

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009147.D
 Acq On : 14 Feb 2022 22:13
 Operator : CG/JU
 Sample : N1526-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-1-021122

Quant Time: Feb 15 00:01:47 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)

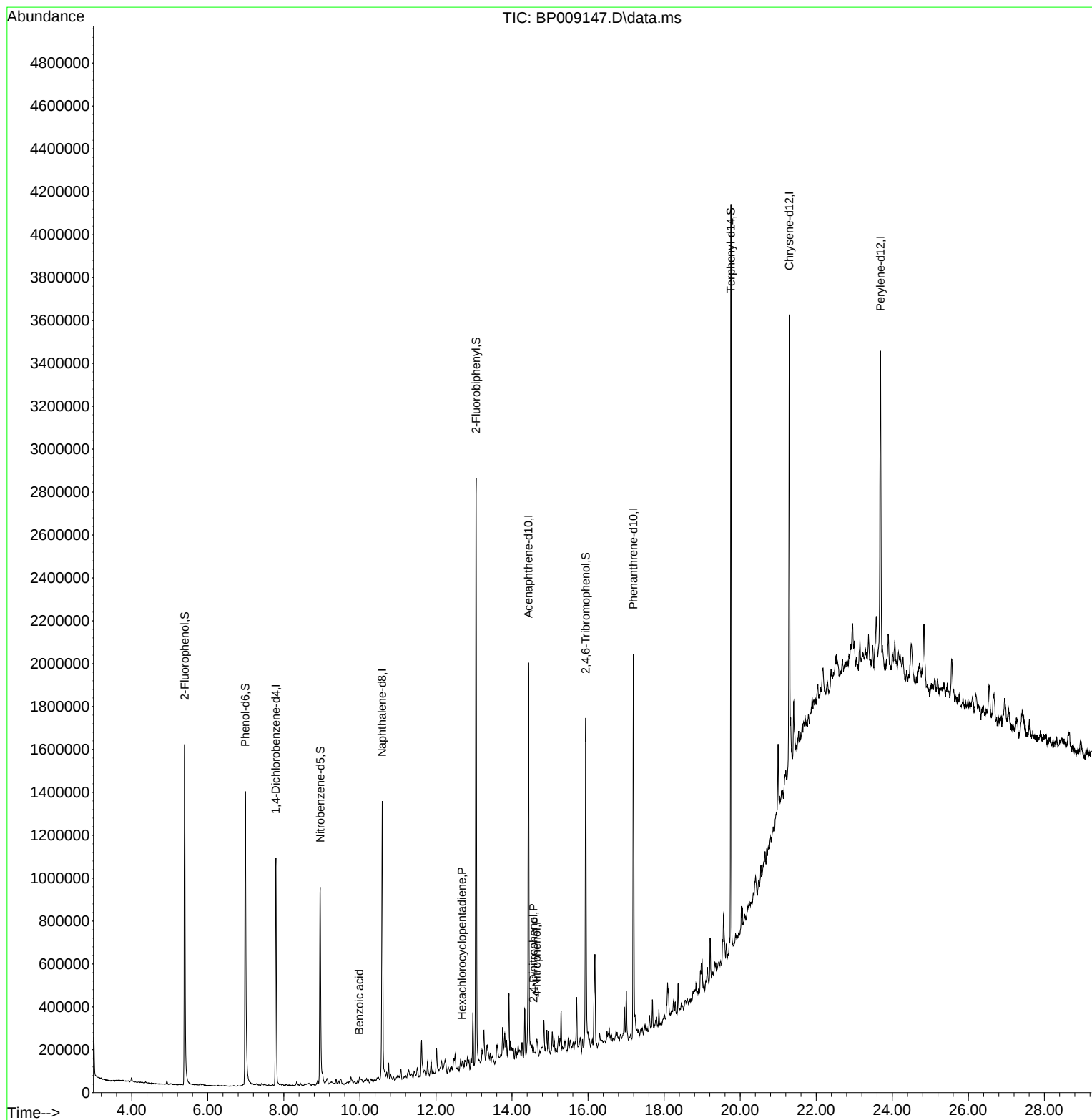
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	331422	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1223370	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	694744	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1228398	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1110801	20.000	ng	0.00
86) Perylene-d12	23.692	264	1243271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	861408	46.363	ng	0.00
7) Phenol-d6	6.987	99	1036349	42.332	ng	0.00
23) Nitrobenzene-d5	8.957	82	653662	30.132	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	381274	41.103	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1675019	33.751	ng	-0.01
79) Terphenyl-d14	19.757	244	1828530	29.603	ng	-0.01
Target Compounds						
32) Benzoic acid	9.981	122	52	2.693	ng	# 1
41) Hexachlorocyclopentadiene	12.687	237	45	8.661	ng	94
54) 2,4-Dinitrophenol	14.563	184	43	2.176	ng	# 1
56) 4-Nitrophenol	14.645	139	4523	2.242	ng	# 17

