

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008489.D
 Acq On : 18 Dec 2021 15:06
 Operator : CG/JU
 Sample : PB141550BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 00:50:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

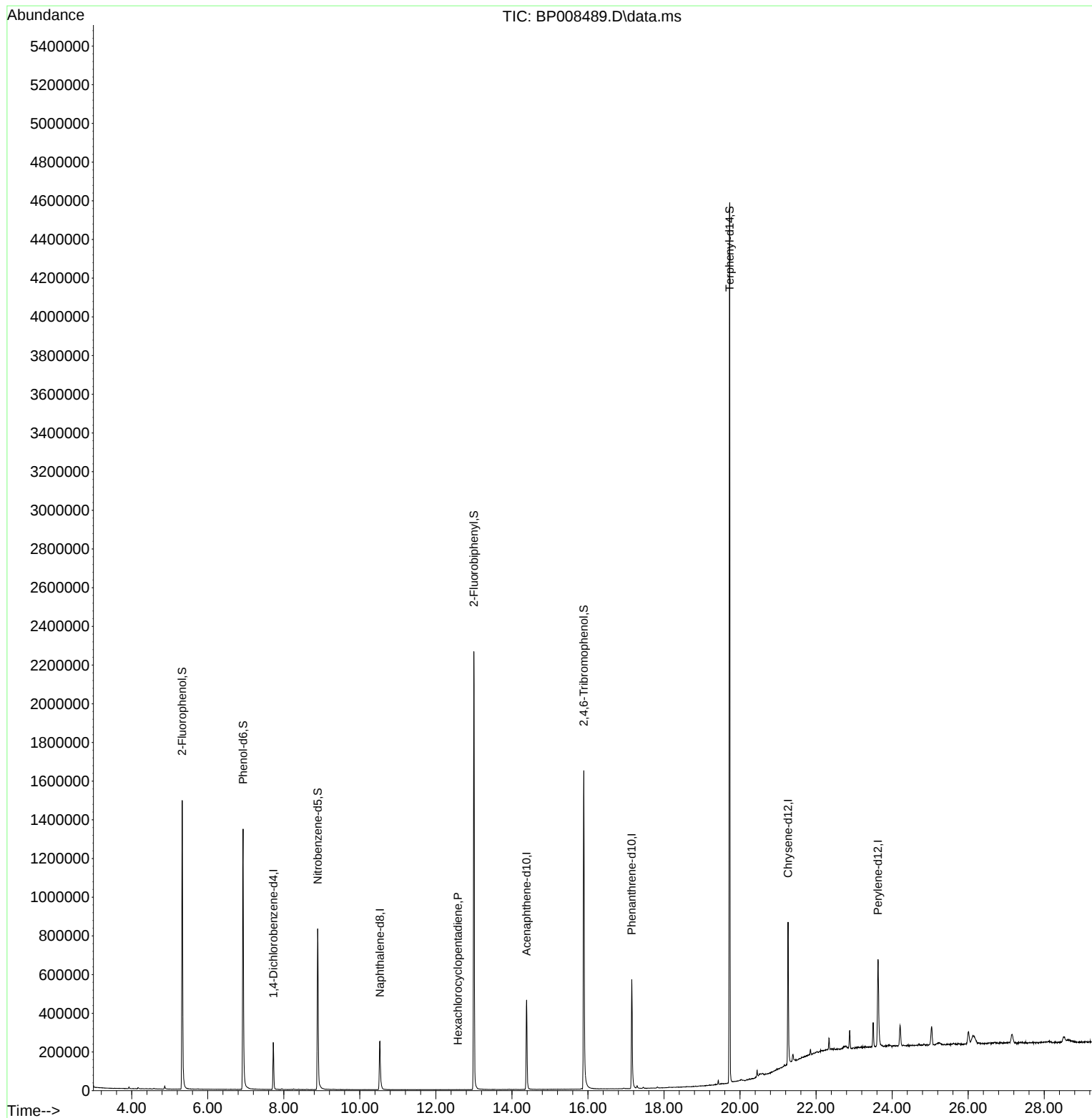
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	65476	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	251419	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	179013	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	410223	20.000	ng	0.00
76) Chrysene-d12	21.263	240	435825	20.000	ng	0.00
86) Perylene-d12	23.627	264	412894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	613975	148.087	ng	0.00
7) Phenol-d6	6.928	99	785476	141.059	ng	0.00
23) Nitrobenzene-d5	8.893	82	522409	88.028	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	376455	143.099	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1165000	82.728	ng	0.00
79) Terphenyl-d14	19.727	244	2241446	89.508	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.234	88	115	Below Cal	#	75
9) Benzaldehyde	6.840	77	71	Below Cal	#	23
41) Hexachlorocyclopentadiene	12.581	237	6	8.655	ng	81

