

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009074.D
 Acq On : 09 Feb 2022 13:02
 Operator : CG/JU
 Sample : N1421-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1

Quant Time: Feb 09 13:34:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

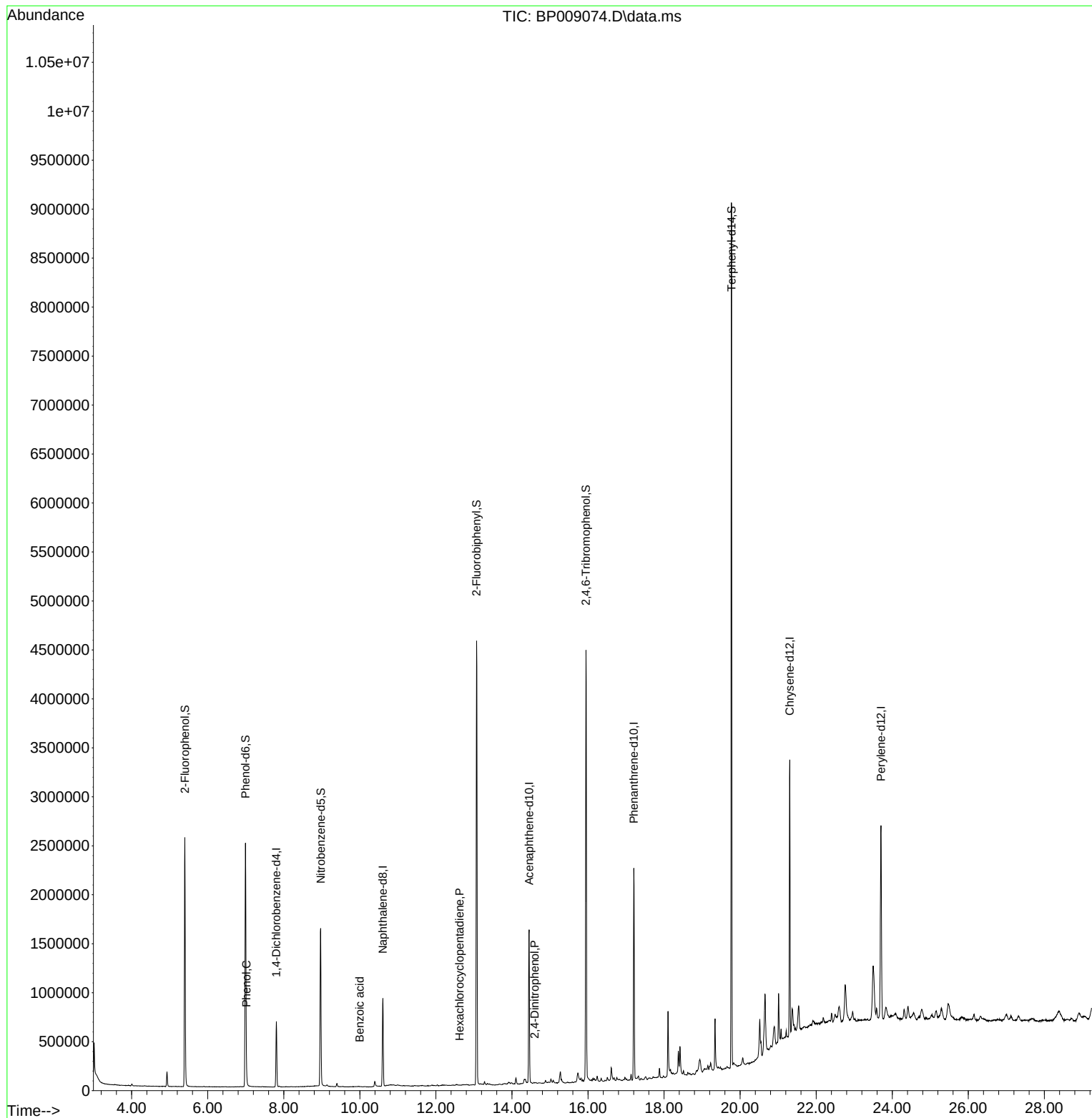
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	196230	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	794482	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	601831	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1367688	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1416513	20.000	ng	0.00
86) Perylene-d12	23.704	264	1505780	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1244306	113.112	ng	0.00
7) Phenol-d6	6.993	99	1589613	109.665	ng	0.00
23) Nitrobenzene-d5	8.969	82	986922	70.053	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	986094	122.717	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2597278	60.414	ng	0.00
79) Terphenyl-d14	19.775	244	4383113	55.646	ng	0.00
Target Compounds						
10) Phenol	7.016	94	29273	2.009	ng	# 59
32) Benzoic acid	9.993	122	114	2.704	ng	# 73
41) Hexachlorocyclopentadiene	12.622	237	11	8.657	ng	99
54) 2,4-Dinitrophenol	14.592	184	86	2.189	ng	# 1

