

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008473.D
 Acq On : 17 Dec 2021 16:12
 Operator : CG/JU
 Sample : M5084-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:15:34 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)

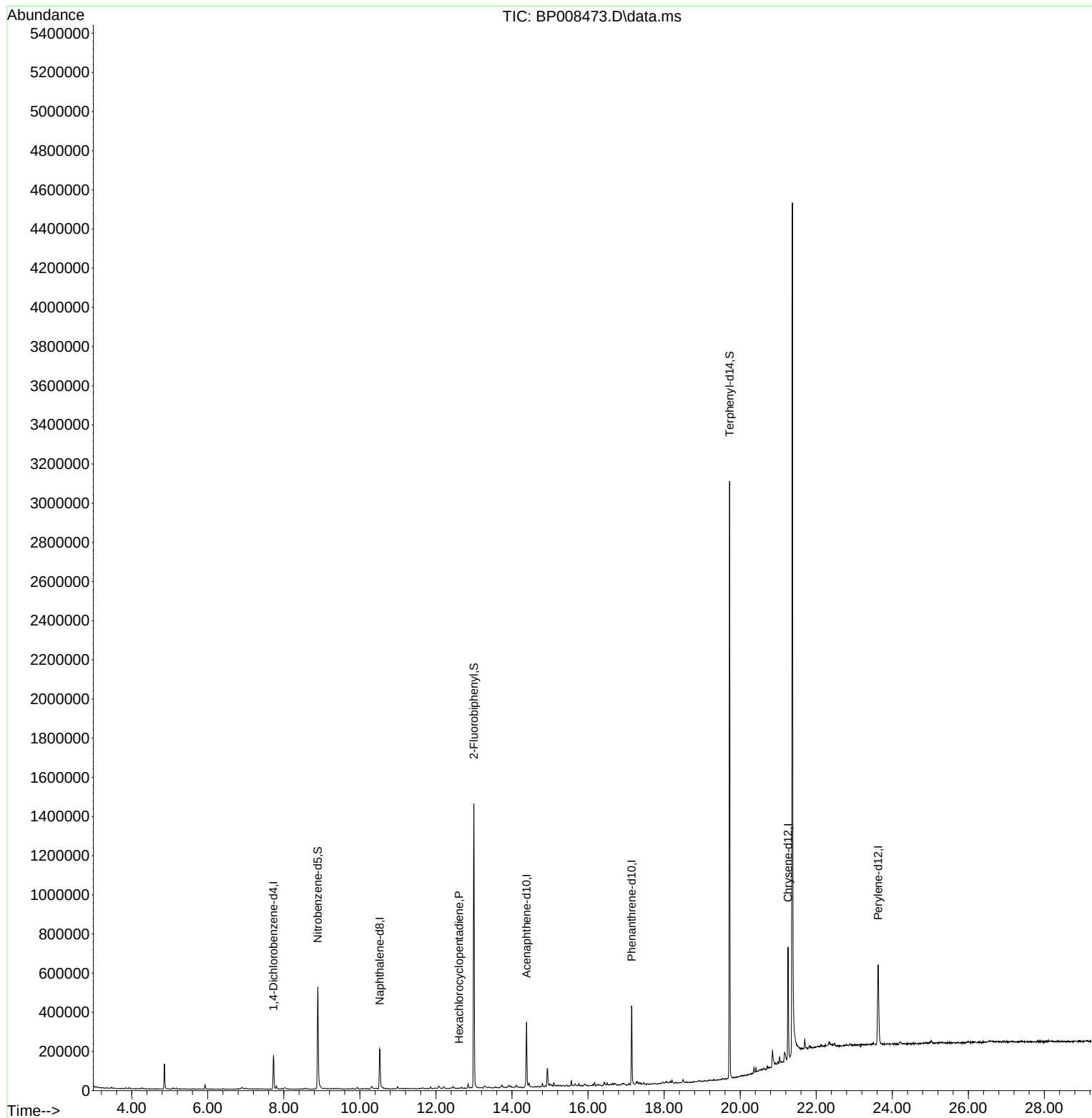
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	48975	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	172608	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	112150	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	252438	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	304367	20.000	ng	-0.01
86) Perylene-d12	23.627	264	348518	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	47	0.015	ng	-0.06
7) Phenol-d6	6.981	99	4248	1.020	ng	0.04
23) Nitrobenzene-d5	8.893	82	340360	83.538	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1830	1.110	ng	0.01
45) 2-Fluorobiphenyl	12.998	172	726431	82.339	ng	-0.02
79) Terphenyl-d14	19.722	244	1384602	79.172	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	79	Below Cal	#	1
9) Benzaldehyde	6.905	77	5179	Below Cal		85
41) Hexachlorocyclopentadiene	12.610	237	15	8.663	ng	92