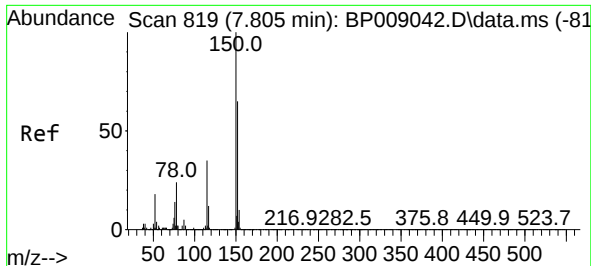
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

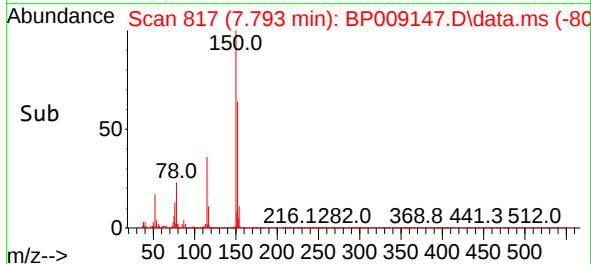
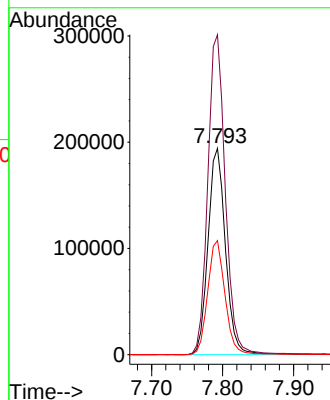
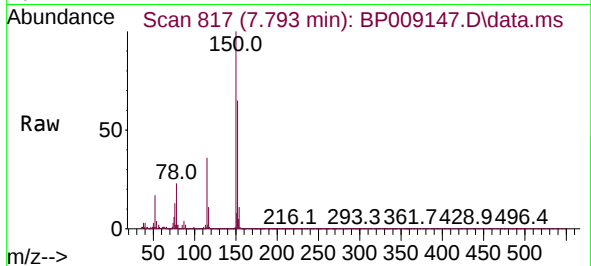




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

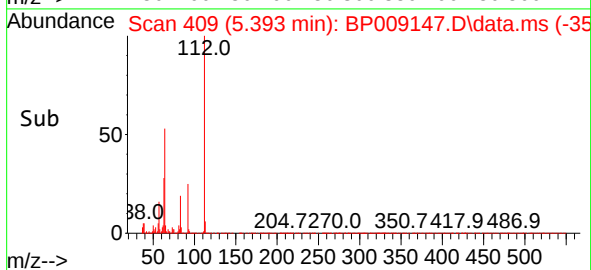
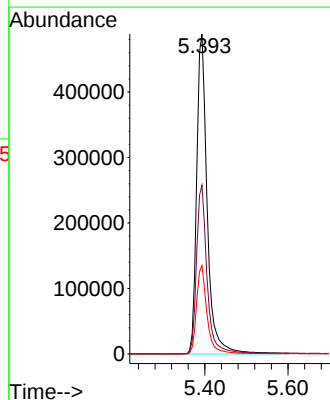
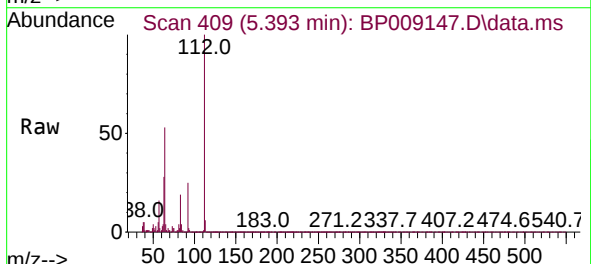
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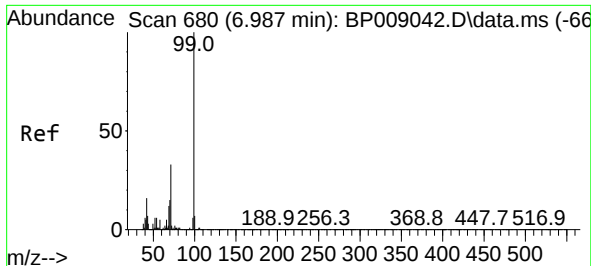
Tgt Ion:152 Resp: 331422
Ion Ratio Lower Upper
152 100
150 155.0 127.0 190.6
115 55.3 43.7 65.5



#5
2-Fluorophenol
Concen: 46.363 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

Tgt Ion:112 Resp: 861408
Ion Ratio Lower Upper
112 100
64 52.8 39.7 59.5
63 27.6 20.0 30.0

