

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009174.D
 Acq On : 16 Feb 2022 12:28
 Operator : CG/JU
 Sample : PB142687BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142687BL

Quant Time: Feb 16 14:32:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

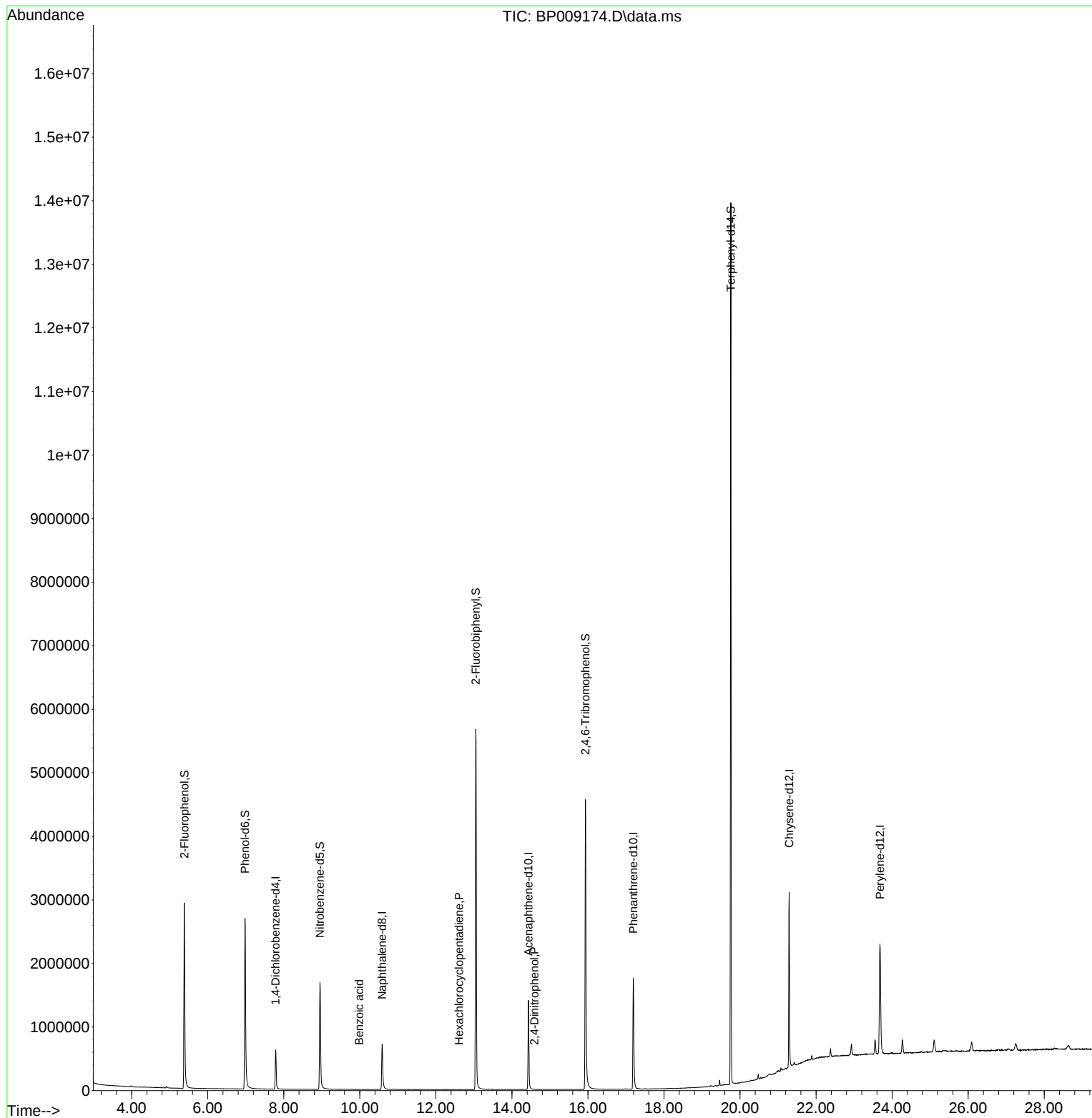
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	196676	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	787557	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	585577	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1365119	20.000	ng	0.00
76) Chrysene-d12	21.292	240	1523787	20.000	ng	0.00
86) Perylene-d12	23.680	264	1604437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1632467	148.061	ng	0.00
7) Phenol-d6	6.981	99	1962997	135.117	ng	0.00
23) Nitrobenzene-d5	8.951	82	1198629	85.829	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1200636	153.563	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	3500700	83.688	ng	0.00
79) Terphenyl-d14	19.757	244	6807376	80.339	ng	0.00
Target Compounds						
32) Benzoic acid	9.987	122	35	2.694	ng	# 1
41) Hexachlorocyclopentadiene	12.610	237	14	8.658	ng	90
54) 2,4-Dinitrophenol	14.592	184	23	2.173	ng	# 35

