

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009684.D
 Acq On : 04 Apr 2022 18:07
 Operator : CG/JU
 Sample : N2240-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11948

Quant Time: Apr 04 23:26:44 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 31 04:36:51 2022
 Response via : Initial Calibration

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

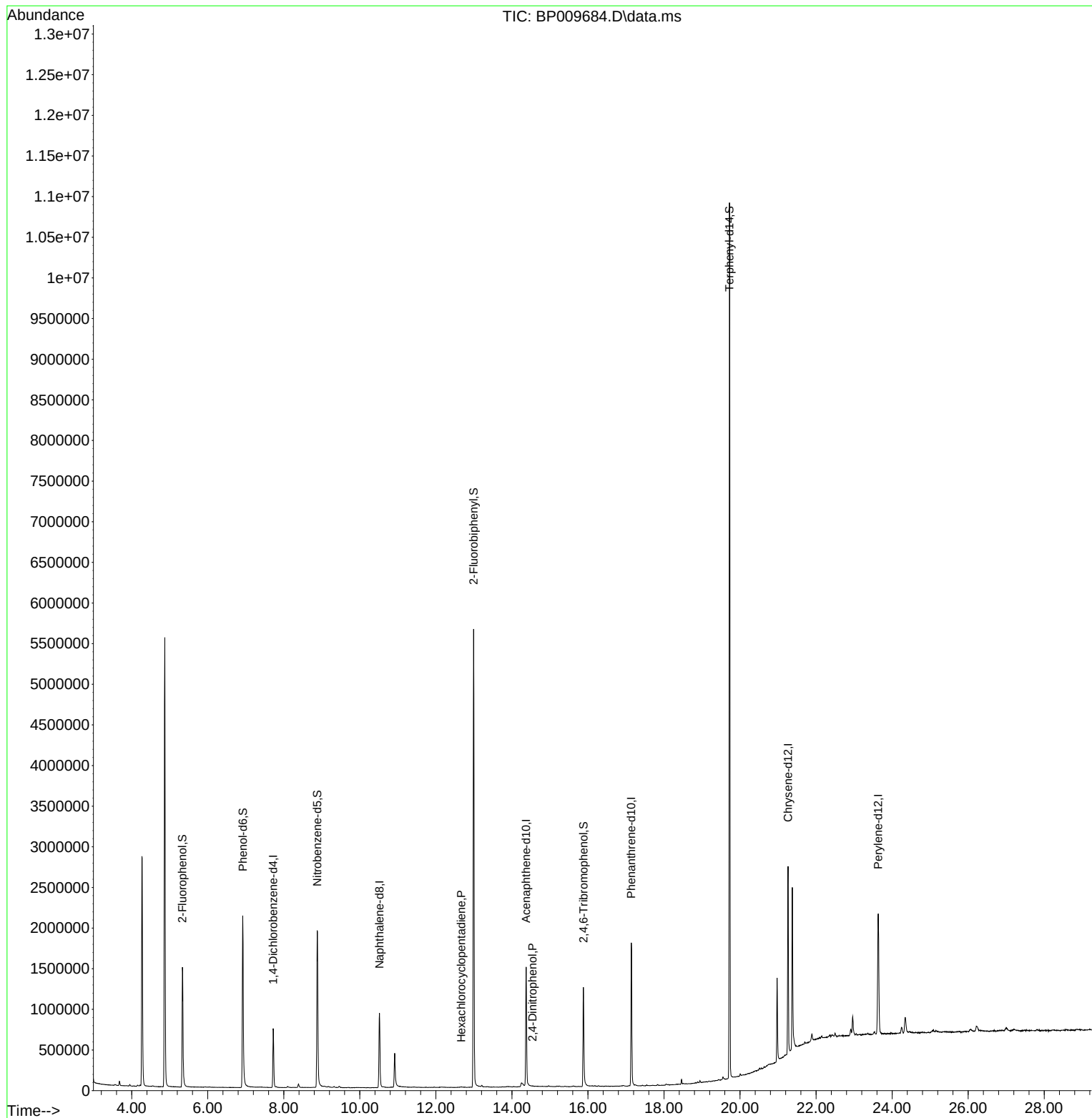
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	226316	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	895221	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	564312	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1203514	20.000	ng	-0.02
76) Chrysene-d12	21.263	240	1237754	20.000	ng	-0.01
86) Perylene-d12	23.633	264	1298299	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	802584	61.916	ng	-0.01
7) Phenol-d6	6.922	99	1527603	87.143	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1373436	81.527	ng	-0.02
42) 2,4,6-Tribromophenol	15.881	330	292187	31.377	ng	-0.01
45) 2-Fluorobiphenyl	12.992	172	3154108	77.484	ng	-0.02
79) Terphenyl-d14	19.721	244	5482893	79.508	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.846	77	204	Below Cal	#	44
41) Hexachlorocyclopentadiene	12.669	237	21	7.291 ng		97
54) 2,4-Dinitrophenol	14.539	184	95	4.549 ng	#	1

