

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008407.D
 Acq On : 14 Dec 2021 23:02
 Operator : CG/JU
 Sample : M5076-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-G

Quant Time: Dec 15 02:01:09 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)

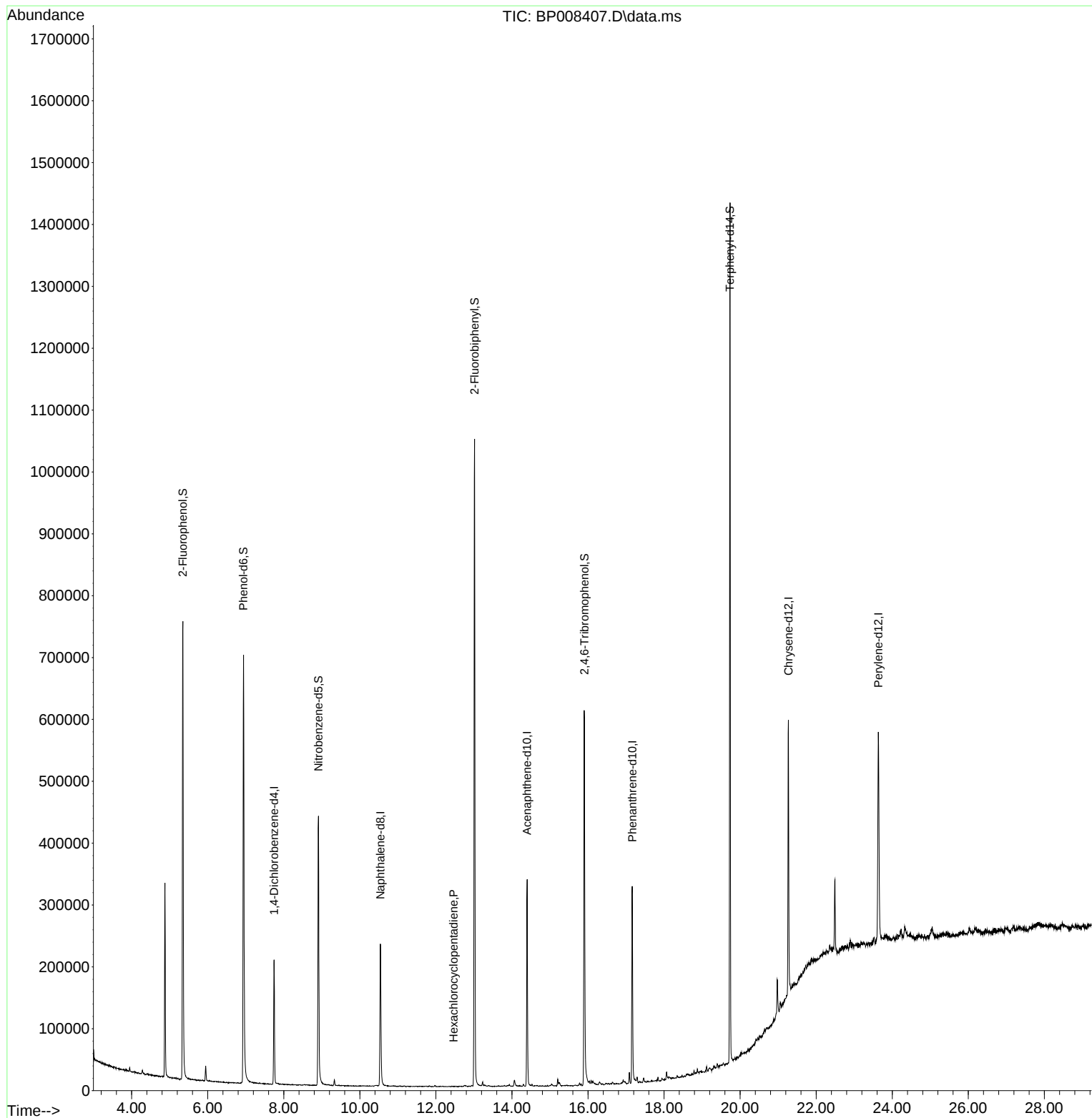
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	53728	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	196264	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	118482	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	217088	20.000	ng	0.00
76) Chrysene-d12	21.269	240	237409	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	282413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	316294	92.969	ng	0.00
7) Phenol-d6	6.940	99	411539	90.066	ng	0.00
23) Nitrobenzene-d5	8.910	82	279322	60.293	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	133996	76.957	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	545405	58.517	ng	0.00
79) Terphenyl-d14	19.733	244	659930	48.378	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.252	88	21	Below Cal	#	1
9) Benzaldehyde	6.881	77	89	Below Cal	#	34
41) Hexachlorocyclopentadiene	12.463	237	9	8.658	ng	75