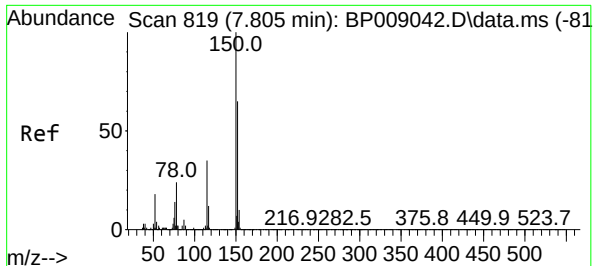
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

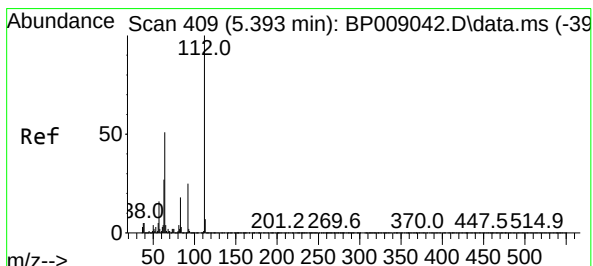
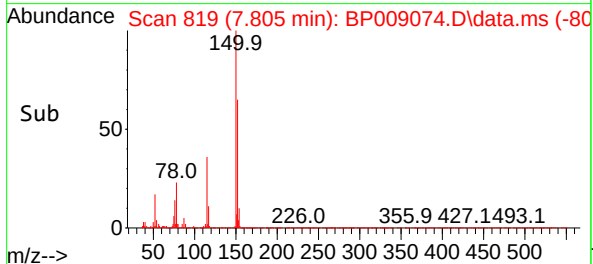
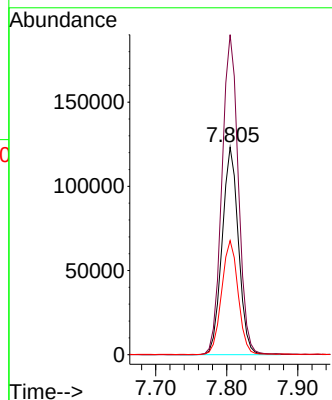
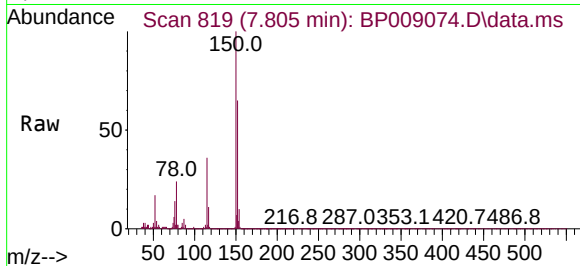




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP009074.D
 Acq: 09 Feb 2022 13:02

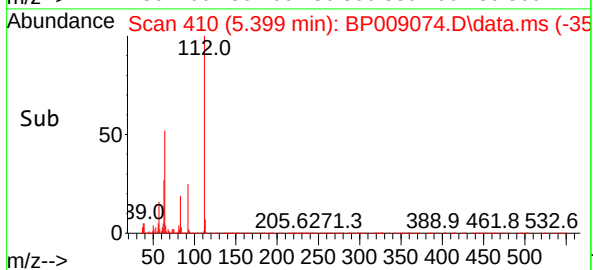
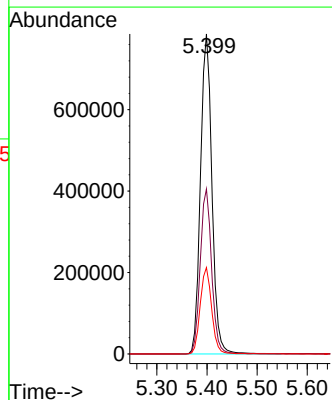
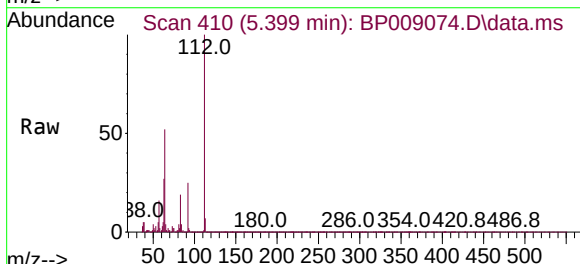
Instrument :
 BNA_P
 ClientSampleId :
 SB-1

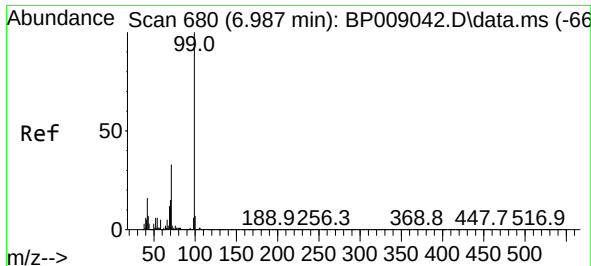
Tgt Ion:152 Resp: 196230
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.0 190.6
 115 55.0 43.7 65.5



#5
 2-Fluorophenol
 Concen: 113.112 ng
 RT: 5.399 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: BP009074.D
 Acq: 09 Feb 2022 13:02

Tgt Ion:112 Resp: 1244306
 Ion Ratio Lower Upper
 112 100
 64 51.6 39.7 59.5
 63 27.0 20.0 30.0