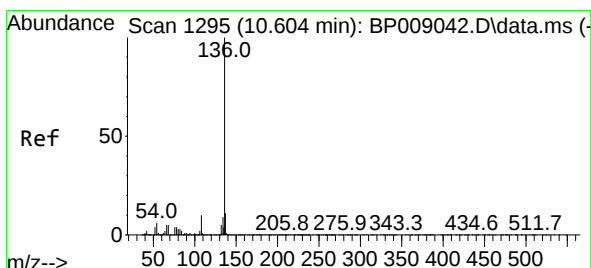
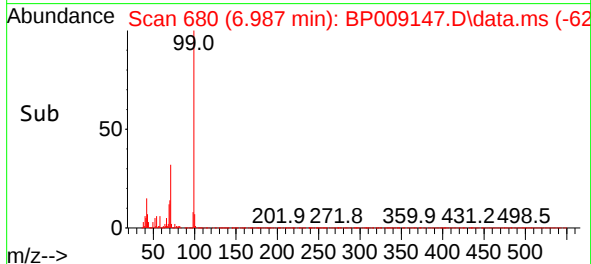
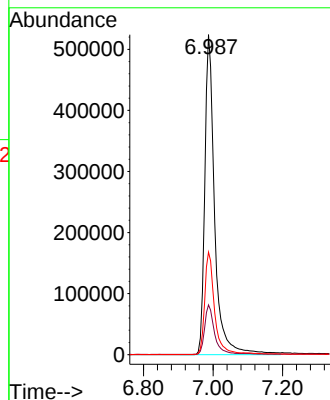
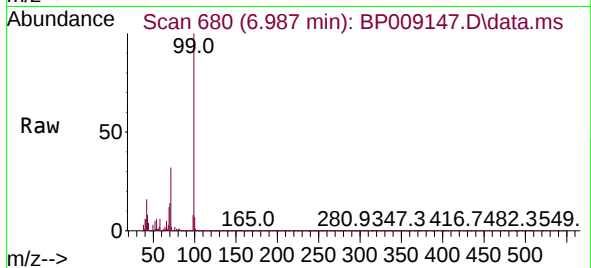




#7
Phenol-d6
Concen: 42.332 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

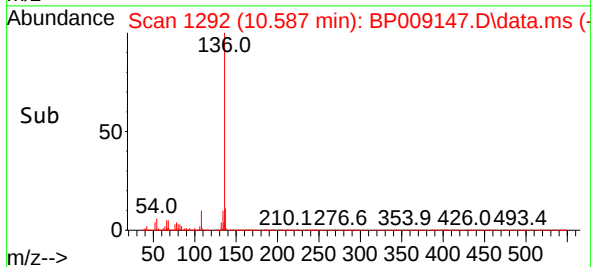
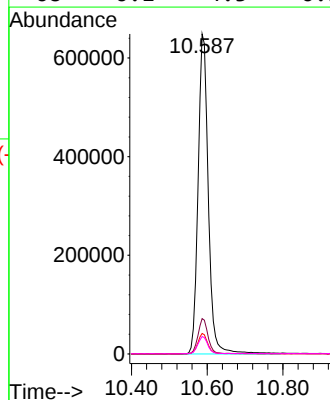
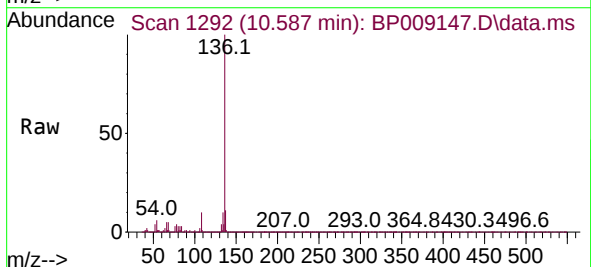
Instrument :
BNA_P
ClientSampleId :
HR-1-021122

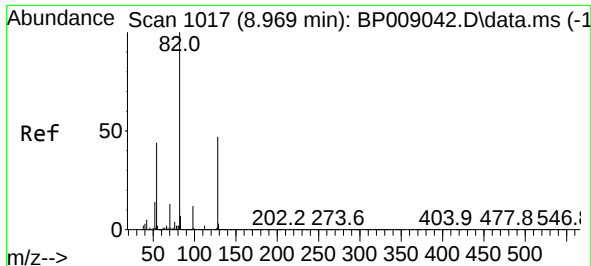
Tgt Ion: 99 Resp: 1036349
Ion Ratio Lower Upper
99 100
42 15.5 10.8 16.2
71 32.1 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

Tgt Ion: 136 Resp: 1223370
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.4 4.9 7.3
68 6.1 4.3 6.5

