

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009565.D
 Acq On : 28 Mar 2022 14:05
 Operator : CG/JU
 Sample : N2117-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20220324

Quant Time: Mar 29 03:11:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

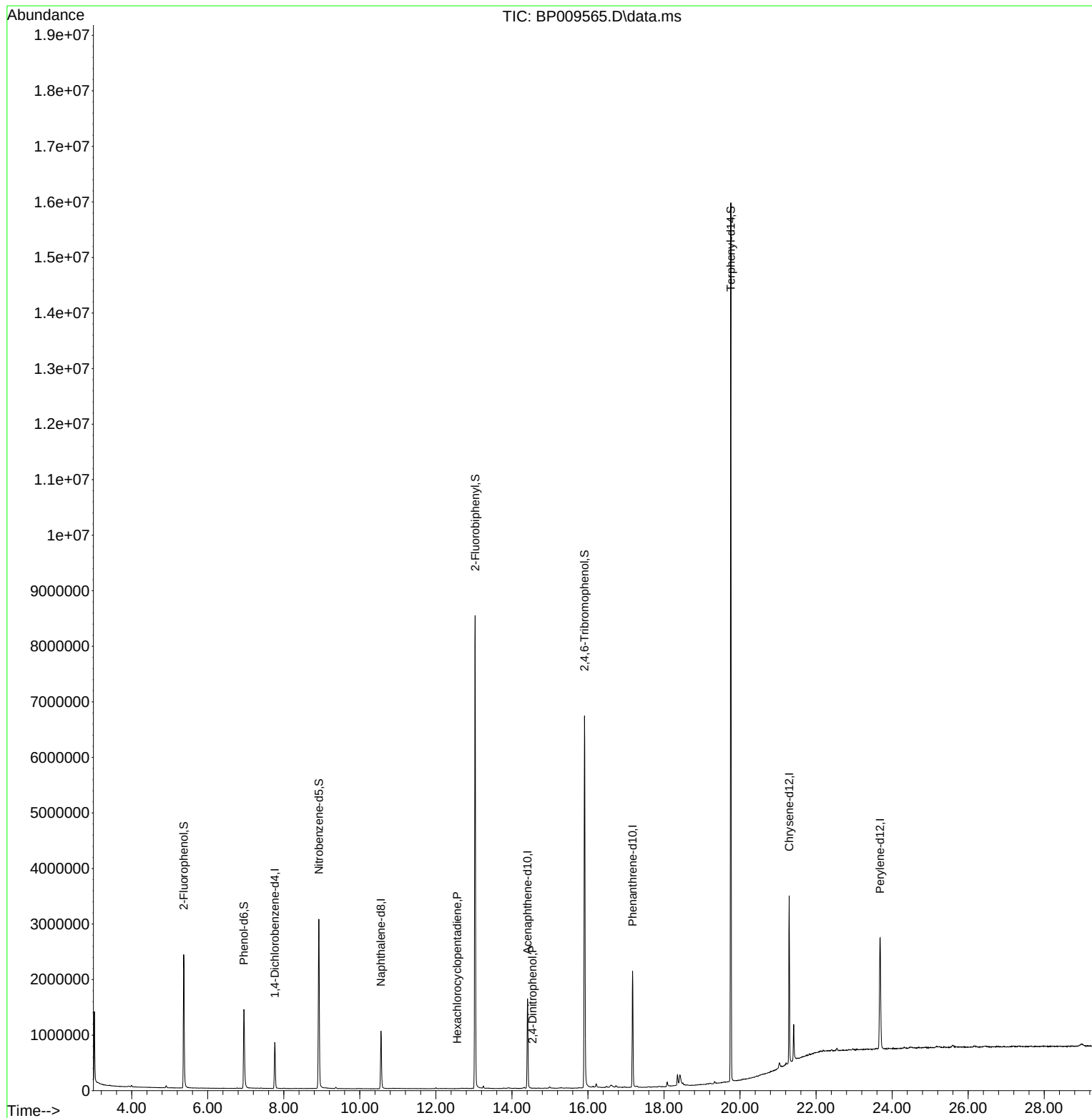
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	256501	20.000	ng	-0.01
21) Naphthalene-d8	10.557	136	1000739	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	638126	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1385951	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1523855	20.000	ng	0.00
86) Perylene-d12	23.686	264	1665589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1235008	84.064	ng	0.00
7) Phenol-d6	6.952	99	1066426	53.676	ng	-0.01
23) Nitrobenzene-d5	8.922	82	2010504	106.760	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1558214	147.976	ng	-0.01
45) 2-Fluorobiphenyl	13.034	172	4829298	104.914	ng	0.00
79) Terphenyl-d14	19.757	244	8066825	95.016	ng	0.00
Target Compounds						
9) Benzaldehyde	6.899	77	178	Below Cal	#	36
41) Hexachlorocyclopentadiene	12.563	237	23	7.291	ng	87
54) 2,4-Dinitrophenol	14.539	184	19	4.535	ng	# 1