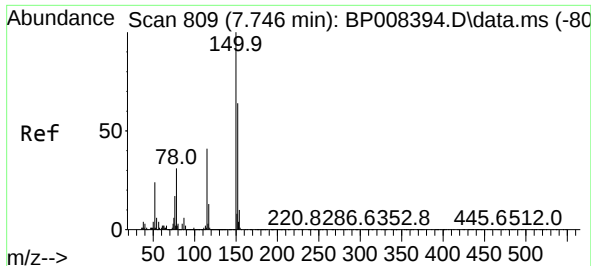
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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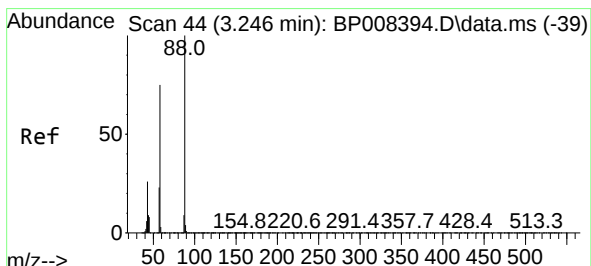
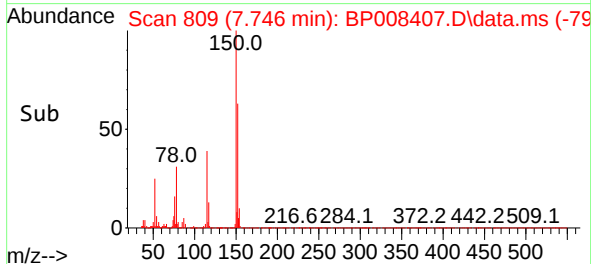
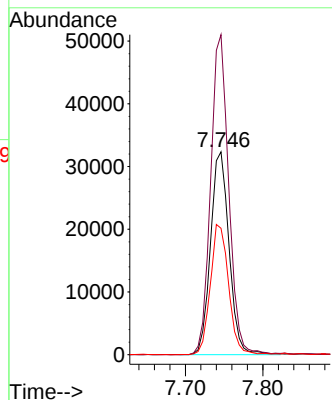
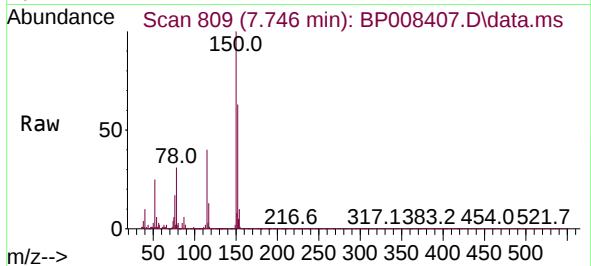




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

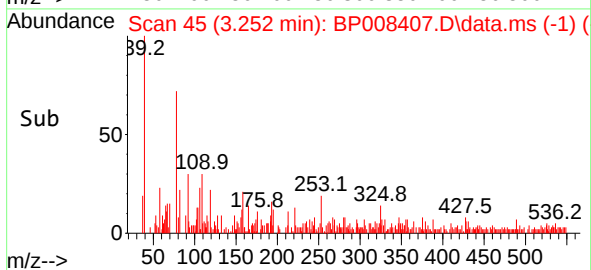
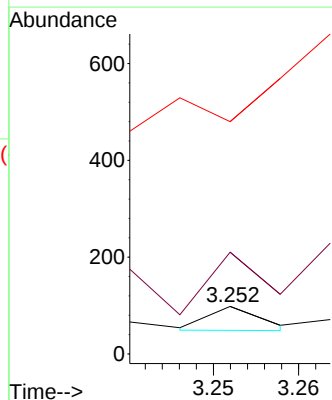
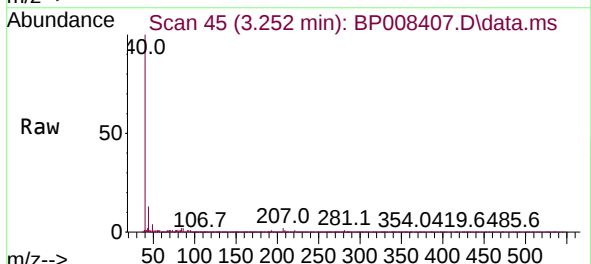
Instrument :
BNA_P
ClientSampleId :
SB-11-G

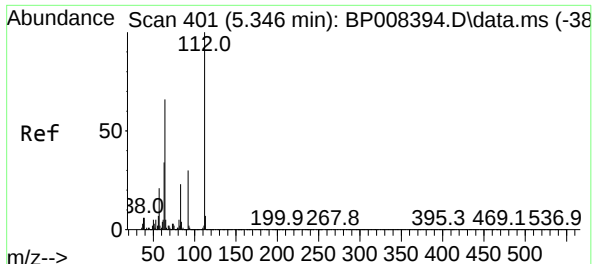
Tgt Ion:152 Resp: 53728
Ion Ratio Lower Upper
152 100
150 157.8 125.7 188.5
115 62.3 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.252 min Scan# 45
Delta R.T. 0.006 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
58 719.0 63.5 95.3#
43 1238.1 23.4 35.2#