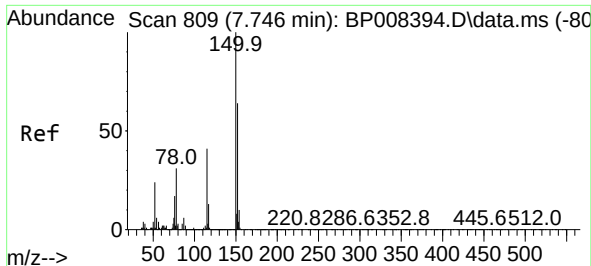
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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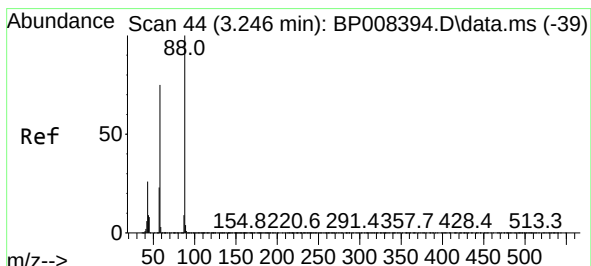
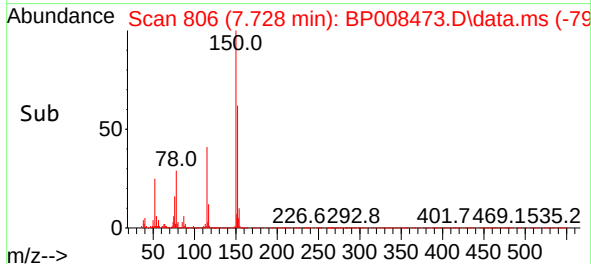
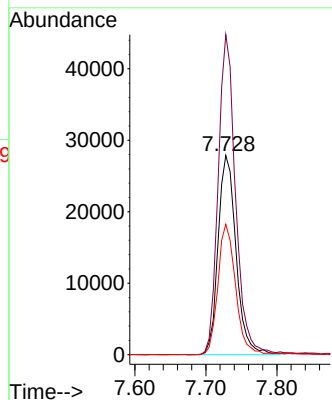
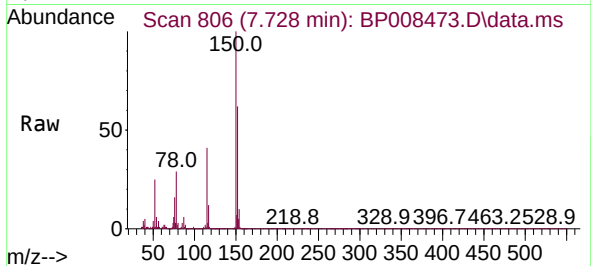




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

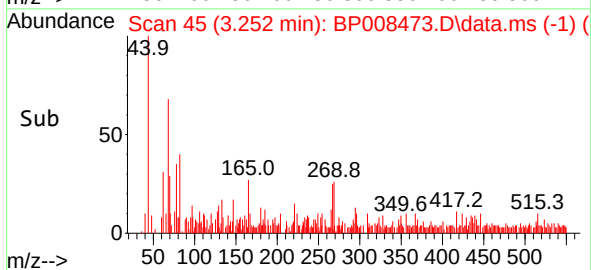
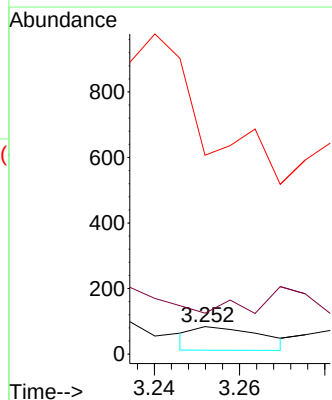
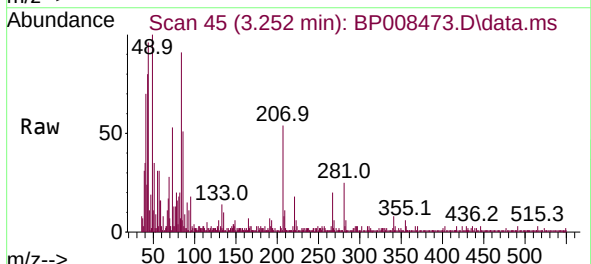
Instrument :
BNA_P
ClientSampleId :

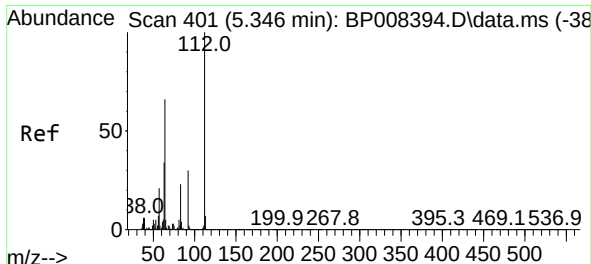
Tgt Ion:152 Resp: 48975
Ion Ratio Lower Upper
152 100
150 160.6 125.7 188.5
115 65.5 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.252 min Scan# 45
Delta R.T. 0.006 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
58 0.0 63.5 95.3#
43 839.2 23.4 35.2#

