

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019914.D
 Acq On : 28 Feb 2024 13:48
 Operator : MA/JU
 Sample : P1538-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20241097-COMPOSITE-35N-N-4-02

Quant Time: Feb 28 14:23:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

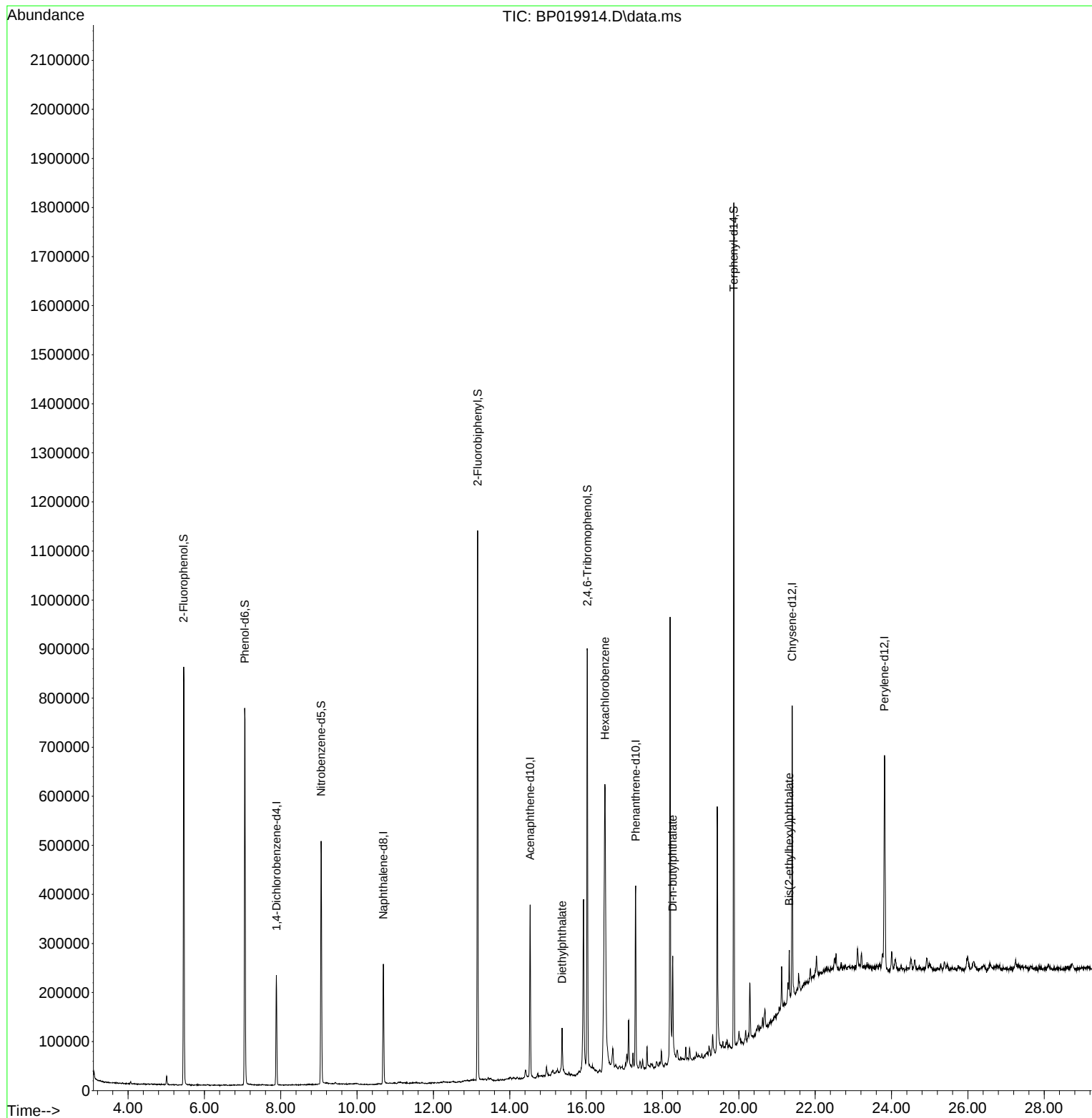
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	60314	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	201577	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	118288	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	234150	20.000	ng	0.00
76) Chrysene-d12	21.398	240	275796	20.000	ng	-0.01
86) Perylene-d12	23.816	264	386924	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	343691	93.531	ng	-0.01
7) Phenol-d6	7.058	99	432583	79.069	ng	-0.02
23) Nitrobenzene-d5	9.057	82	300204	60.124	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	187055	92.226	ng	-0.01
45) 2-Fluorobiphenyl	13.157	172	571460	65.273	ng	-0.01
79) Terphenyl-d14	19.869	244	837557	47.866	ng	-0.01
Target Compounds						
60) Diethylphthalate	15.369	149	65435	6.859	ng	99
68) Hexachlorobenzene	16.492	284	28380	9.089	ng	# 49
74) Di-n-butylphthalate	18.269	149	164838	11.664	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	38755	3.563	ng	99