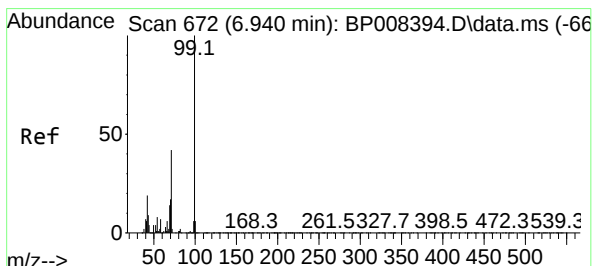
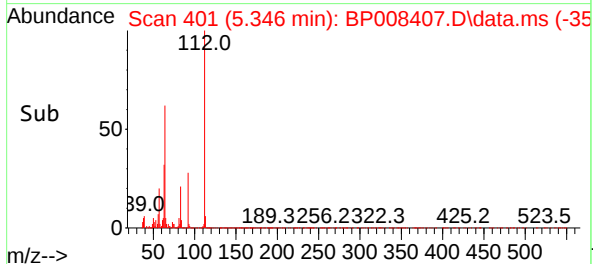
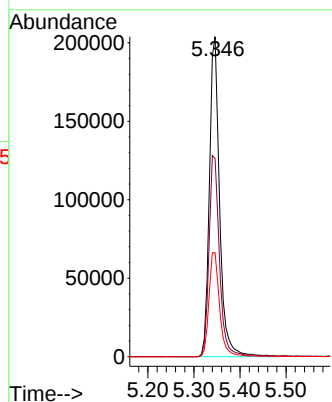
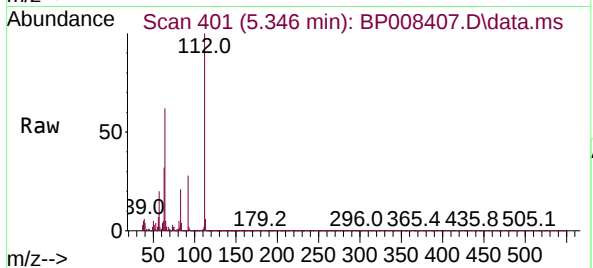




#5
2-Fluorophenol
Concen: 92.969 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

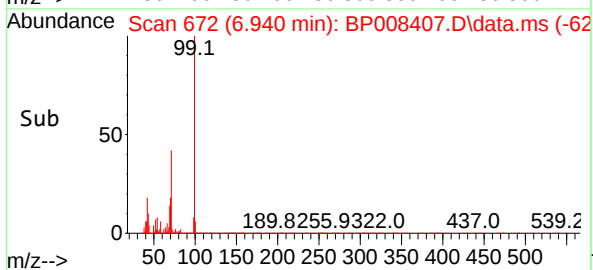
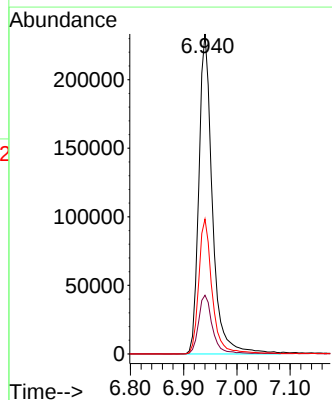
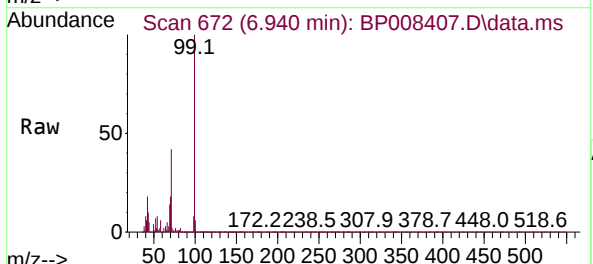
Instrument :
BNA_P
ClientSampleId :
SB-11-G

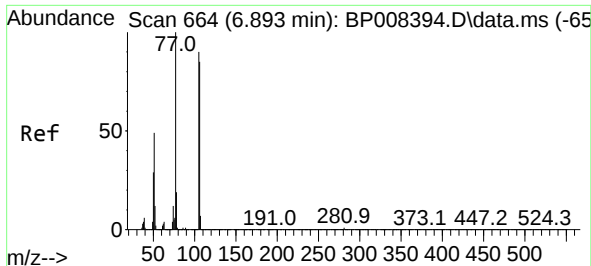
Tgt Ion: 112 Resp: 316294
Ion Ratio Lower Upper
112 100
64 62.0 53.4 80.2
63 32.5 27.8 41.8