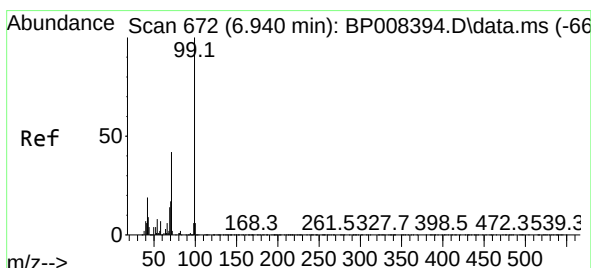
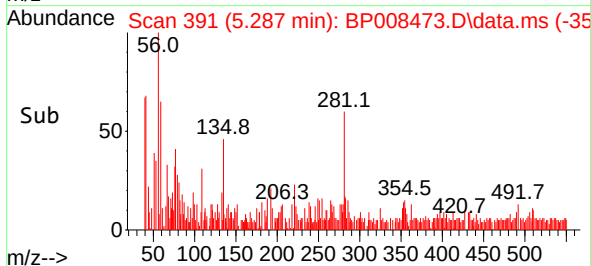
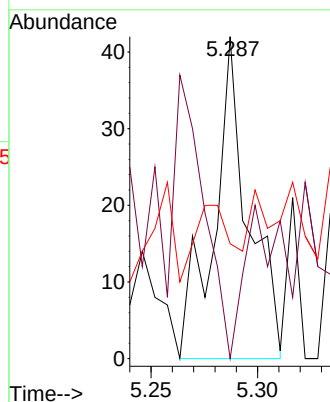
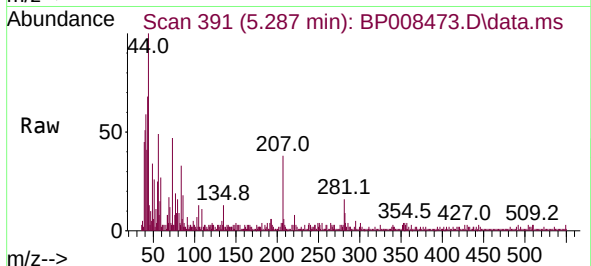




#5
2-Fluorophenol
Concen: 0.015 ng
RT: 5.287 min Scan# 391
Delta R.T. -0.059 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

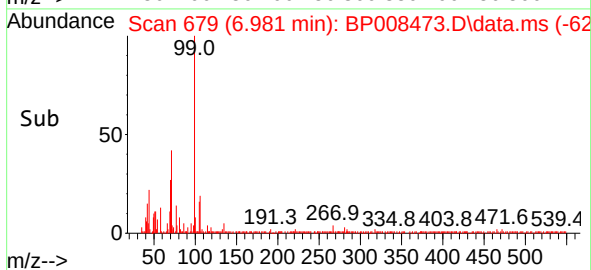
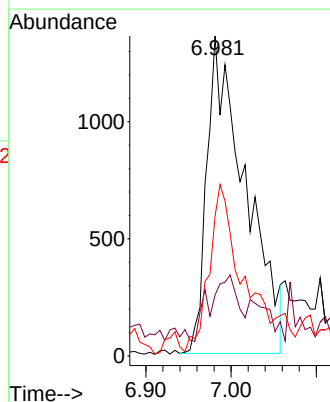
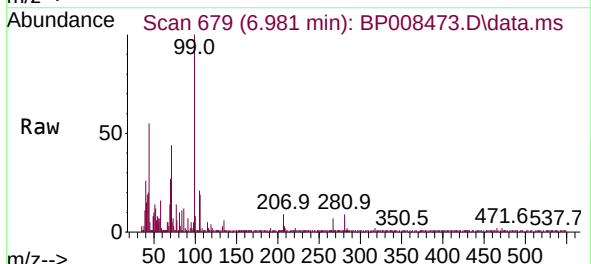
Instrument :
BNA_P
ClientSampleId :

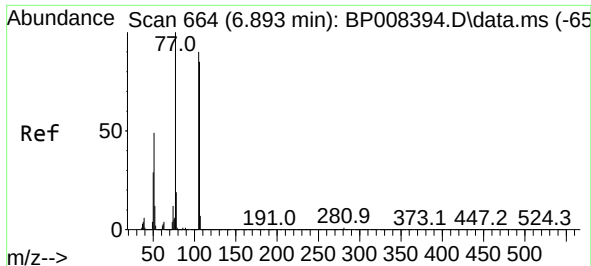
Tgt Ion:112 Resp: 47
Ion Ratio Lower Upper
112 100
64 0.0 53.4 80.2#
63 35.7 27.8 41.8