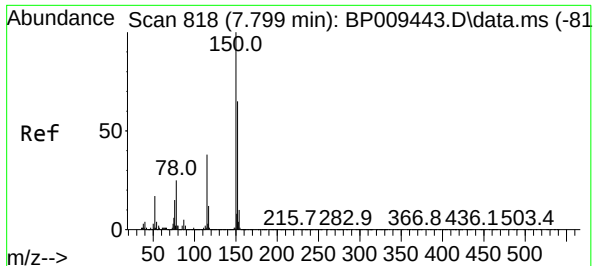
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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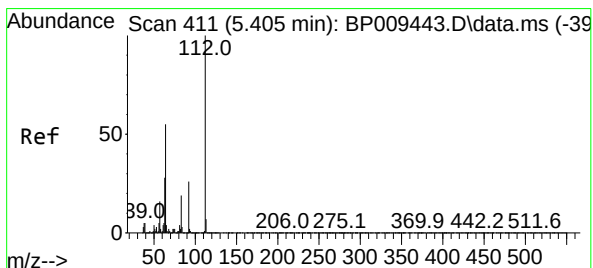
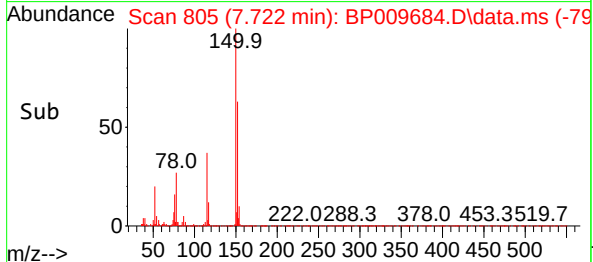
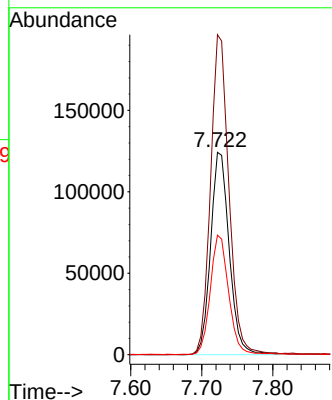
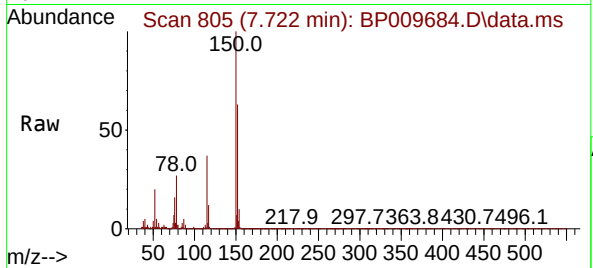




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

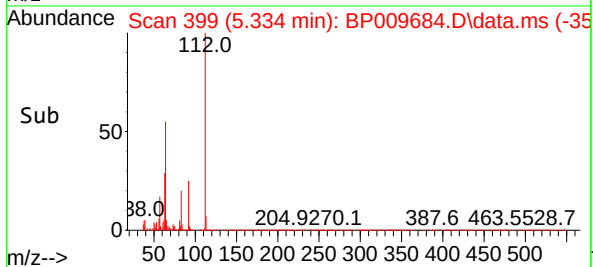
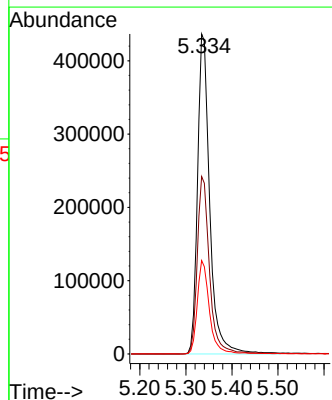
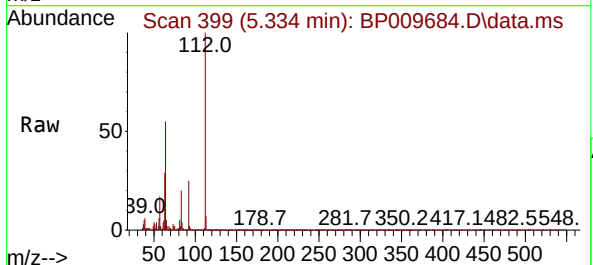
Instrument :
BNA_P
ClientSampleId :
72-11948