#7
Phenol-d6
Concen: 90.066 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

Tgt Ion: 99 Resp: 411539
Ion Ratio Lower Upper
99 100
42 18.3 14.6 22.0
71 42.2 31.1 46.7

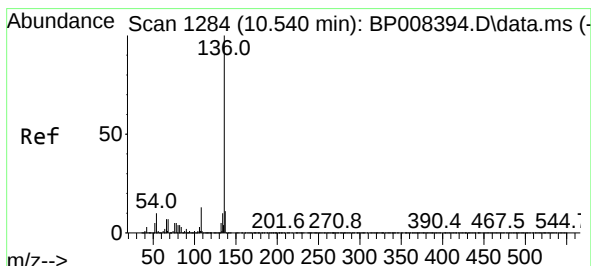
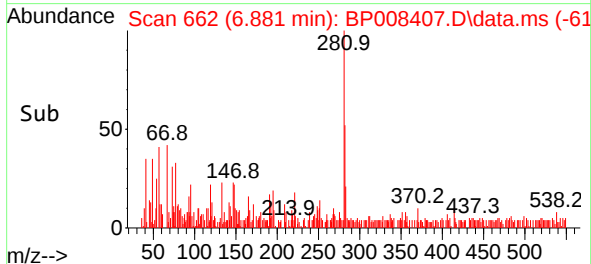
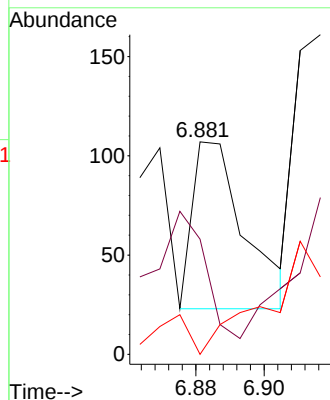
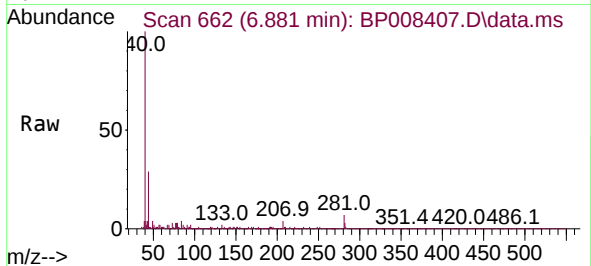




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

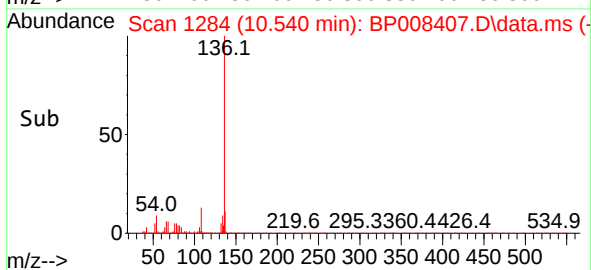
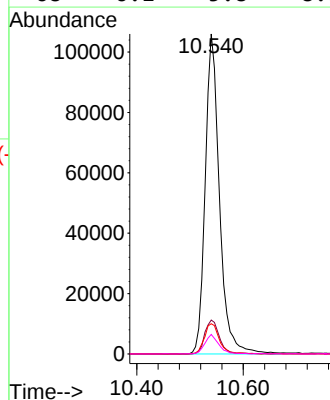
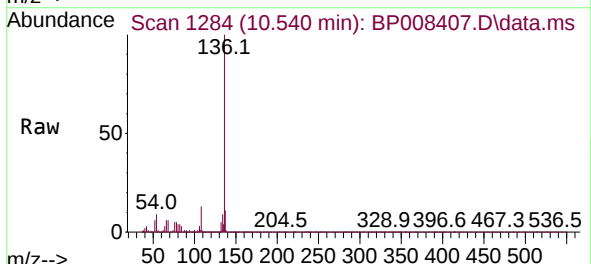
Instrument :
BNA_P
ClientSampleId :
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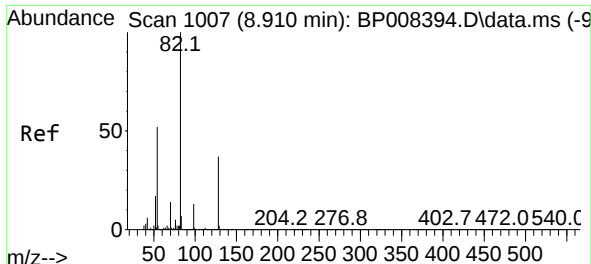
Tgt Ion: 77 Resp: 89
Ion Ratio Lower Upper
77 100
105 54.2 71.8 111.8#
106 0.0 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