#7
Phenol-d6
Concen: 1.020 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.041 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

Tgt Ion: 99 Resp: 4248
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 43.7 31.1 46.7

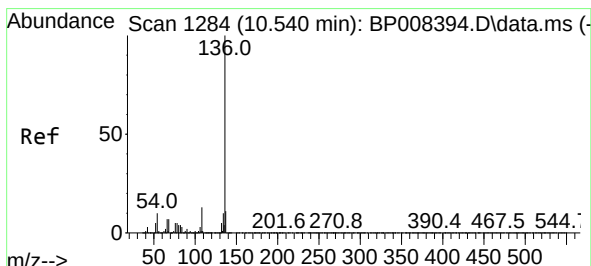
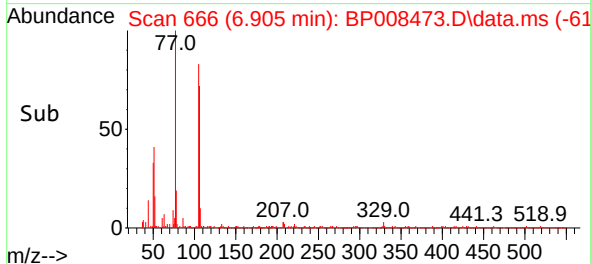
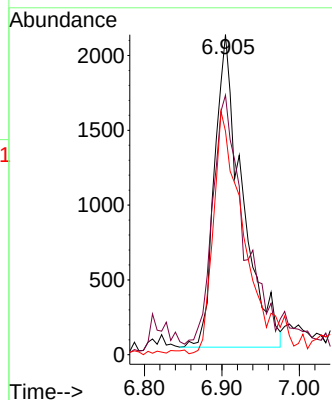
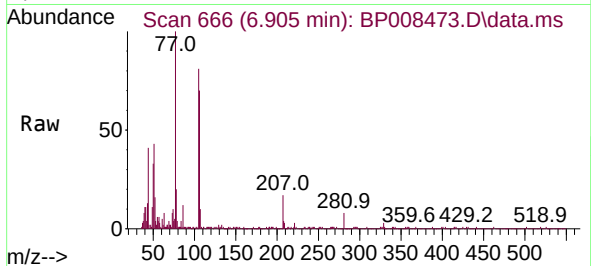




#9
Benzaldehyde
Concen: Below Cal
RT: 6.905 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

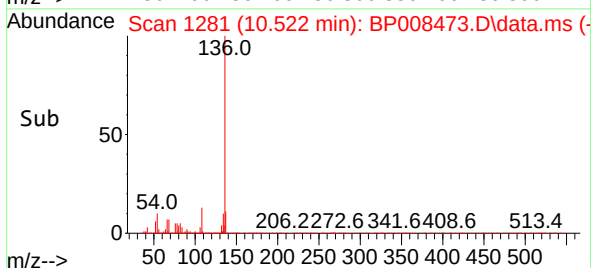
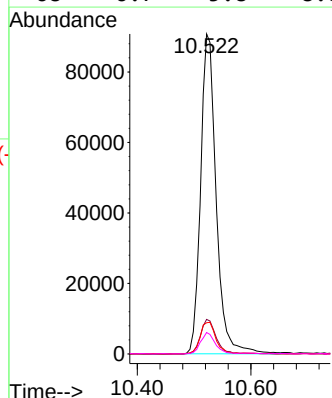
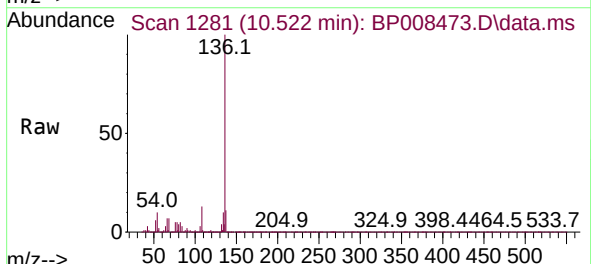
Instrument :
BNA_P
ClientSampleId :

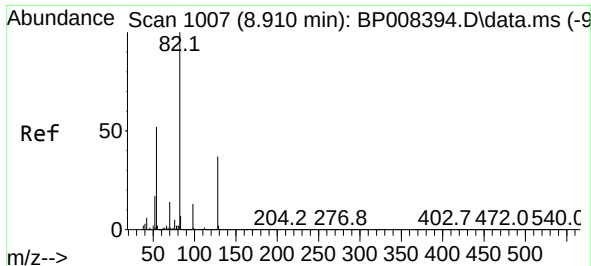
Tgt Ion: 77 Resp: 5179
Ion Ratio Lower Upper
77 100
105 81.1 71.8 111.8
106 69.8 67.3 107.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