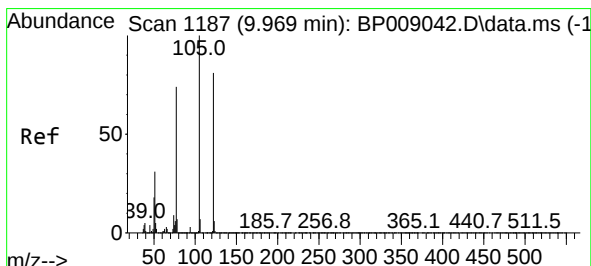
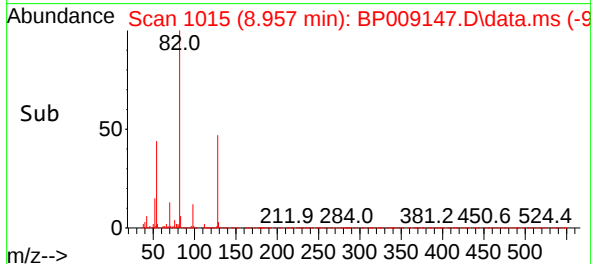
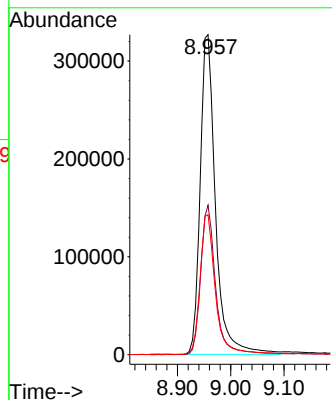
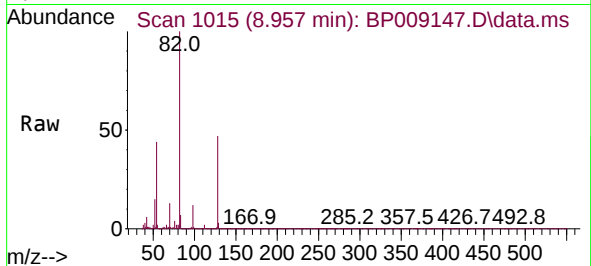




#23
Nitrobenzene-d5
Concen: 30.132 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

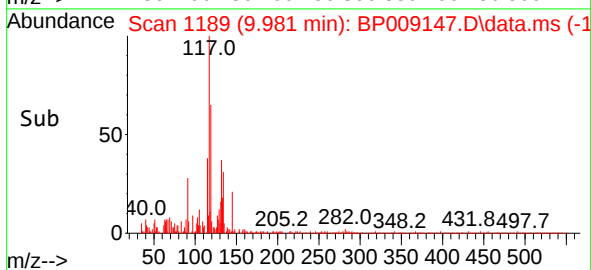
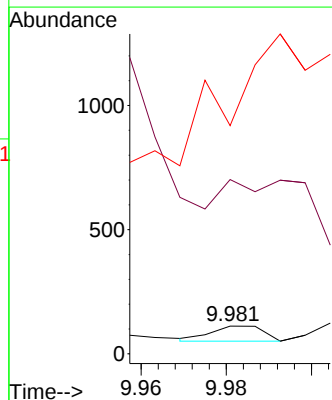
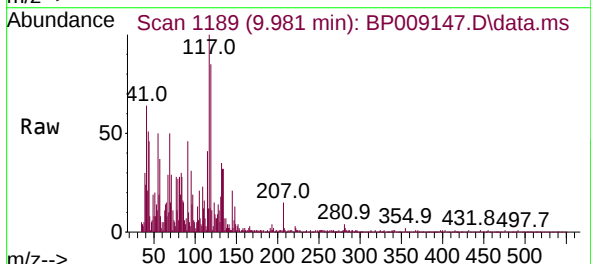
Instrument :
BNA_P
ClientSampleId :
HR-1-021122

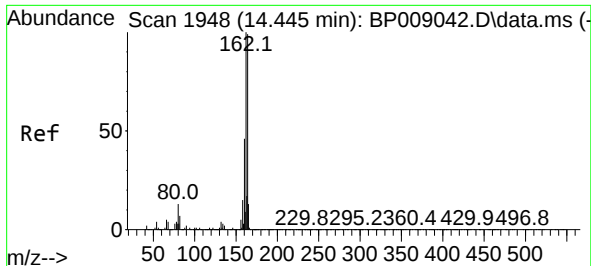
Tgt Ion: 82 Resp: 653662
Ion Ratio Lower Upper
82 100
128 46.7 39.4 59.2
54 43.8 32.6 48.8



#32
Benzoic acid
Concen: 2.693 ng
RT: 9.981 min Scan# 1189
Delta R.T. 0.012 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

Tgt Ion: 122 Resp: 52
Ion Ratio Lower Upper
122 100
105 626.8 100.1 140.1#
77 820.5 65.5 105.5#

