

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008485.D
 Acq On : 17 Dec 2021 22:58
 Operator : CG/JU
 Sample : M5098-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:18:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

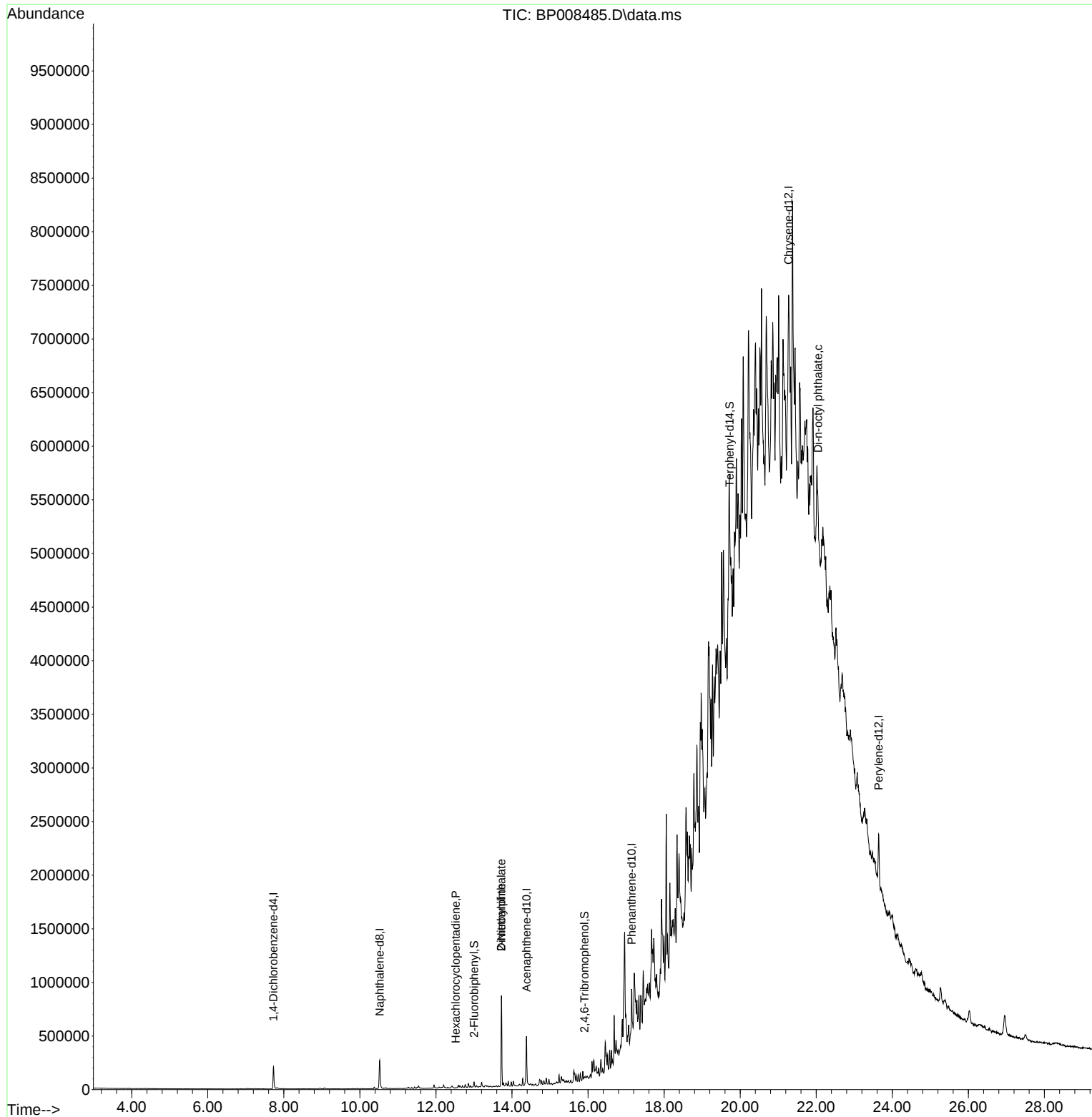
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	61608	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	231700	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	154280	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	316771	20.000	ng	-0.02
76) Chrysene-d12	21.269	240	387251	20.000	ng	0.00
86) Perylene-d12	23.645	264	404329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	17	0.004	ng	0.02
7) Phenol-d6	7.010	99	5032	0.960	ng	0.07
23) Nitrobenzene-d5	8.940	82	4899	0.896	ng	0.03
42) 2,4,6-Tribromophenol	15.910	330	7327	3.232	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	28253	2.328	ng	-0.01
79) Terphenyl-d14	19.727	244	57391	2.579	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	41	Below Cal	#	1
9) Benzaldehyde	6.875	77	19	Below Cal	#	64
41) Hexachlorocyclopentadiene	12.522	237	7	8.656	ng	82
48) 2-Nitroaniline	13.722	65	9551	2.987	ng	# 35
50) Dimethylphthalate	13.722	163	52046	4.456	ng	# 92
85) Di-n-octyl phthalate	22.045	149	81662	3.334	ng	# 76