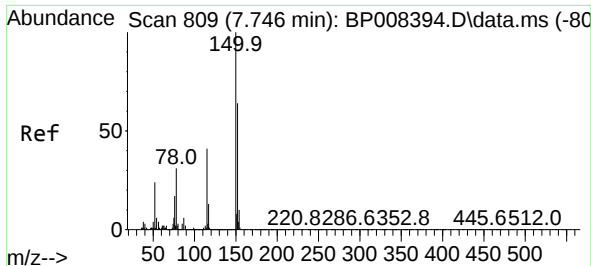
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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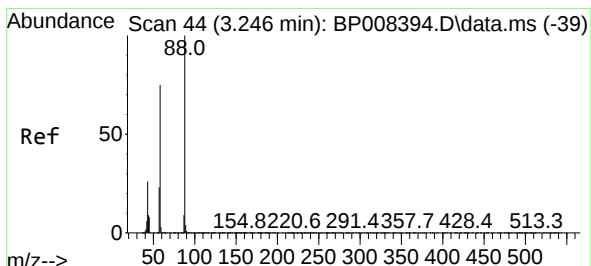
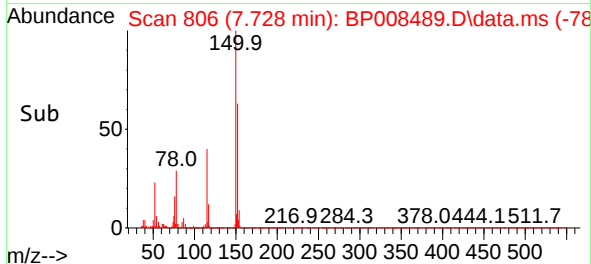
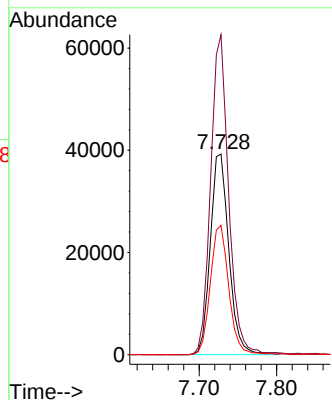
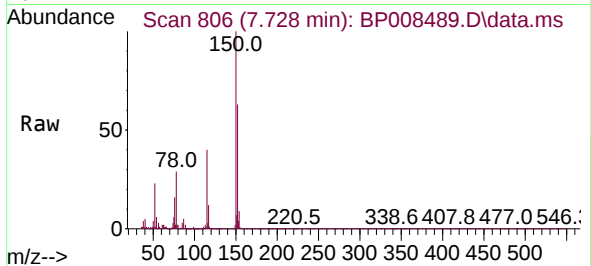




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP008489.D
 Acq: 18 Dec 2021 15:06

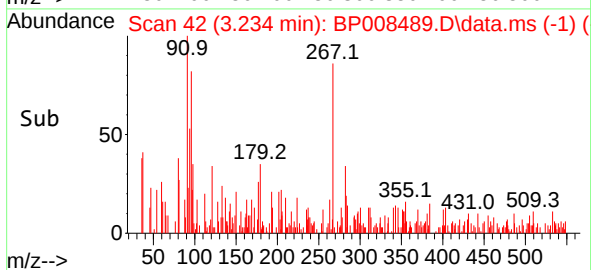
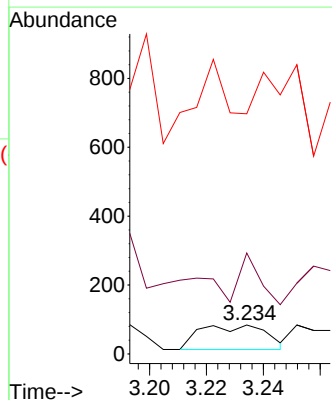
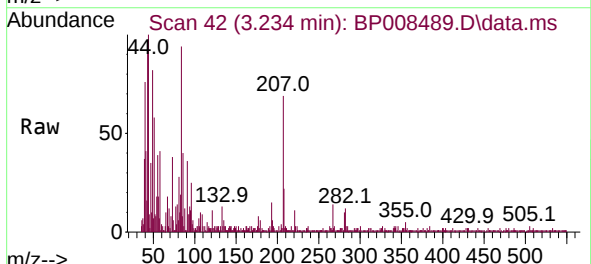
Instrument :
 BNA_P
 ClientSampleId :

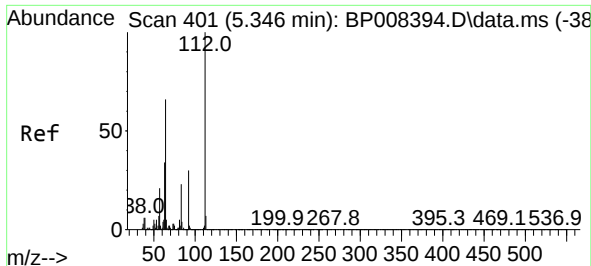
Tgt Ion:152 Resp: 65476
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.7 188.5
 115 64.5 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.234 min Scan# 42
 Delta R.T. -0.000 min
 Lab File: BP008489.D
 Acq: 18 Dec 2021 15:06