Tgt Ion: 136 Resp: 172608
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.8 8.2 12.4
68 6.7 5.8 8.8

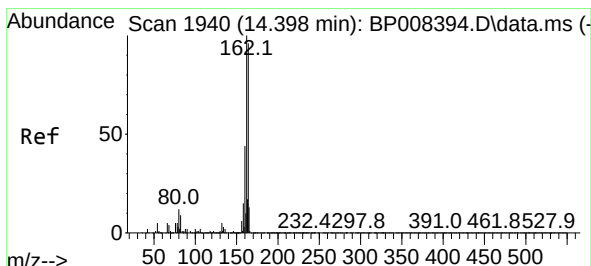
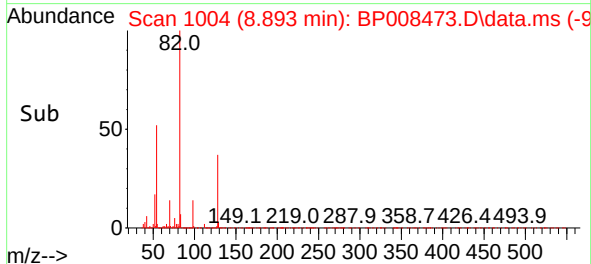
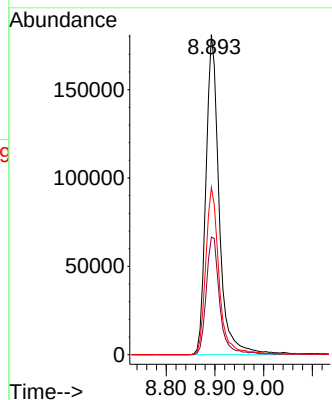
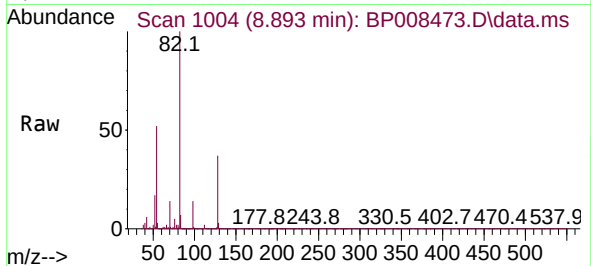




#23
Nitrobenzene-d5
Concen: 83.538 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

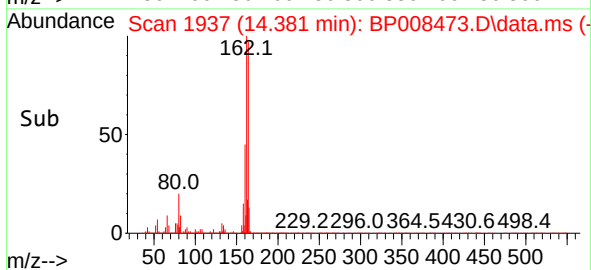
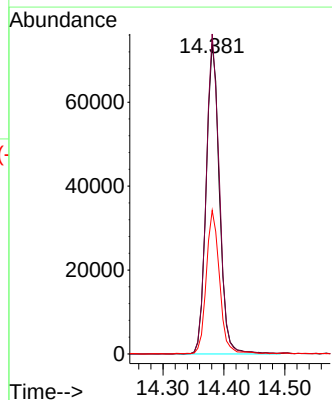
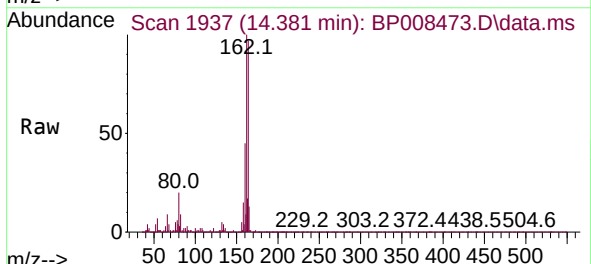
Instrument :
BNA_P
ClientSampleId :

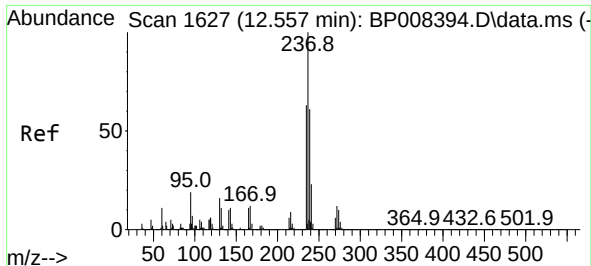
Tgt Ion: 82 Resp: 340360
Ion Ratio Lower Upper
82 100
128 36.8 29.6 44.4
54 52.2 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.017 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