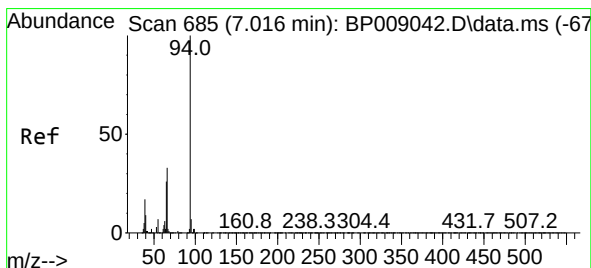
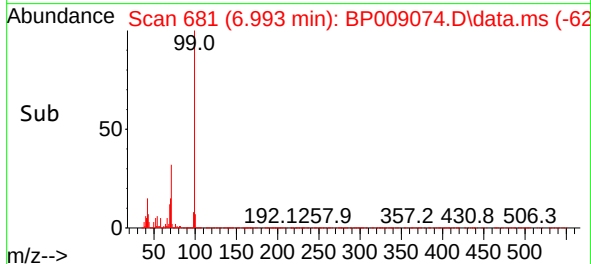
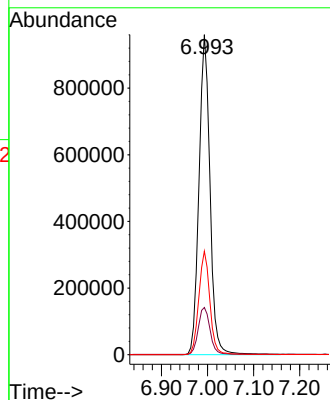
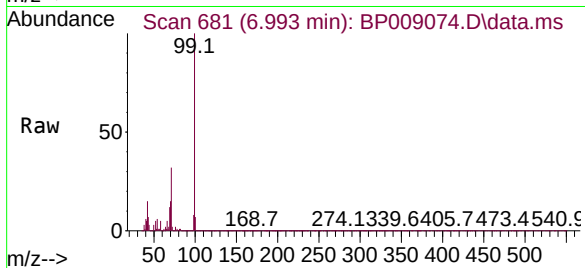




#7
Phenol-d6
Concen: 109.665 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

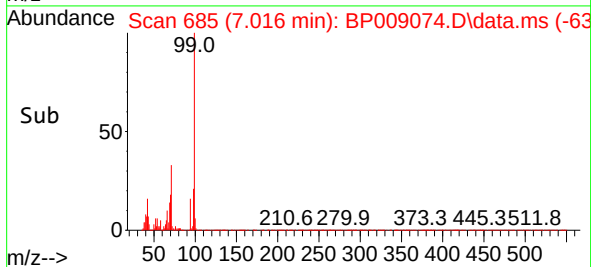
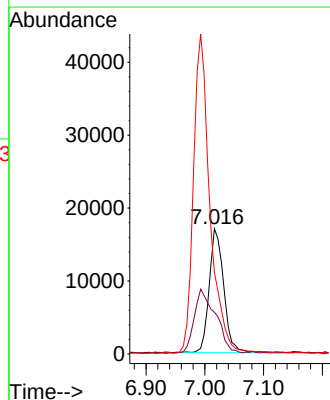
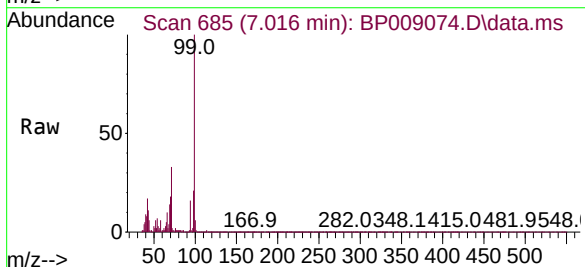
Instrument :
BNA_P
ClientSampleId :
SB-1

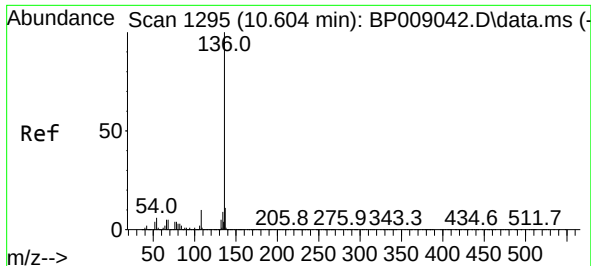
Tgt Ion: 99 Resp: 1589613
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 32.4 23.8 35.6



#10
Phenol
Concen: 2.009 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

Tgt Ion: 94 Resp: 29273
Ion Ratio Lower Upper
94 100
65 33.4 4.1 44.1
66 65.0 12.4 52.4#