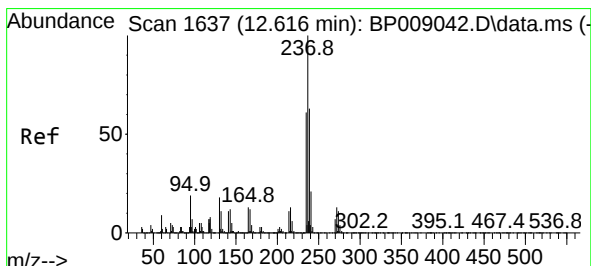
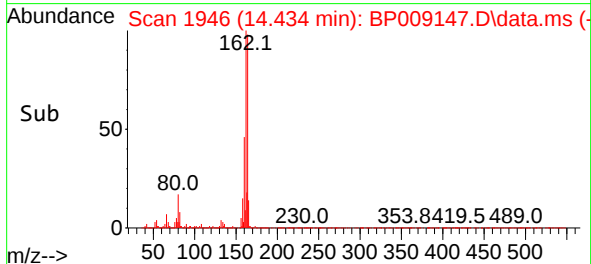
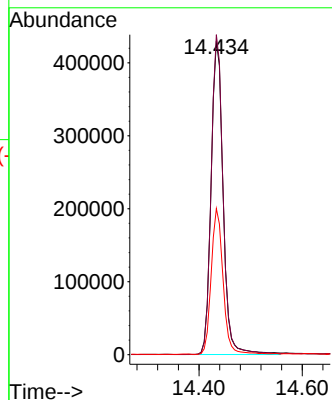
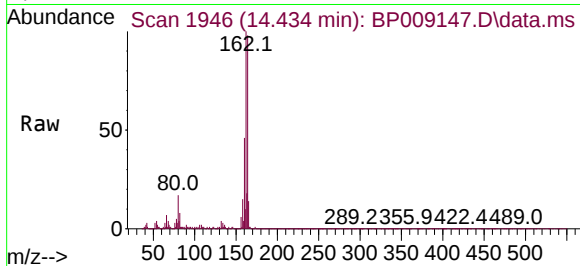




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1948
Delta R.T. -0.011 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

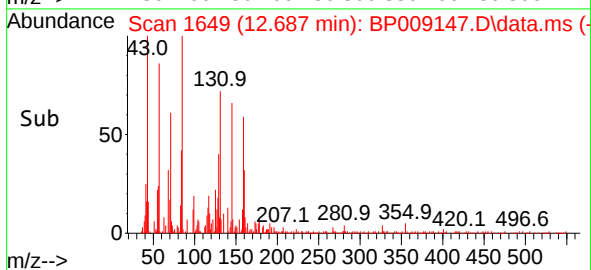
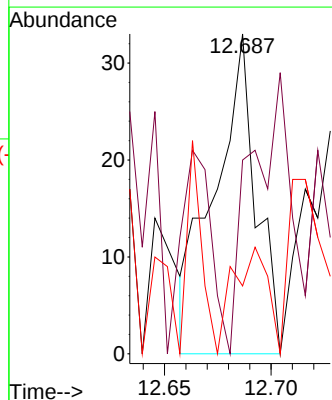
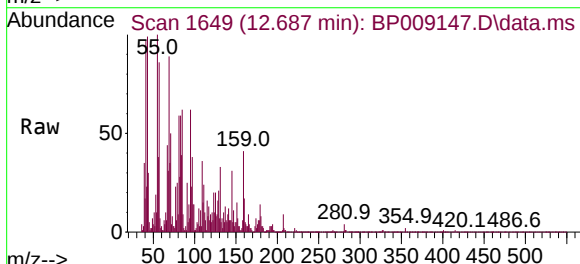
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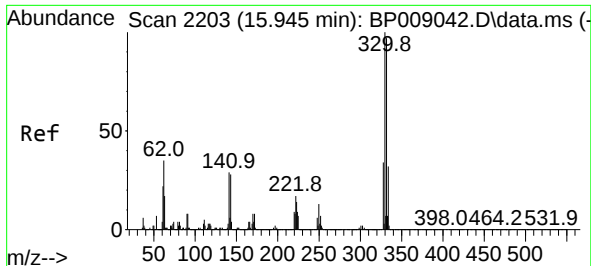
Tgt Ion:164 Resp: 694744
Ion Ratio Lower Upper
164 100
162 102.1 79.9 119.9
160 46.6 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.687 min Scan# 1649
Delta R.T. 0.071 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

Tgt Ion:237 Resp: 45
Ion Ratio Lower Upper
237 100
235 60.6 42.9 82.9
272 21.2 0.0 33.8

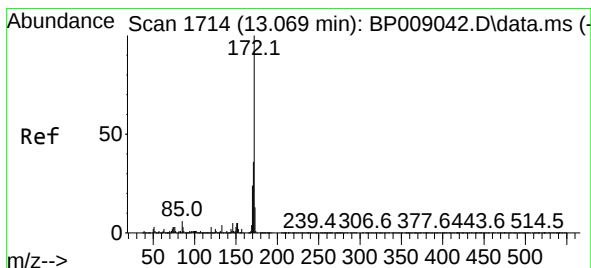
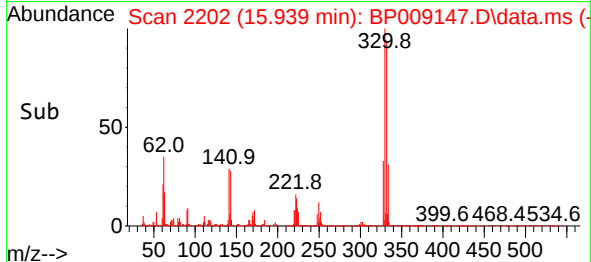
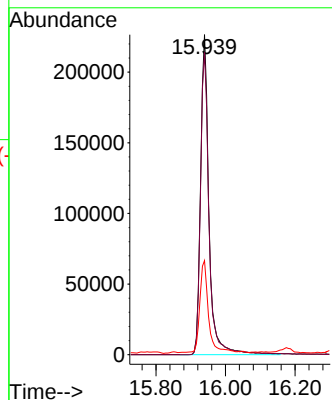
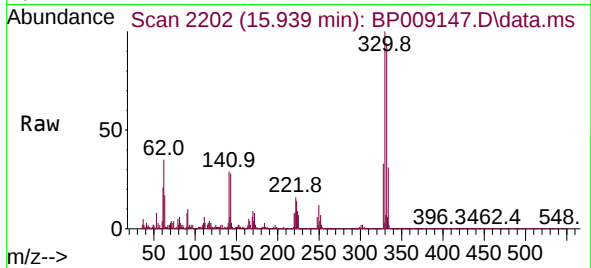