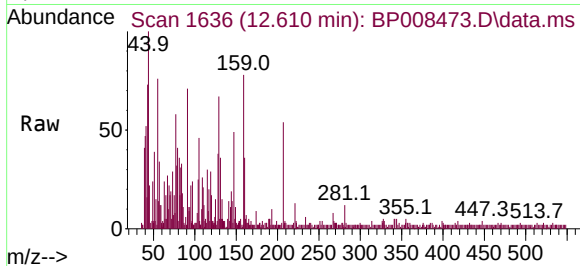
Tgt Ion:164 Resp: 112150
Ion Ratio Lower Upper
164 100
162 103.1 81.9 122.9
160 46.2 35.4 53.0



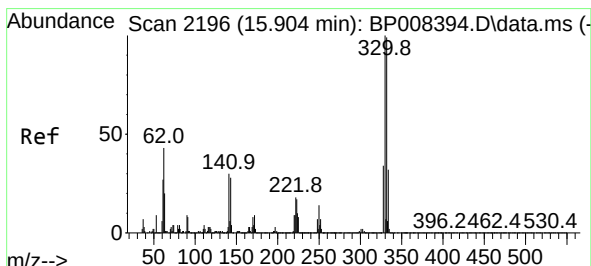
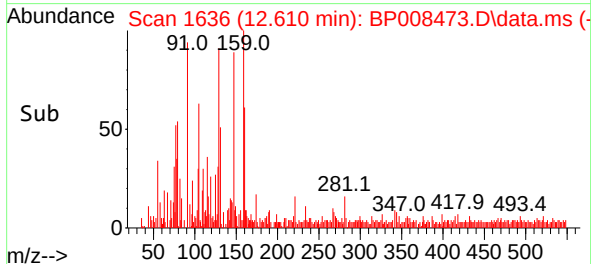
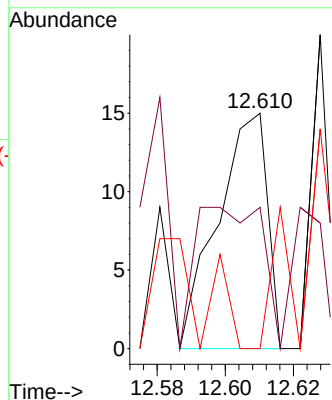


#41
Hexachlorocyclopentadiene
Concen: 8.663 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.053 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

Instrument :
BNA_P
ClientSampleId :

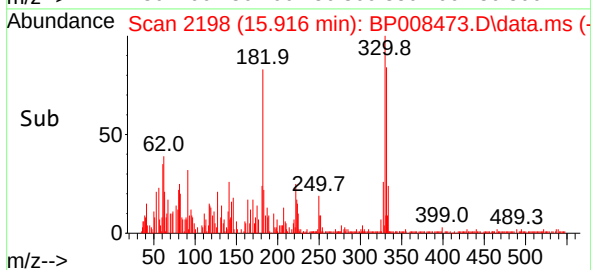
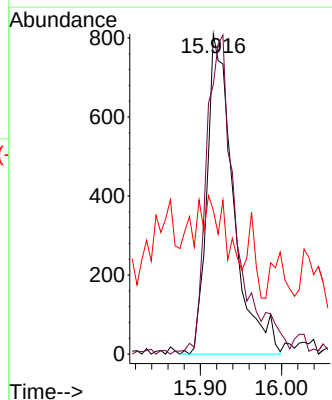
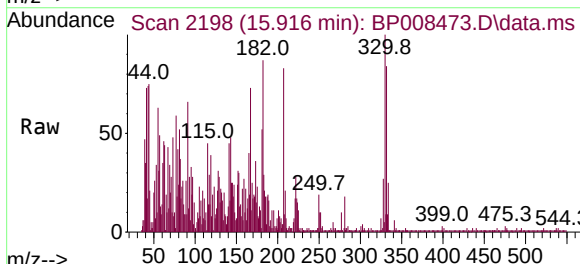


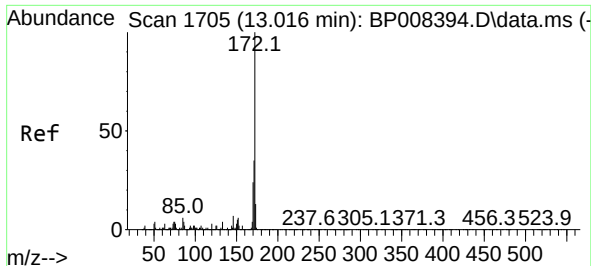
Tgt Ion: 237	Resp: 15
Ion Ratio	Lower Upper
237	100
235	60.0 42.3 82.3
272	0.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 1.110 ng
RT: 15.916 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