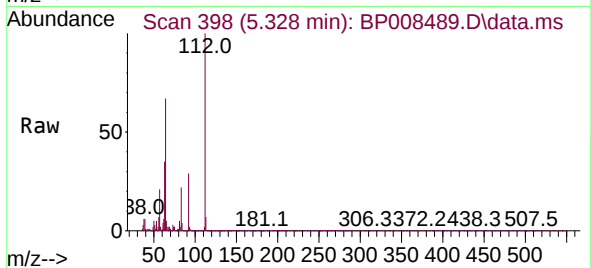
Tgt Ion: 88 Resp: 115
 Ion Ratio Lower Upper
 88 100
 58 67.0 63.5 95.3
 43 0.0 23.4 35.2#



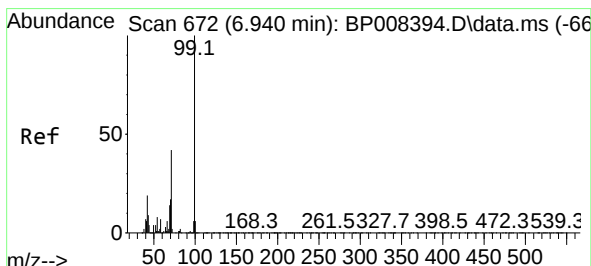
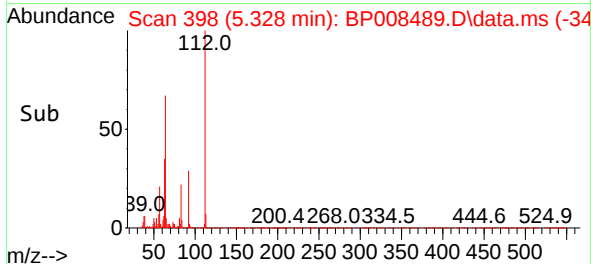
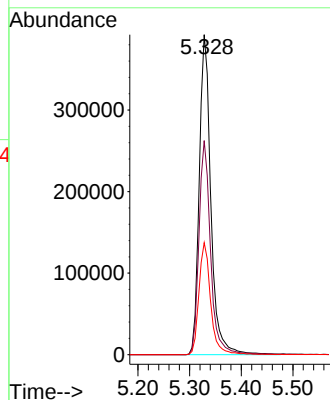


#5
2-Fluorophenol
Concen: 148.087 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

Instrument :
BNA_P
ClientSampleId :

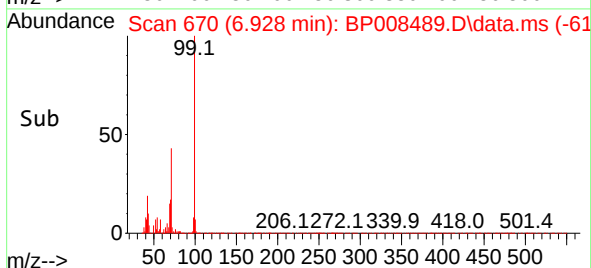
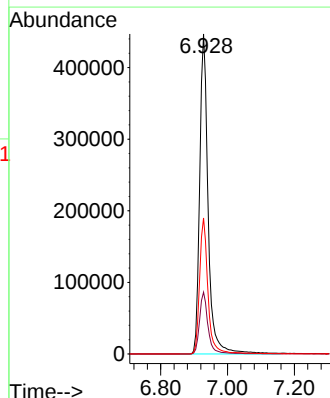
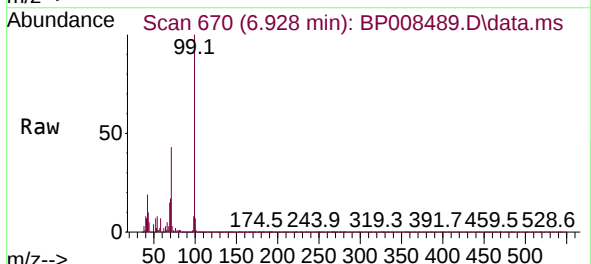


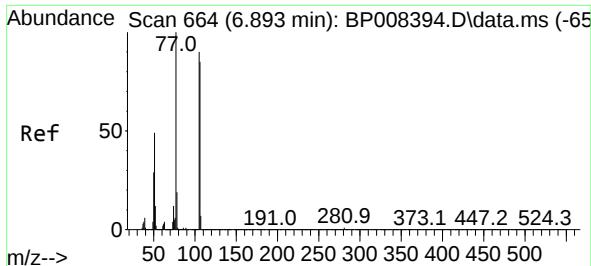
Tgt Ion:112 Resp: 613975
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 35.0 27.8 41.8