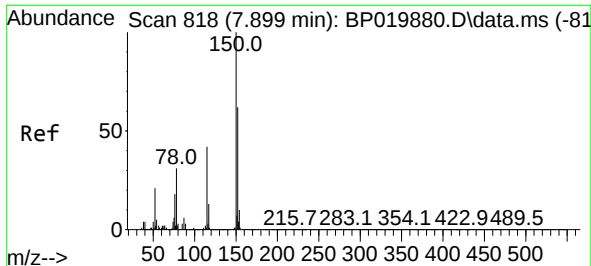
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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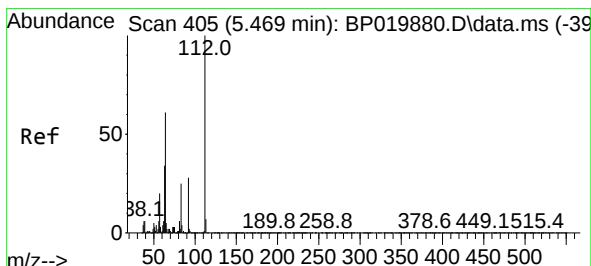
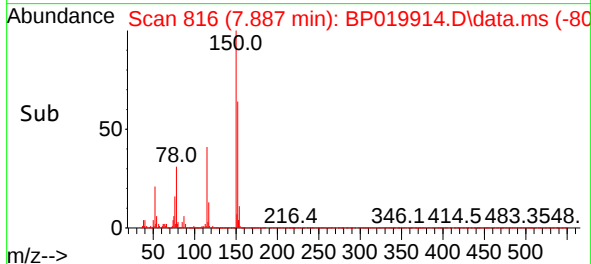
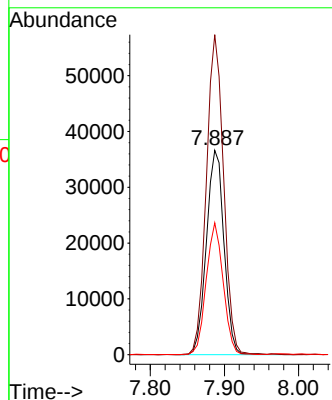
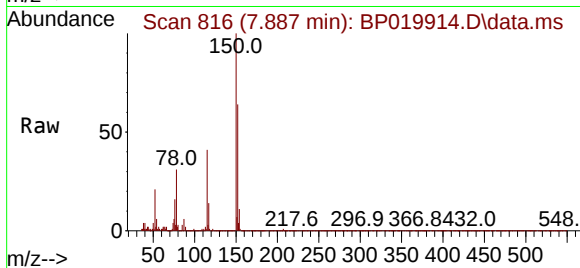




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

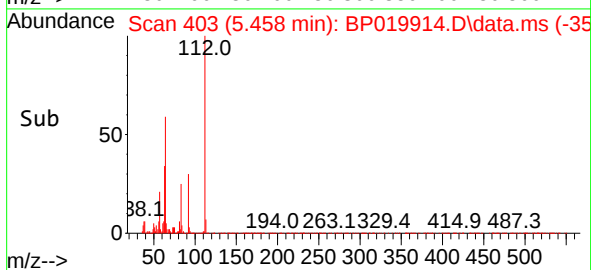
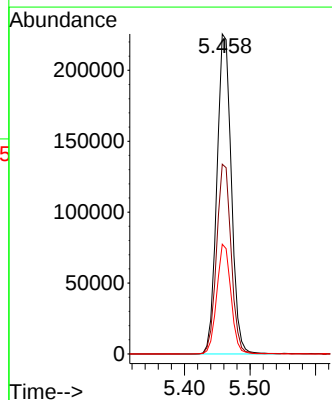
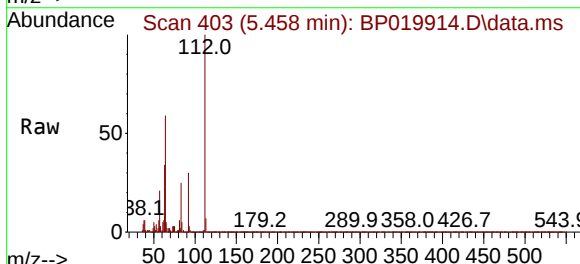
Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

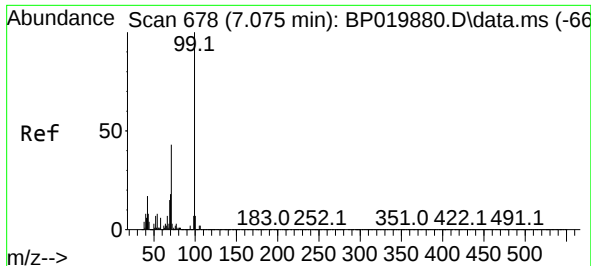
Tgt Ion:152 Resp: 60314
Ion Ratio Lower Upper
152 100
150 156.6 128.6 192.8
115 64.5 53.4 80.2



#5
2-Fluorophenol
Concen: 93.531 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.012 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

Tgt Ion:112 Resp: 343691
Ion Ratio Lower Upper
112 100
64 59.3 49.0 73.6
63 34.3 27.6 41.4