Tgt Ion:136 Resp: 196264
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.5 8.2 12.4
68 6.1 5.8 8.8





#23

Nitrobenzene-d5

Concen: 60.293 ng

RT: 8.910 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BP008407.D

Acq: 14 Dec 2021 23:02

Instrument :

BNA_P

ClientSampleId :

SB-11-G

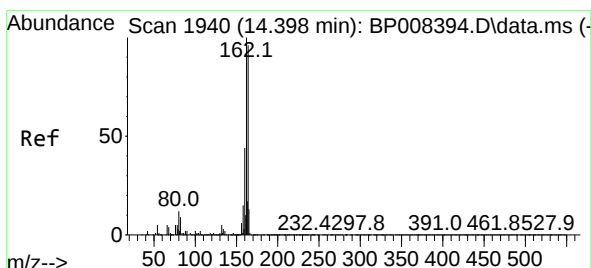
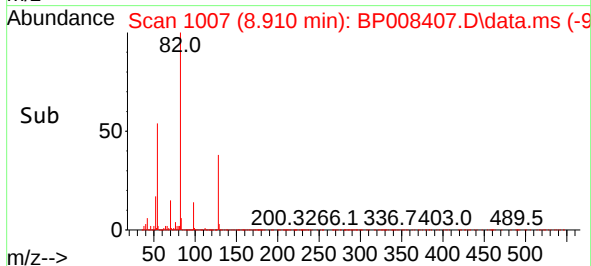
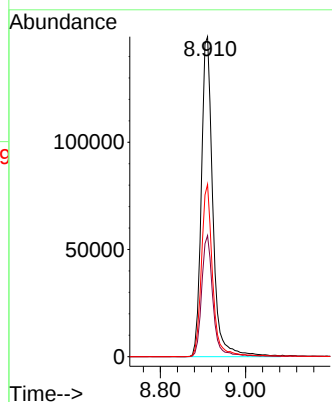
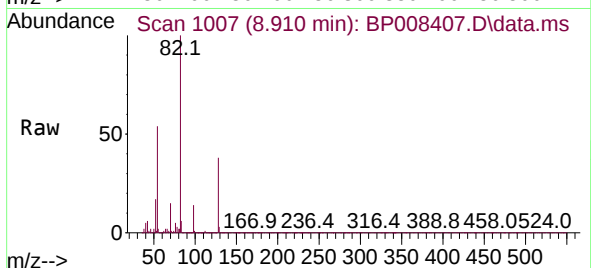
Tgt Ion: 82 Resp: 279322

Ion Ratio Lower Upper

82 100

128 37.8 29.6 44.4

54 53.8 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP008407.D

Acq: 14 Dec 2021 23:02

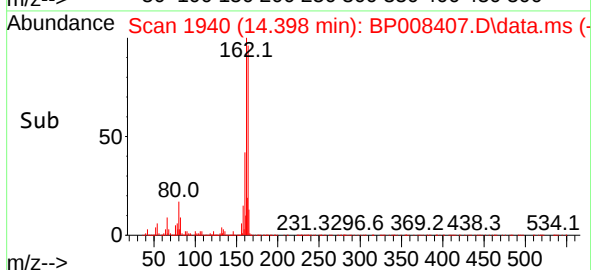
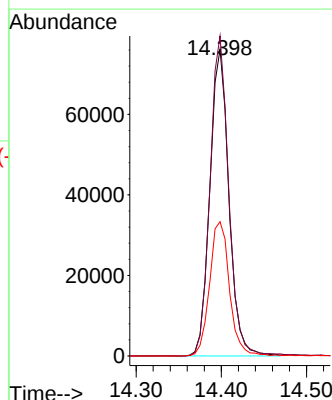
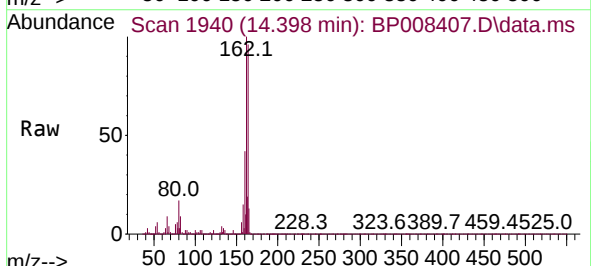
Tgt Ion: 164 Resp: 118482