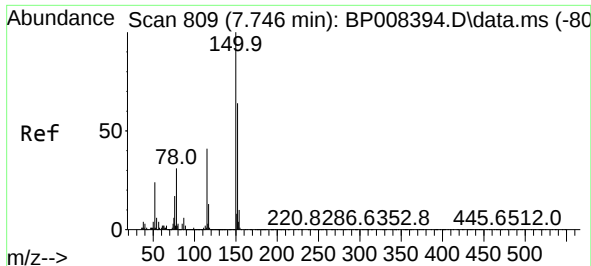
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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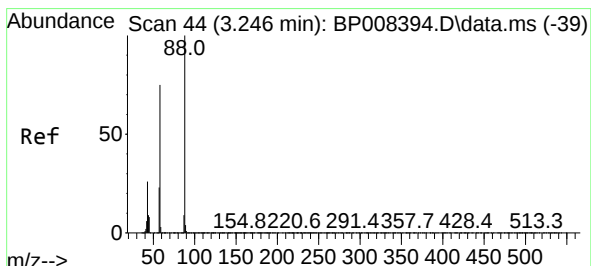
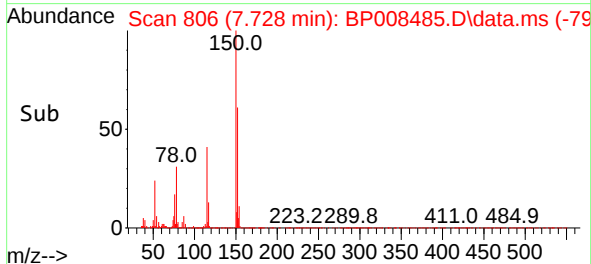
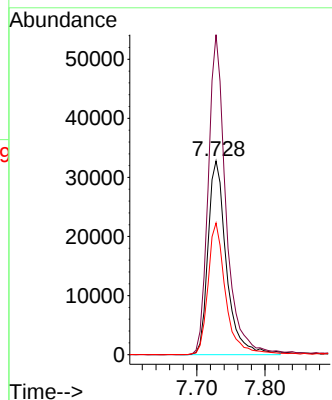
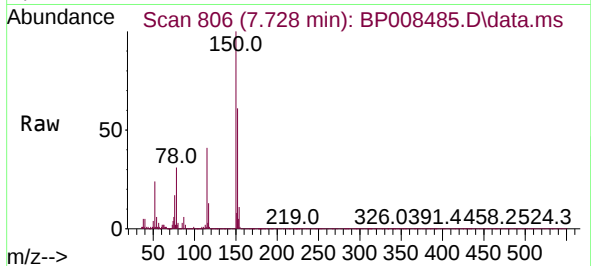




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BP008485.D
 Acq: 17 Dec 2021 22:58

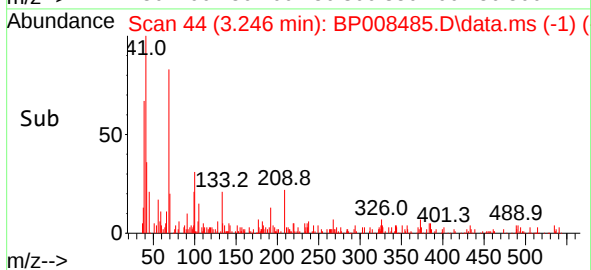
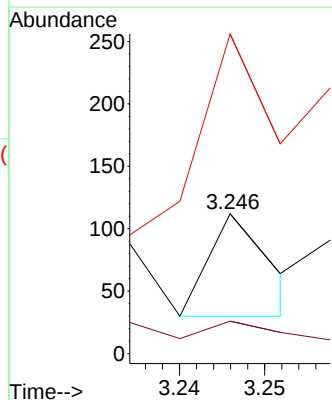
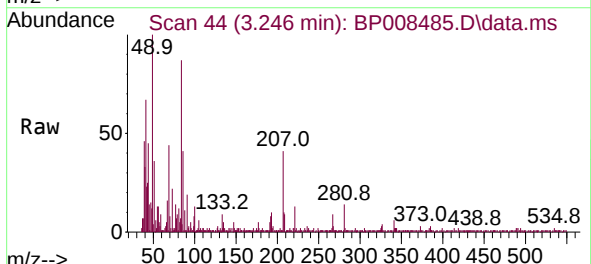
Instrument :
 BNA_P
 ClientSampleId :

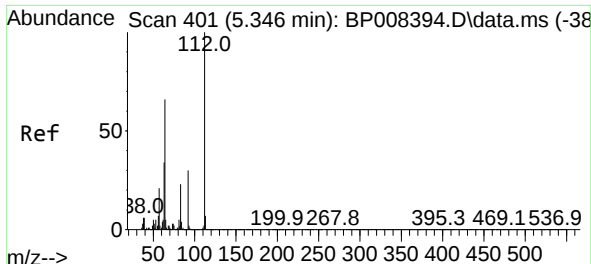
Tgt Ion:152 Resp: 61608
 Ion Ratio Lower Upper
 152 100
 150 165.2 125.7 188.5
 115 68.0 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.246 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BP008485.D
 Acq: 17 Dec 2021 22:58

Tgt Ion: 88 Resp: 41
 Ion Ratio Lower Upper
 88 100
 58 39.0 63.5 95.3#
 43 378.0 23.4 35.2#