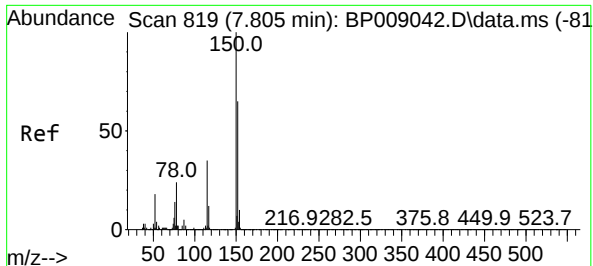
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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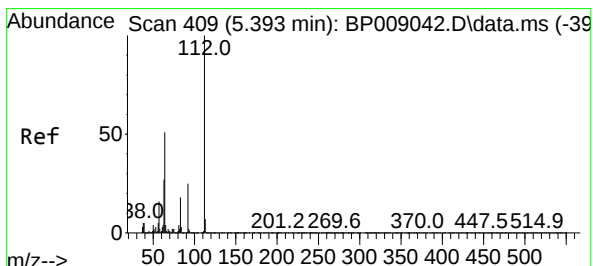
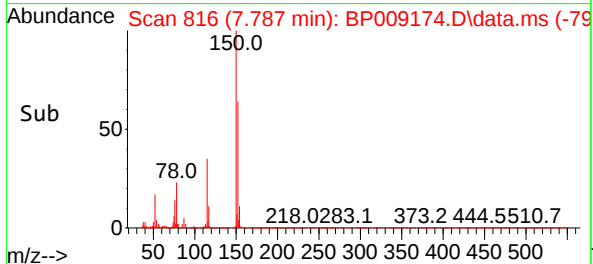
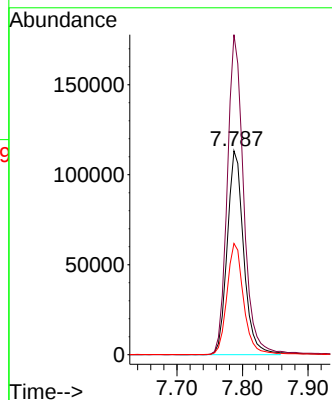
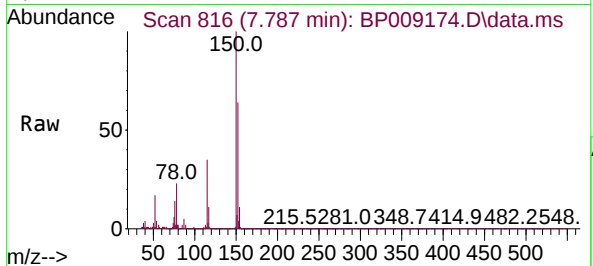




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

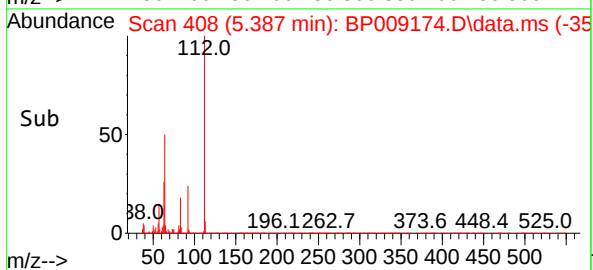
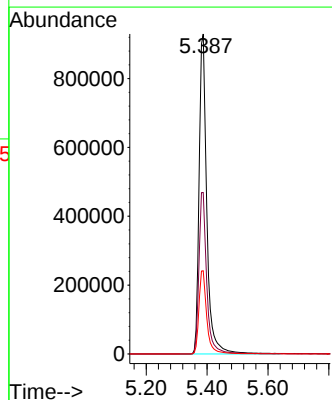
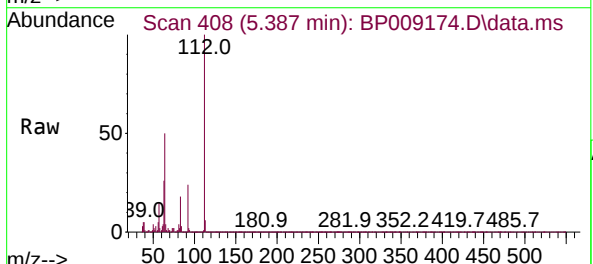
Instrument :
BNA_P
ClientSampleId :
PB142687BL

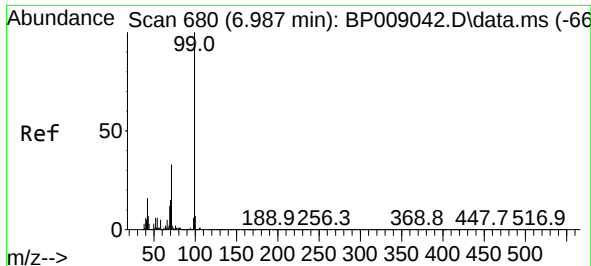
Tgt Ion:152 Resp: 196676
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.6
115 54.5 43.7 65.5