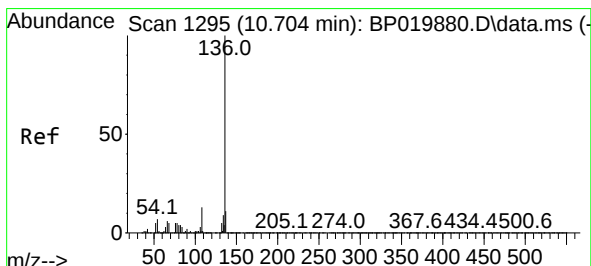
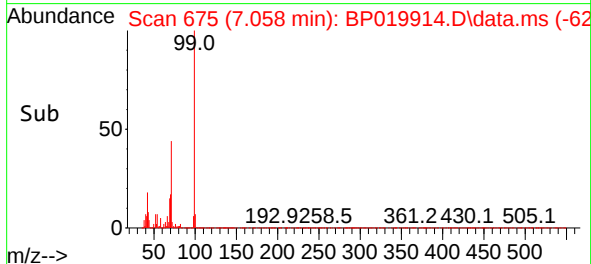
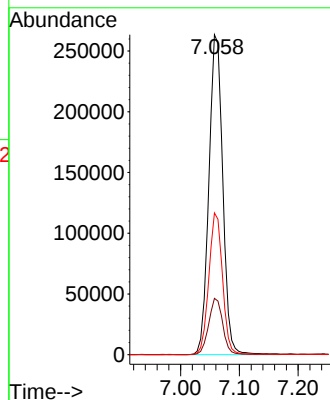
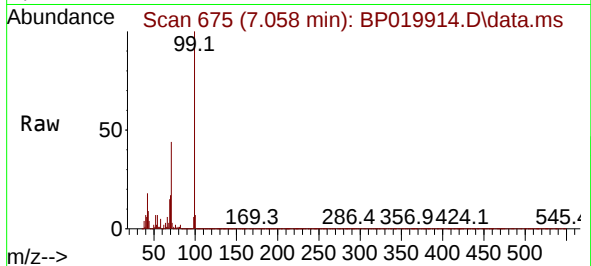




#7
Phenol-d6
Concen: 79.069 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

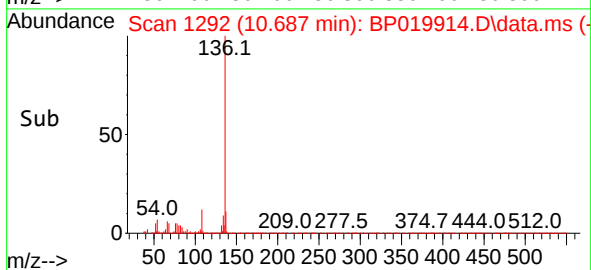
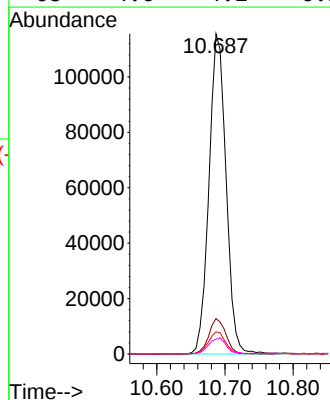
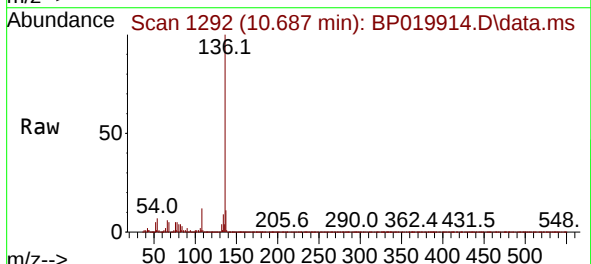
Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

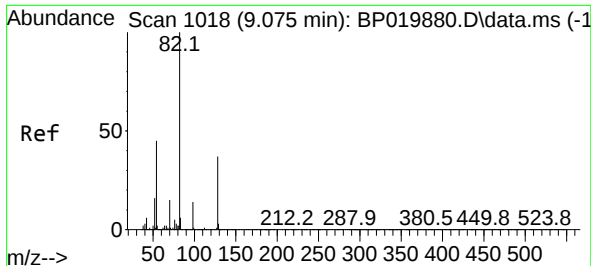
Tgt Ion: 99 Resp: 432583
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 44.3 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

Tgt Ion: 136 Resp: 201577
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.9 6.0 9.0
68 4.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 60.124 ng

RT: 9.057 min Scan# 1015

Delta R.T. -0.018 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

Instrument :

BNA_P

ClientSampleId :