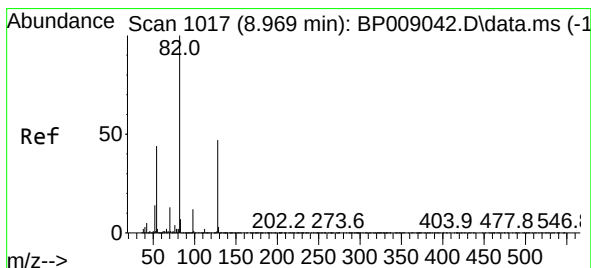
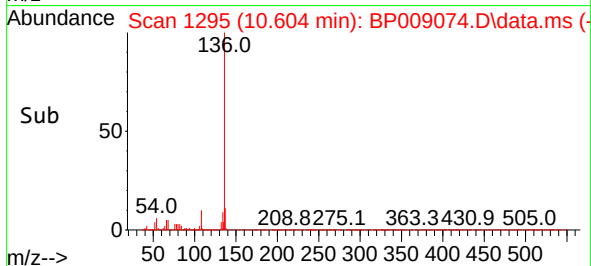
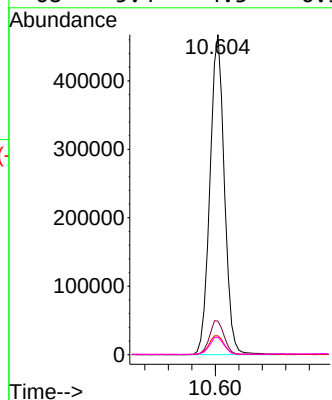
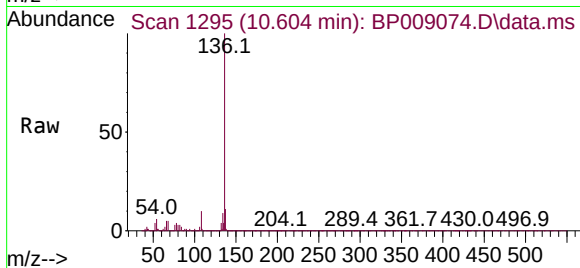




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

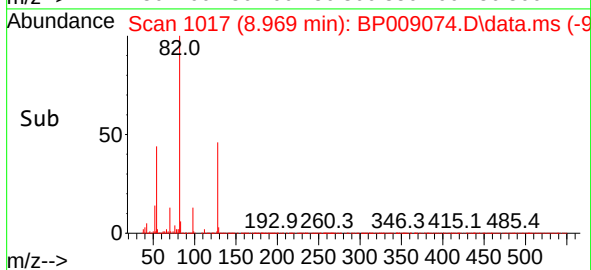
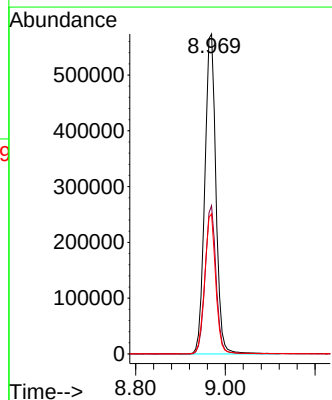
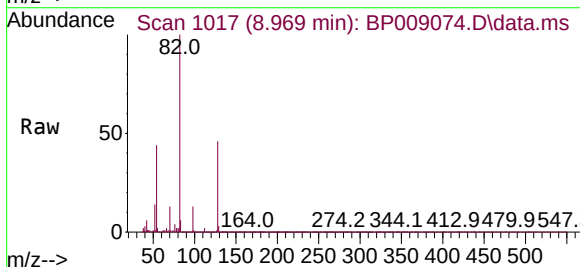
Instrument :
BNA_P
ClientSampleId :
SB-1

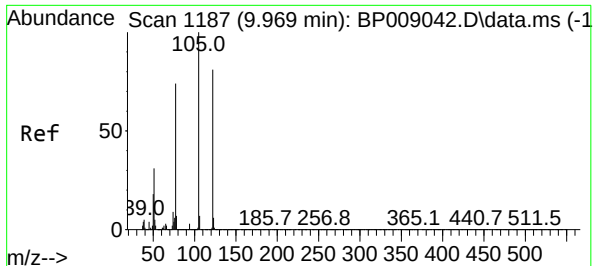
Tgt Ion:	136	Resp:	794482
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.9	4.9	7.3
68	5.4	4.3	6.5



#23
Nitrobenzene-d5
Concen: 70.053 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

Tgt Ion:	82	Resp:	986922
Ion	Ratio	Lower	Upper
82	100		
128	46.3	39.4	59.2
54	43.8	32.6	48.8