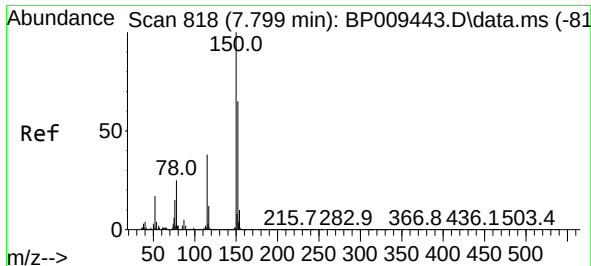
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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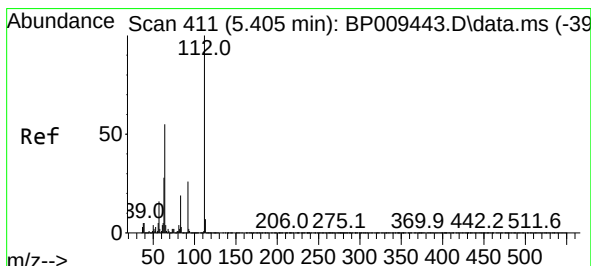
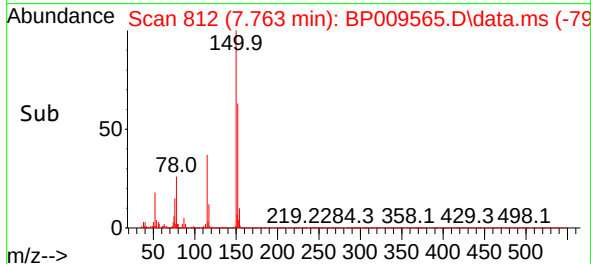
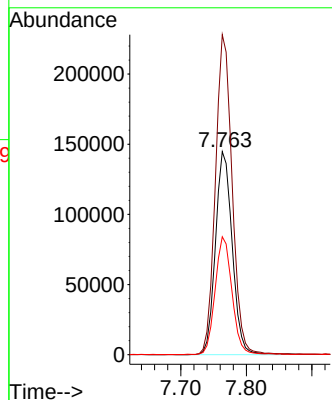
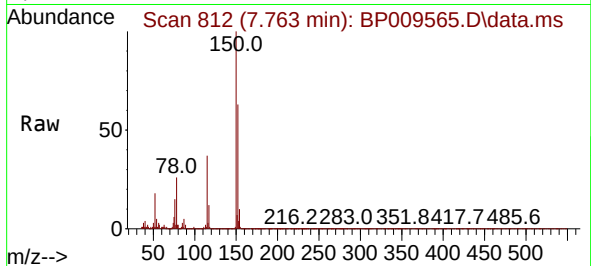




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

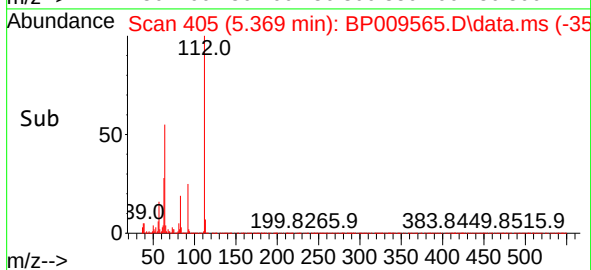
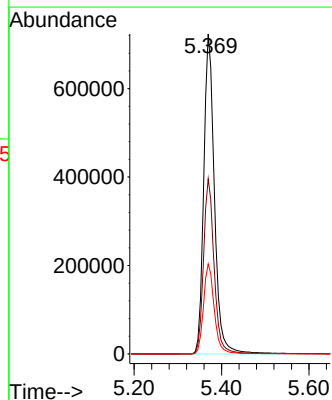
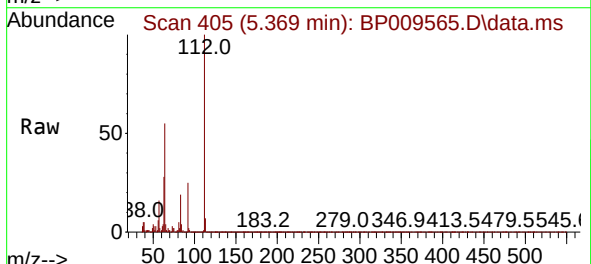
Instrument :
BNA_P
ClientSampleId :
SP-303-20220324