20241097-COMPOSITE-35N-N-4-02

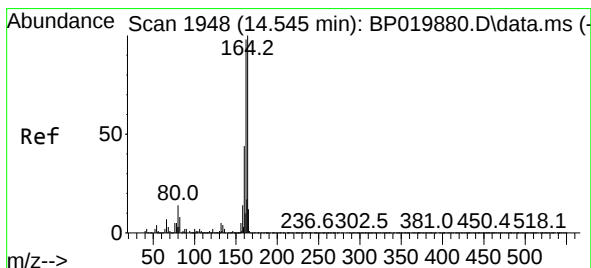
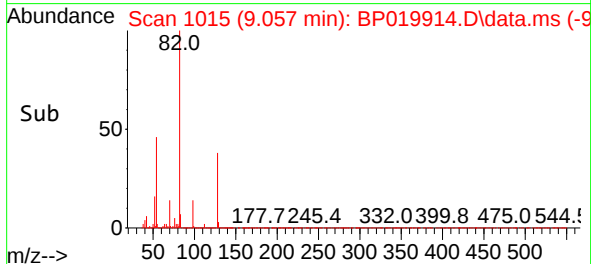
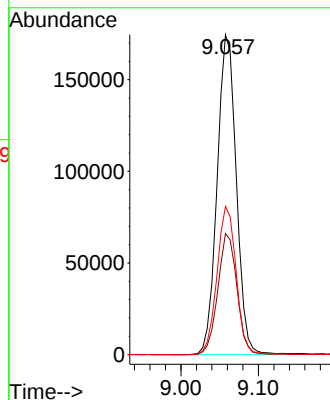
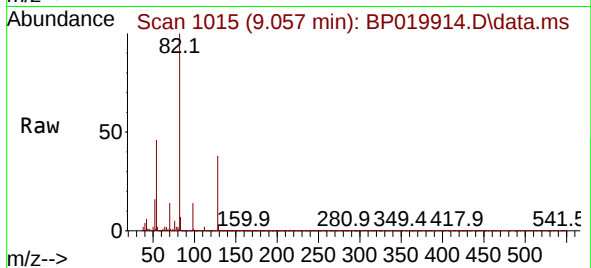
Tgt Ion: 82 Resp: 300204

Ion Ratio Lower Upper

82 100

128 37.9 29.6 44.4

54 46.4 36.3 54.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

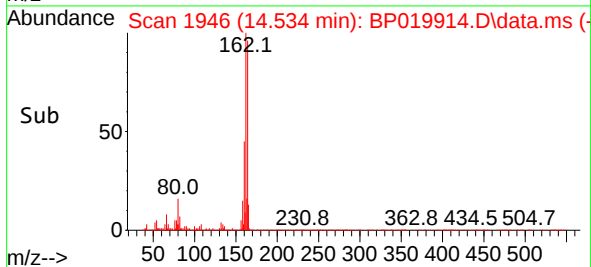
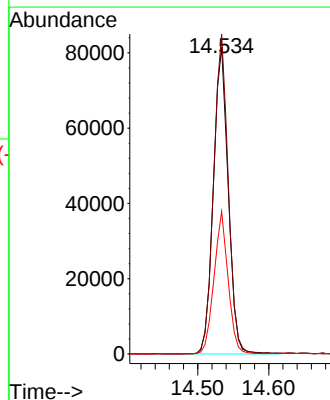
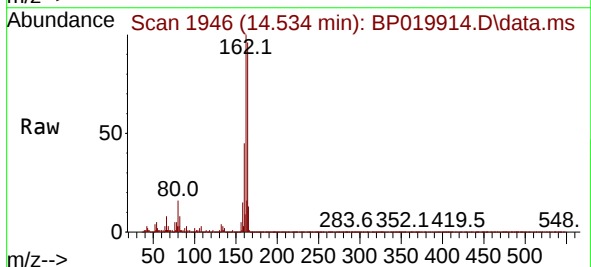
Tgt Ion: 164 Resp: 118288

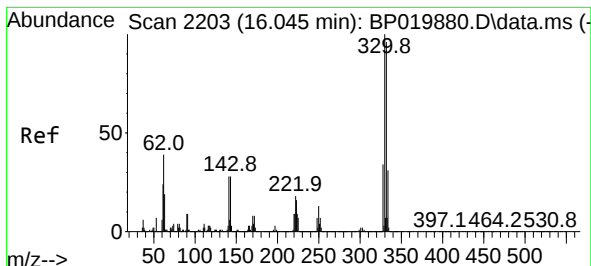
Ion Ratio Lower Upper

164 100

162 104.3 78.1 117.1

160 46.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 92.226 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

Instrument :

BNA_P

ClientSampleId :