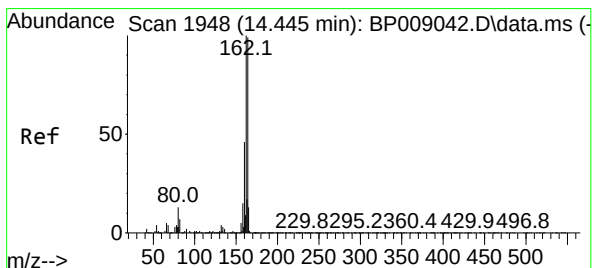
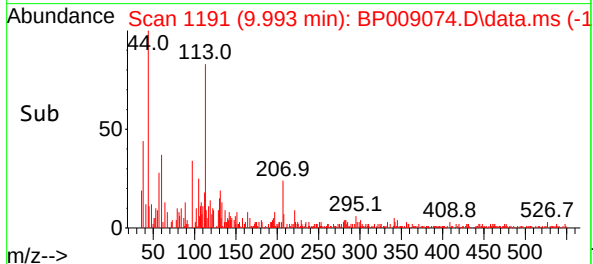
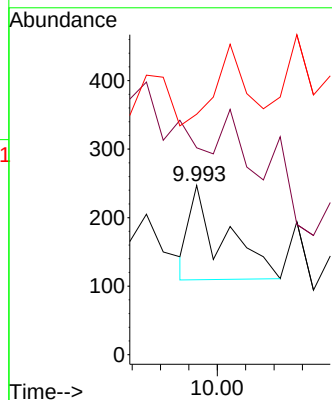
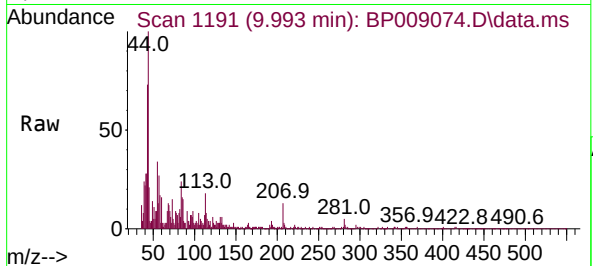




#32
Benzoic acid
Concen: 2.704 ng
RT: 9.993 min Scan# 1187
Delta R.T. 0.024 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

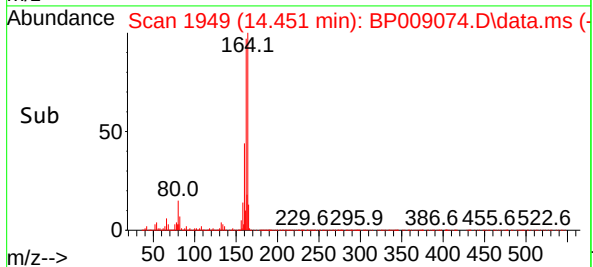
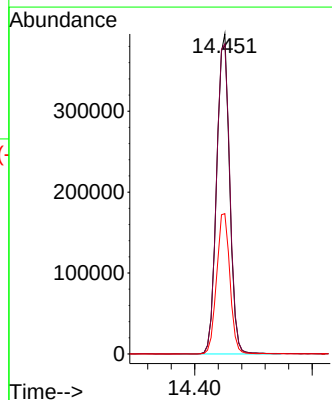
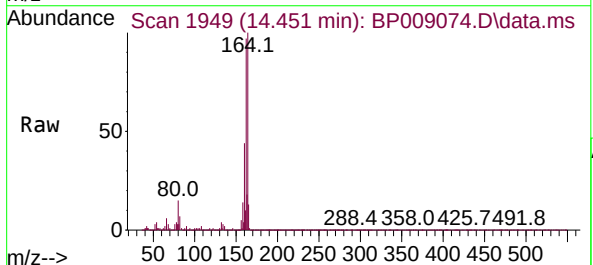
Instrument :
BNA_P
ClientSampleId :
SB-1

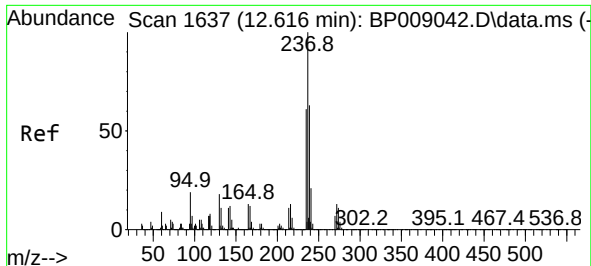
Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 122.3 100.1 140.1
77 142.1 65.5 105.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

Tgt Ion:164 Resp: 601831
Ion Ratio Lower Upper
164 100
162 96.9 79.9 119.9
160 43.9 35.5 53.3

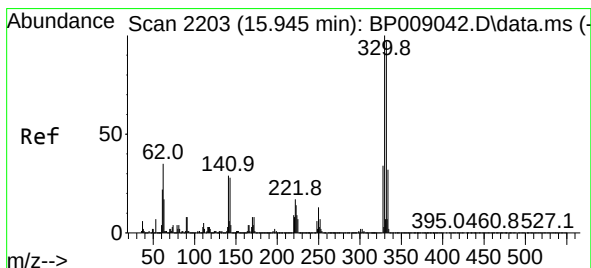
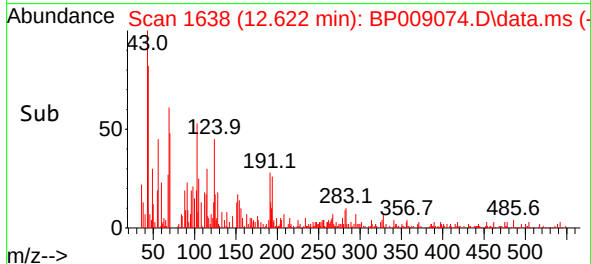
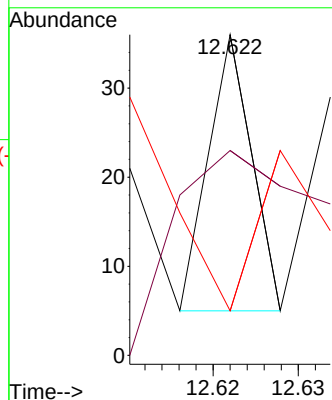
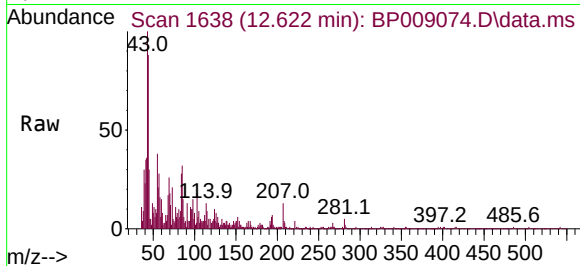