#42
2,4,6-Tribromophenol
Concen: 41.103 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

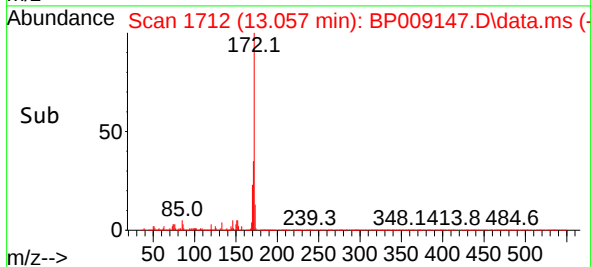
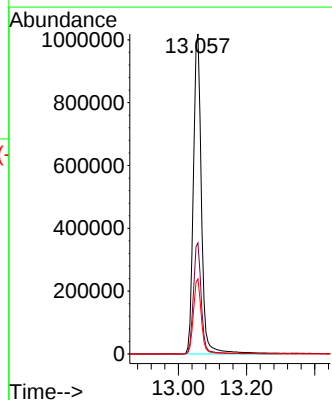
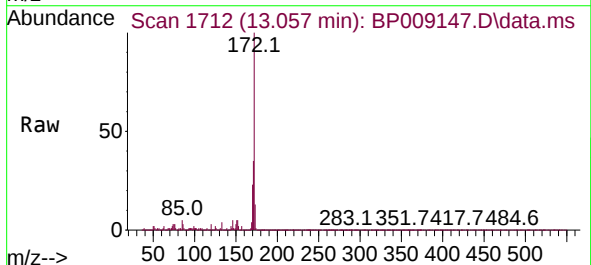
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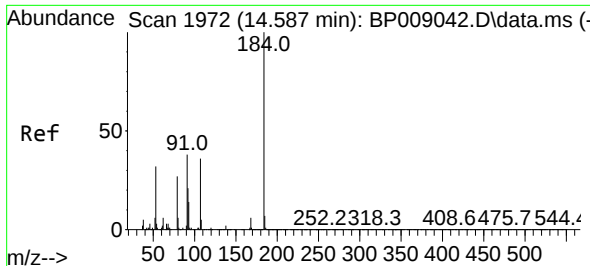
Tgt Ion:330 Resp: 381274
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 28.5 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 33.751 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

Tgt Ion:172 Resp: 1675019
Ion Ratio Lower Upper
172 100
171 34.7 29.3 43.9
170 23.5 19.5 29.3

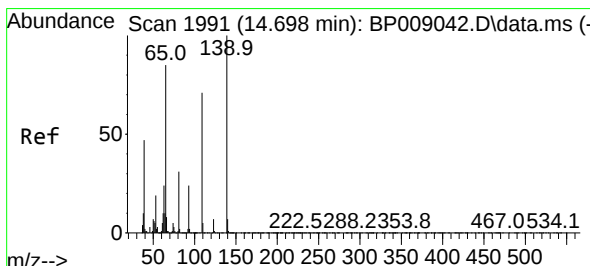
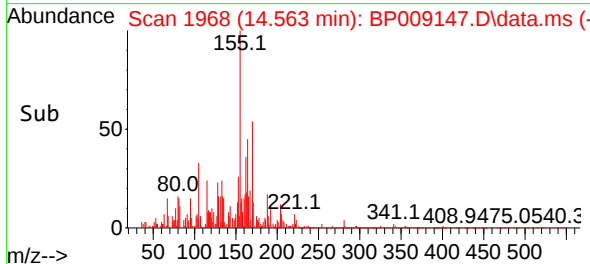
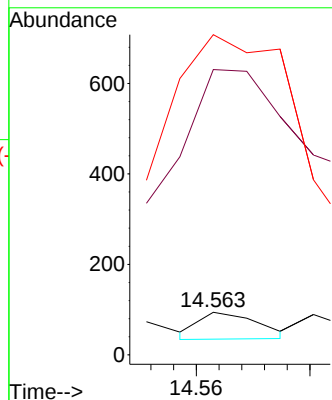
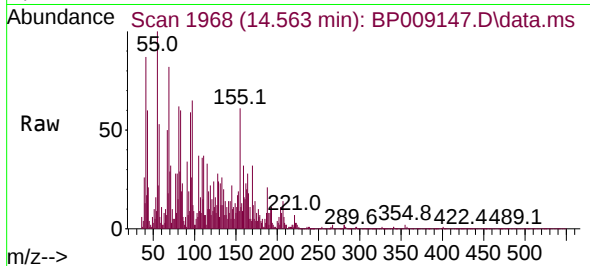