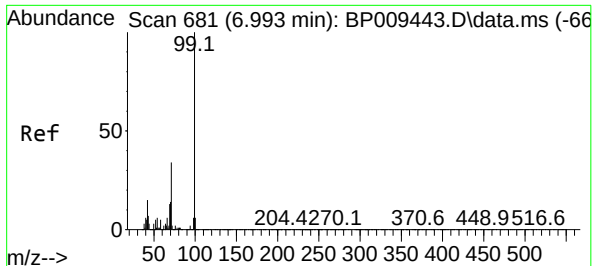
Tgt Ion:152 Resp: 256501
Ion Ratio Lower Upper
152 100
150 157.6 124.5 186.7
115 58.1 48.2 72.4



#5
2-Fluorophenol
Concen: 84.064 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

Tgt Ion:112 Resp: 1235008
Ion Ratio Lower Upper
112 100
64 54.8 45.0 67.4
63 28.2 23.0 34.6

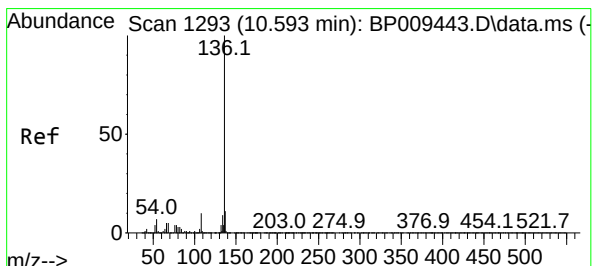
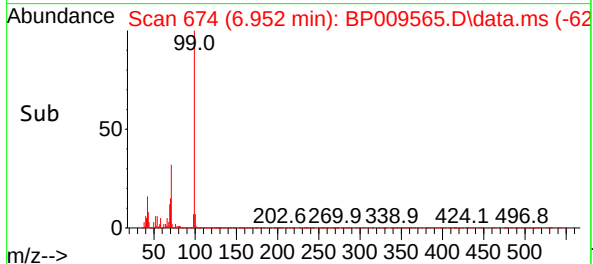
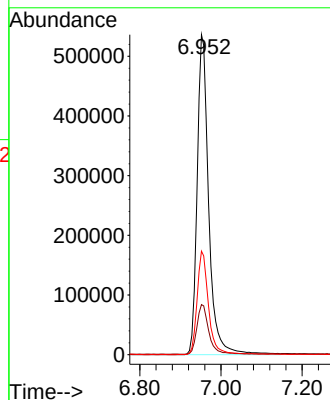
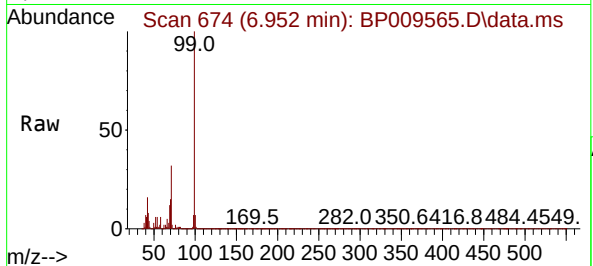




#7
Phenol-d6
Concen: 53.676 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

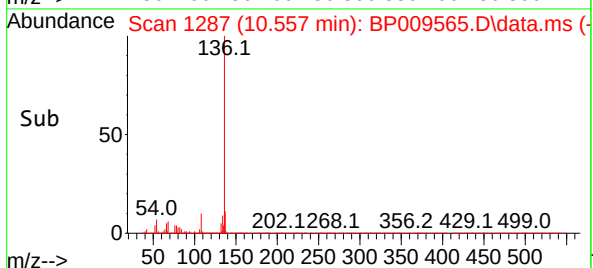
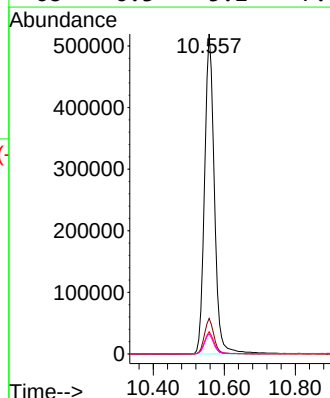
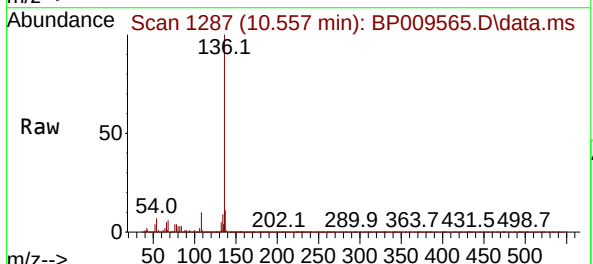
Instrument :
BNA_P
ClientSampleId :
SP-303-20220324