#5
2-Fluorophenol
Concen: 148.061 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

Tgt Ion:112 Resp: 1632467
Ion Ratio Lower Upper
112 100
64 50.5 39.7 59.5
63 26.0 20.0 30.0

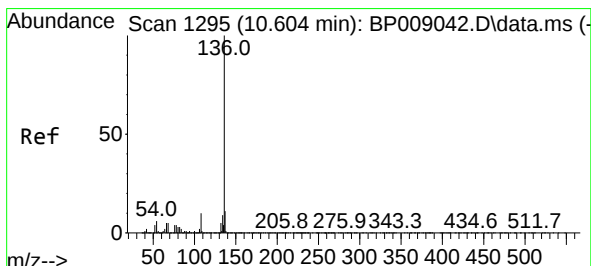
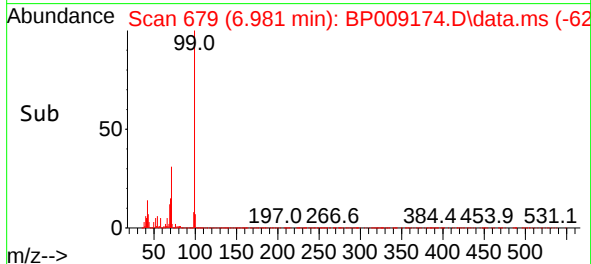
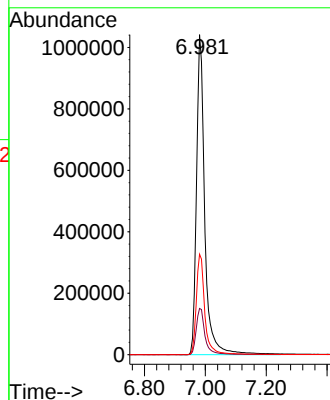
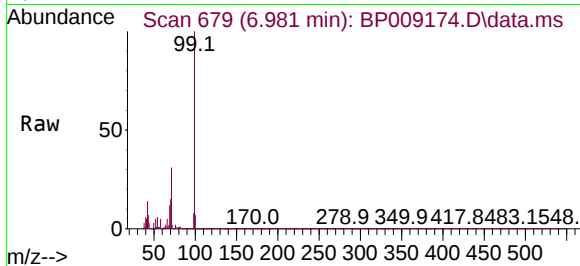




#7
Phenol-d6
Concen: 135.117 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

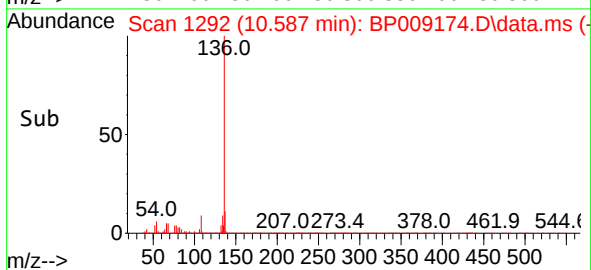
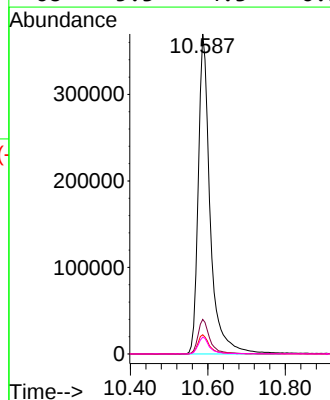
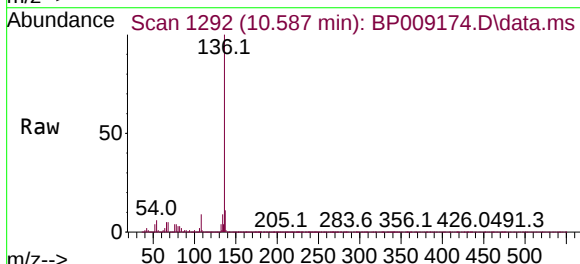
Instrument :
BNA_P
ClientSampleId :
PB142687BL

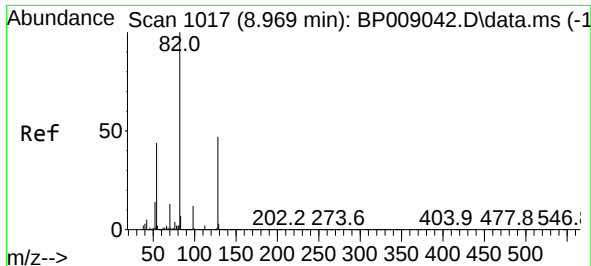
Tgt Ion: 99 Resp: 1962997
Ion Ratio Lower Upper
99 100
42 14.5 10.8 16.2
71 31.4 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