#54
2,4-Dinitrophenol
Concen: 2.176 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.024 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

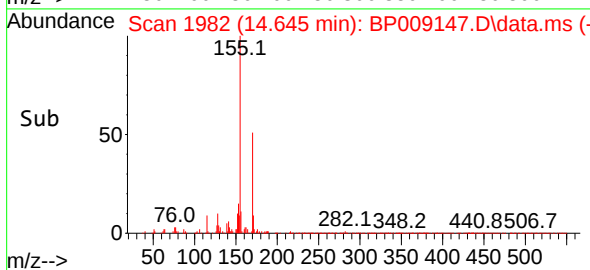
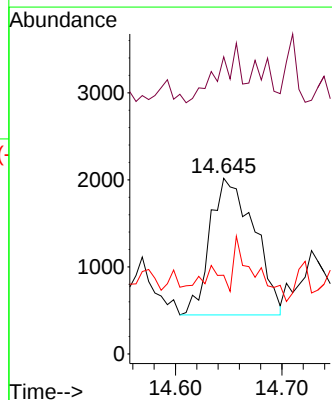
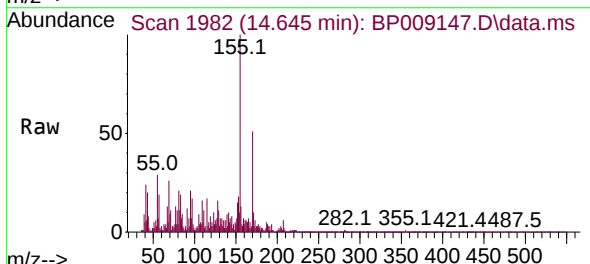
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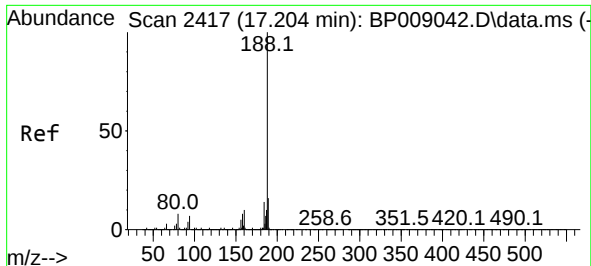
Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 671.3 35.6 53.4#
154 753.2 43.4 65.0#



#56
4-Nitrophenol
Concen: 2.242 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.053 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

Tgt Ion:139 Resp: 4523
Ion Ratio Lower Upper
139 100
109 169.0 42.2 82.2#
65 44.8 57.3 97.3#

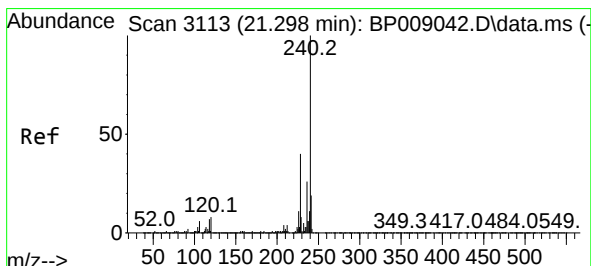
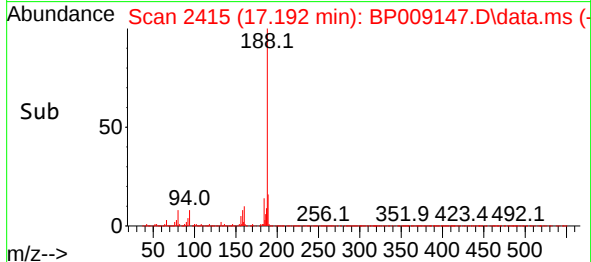
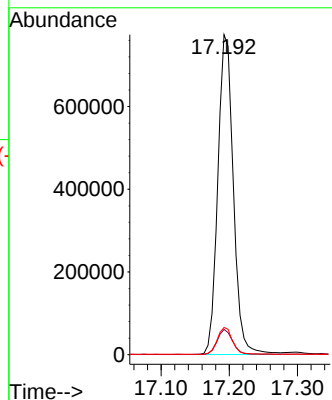
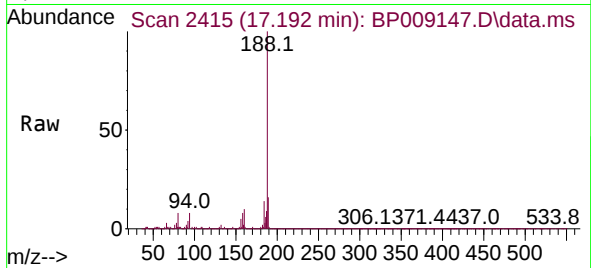