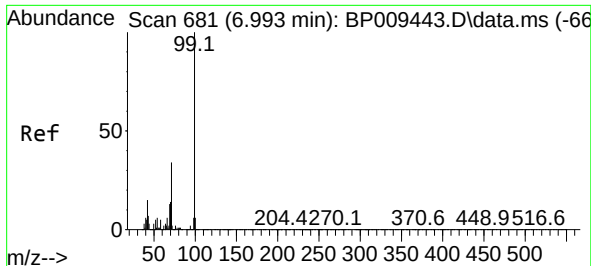
Tgt Ion:152 Resp: 226316
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 59.1 48.2 72.4



#5
2-Fluorophenol
Concen: 61.916 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

Tgt Ion:112 Resp: 802584
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 29.2 23.0 34.6

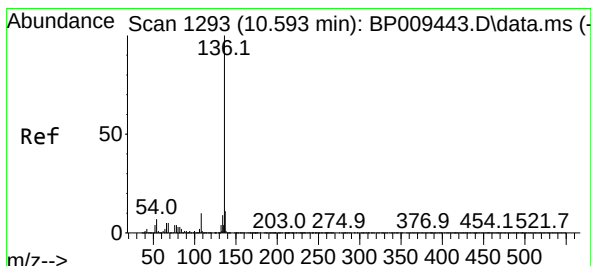
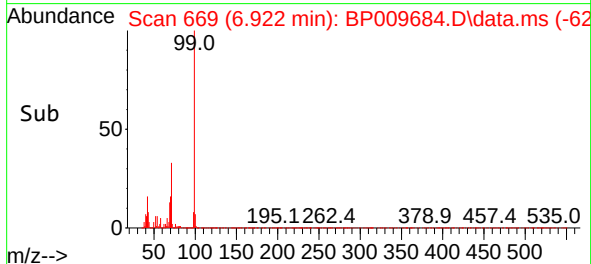
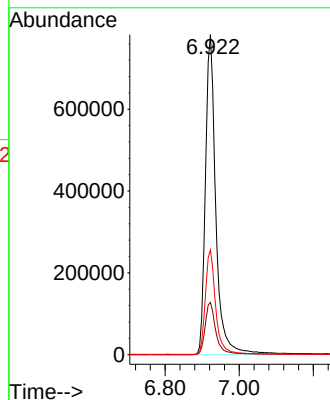
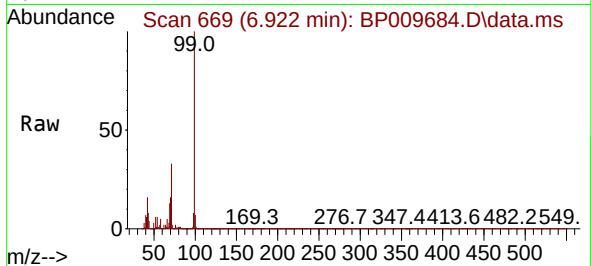




#7
Phenol-d6
Concen: 87.143 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

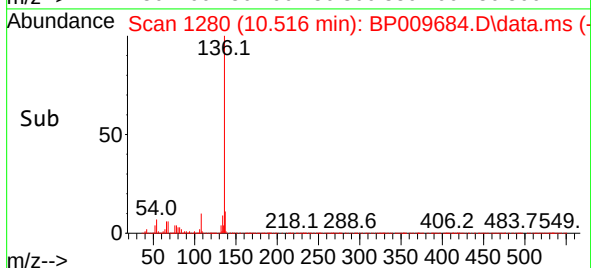
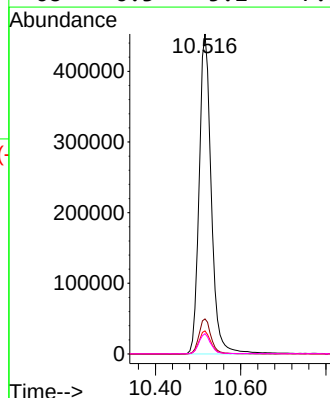
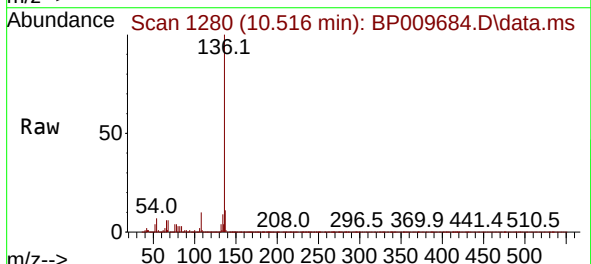
Instrument :
BNA_P
ClientSampleId :
72-11948