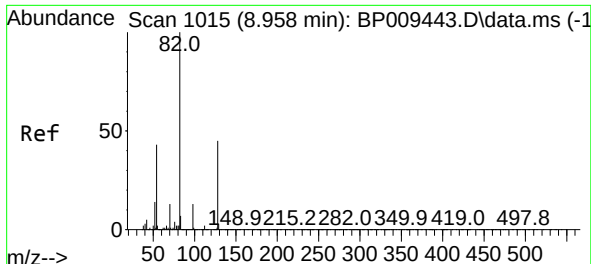
Tgt Ion: 99 Resp: 1066426
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

Tgt Ion: 136 Resp: 1000739
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.9 5.8 8.8
68 6.3 5.2 7.8

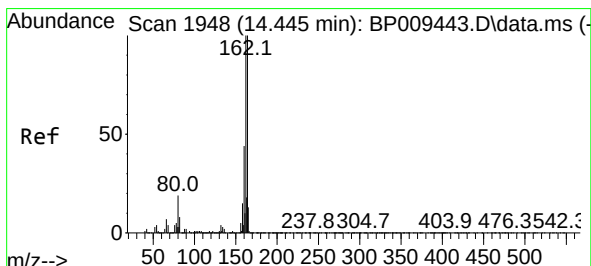
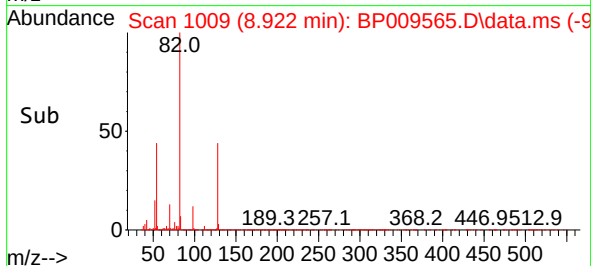
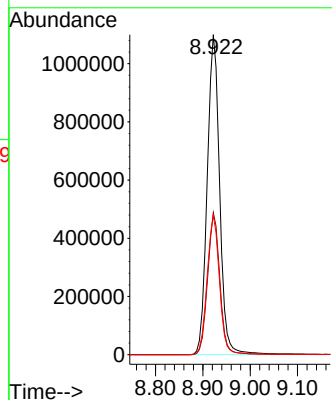
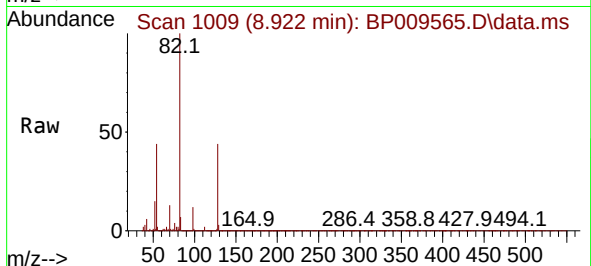




#23
Nitrobenzene-d5
Concen: 106.760 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