Tgt Ion: 136 Resp: 787557
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.0 4.9 7.3
68 5.3 4.3 6.5



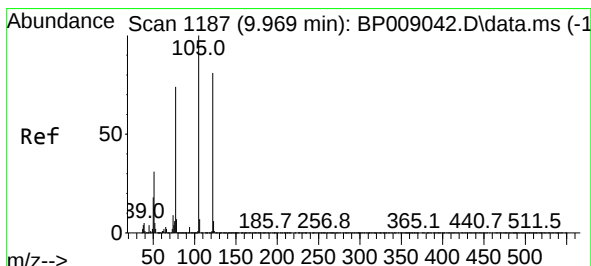
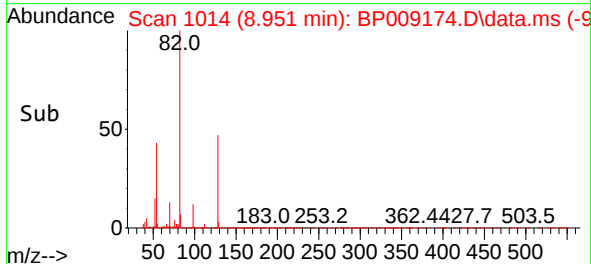
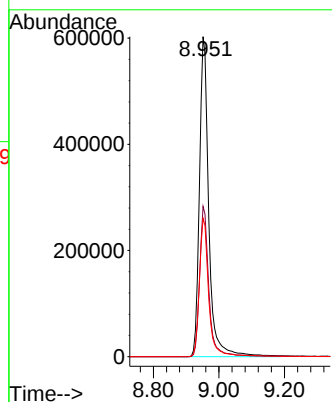
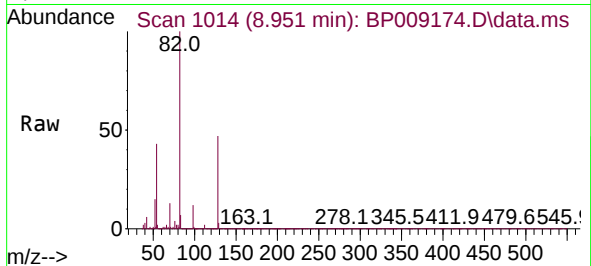


#23
 Nitrobenzene-d5
 Concen: 85.829 ng
 RT: 8.951 min Scan# 1190
 Delta R.T. 0.006 min
 Lab File: BP009174.D
 Acq: 16 Feb 2022 12:28

Instrument :
 BNA_P
 ClientSampleId :
 PB142687BL

Tgt Ion: 82 Resp: 1198629

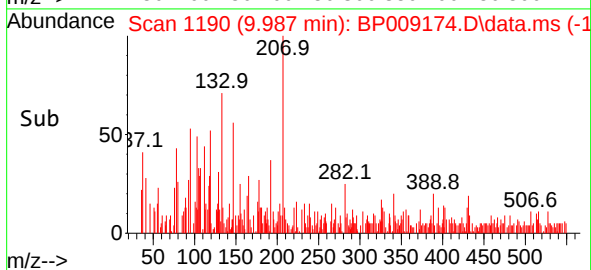
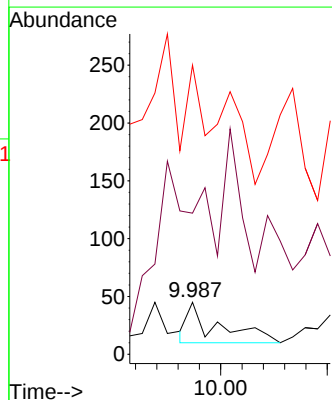
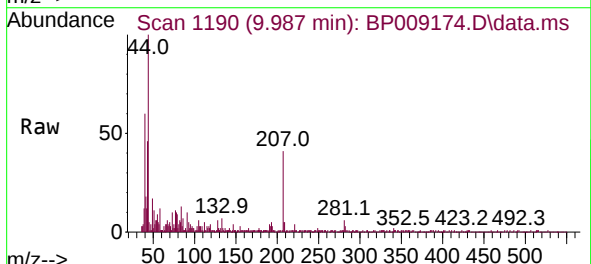
Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.4	59.2
54	43.2	32.6	48.8

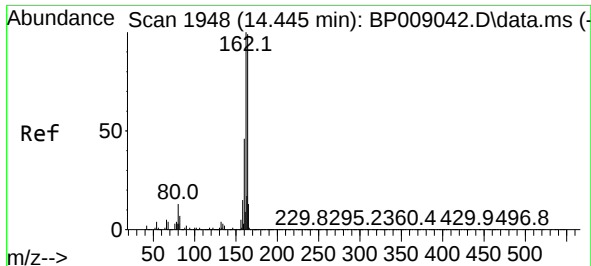


#32
 Benzoic acid
 Concen: 2.694 ng
 RT: 9.987 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BP009174.D
 Acq: 16 Feb 2022 12:28