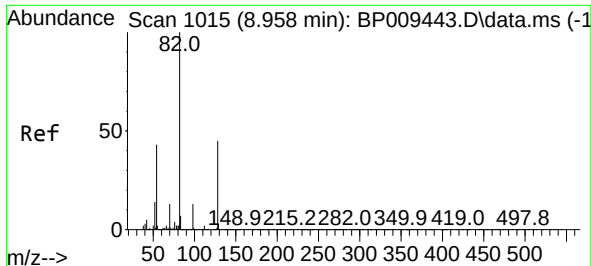
Tgt Ion: 99 Resp: 1527603
Ion Ratio Lower Upper
99 100
42 16.4 12.8 19.2
71 32.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

Tgt Ion: 136 Resp: 895221
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 5.8 8.8
68 6.3 5.2 7.8

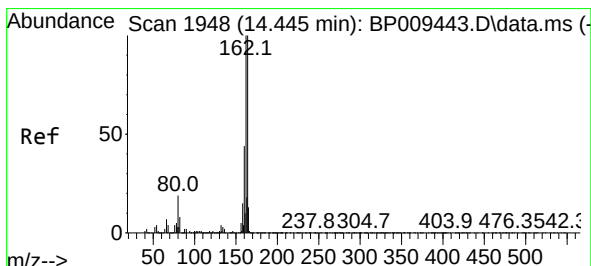
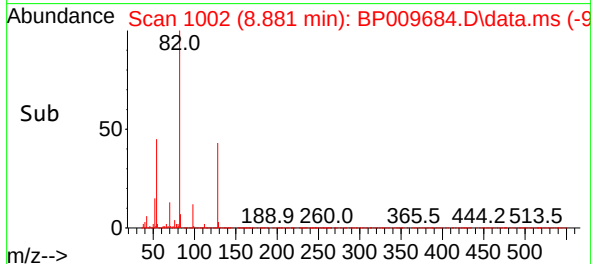
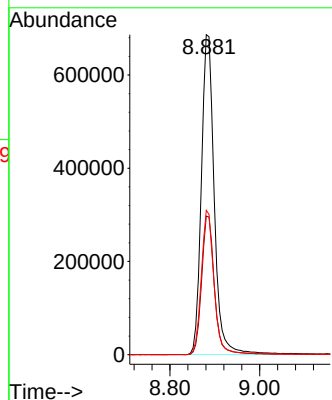
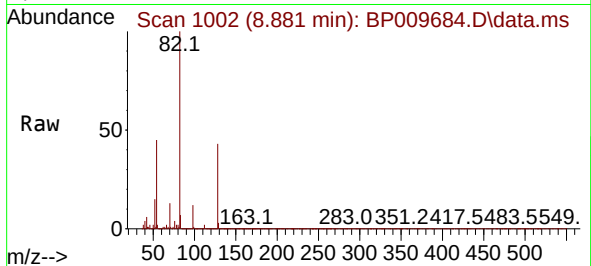




#23
Nitrobenzene-d5
Concen: 81.527 ng
RT: 8.881 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

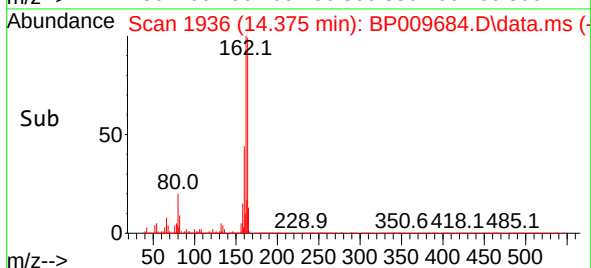
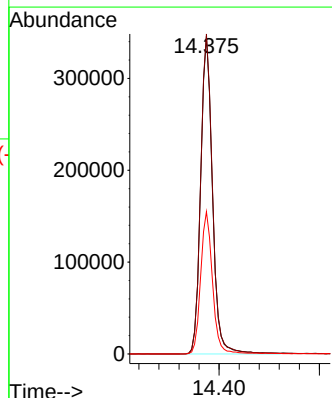
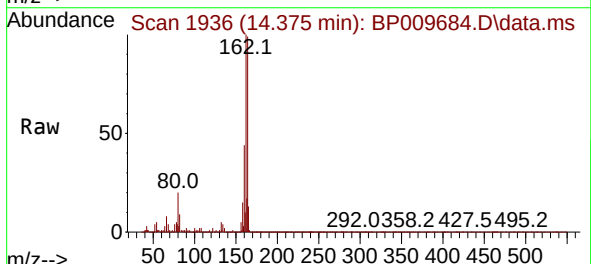
Instrument :
BNA_P
ClientSampleId :
72-11948