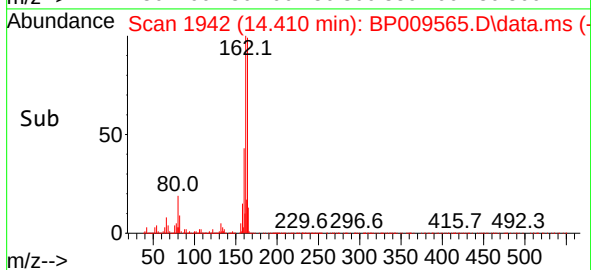
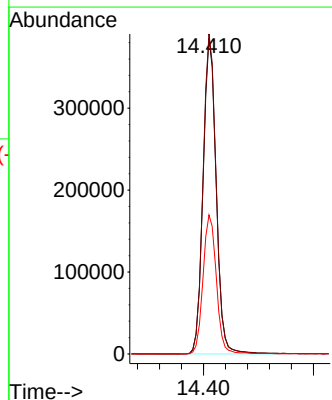
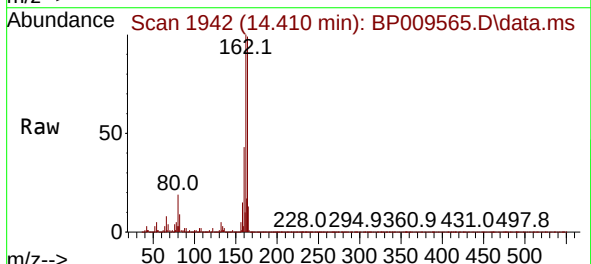
Instrument :
BNA_P
ClientSampleId :
SP-303-20220324

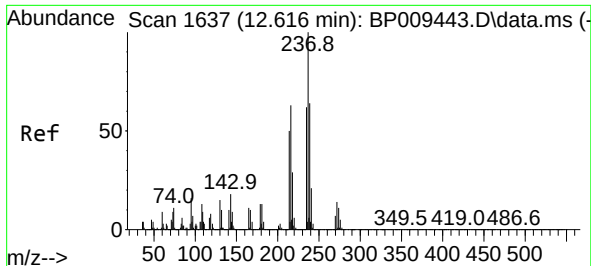
Tgt Ion: 82 Resp: 2010504
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 43.6 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

Tgt Ion: 164 Resp: 638126
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 44.0 34.9 52.3

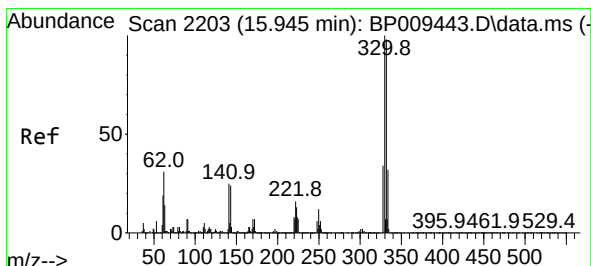
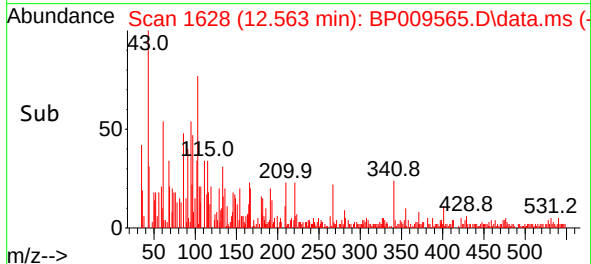
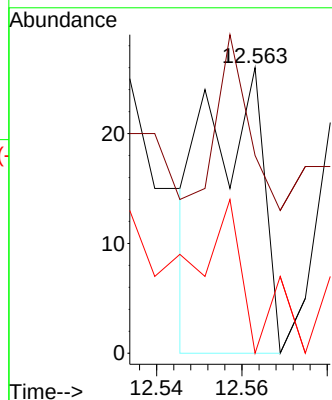
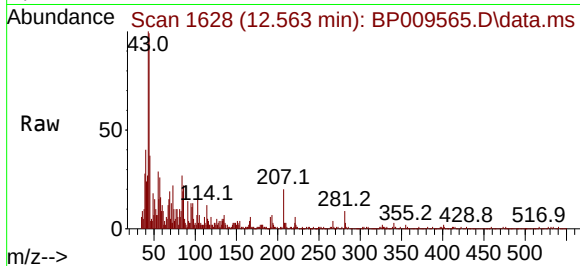