#7
Phenol-d6
Concen: 141.059 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.000 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

Tgt Ion: 99 Resp: 785476
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 42.5 31.1 46.7

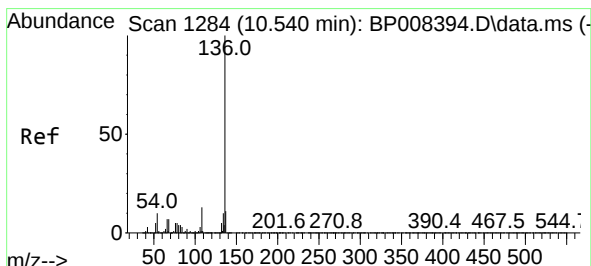
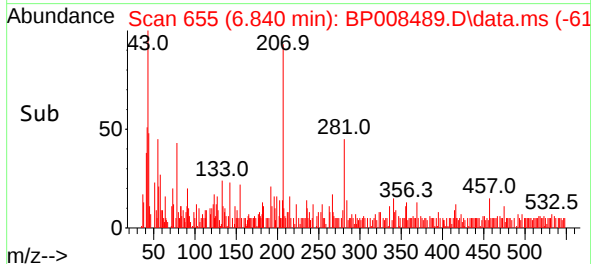
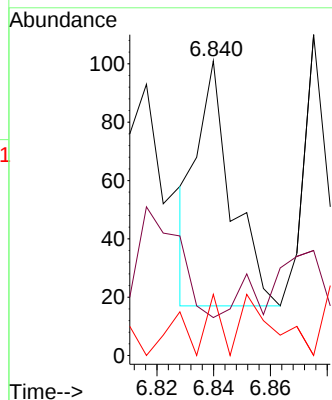
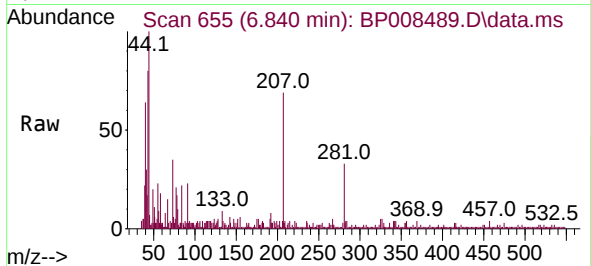




#9
Benzaldehyde
Concen: Below Cal
RT: 6.840 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

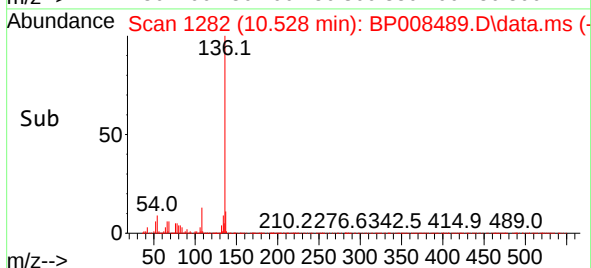
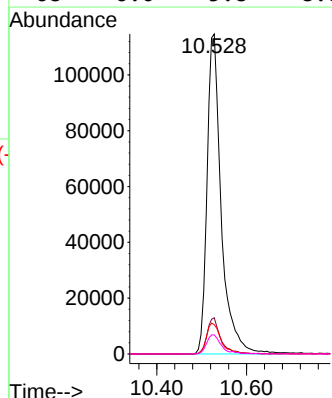
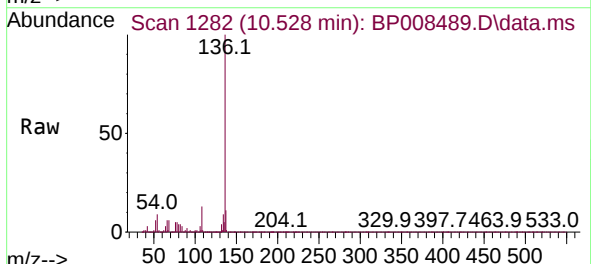
Instrument :
BNA_P
ClientSampleId :

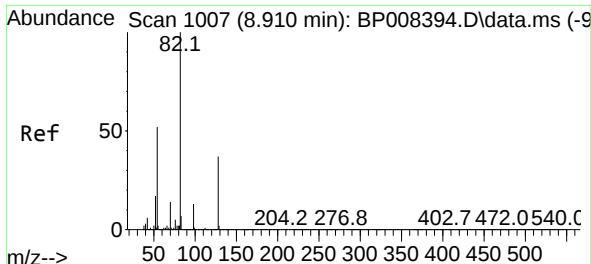
Tgt Ion: 77 Resp: 71
Ion Ratio Lower Upper
77 100
105 12.9 71.8 111.8#
106 20.8 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