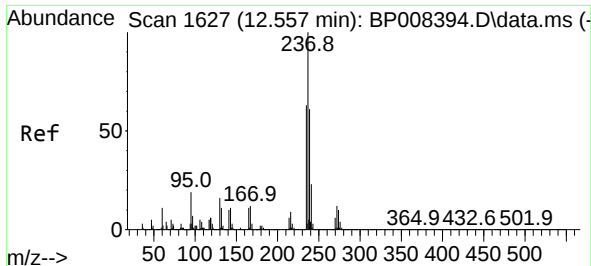
Ion Ratio Lower Upper

164 100

162 104.3 81.9 122.9

160 43.8 35.4 53.0

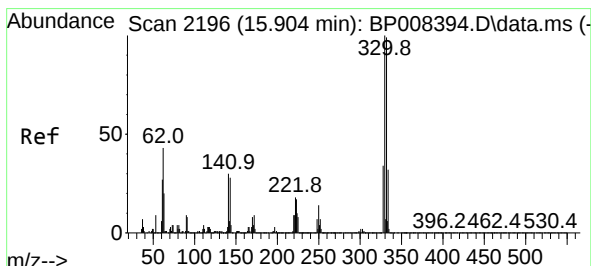
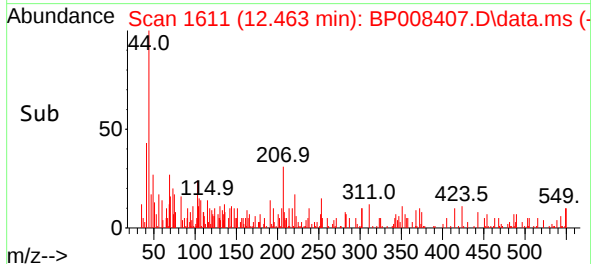
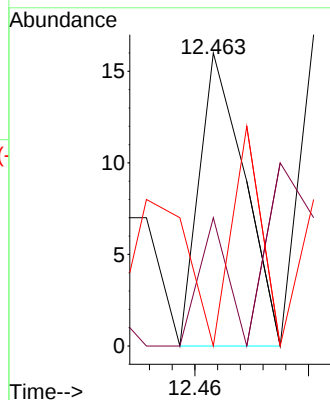
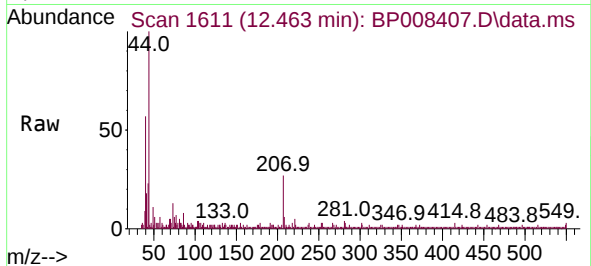




#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.463 min Scan# 1
Delta R.T. -0.094 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

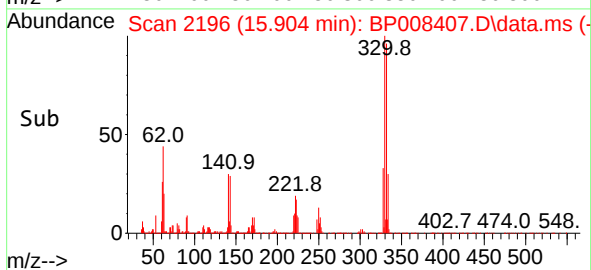
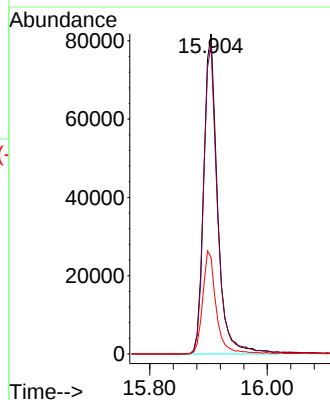
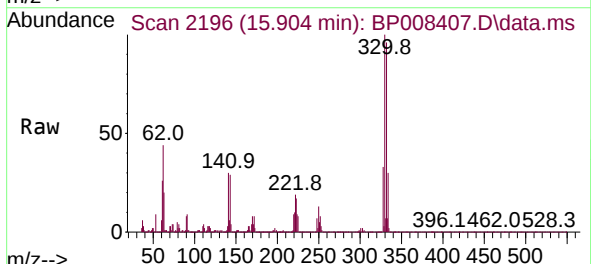
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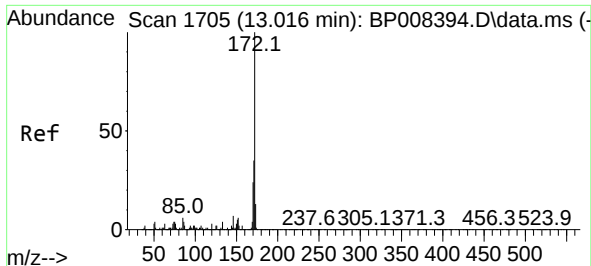
Tgt Ion:237	Resp:	9	
Ion	Ratio	Lower	Upper
237	100		
235	43.8	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 76.957 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

Tgt	Ion:330	Resp:	133996
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	31.3	28.4	42.6