Tgt Ion: 122 Resp: 35

Ion	Ratio	Lower	Upper
122	100		
105	271.1	100.1	140.1#
77	555.6	65.5	105.5#



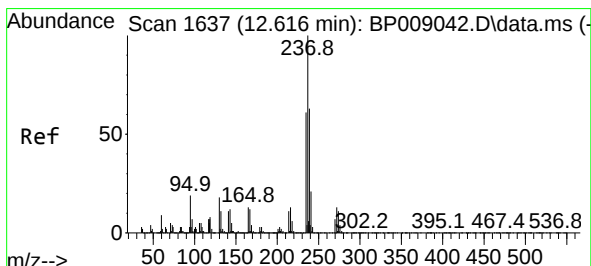
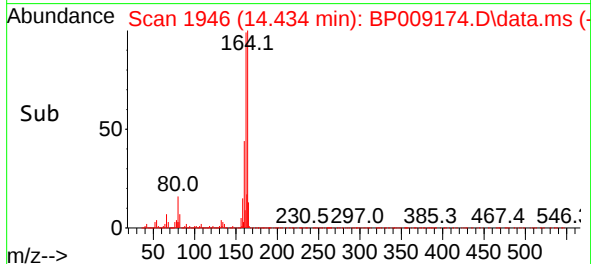
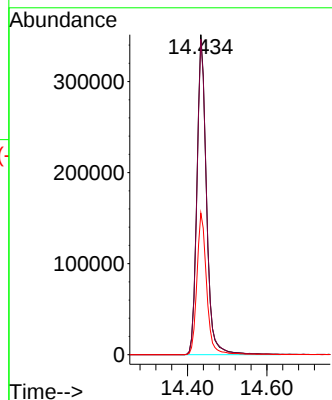
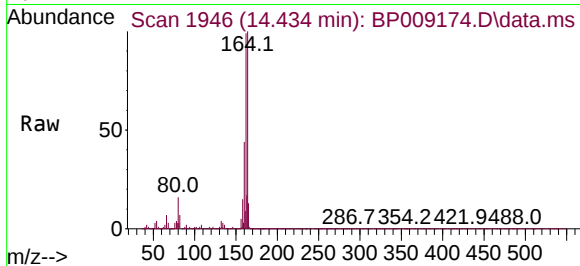


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

Instrument :
BNA_P
ClientSampleId :
PB142687BL

Tgt Ion:164 Resp: 585577

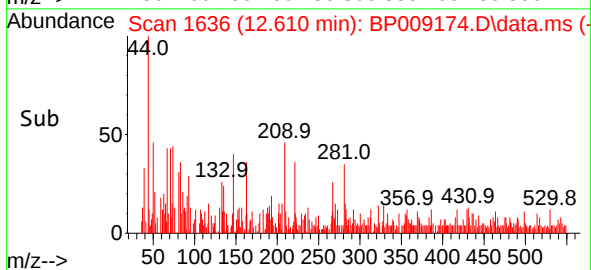
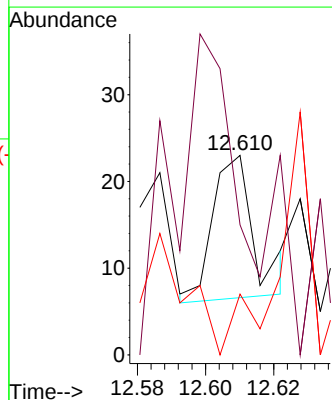
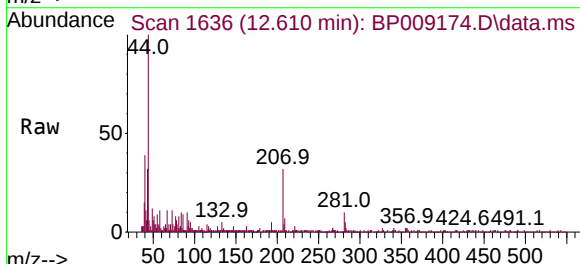
Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	44.3	35.5	53.3

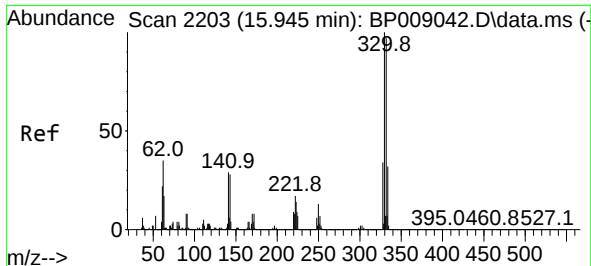


#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.018 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