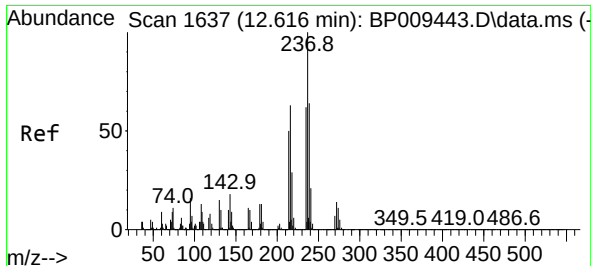
Tgt Ion: 82 Resp: 1373436
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 45.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

Tgt Ion:164 Resp: 564312
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 44.8 34.9 52.3

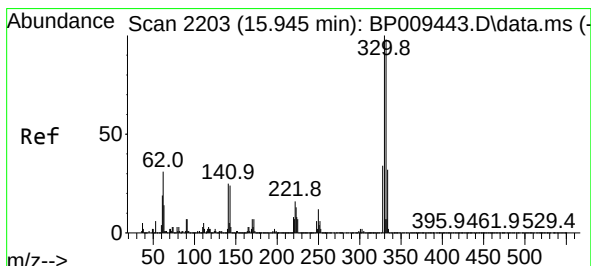
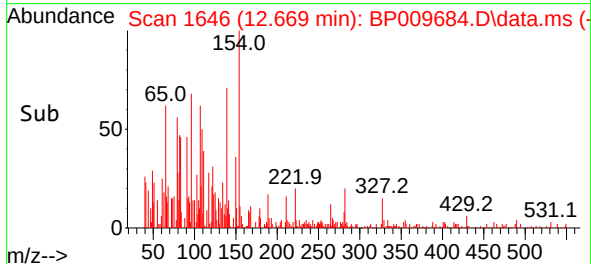
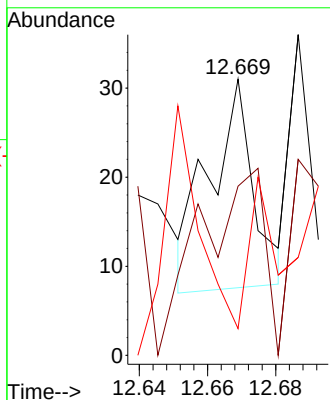
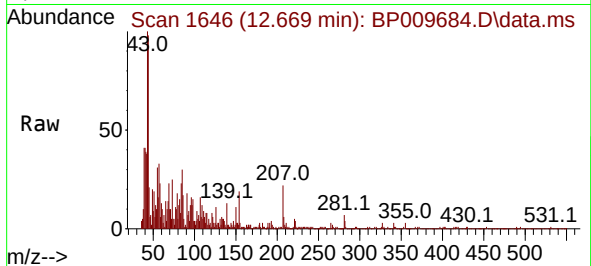




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.669 min Scan# 1
Delta R.T. 0.112 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

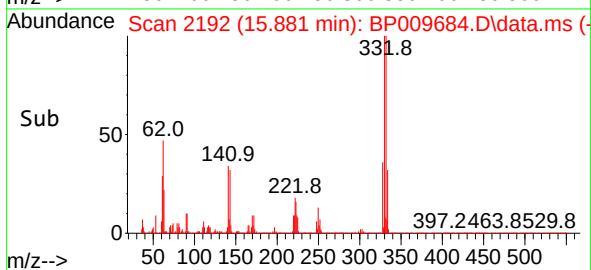
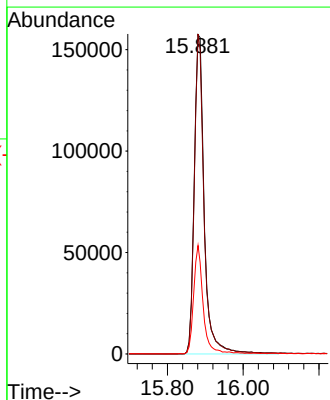
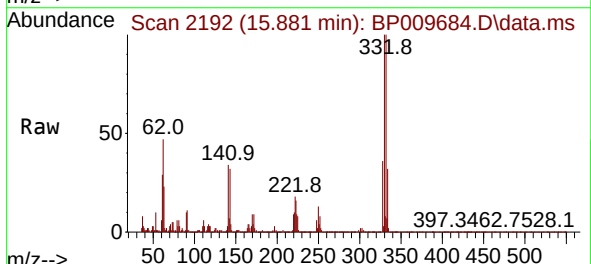
Instrument :
BNA_P
ClientSampleId :
72-11948