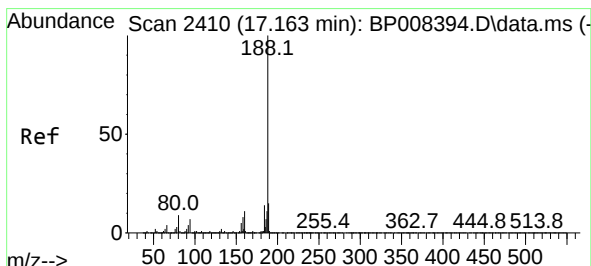
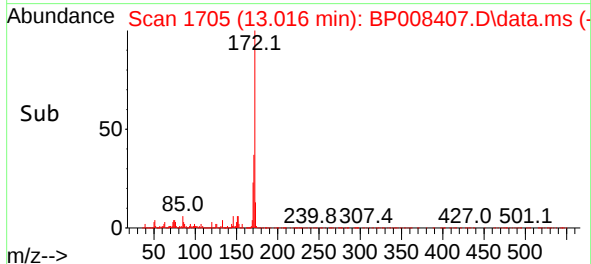
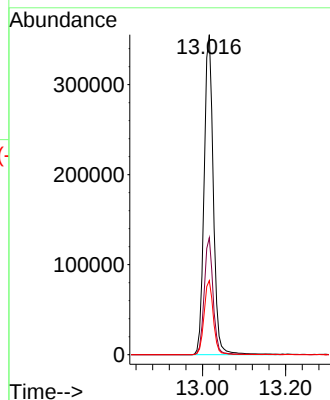
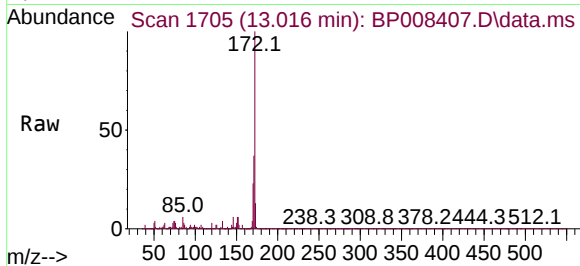




#45
2-Fluorobiphenyl
Concen: 58.517 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

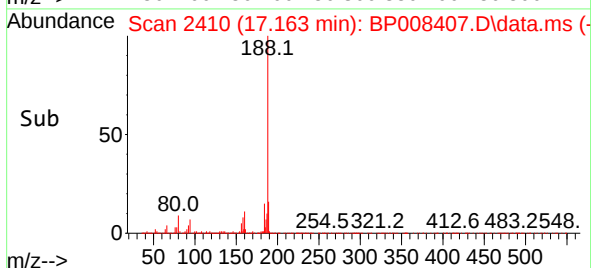
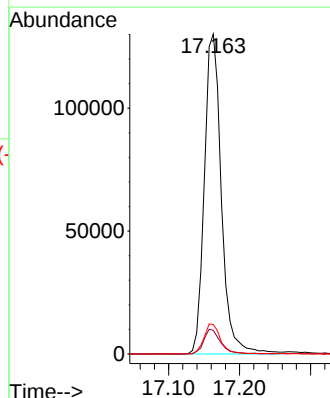
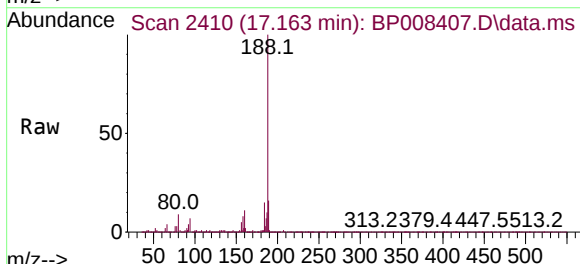
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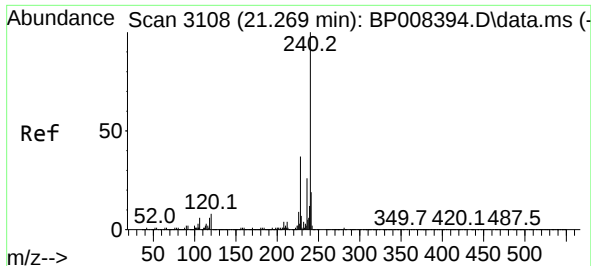
Tgt Ion:172 Resp: 545405
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

Tgt Ion:188 Resp: 217088
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 9.2 8.2 12.4