Tgt Ion:237 Resp: 14

Ion	Ratio	Lower	Upper
237	100		
235	65.2	42.9	82.9
272	30.4	0.0	33.8

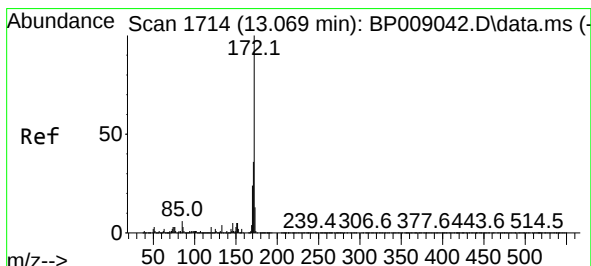
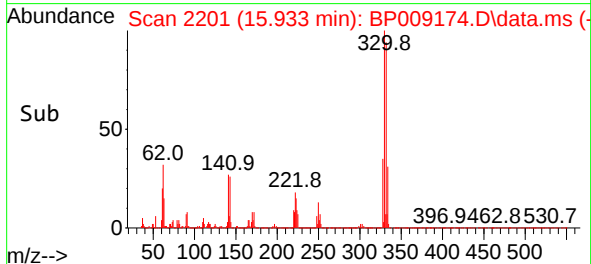
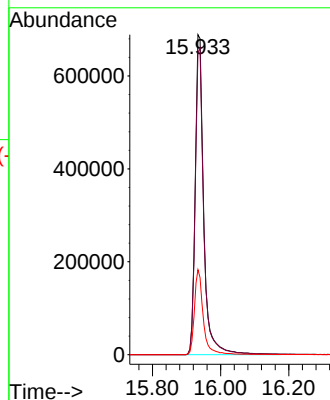
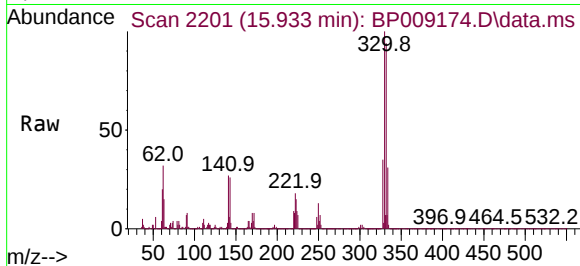




#42
2,4,6-Tribromophenol
Concen: 153.563 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

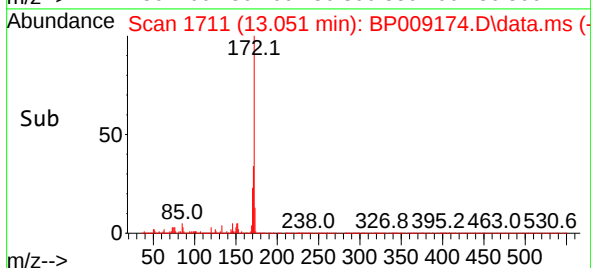
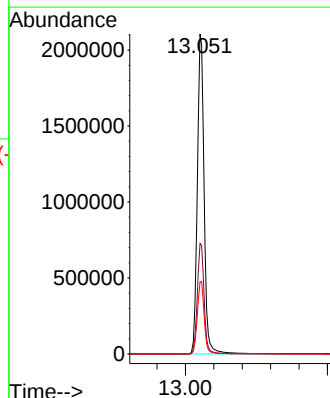
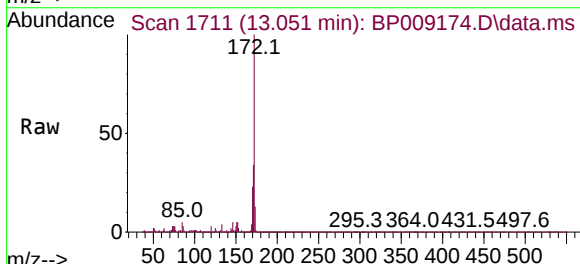
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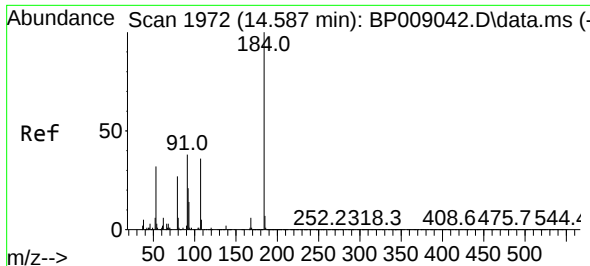
Tgt Ion:330 Resp: 1200636
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 27.4 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 83.688 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

Tgt Ion:172 Resp: 3500700
Ion Ratio Lower Upper
172 100
171 34.5 29.3 43.9
170 22.5 19.5 29.3