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

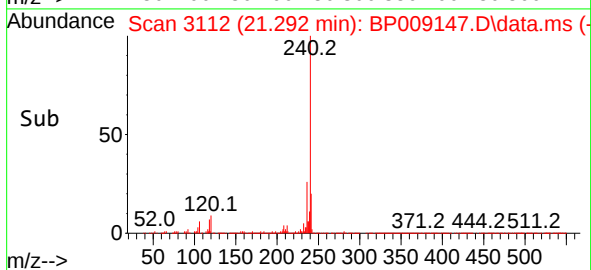
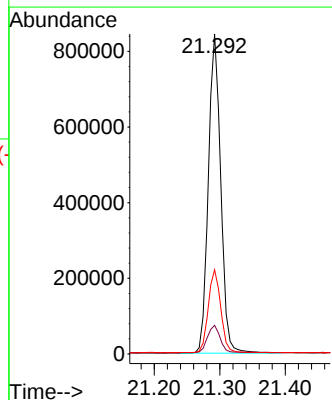
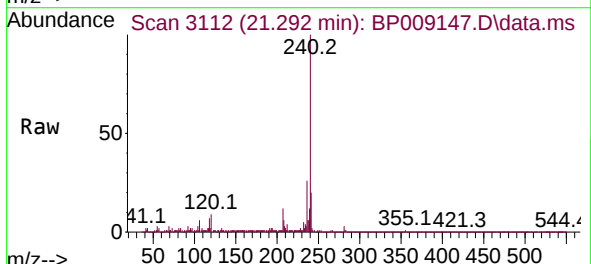
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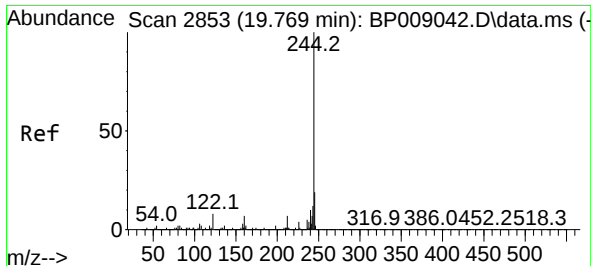
Tgt Ion:188 Resp: 1228398
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009147.D
Acq: 14 Feb 2022 22:13

Tgt Ion:240 Resp: 1110801
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.3 21.2 31.8

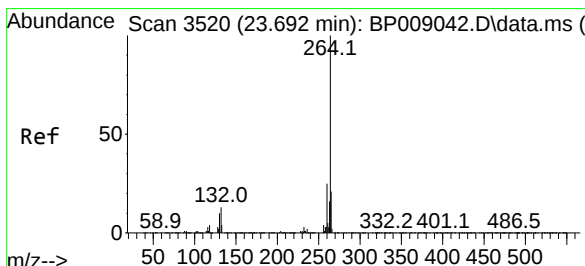
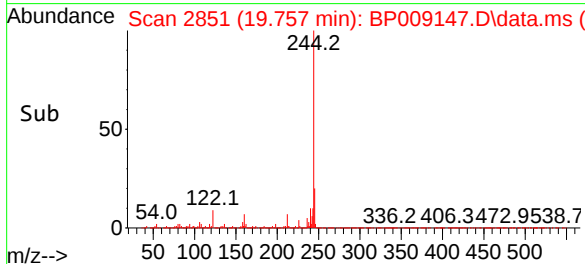
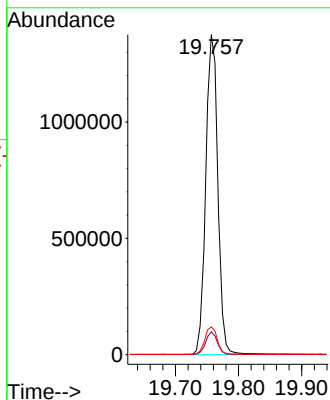
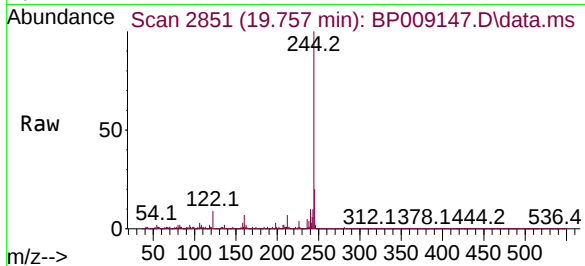




#79
 Terphenyl-d14
 Concen: 29.603 ng
 RT: 19.757 min Scan# 2851
 Delta R.T. -0.012 min
 Lab File: BP009147.D
 Acq: 14 Feb 2022 22:13

Instrument :
 BNA_P
 ClientSampleId :
 HR-1-021122

Tgt Ion:244 Resp: 1828530
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 8.7 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.692 min Scan# 3520
 Delta R.T. -0.000 min
 Lab File: BP009147.D
 Acq: 14 Feb 2022 22:13

Tgt Ion:264 Resp: 1243271
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 22.5 17.1 25.7