Tgt Ion: 136 Resp: 251419
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.1 8.2 12.4
68 6.0 5.8 8.8





#23

Nitrobenzene-d5

Concen: 88.028 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP008489.D

Acq: 18 Dec 2021 15:06

Instrument :

BNA_P

ClientSampleId :

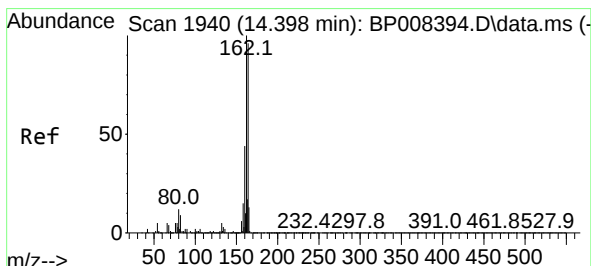
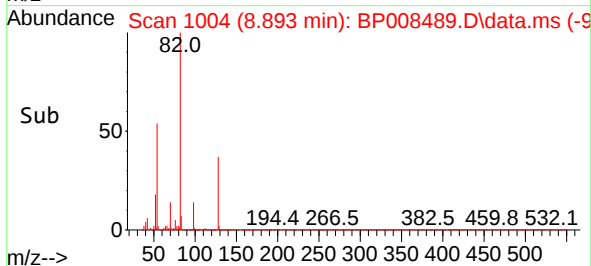
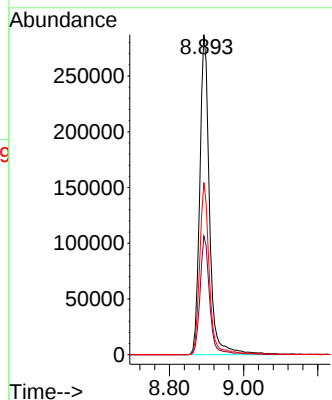
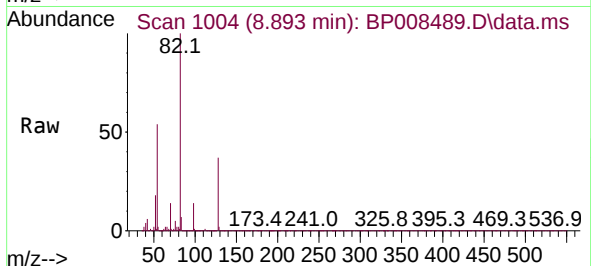
Tgt Ion: 82 Resp: 522409

Ion Ratio Lower Upper

82 100

128 37.1 29.6 44.4

54 53.8 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.387 min Scan# 1938

Delta R.T. -0.000 min

Lab File: BP008489.D

Acq: 18 Dec 2021 15:06

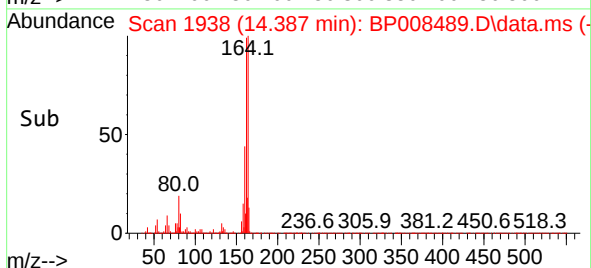
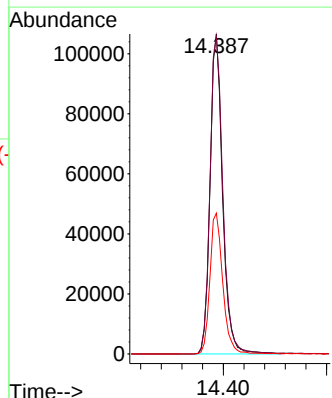
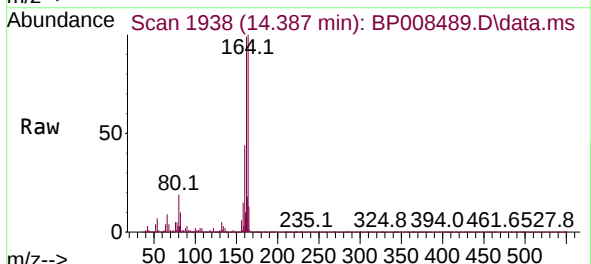
Tgt Ion: 164 Resp: 179013

