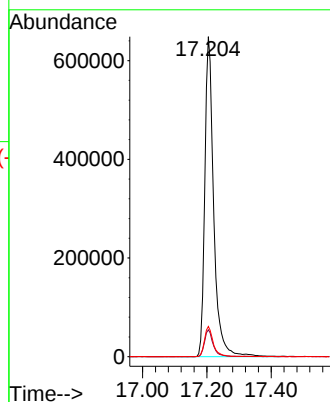
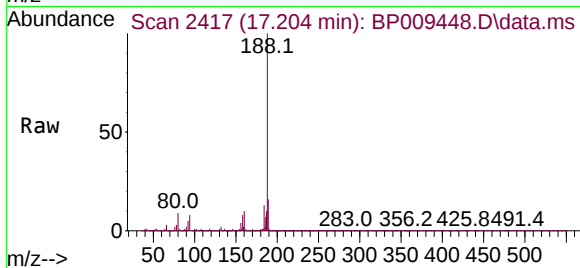
Tgt Ion:188 Resp: 1248189

Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

80 9.4 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: BP009448.D

Acq: 17 Mar 2022 17:43

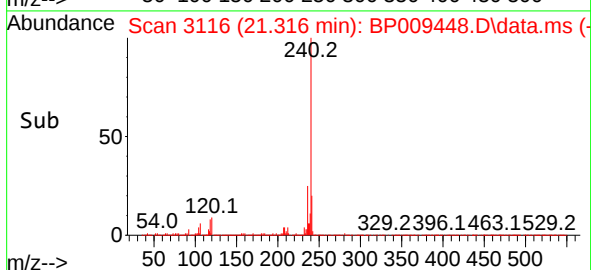
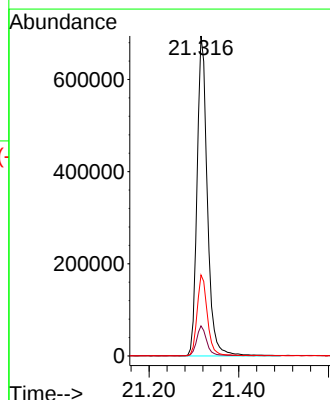
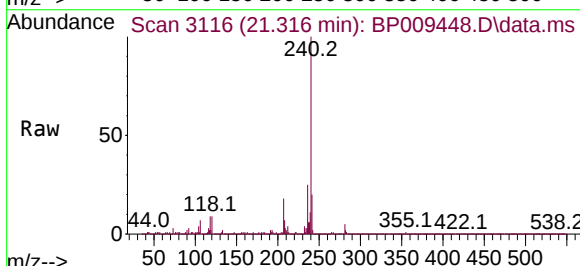
Tgt Ion:240 Resp: 1103274

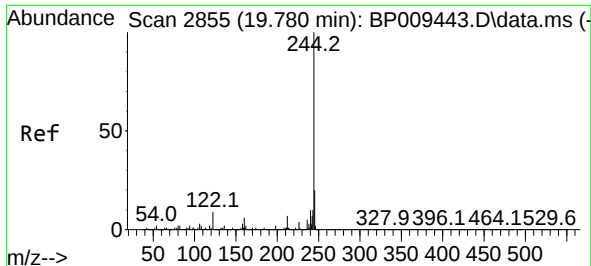
Ion Ratio Lower Upper

240 100

120 9.4 9.0 13.4

236 25.3 20.6 30.8

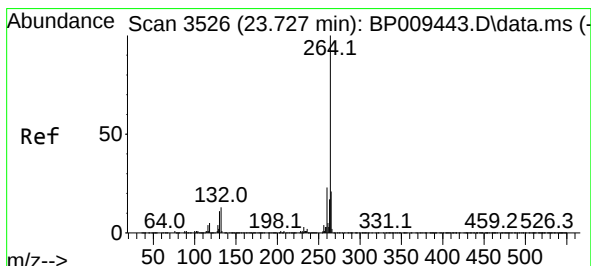
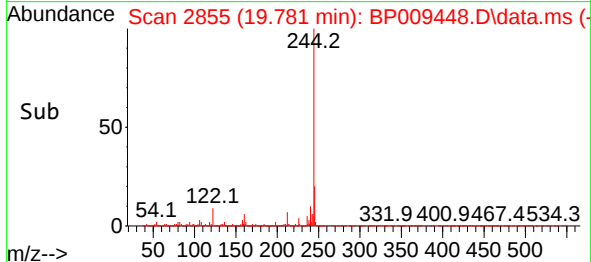
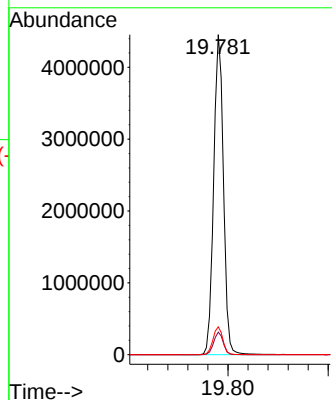
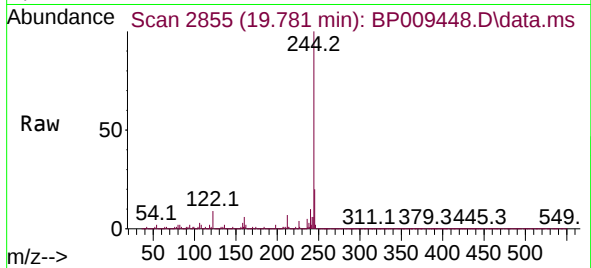




#79
 Terphenyl-d14
 Concen: 97.803 ng
 RT: 19.781 min Scan# 2855
 Delta R.T. 0.000 min
 Lab File: BP009448.D
 Acq: 17 Mar 2022 17:43

Instrument :
 BNA_P
 ClientSampleId :
 PB143199BL

Tgt Ion:244 Resp: 6011702
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 8.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3526
 Delta R.T. 0.000 min
 Lab File: BP009448.D
 Acq: 17 Mar 2022 17:43

Tgt Ion:264 Resp: 1066624
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 22.9 17.2 25.8