#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.622 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

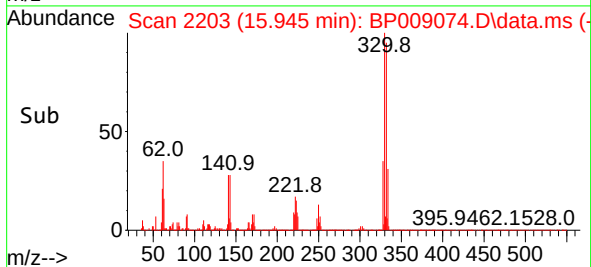
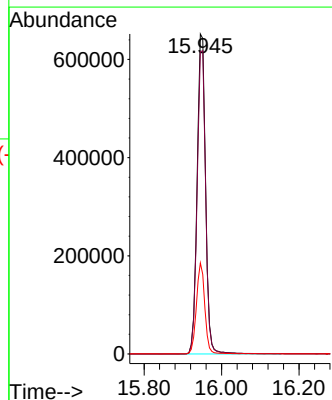
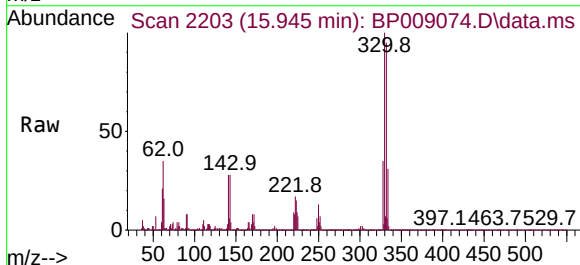
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ClientSampleId :
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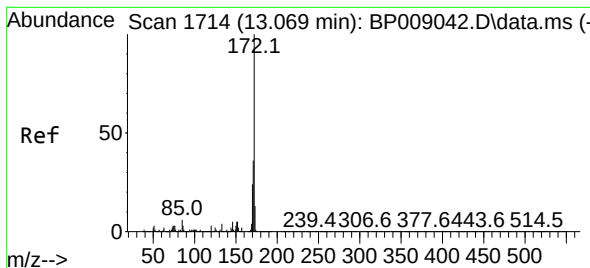
Tgt Ion:237	Resp:	11
Ion	Ratio	Lower Upper
237	100	
235	63.9	42.9 82.9
272	13.9	0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 122.717 ng
RT: 15.945 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

Tgt Ion:330	Resp:	986094
Ion	Ratio	Lower Upper
330	100	
332	95.5	77.0 115.4
141	28.1	21.3 31.9





#45

2-Fluorobiphenyl

Concen: 60.414 ng

RT: 13.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009074.D

Acq: 09 Feb 2022 13:02

Instrument :

BNA_P

ClientSampleId :

SB-1

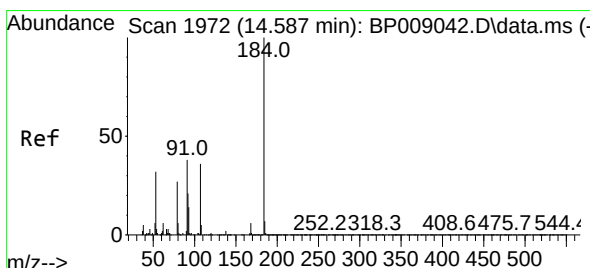
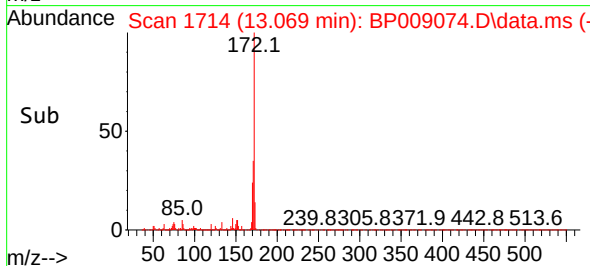
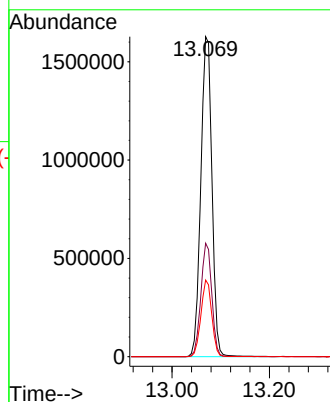
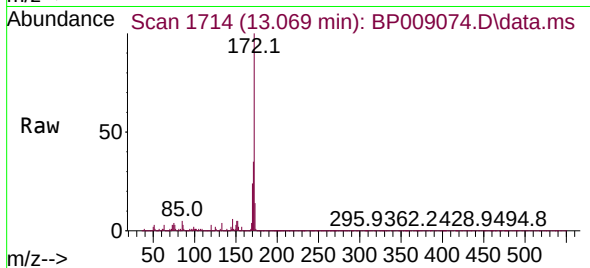
Tgt Ion:172 Resp: 2597278