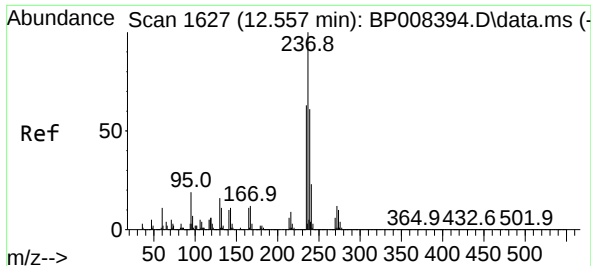
Ion Ratio Lower Upper

164 100

162 99.2 81.9 122.9

160 44.0 35.4 53.0

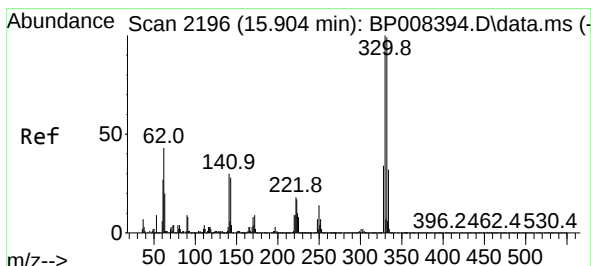
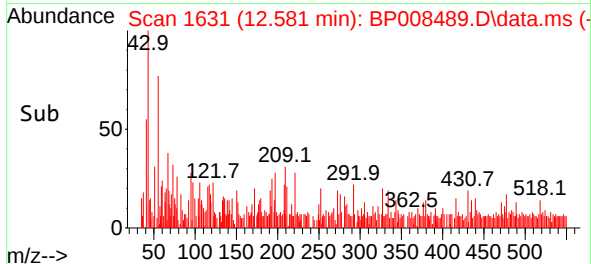
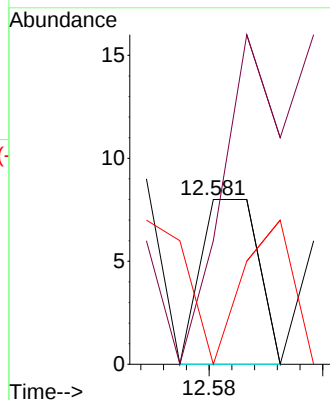
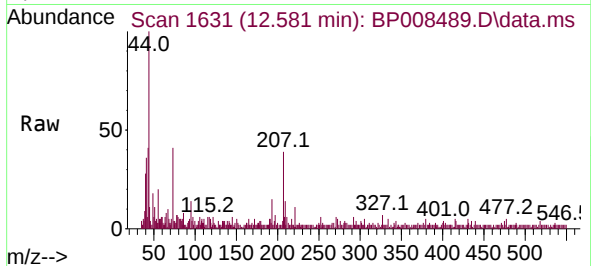




#41
Hexachlorocyclopentadiene
Concen: 8.655 ng
RT: 12.581 min Scan# 1
Delta R.T. 0.041 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

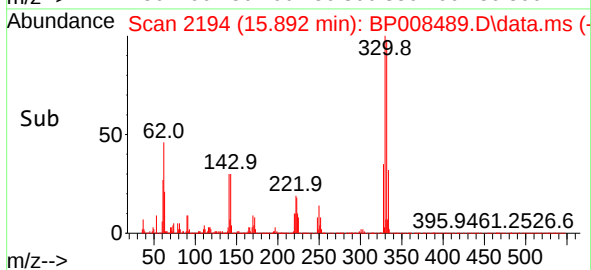
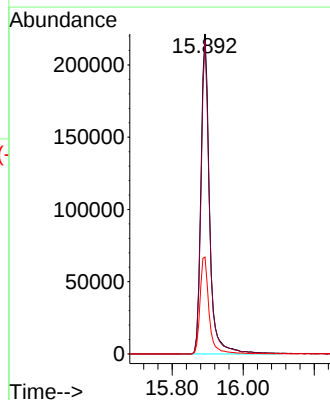
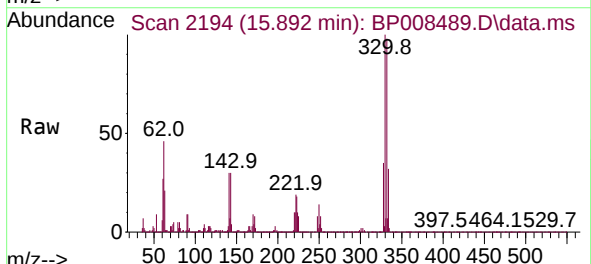
Instrument :
BNA_P
ClientSampleId :

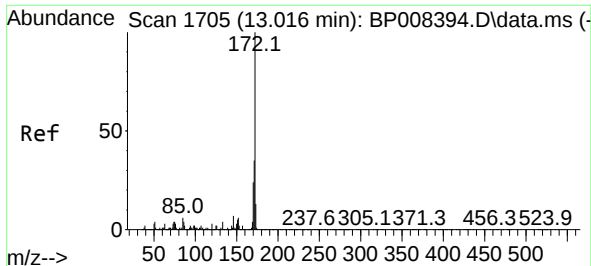
Tgt Ion:237	Resp:	6
Ion Ratio	Lower	Upper
237	100	
235	75.0	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 143.099 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

Tgt Ion:330	Resp:	376455
Ion Ratio	Lower	Upper
330	100	
332	96.0	77.0 115.4
141	31.5	28.4 42.6