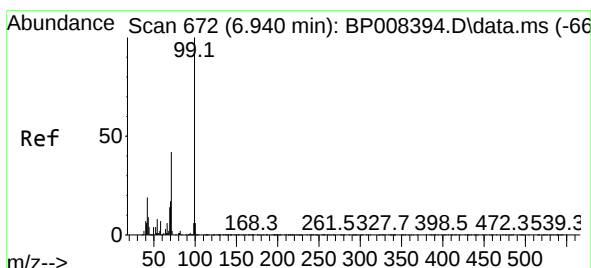
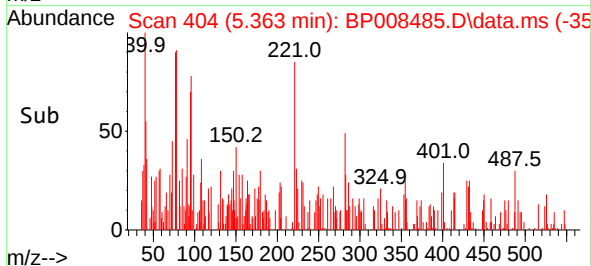
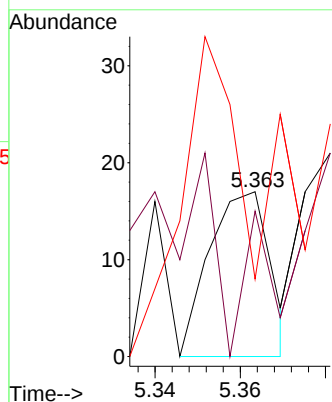
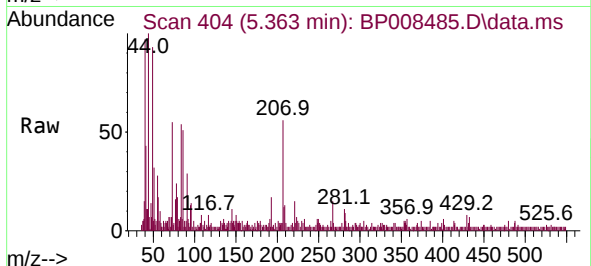




#5
2-Fluorophenol
Concen: 0.004 ng
RT: 5.363 min Scan# 401
Delta R.T. 0.018 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

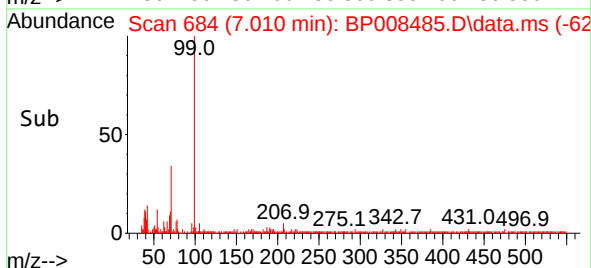
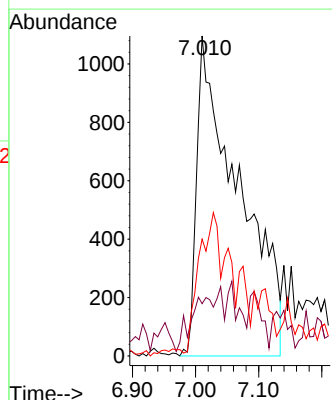
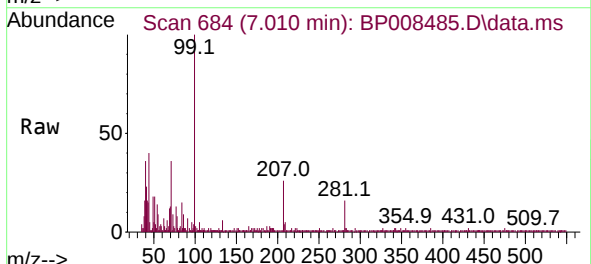
Instrument :
BNA_P
ClientSampleId :

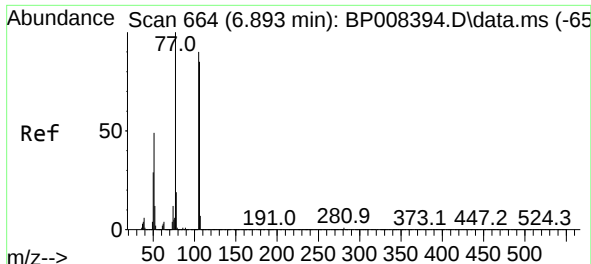
Tgt Ion: 112 Resp: 17
Ion Ratio Lower Upper
112 100
64 88.2 53.4 80.2#
63 47.1 27.8 41.8#



#7
Phenol-d6
Concen: 0.960 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.071 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

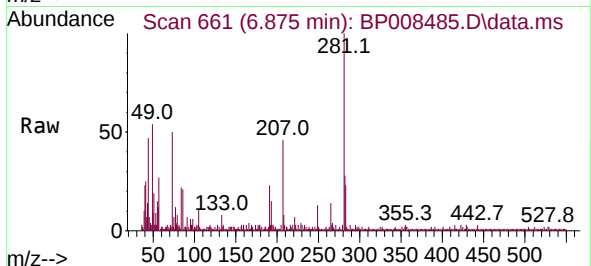
Tgt Ion: 99 Resp: 5032
Ion Ratio Lower Upper
99 100
42 16.3 14.6 22.0
71 36.5 31.1 46.7



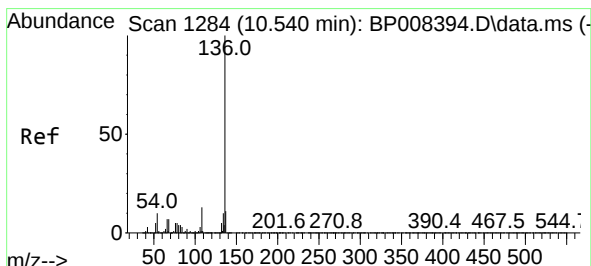
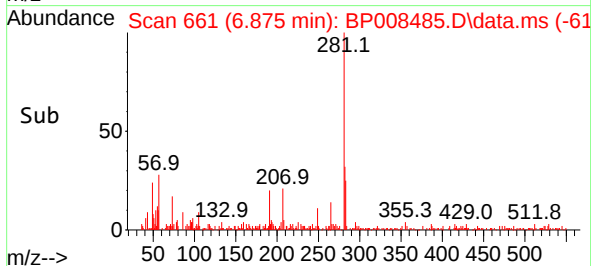
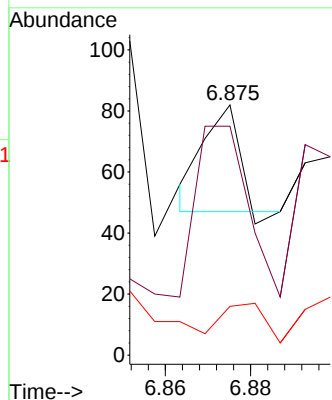