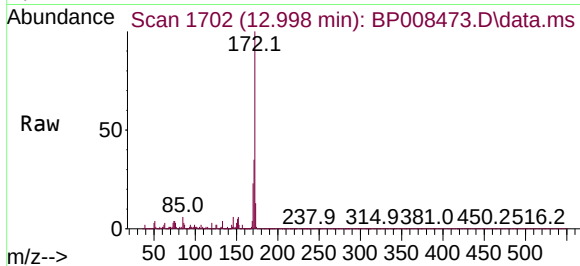
Tgt Ion: 330	Resp: 1830
Ion Ratio	Lower Upper
330	100
332	104.4 77.0 115.4
141	29.8 28.4 42.6



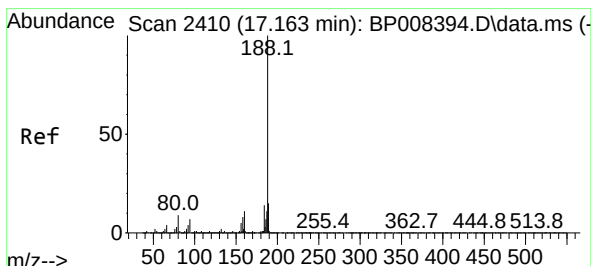
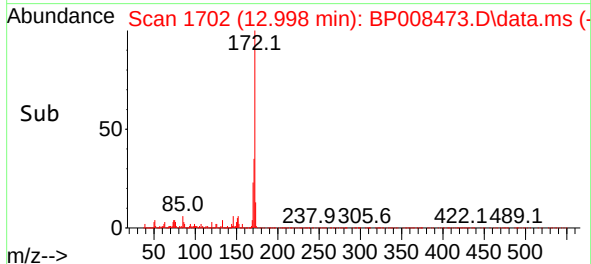
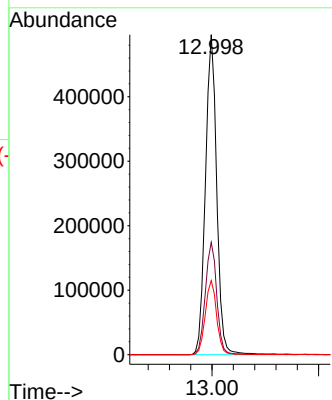


#45
2-Fluorobiphenyl
Concen: 82.339 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

Instrument :
BNA_P
ClientSampleId :

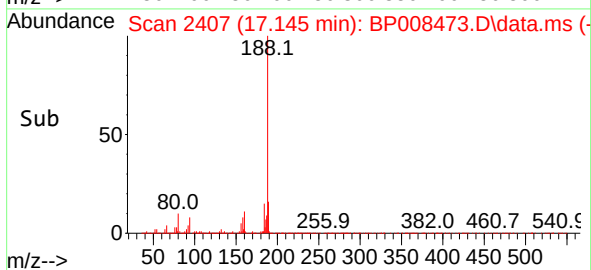
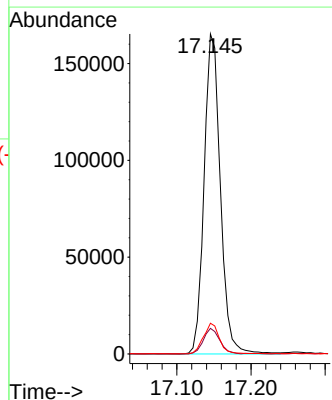
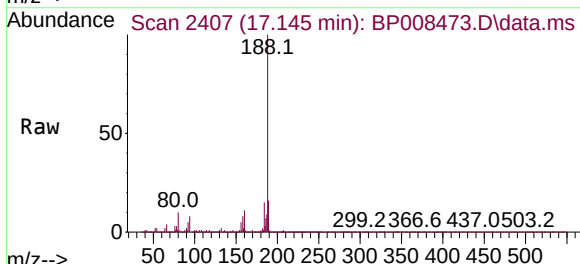


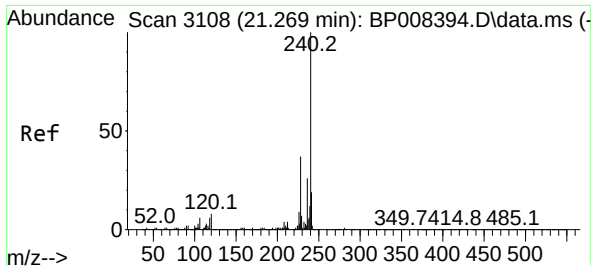
Tgt Ion:172 Resp: 726431
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.018 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

Tgt Ion:188 Resp: 252438
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.6 8.2 12.4