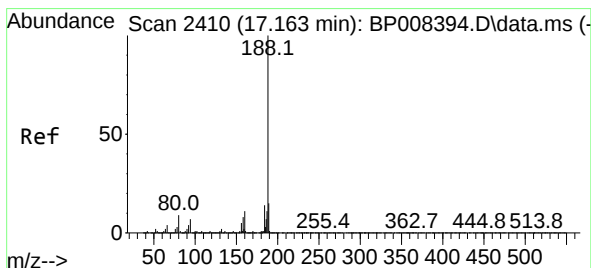
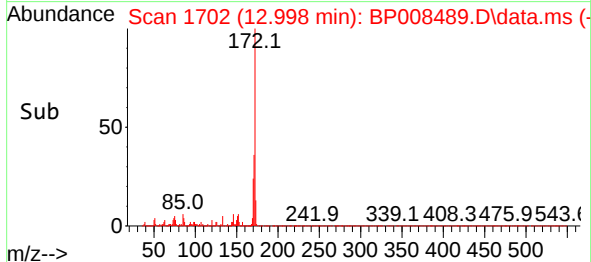
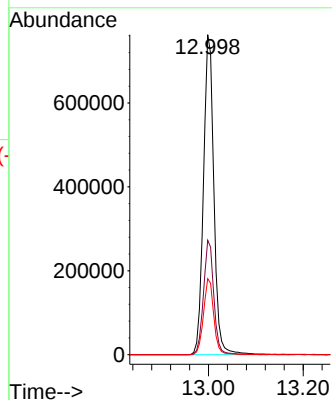
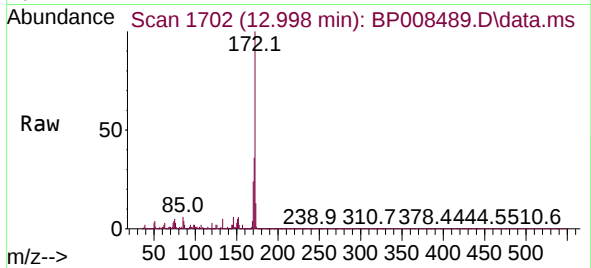




#45
2-Fluorobiphenyl
Concen: 82.728 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

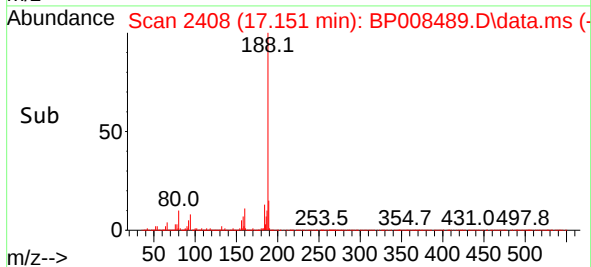
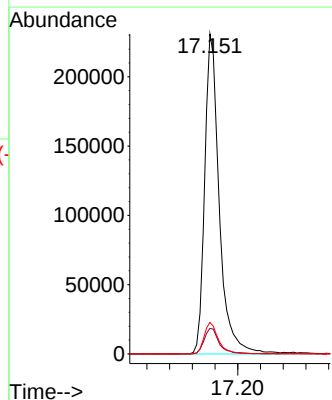
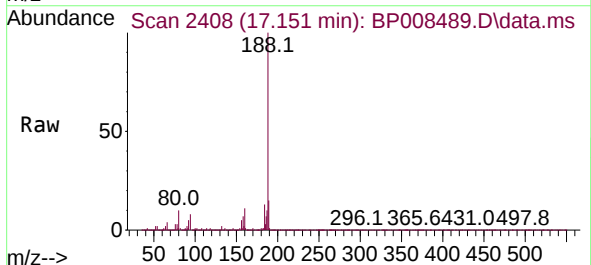
Instrument :
BNA_P
ClientSampleId :

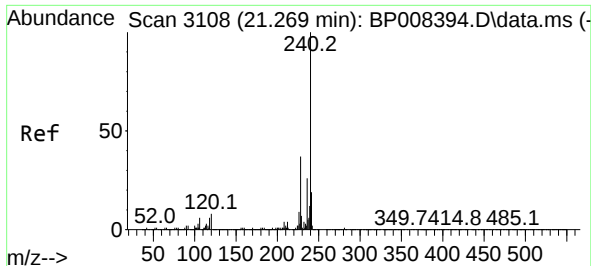
Tgt Ion:172 Resp: 1165000
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

Tgt Ion:188 Resp: 410223
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.8 8.2 12.4