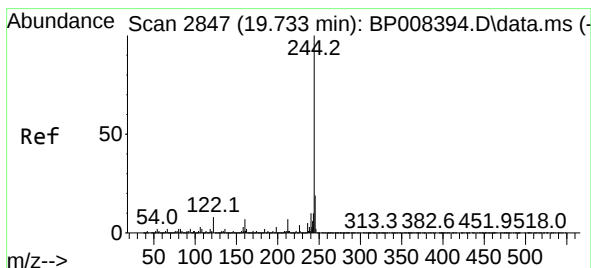
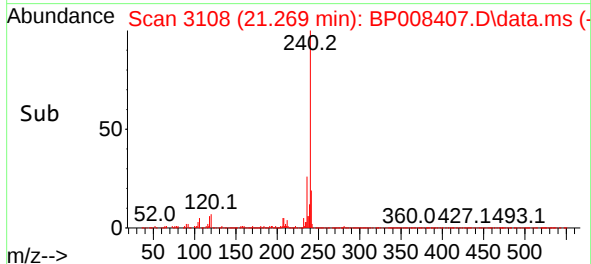
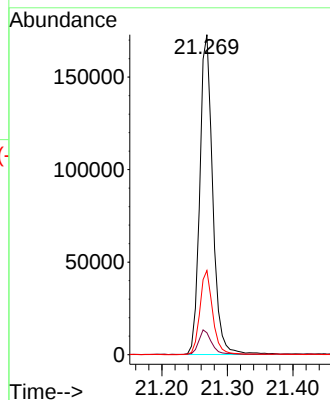
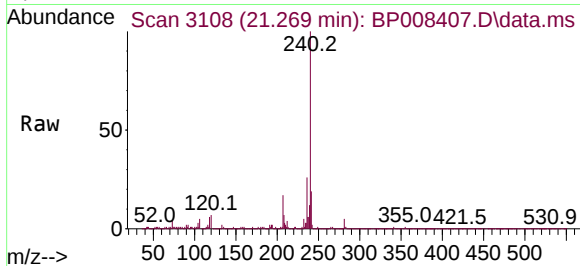




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

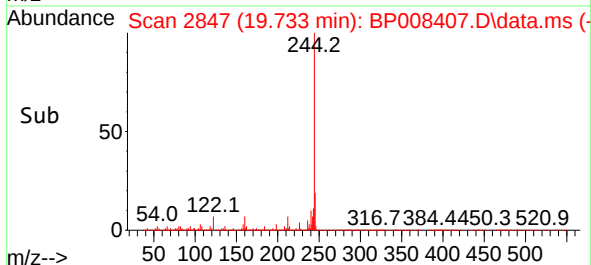
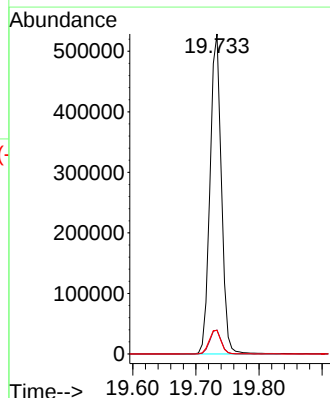
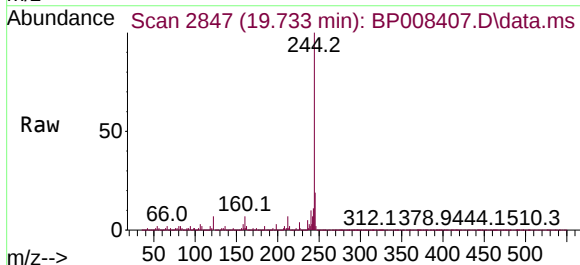
Instrument :
BNA_P
ClientSampleId :
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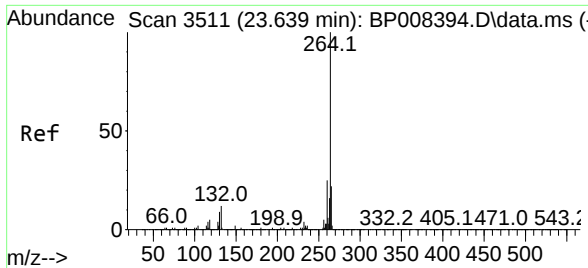
Tgt Ion:240 Resp: 237409
Ion Ratio Lower Upper
240 100
120 6.9 7.3 10.9#
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 48.378 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008407.D
Acq: 14 Dec 2021 23:02

Tgt Ion:244 Resp: 659930
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.4 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP008407.D

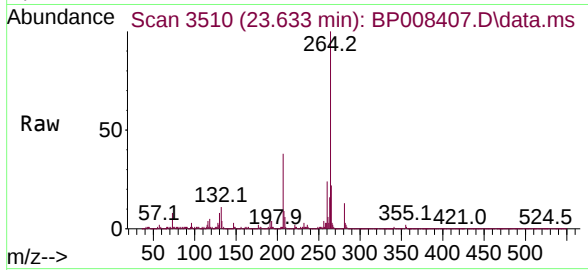
Acq: 14 Dec 2021 23:02

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 282413

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.5 17.6 26.4