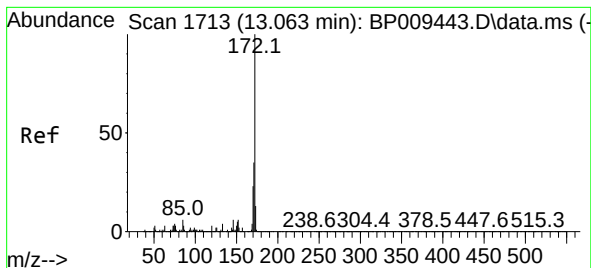
Tgt Ion:	237	Resp:	21
Ion Ratio	Lower	Upper	
237	100		
235	61.3	42.6	82.6
272	9.7	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 31.377 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

Tgt Ion:	330	Resp:	292187
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	32.2	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 77.484 ng

RT: 12.992 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP009684.D

Acq: 04 Apr 2022 18:07

Instrument :

BNA_P

ClientSampleId :

72-11948

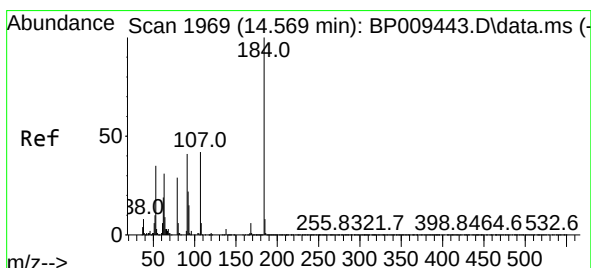
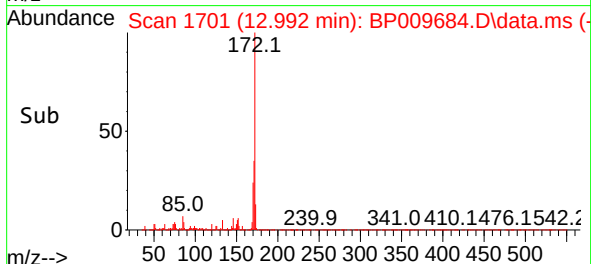
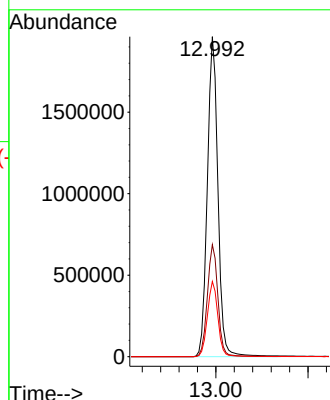
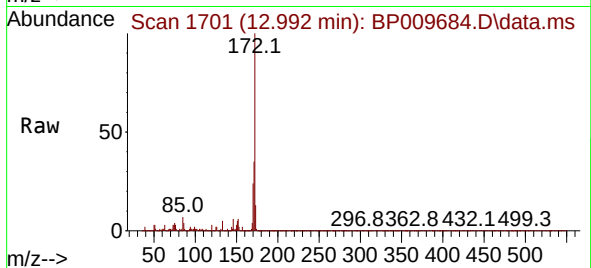
Tgt Ion:172 Resp: 3154108

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.5 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.549 ng