#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

Instrument :
BNA_P
ClientSampleId :

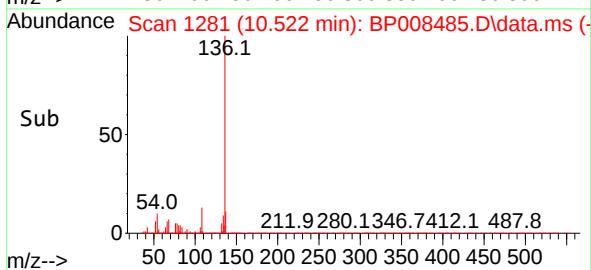
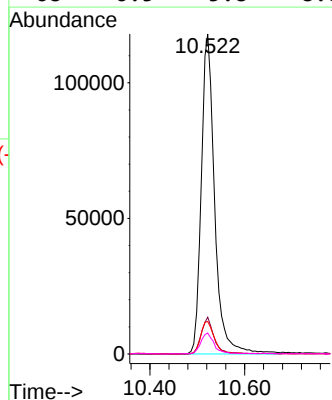
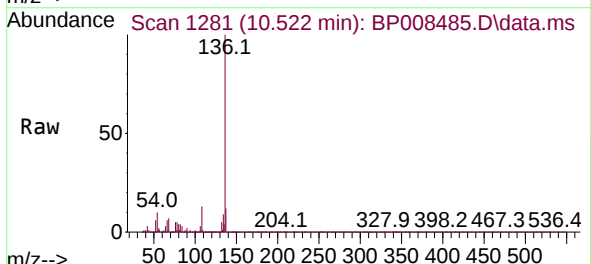


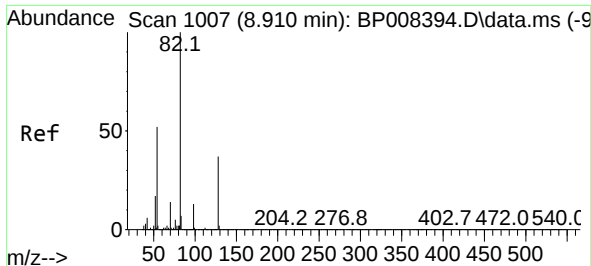
Tgt Ion: 77 Resp: 19
Ion Ratio Lower Upper
77 100
105 91.5 71.8 111.8
106 19.5 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

Tgt Ion:136 Resp: 231700
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.2 8.2 12.4
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 0.896 ng

RT: 8.940 min Scan# 10

Delta R.T. 0.029 min

Lab File: BP008485.D

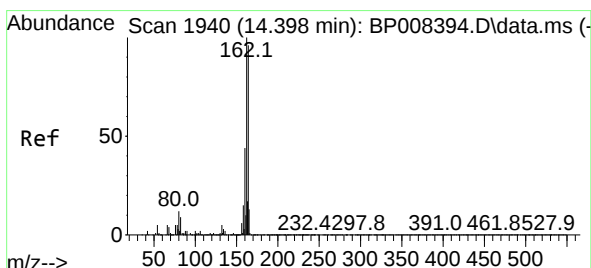
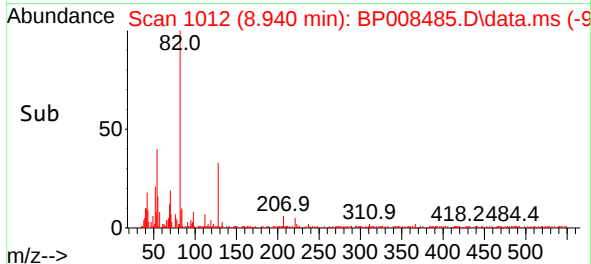
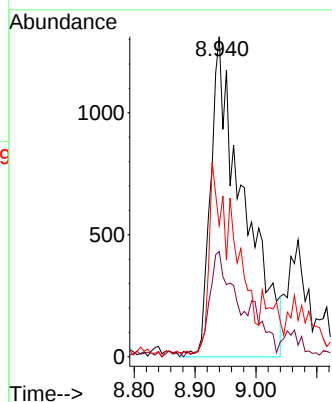
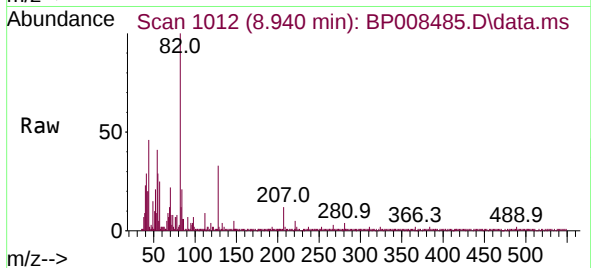
Acq: 17 Dec 2021 22:58

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 82	Resp: 4899
Ion Ratio	Lower Upper
82	100
128	32.9 29.6 44.4
54	41.1 42.7 64.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