20241097-COMPOSITE-35N-N-4-02

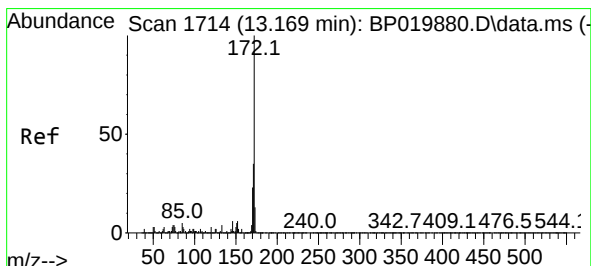
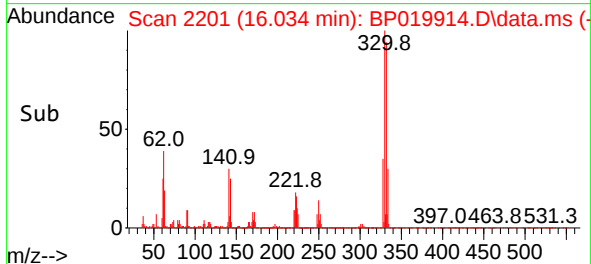
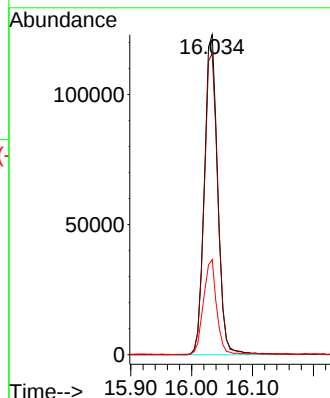
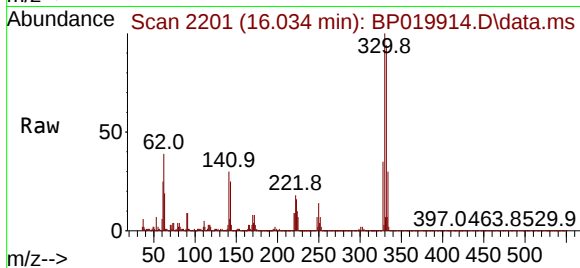
Tgt Ion:330 Resp: 187055

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

141 29.3 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 65.273 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

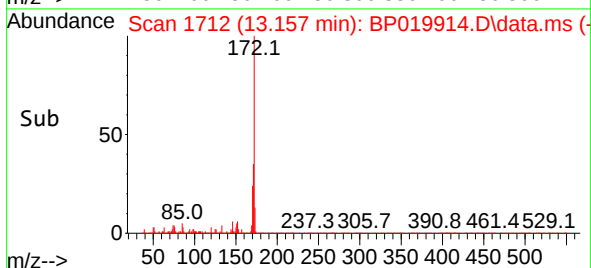
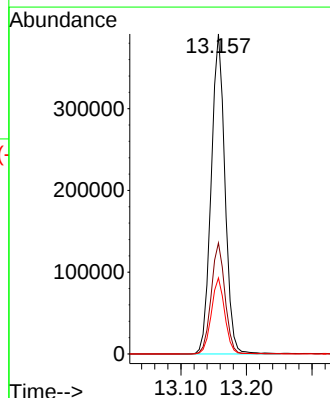
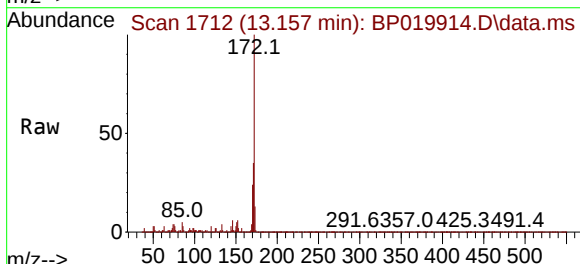
Tgt Ion:172 Resp: 571460

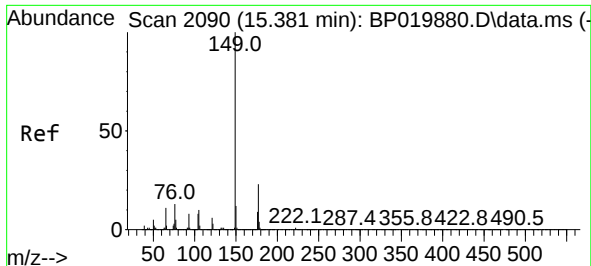
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.7 18.4 27.6

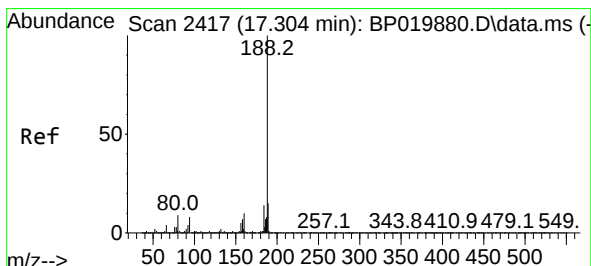
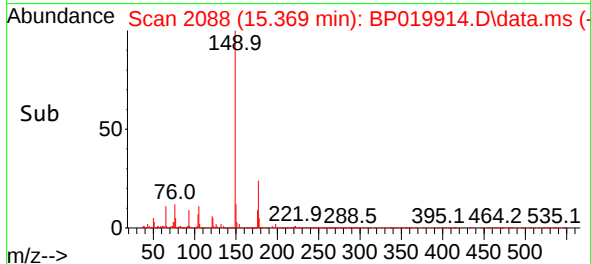
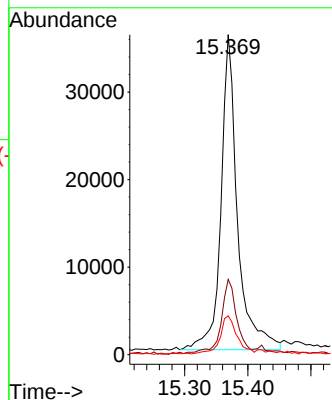
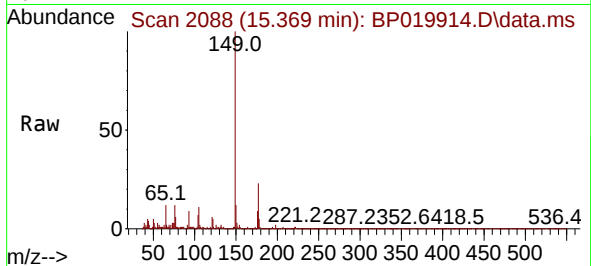