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

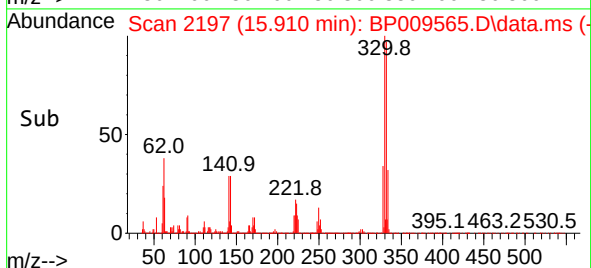
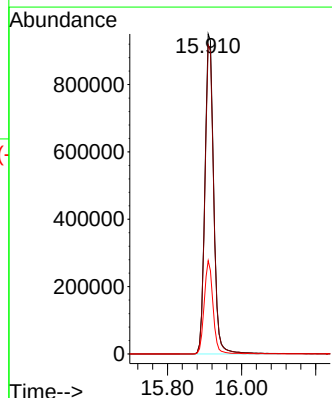
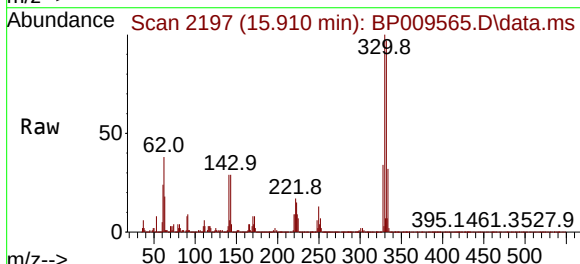
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ClientSampleId :
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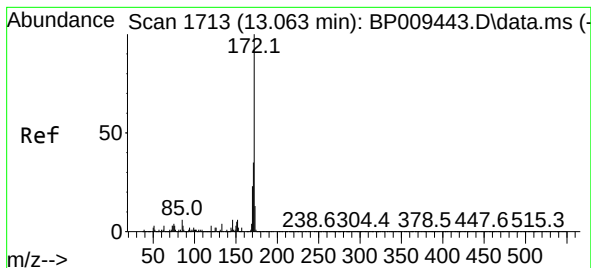
Tgt Ion:	237	Resp:	23
Ion Ratio	Lower	Upper	
237	100		
235	69.2	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 147.976 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

Tgt Ion:	330	Resp:	1558214
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	29.2	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 104.914 ng

RT: 13.034 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009565.D

Acq: 28 Mar 2022 14:05

Instrument :

BNA_P

ClientSampleId :

SP-303-20220324

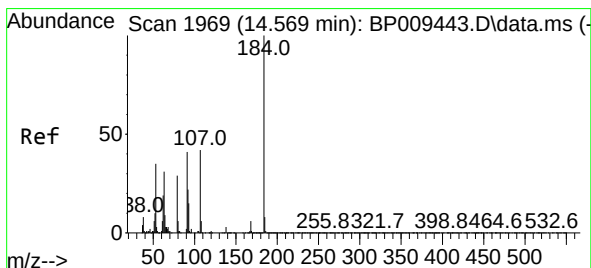
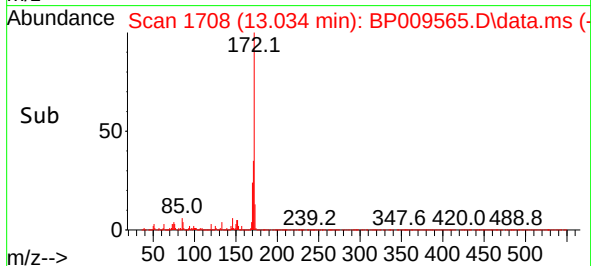
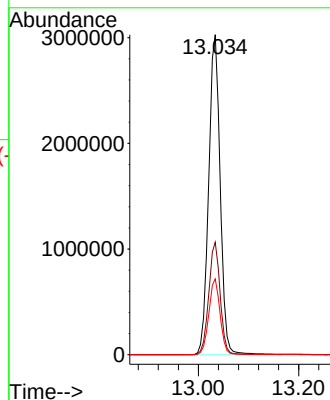
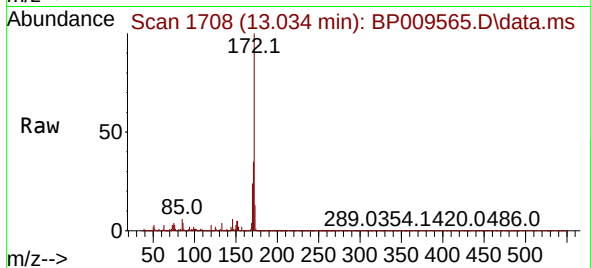
Tgt Ion:172 Resp: 4829298

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.7 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.535 ng