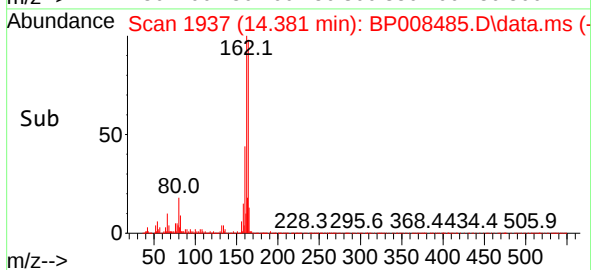
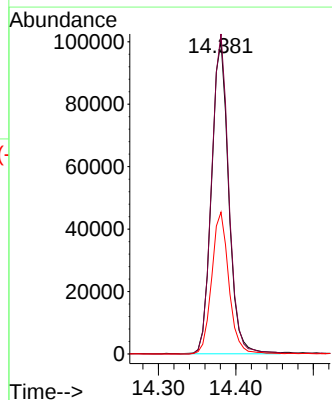
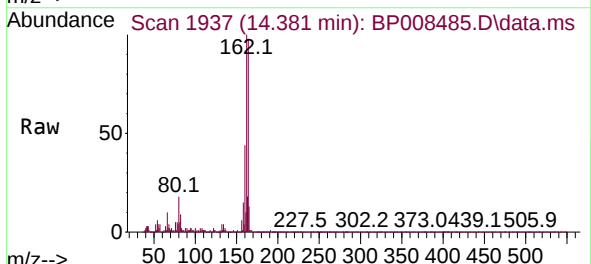
RT: 14.381 min Scan# 1937

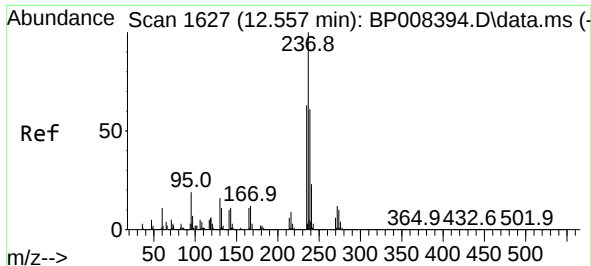
Delta R.T. -0.017 min

Lab File: BP008485.D

Acq: 17 Dec 2021 22:58

Tgt Ion: 164	Resp: 154280
Ion Ratio	Lower Upper
164	100
162	102.3 81.9 122.9
160	45.3 35.4 53.0

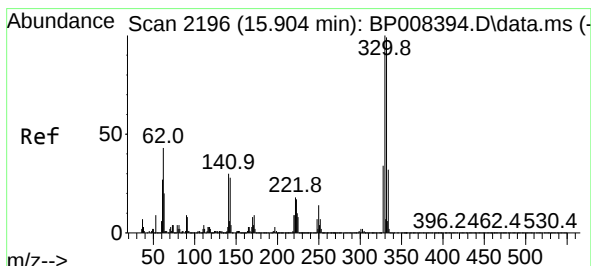
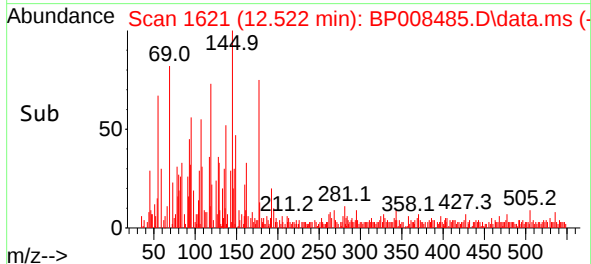
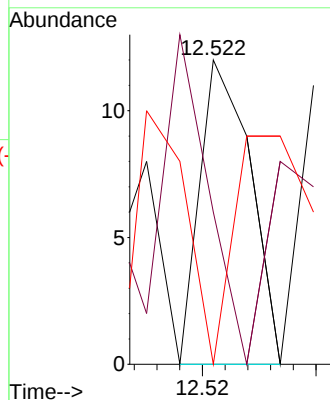
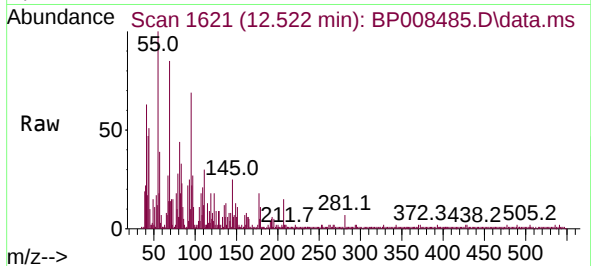




#41
Hexachlorocyclopentadiene
Concen: 8.656 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

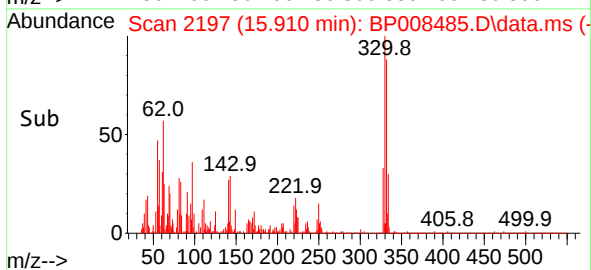
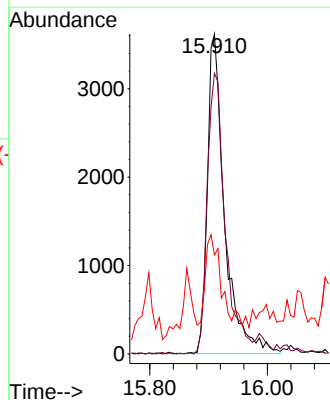
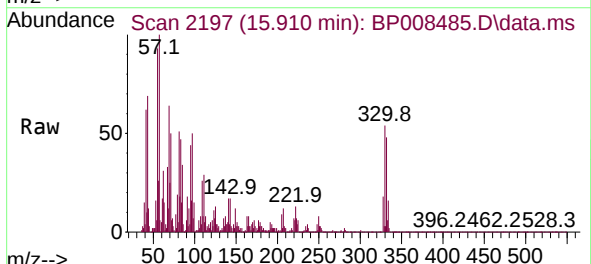
Instrument :
BNA_P
ClientSampleId :