#60
Diethylphthalate
Concen: 6.859 ng
RT: 15.369 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

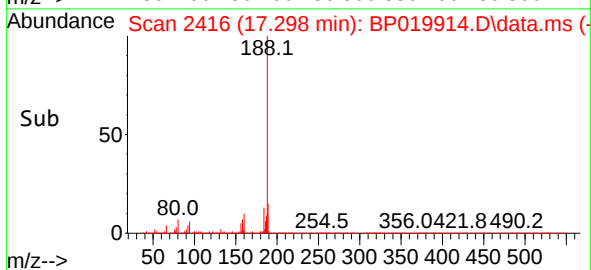
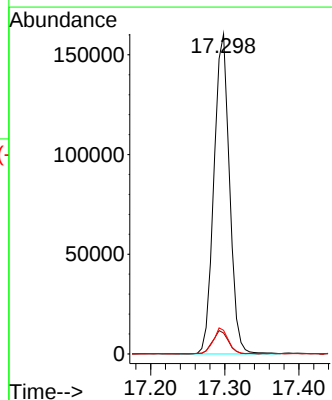
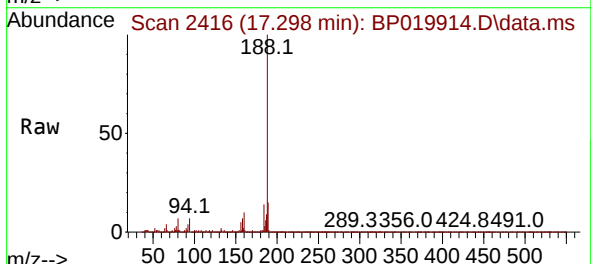
Instrument : BNA_P
ClientSampleId : 20241097-COMPOSITE-35N-N-4-02

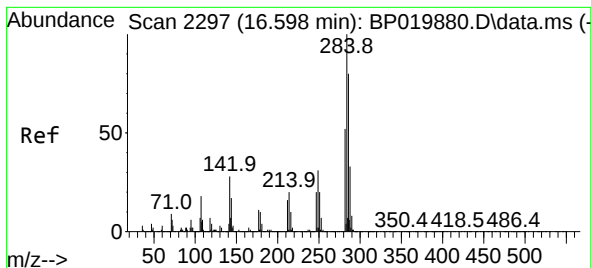
Tgt Ion:	149	Resp:	65435
Ion Ratio	Lower	Upper	
149	100		
177	23.5	18.4	27.6
150	12.1	9.9	14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

Tgt Ion:	188	Resp:	234150
Ion Ratio	Lower	Upper	
188	100		
94	6.5	6.2	9.4
80	7.4	7.0	10.4





#68

Hexachlorobenzene

Concen: 9.089 ng

RT: 16.492 min Scan# 21

Delta R.T. -0.106 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

Instrument :

BNA_P

ClientSampleId :

20241097-COMPOSITE-35N-N-4-02

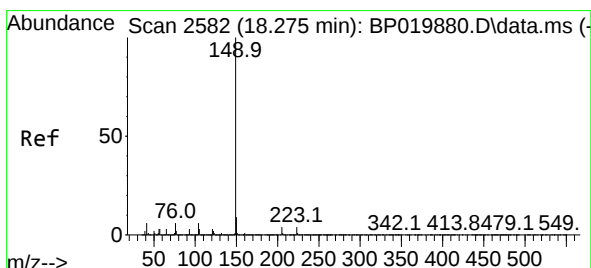
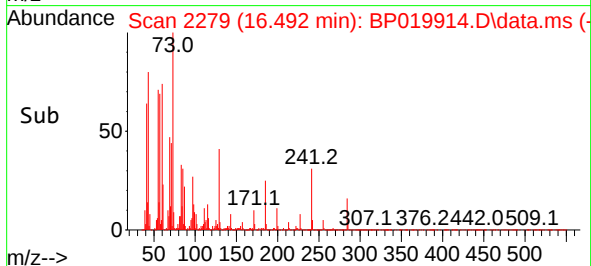
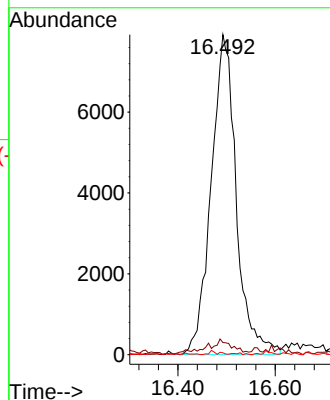
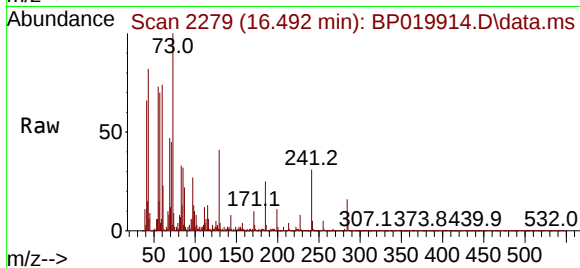
Tgt Ion:284 Resp: 28380