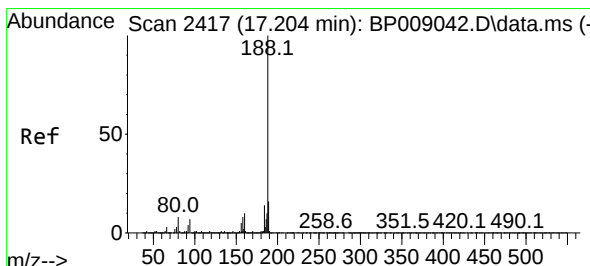
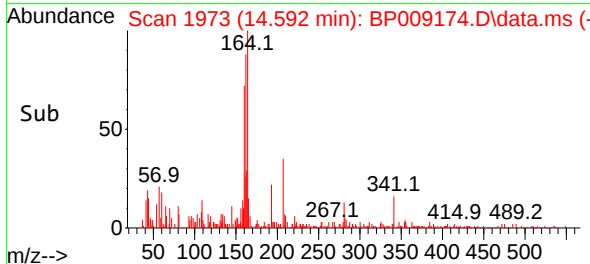
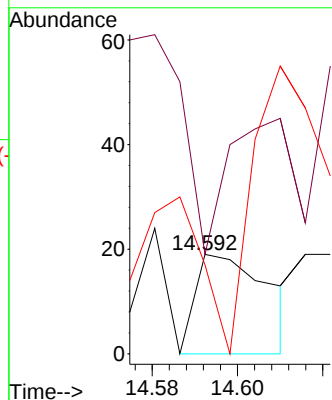
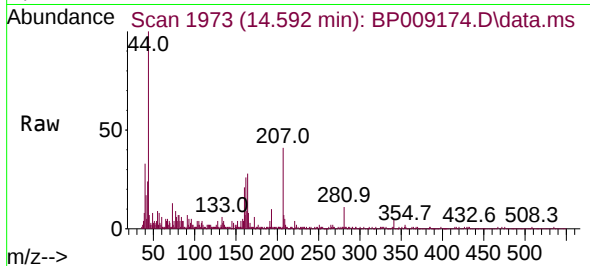




#54
2,4-Dinitrophenol
Concen: 2.173 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

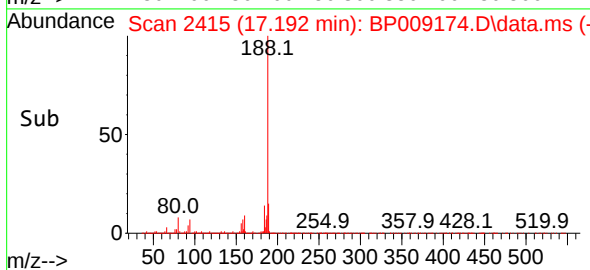
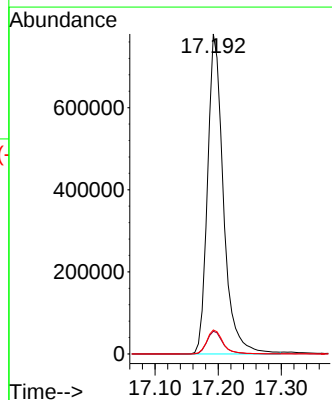
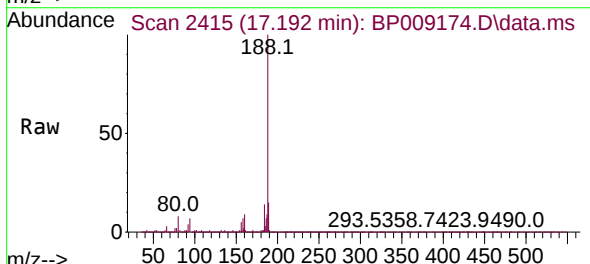
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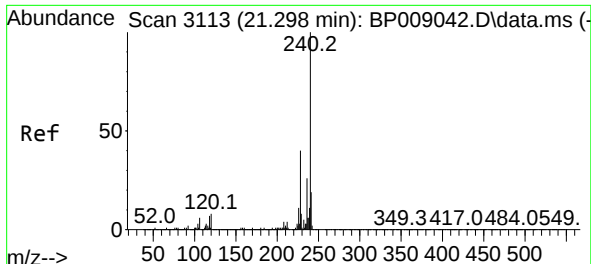
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 100.0 35.6 53.4#
154 89.5 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

Tgt Ion:188 Resp: 1365119
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.5 7.2 10.8