RT: 14.539 min Scan# 1964

Delta R.T. 0.012 min

Lab File: BP009684.D

Acq: 04 Apr 2022 18:07

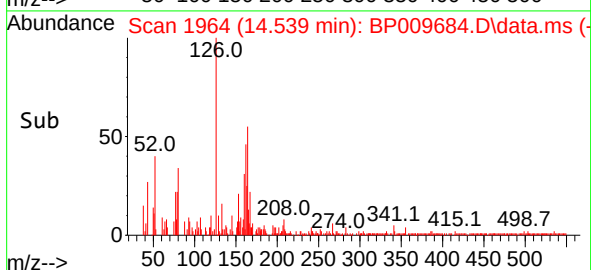
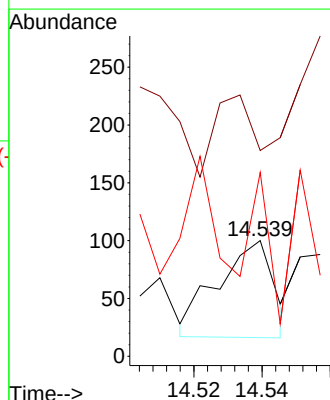
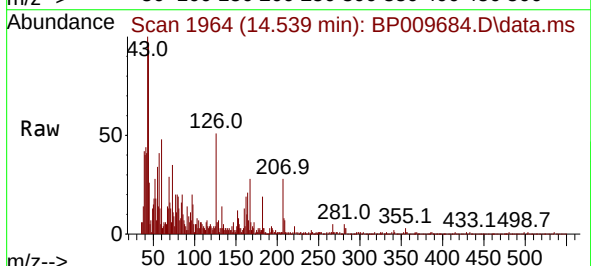
Tgt Ion:184 Resp: 95

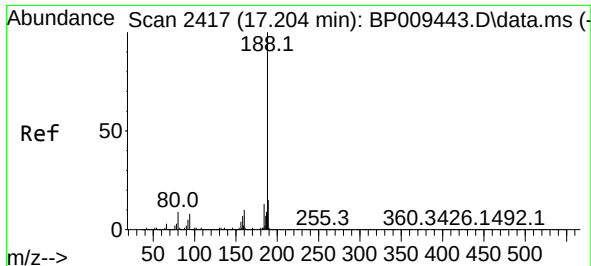
Ion Ratio Lower Upper

184 100

63 178.0 46.3 69.5#

154 253.0 45.8 68.6#

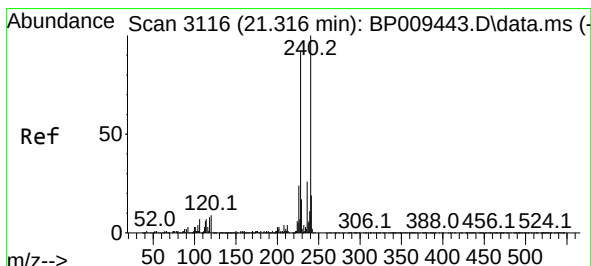
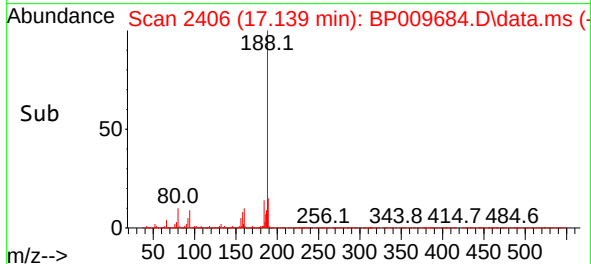
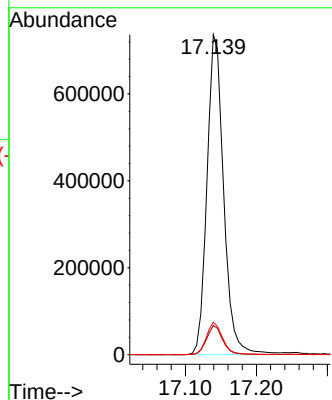
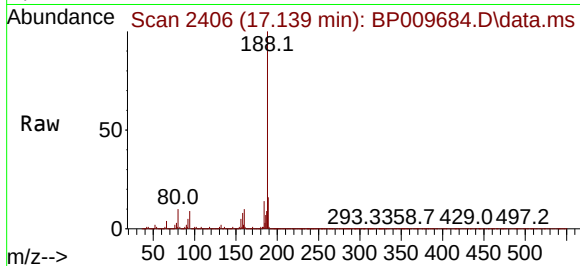