RT: 14.539 min Scan# 1964

Delta R.T. -0.012 min

Lab File: BP009565.D

Acq: 28 Mar 2022 14:05

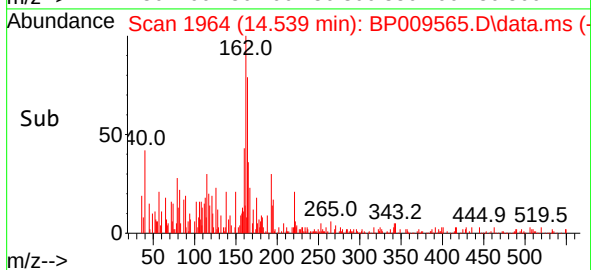
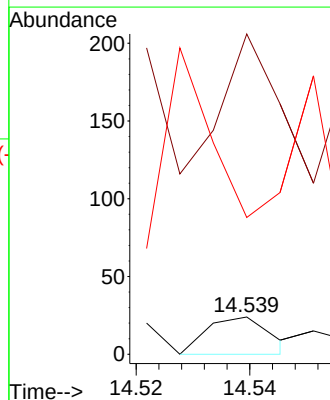
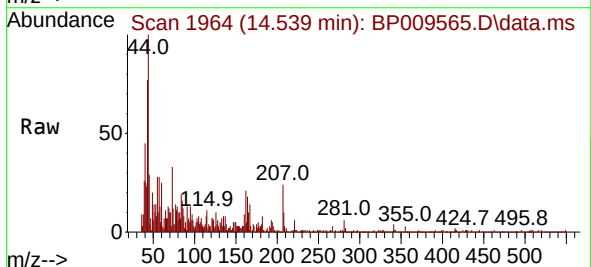
Tgt Ion:184 Resp: 19

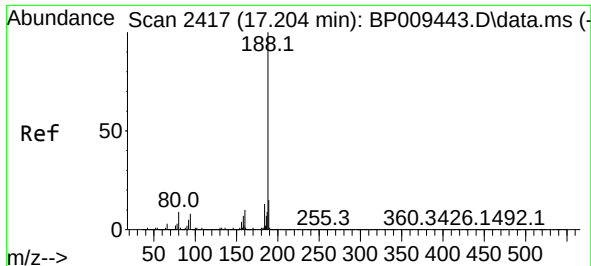
Ion Ratio Lower Upper

184 100

63 858.3 46.3 69.5#

154 366.7 45.8 68.6#

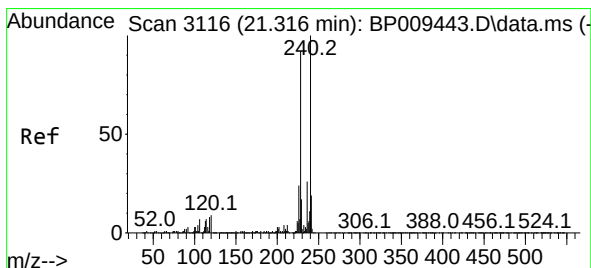
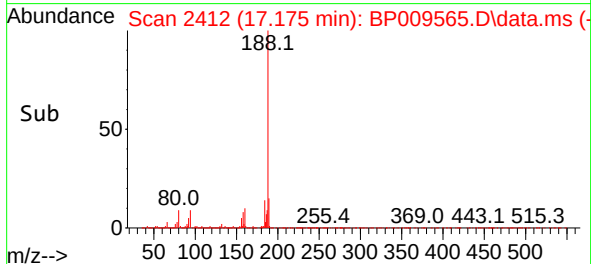
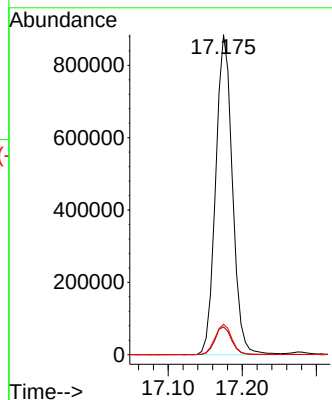
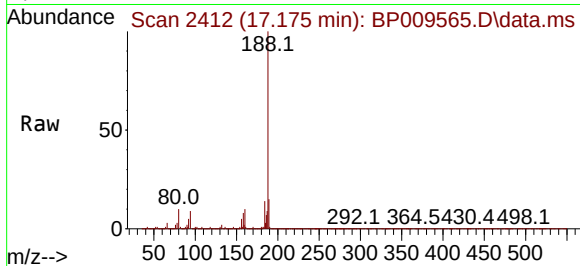