Ion Ratio Lower Upper

284 100

142 3.8 22.6 33.8#

249 0.6 25.2 37.8#



#74

Di-n-butylphthalate

Concen: 11.664 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BP019914.D

Acq: 28 Feb 2024 13:48

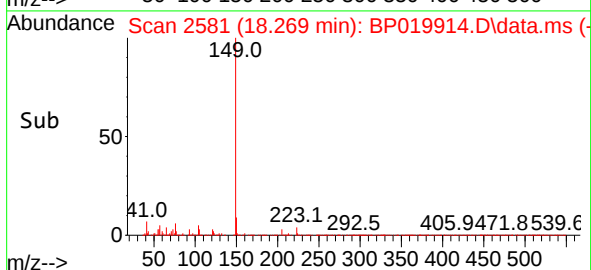
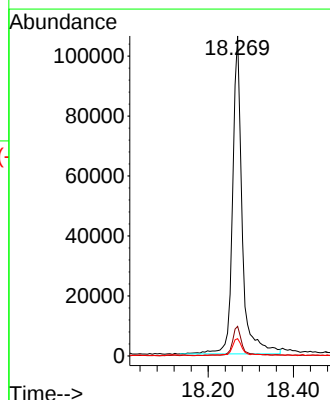
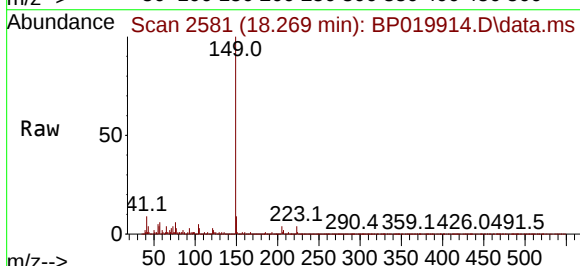
Tgt Ion:149 Resp: 164838

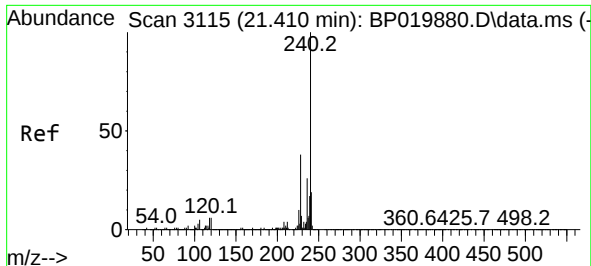
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.4 4.6 7.0

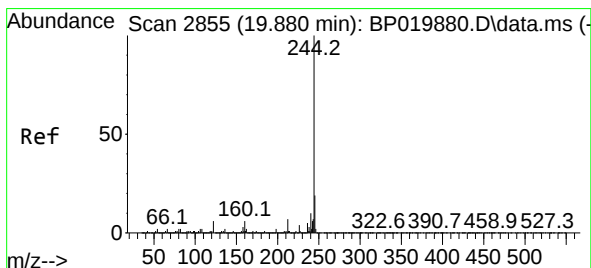
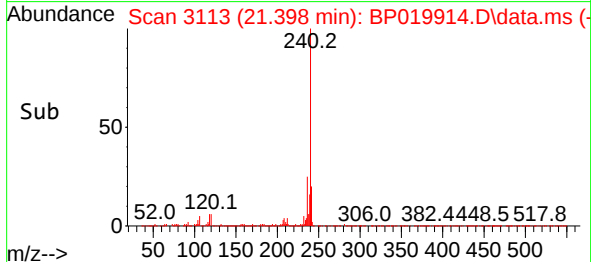
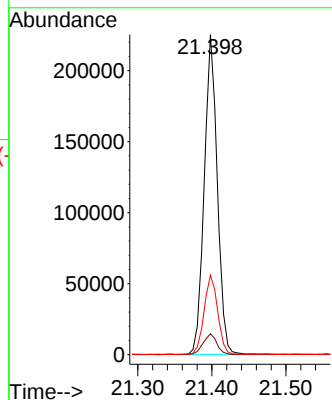
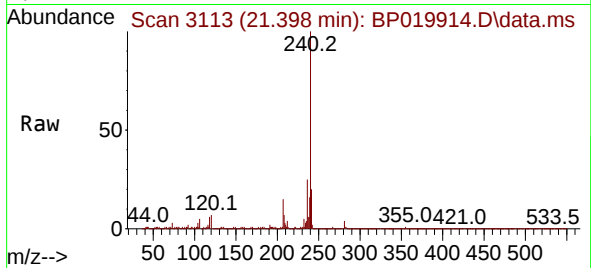