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

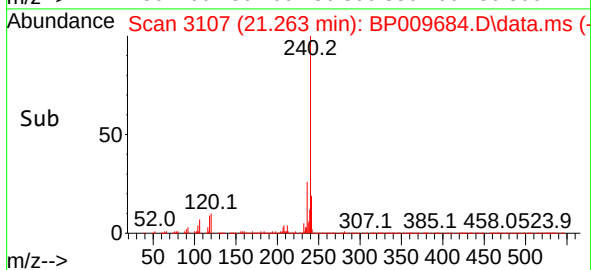
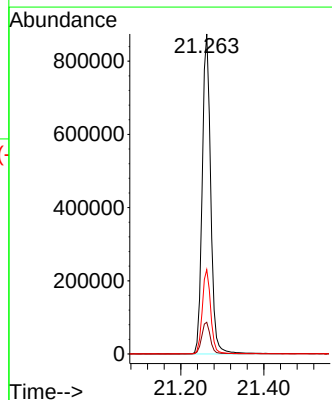
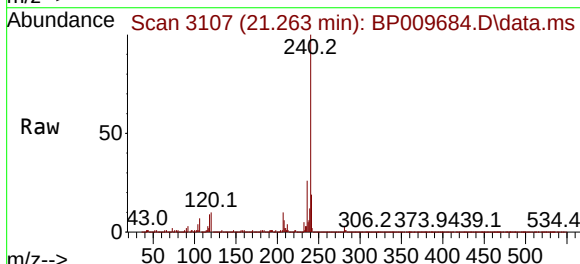
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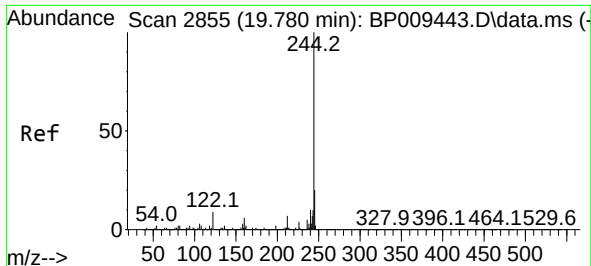
Tgt Ion:188 Resp: 1203514
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009684.D
Acq: 04 Apr 2022 18:07

Tgt Ion:240 Resp: 1237754
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.4
236 26.4 20.6 30.8

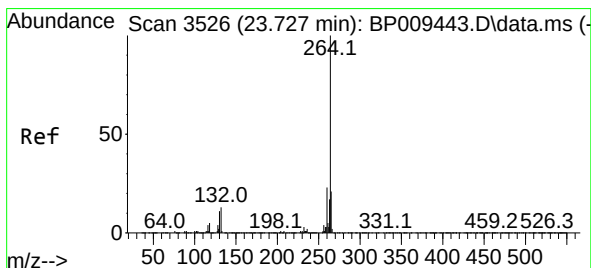
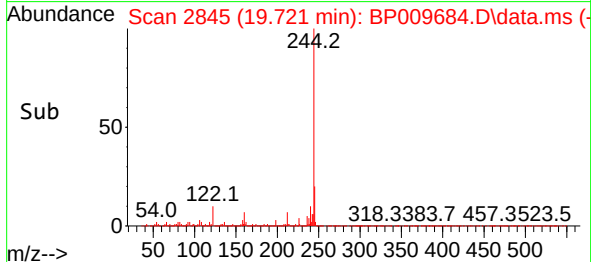
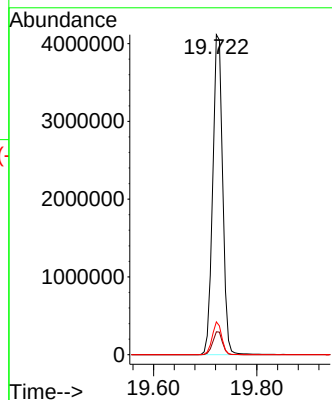
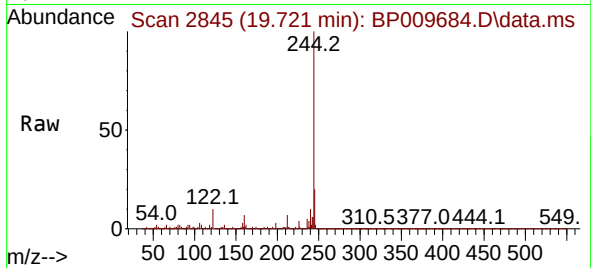




#79
 Terphenyl-d14
 Concen: 79.508 ng
 RT: 19.721 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP009684.D
 Acq: 04 Apr 2022 18:07

Instrument :
 BNA_P
 ClientSampleId :
 72-11948

Tgt Ion:244 Resp: 5482893
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 3510
 Delta R.T. -0.018 min
 Lab File: BP009684.D
 Acq: 04 Apr 2022 18:07

Tgt Ion:264 Resp: 1298299
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 22.2 17.2 25.8