Ion Ratio Lower Upper

172 100

171 35.5 29.3 43.9

170 24.0 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 2.189 ng

RT: 14.592 min Scan# 1973

Delta R.T. 0.005 min

Lab File: BP009074.D

Acq: 09 Feb 2022 13:02

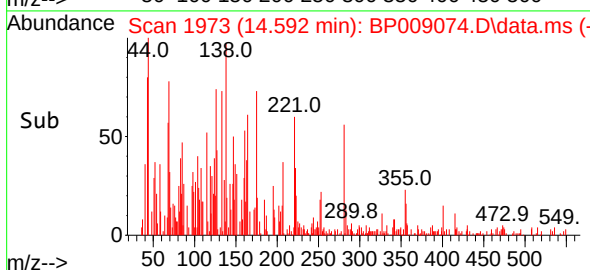
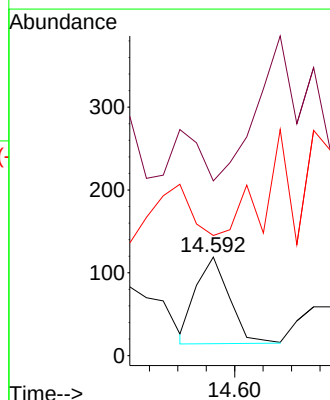
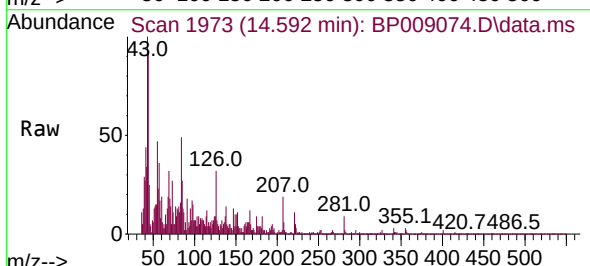
Tgt Ion:184 Resp: 86

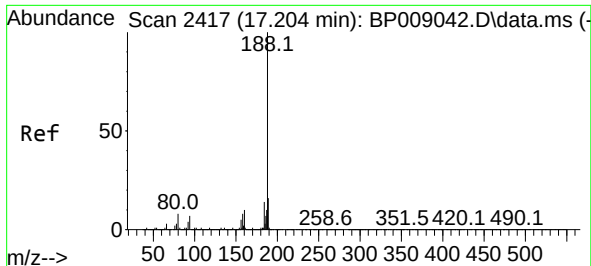
Ion Ratio Lower Upper

184 100

63 177.3 35.6 53.4#

154 121.8 43.4 65.0#

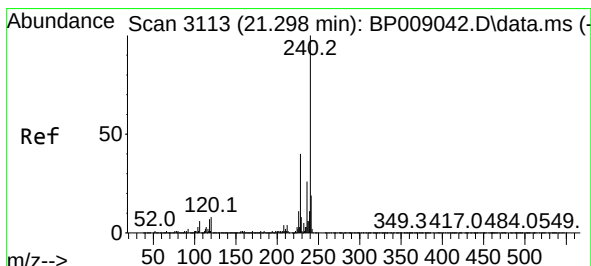
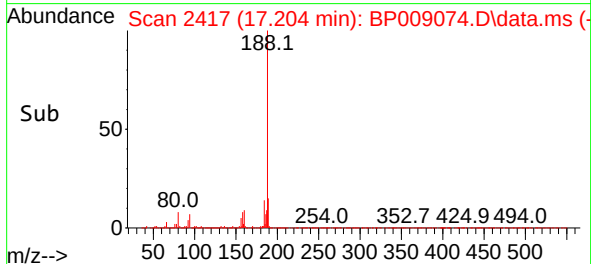
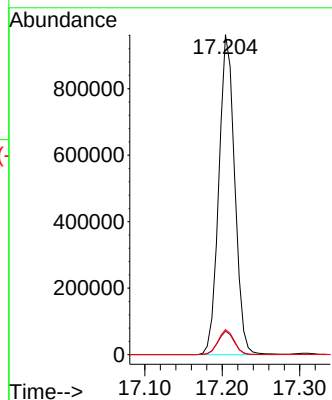
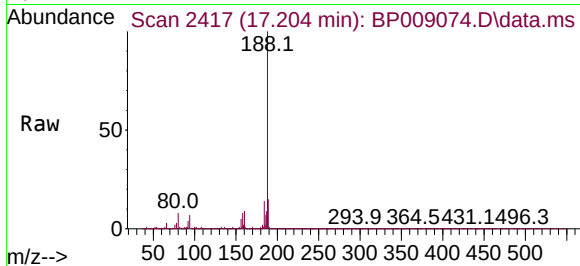