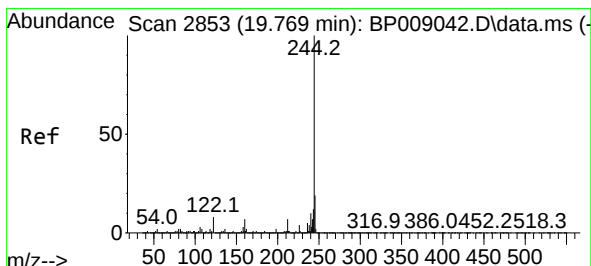
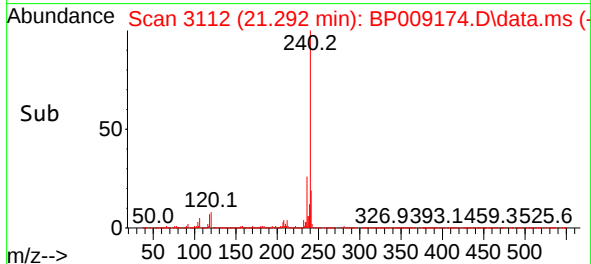
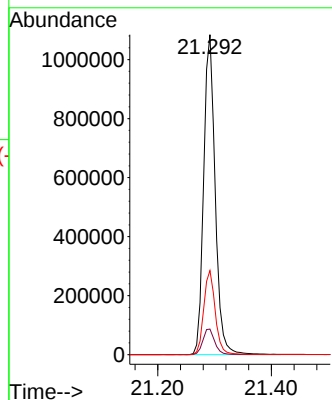
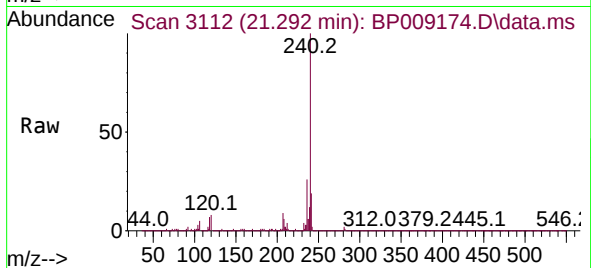




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

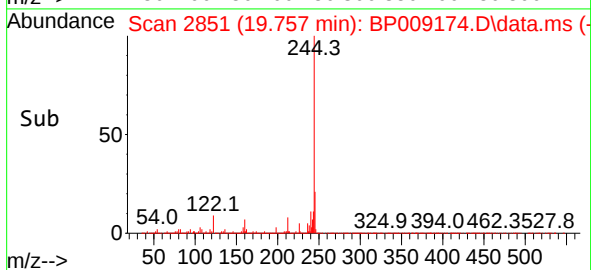
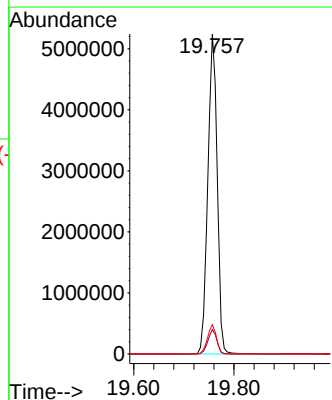
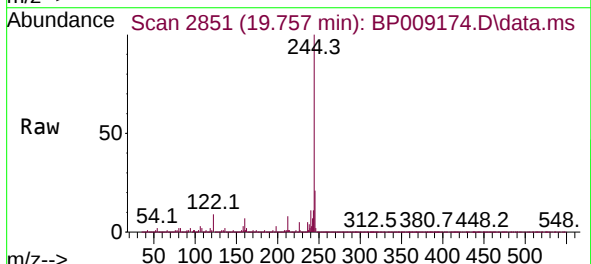
Instrument :
BNA_P
ClientSampleId :
PB142687BL

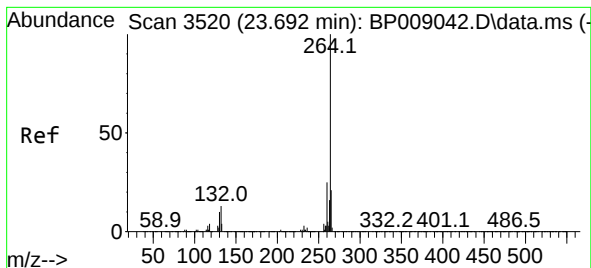
Tgt Ion:240 Resp: 1523787
Ion Ratio Lower Upper
240 100
120 8.0 7.7 11.5
236 26.3 21.2 31.8



#79
Terphenyl-d14
Concen: 80.339 ng
RT: 19.757 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP009174.D
Acq: 16 Feb 2022 12:28

Tgt Ion:244 Resp: 6807376
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 9.2 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.680 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009174.D

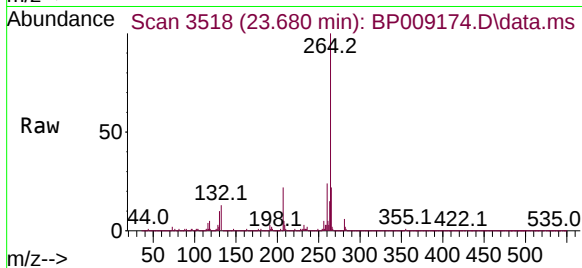
Acq: 16 Feb 2022 12:28

Instrument :

BNA_P

ClientSampleId :

PB142687BL



Tgt Ion:264 Resp: 1604437

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.1 17.1 25.7