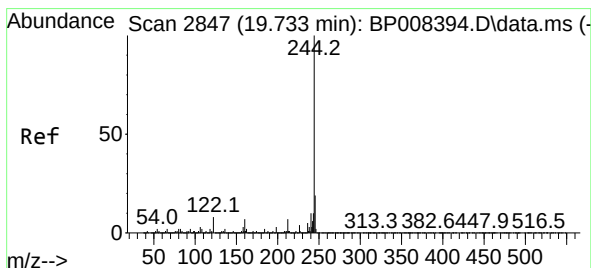
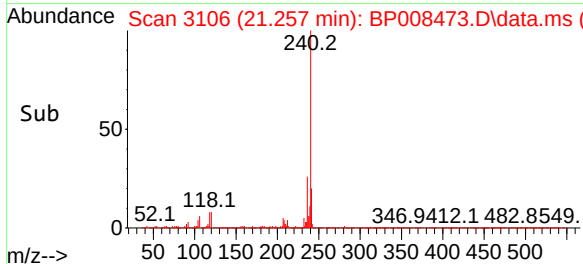
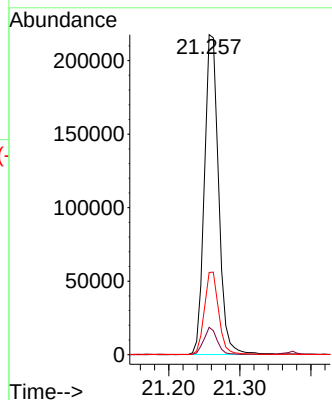
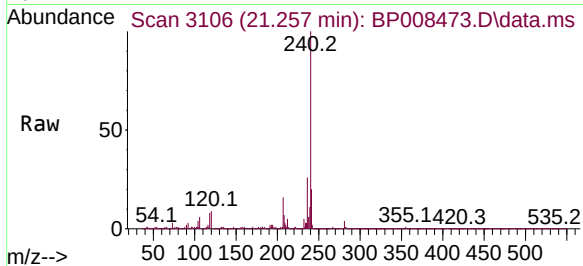




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

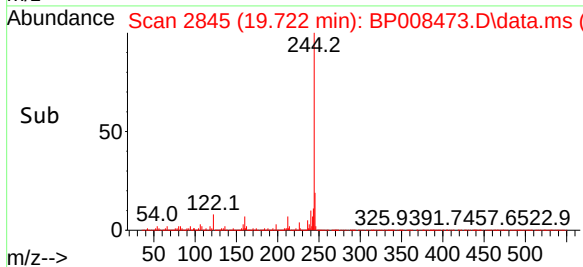
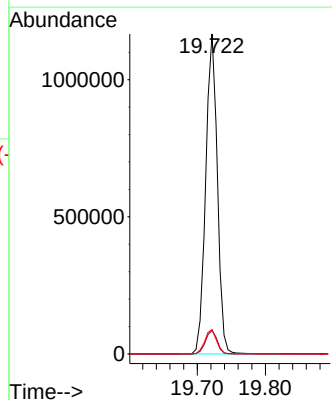
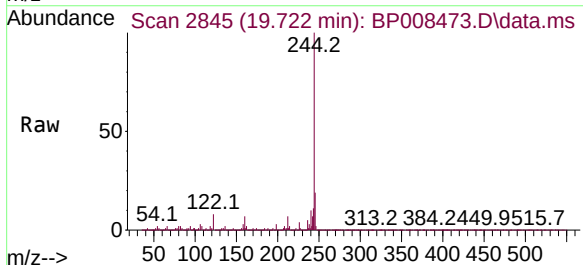
Instrument :
BNA_P
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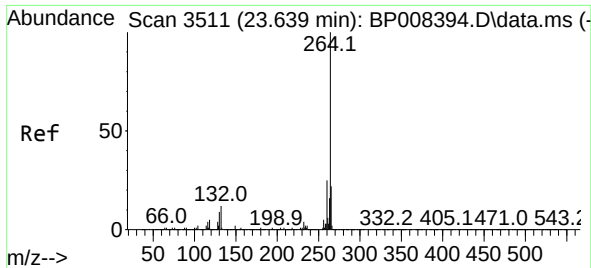
Tgt Ion:240 Resp: 304367
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 25.7 21.4 32.2



#79
Terphenyl-d14
Concen: 79.172 ng
RT: 19.722 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

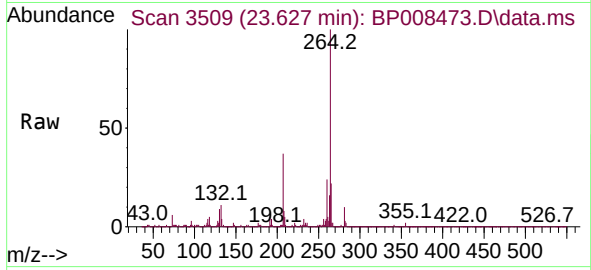
Tgt Ion:244 Resp: 1384602
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.6 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.627 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008473.D
Acq: 17 Dec 2021 16:12

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 348518

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.5	17.6	26.4