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

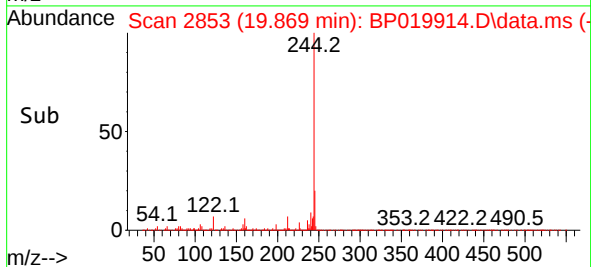
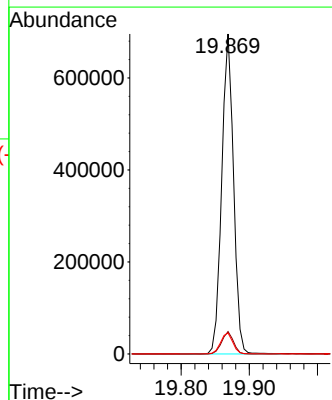
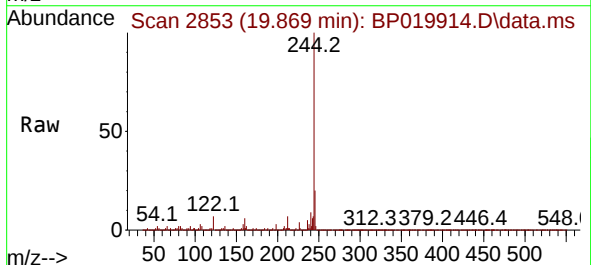
Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

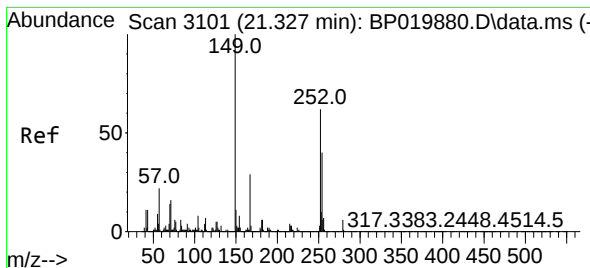
Tgt Ion:240 Resp: 275796
Ion Ratio Lower Upper
240 100
120 6.6 5.1 7.7
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 47.866 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

Tgt Ion:244 Resp: 837557
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 6.5 5.0 7.6

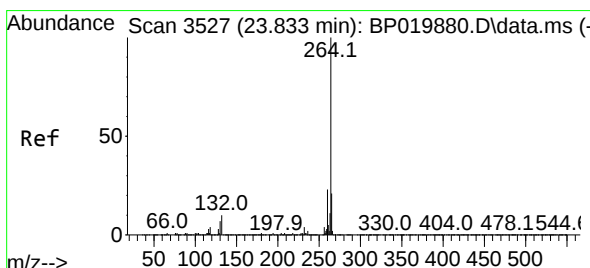
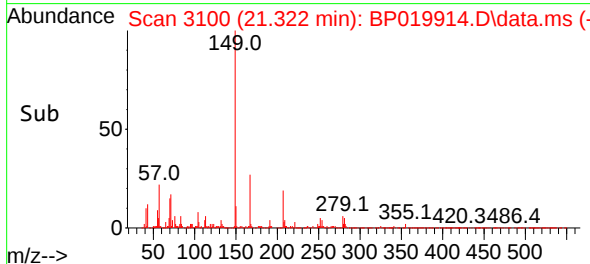
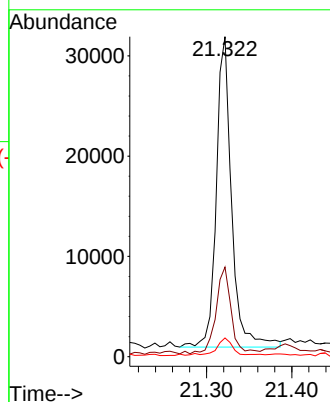
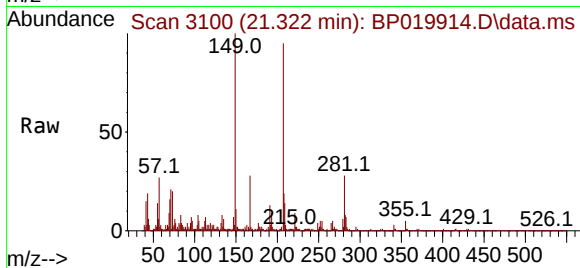




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.563 ng
RT: 21.322 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

Instrument :
BNA_P
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

Tgt Ion:	149	Resp:	38755
Ion Ratio	Lower	Upper	
149	100		
167	28.0	23.0	34.4
279	5.9	4.6	6.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.816 min Scan# 3524
Delta R.T. -0.018 min
Lab File: BP019914.D
Acq: 28 Feb 2024 13:48

Tgt Ion:	264	Resp:	386924
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	22.3	17.4	26.2