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

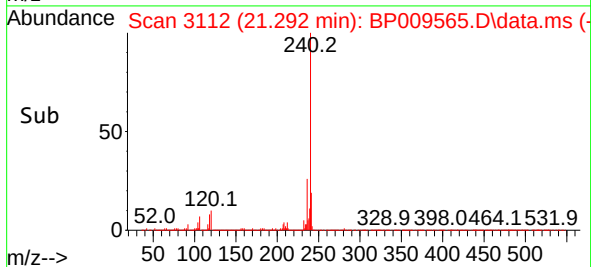
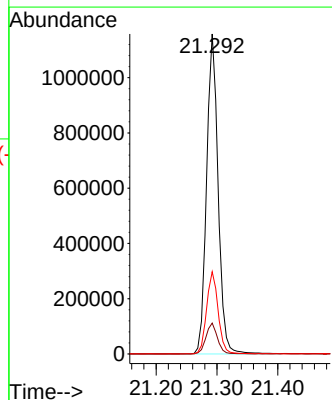
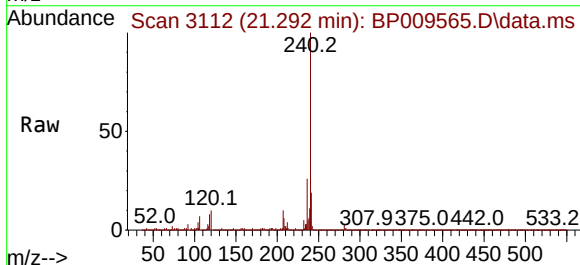
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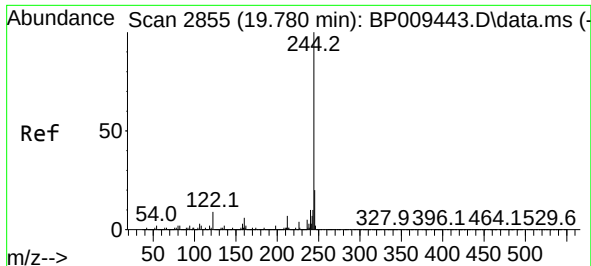
Tgt Ion:188 Resp: 1385951
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.5 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009565.D
Acq: 28 Mar 2022 14:05

Tgt Ion:240 Resp: 1523855
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.7 20.6 30.8

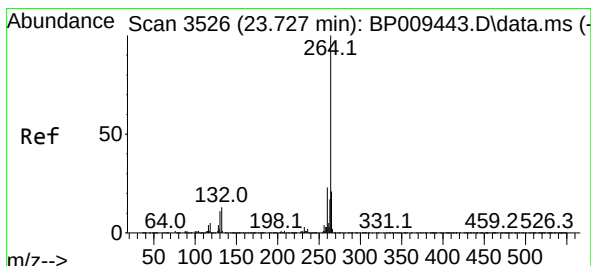
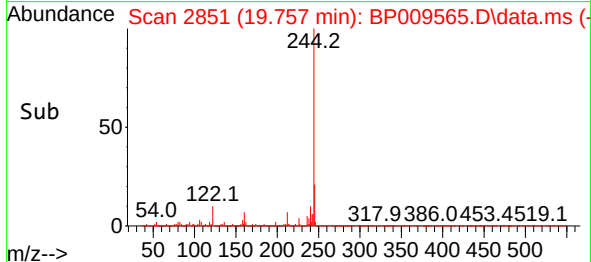
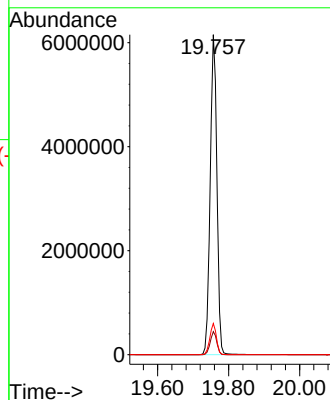
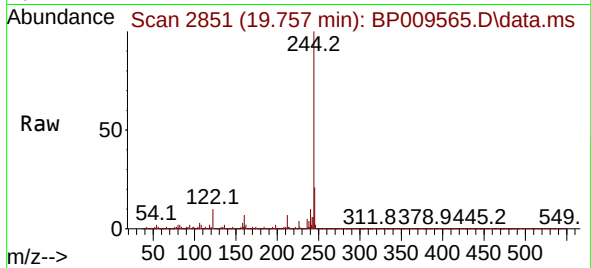




#79
 Terphenyl-d14
 Concen: 95.016 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009565.D
 Acq: 28 Mar 2022 14:05

Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20220324

Tgt Ion:244 Resp: 8066825
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.686 min Scan# 3519
 Delta R.T. -0.006 min
 Lab File: BP009565.D
 Acq: 28 Mar 2022 14:05

Tgt Ion:264 Resp: 1665589
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.1 17.2 25.8