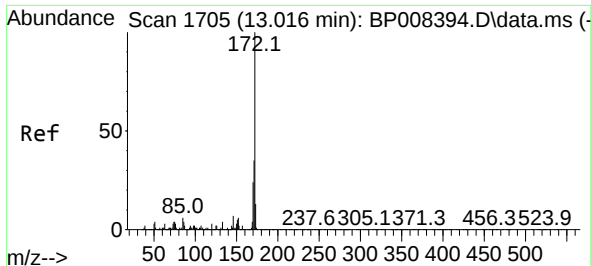
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 3.232 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

Tgt Ion:	330	Resp:	7327
Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.4
141	23.5	28.4	42.6

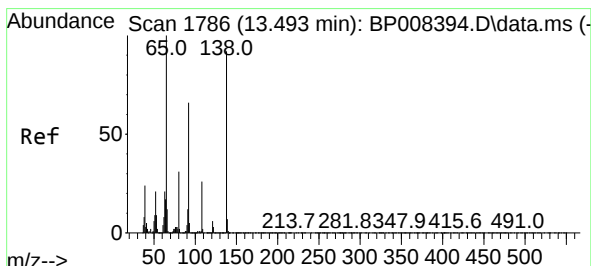
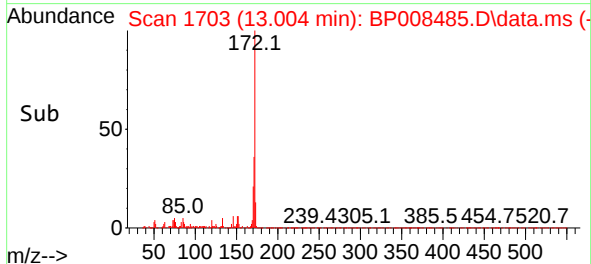
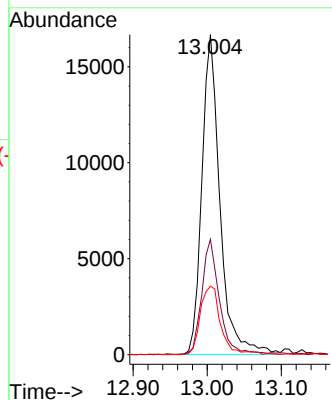
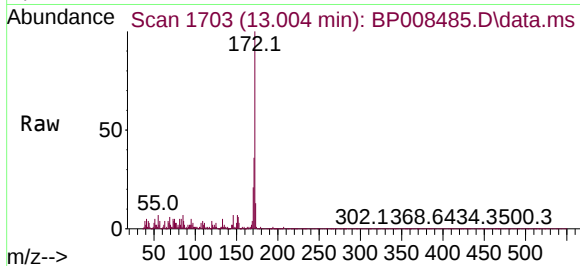




#45
2-Fluorobiphenyl
Concen: 2.328 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

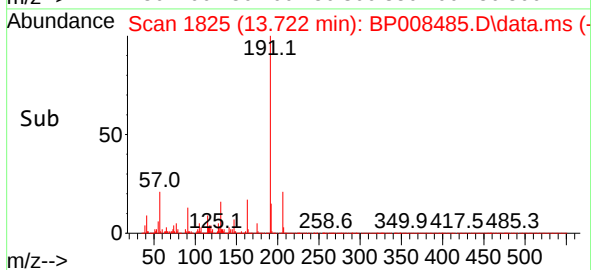
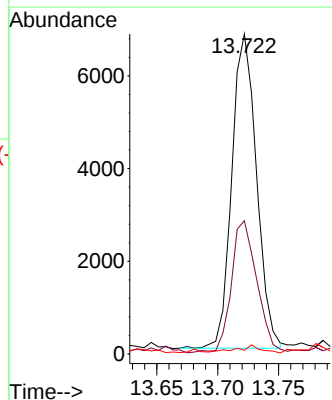
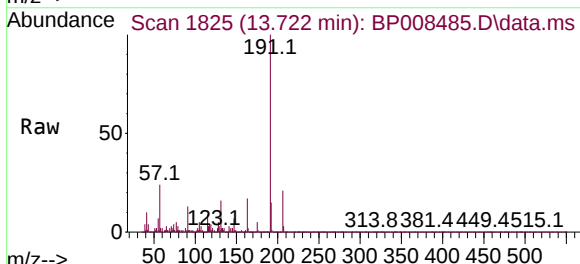
Instrument :
BNA_P
ClientSampleId :

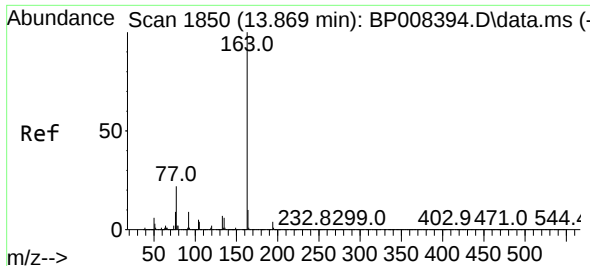
Tgt Ion:172 Resp: 28253
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 21.4 18.9 28.3



#48
2-Nitroaniline
Concen: 2.987 ng
RT: 13.722 min Scan# 1825
Delta R.T. 0.229 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

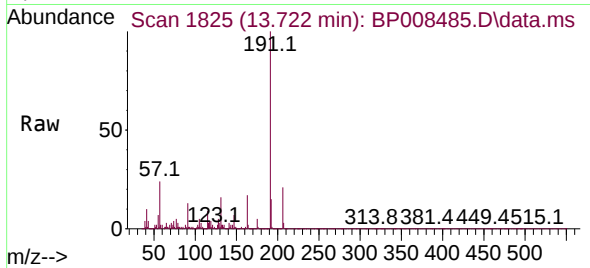
Tgt Ion: 65 Resp: 9551
Ion Ratio Lower Upper
65 100
92 41.6 50.6 75.8#
138 1.2 68.7 103.1#