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

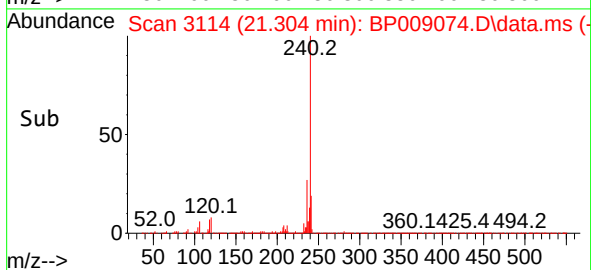
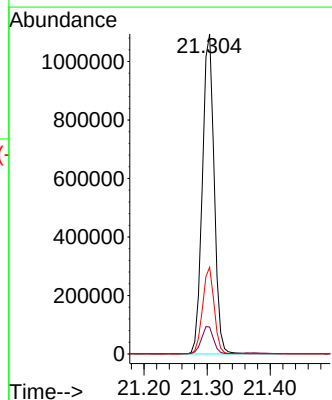
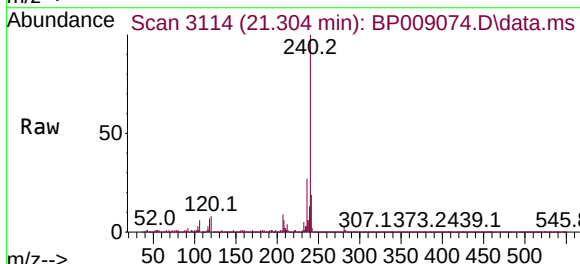
Instrument :
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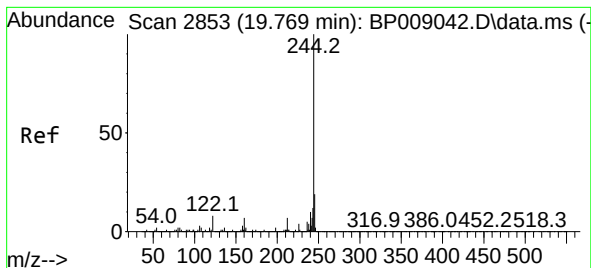
Tgt Ion:188 Resp: 1367688
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009074.D
Acq: 09 Feb 2022 13:02

Tgt Ion:240 Resp: 1416513
Ion Ratio Lower Upper
240 100
120 8.4 7.7 11.5
236 27.1 21.2 31.8





#79

Terphenyl-d14

Concen: 55.646 ng

RT: 19.775 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009074.D

Acq: 09 Feb 2022 13:02

Instrument :

BNA_P

ClientSampleId :

SB-1

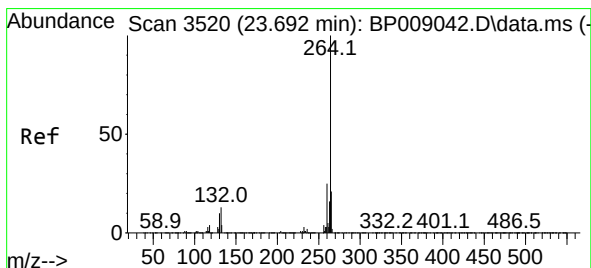
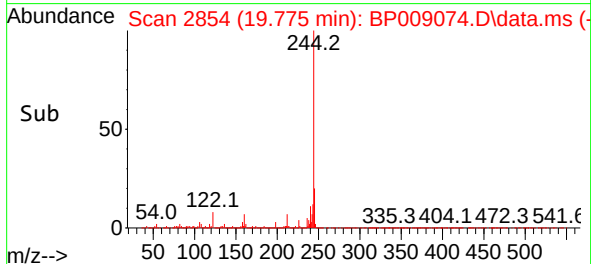
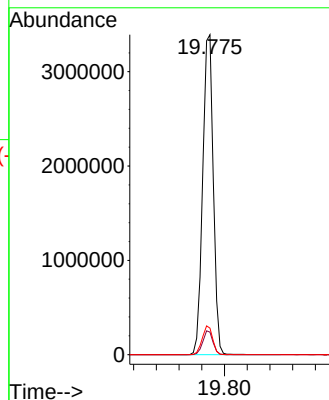
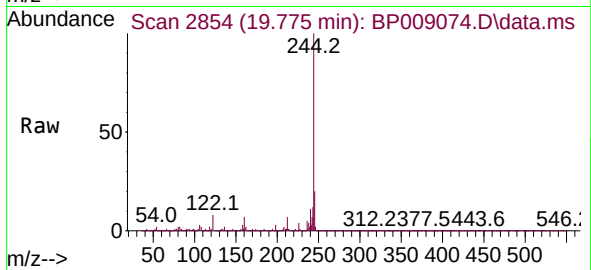
Tgt Ion:244 Resp: 4383113

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 8.3 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BP009074.D

Acq: 09 Feb 2022 13:02

Tgt Ion:264 Resp: 1505780

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.7 17.1 25.7