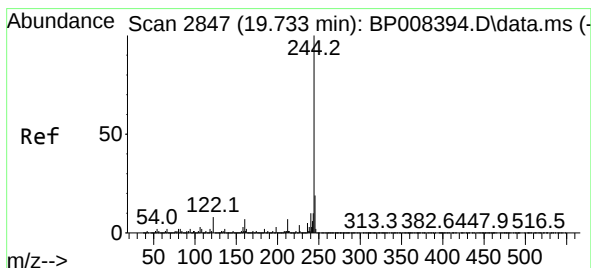
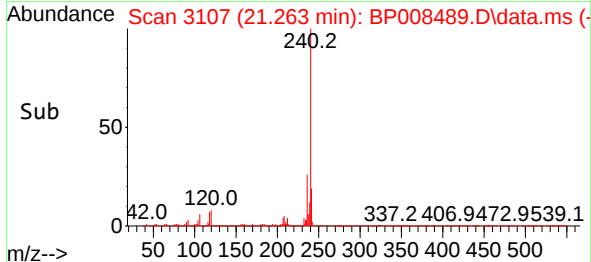
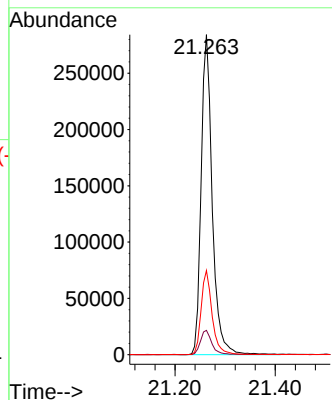
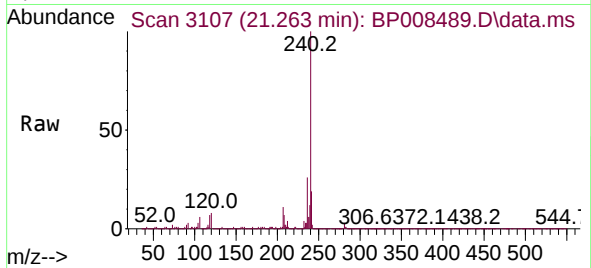




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

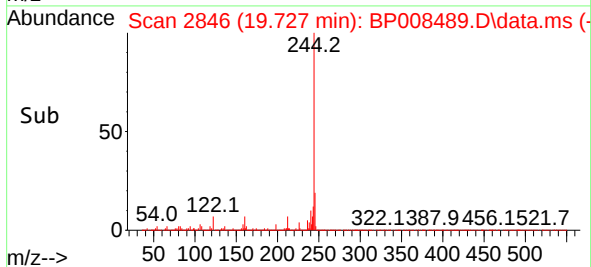
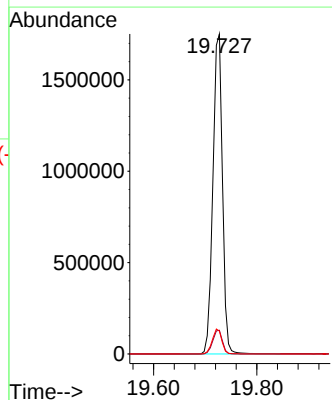
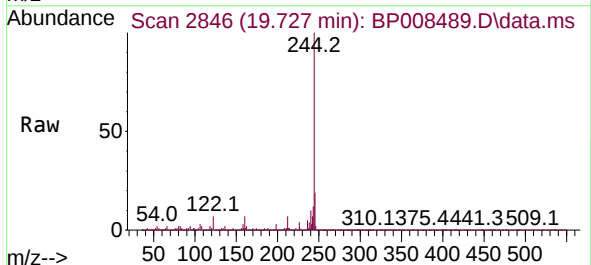
Instrument :
BNA_P
ClientSampleId :

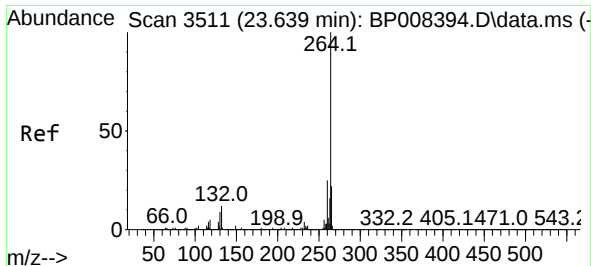
Tgt Ion:240 Resp: 435825
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 89.508 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

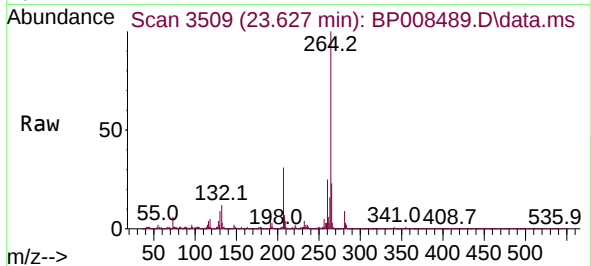
Tgt Ion:244 Resp: 2241446
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.1 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.627 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008489.D
Acq: 18 Dec 2021 15:06

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 412894

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.5	17.6	26.4