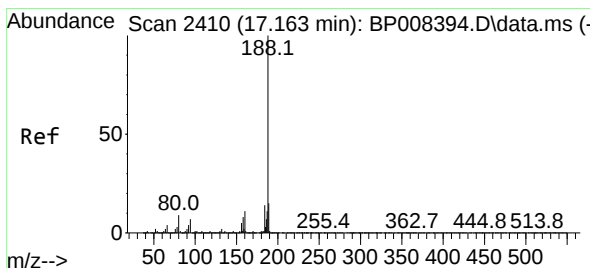
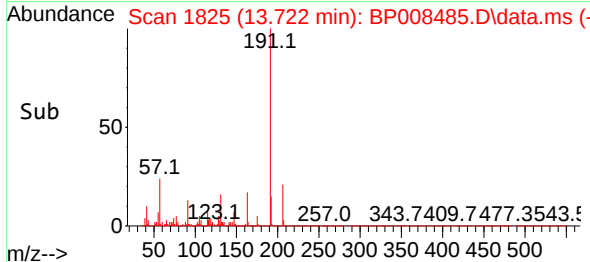
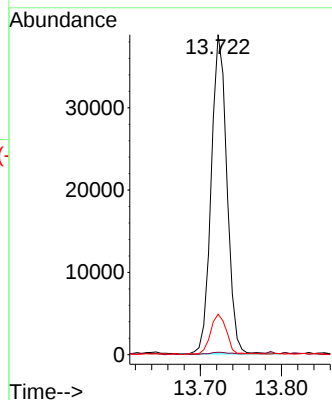


#50
Dimethylphthalate
Concen: 4.456 ng
RT: 13.722 min Scan# 1825
Delta R.T. -0.147 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

Instrument :
BNA_P
ClientSampleId :

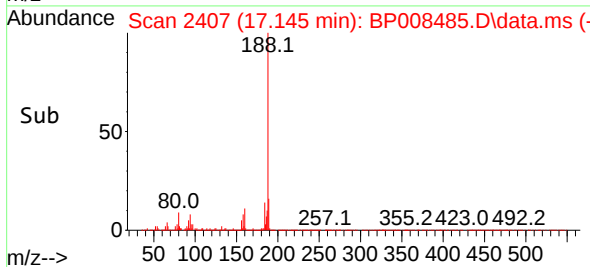
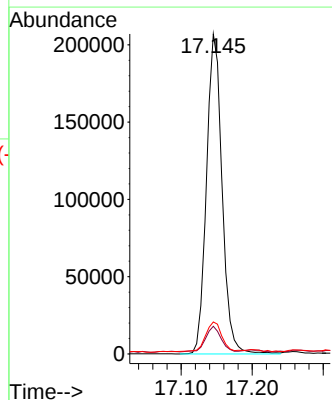
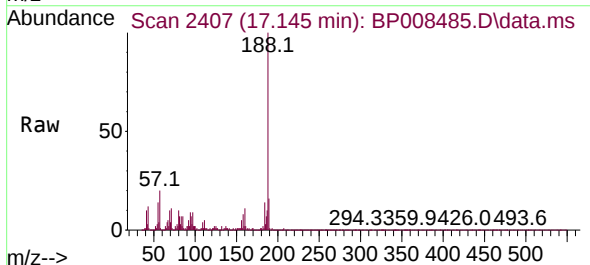


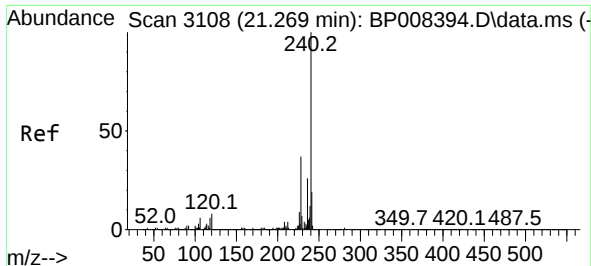
Tgt Ion:163 Resp: 52046
Ion Ratio Lower Upper
163 100
194 0.8 3.4 5.2#
164 12.6 8.2 12.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.018 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

Tgt Ion:188 Resp: 316771
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.0 8.2 12.4

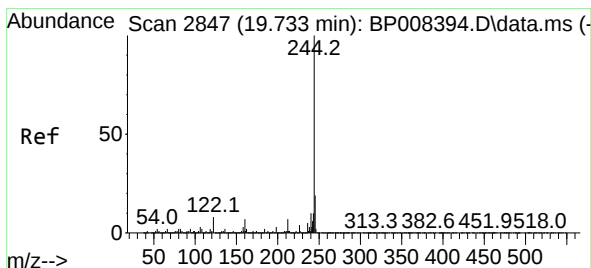
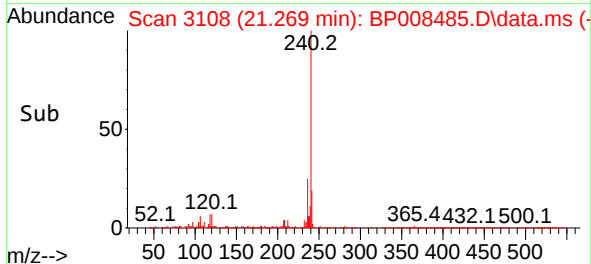
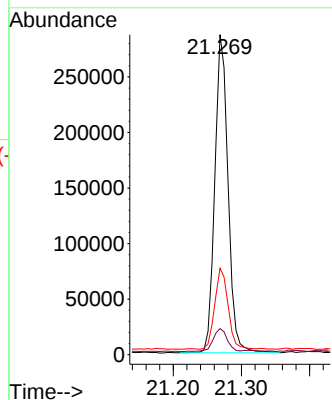
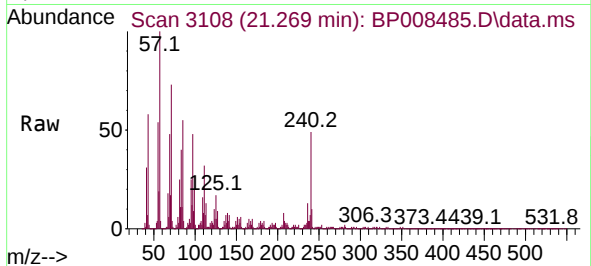




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

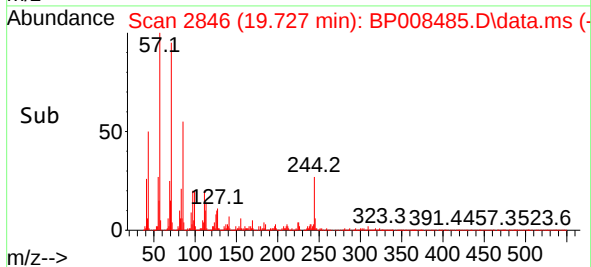
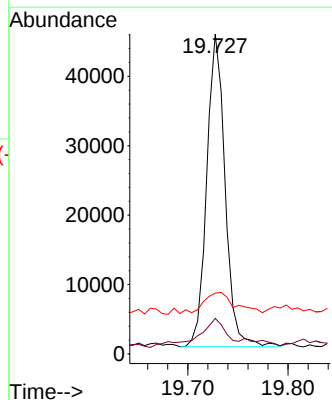
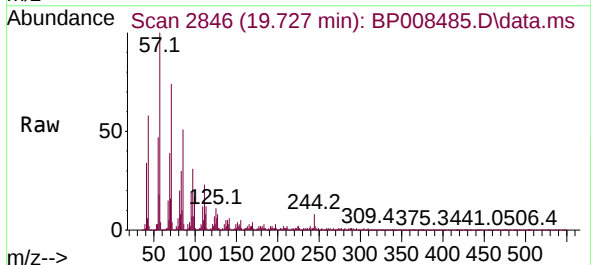
Instrument :
BNA_P
ClientSampleId :

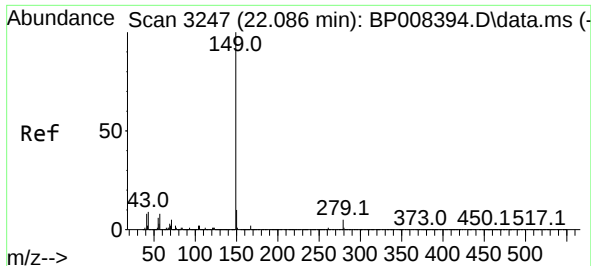
Tgt Ion:	240	Resp:	387251
Ion Ratio	Lower	Upper	
240	100		
120	8.2	7.3	10.9
236	27.0	21.4	32.2



#79
Terphenyl-d14
Concen: 2.579 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

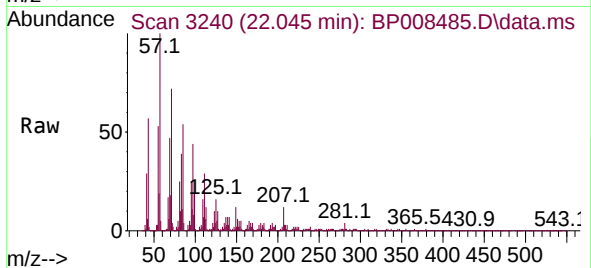
Tgt Ion:	244	Resp:	57391
Ion Ratio	Lower	Upper	
244	100		
212	11.1	6.0	9.0#
122	19.0	6.6	9.8#



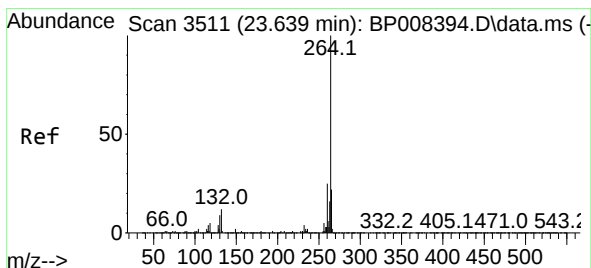
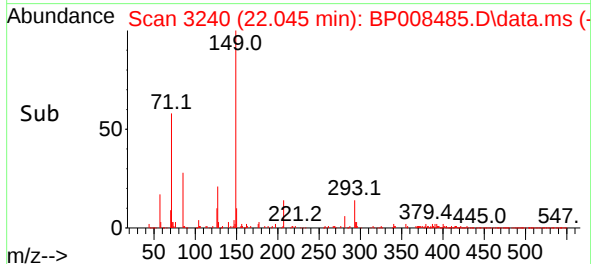
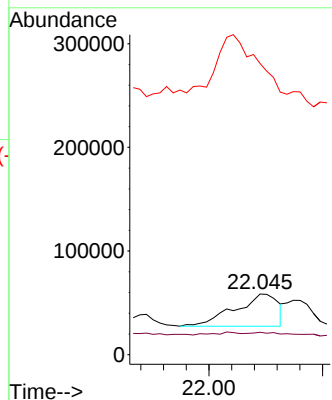


#85
Di-n-octyl phthalate
Concen: 3.334 ng
RT: 22.045 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:149 Resp: 81662
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.9 11.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.645 min Scan# 3512
Delta R.T. 0.006 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

Tgt Ion:264 Resp: 404329
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 22.5 17.6 26.4

