

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111921\
 Data File : BP008048.D
 Acq On : 19 Nov 2021 21:24
 Operator : CG/JU
 Sample : PB140896BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140896BL

Quant Time: Nov 20 01:58:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

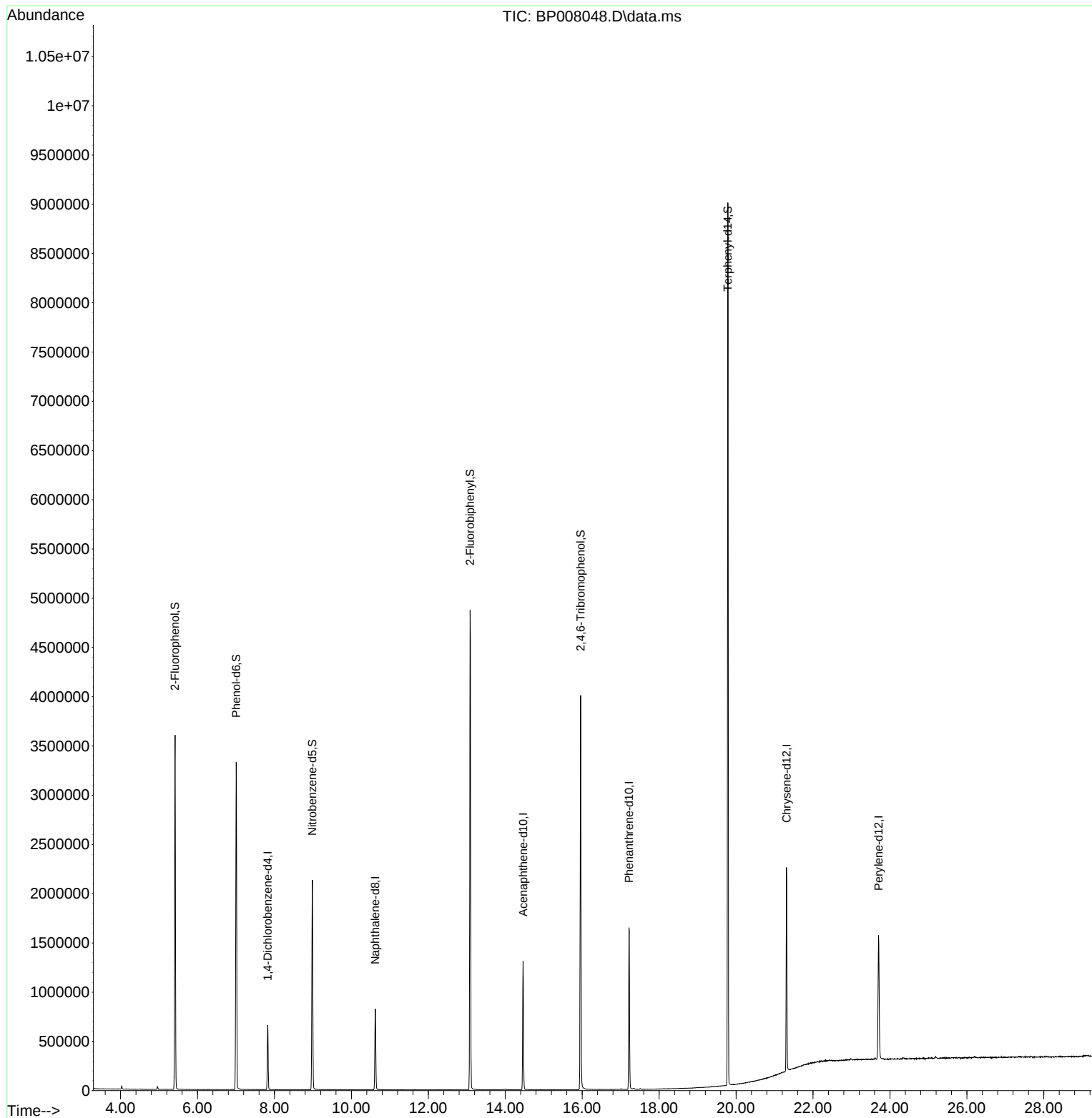
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	168015	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	652201	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	450884	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1018717	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	1054082	20.000	ng	-0.01
86) Perylene-d12	23.704	264	977016	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1411783	143.624	ng	0.00
7) Phenol-d6	7.005	99	1853975	136.065	ng	0.00
23) Nitrobenzene-d5	8.987	82	1260854	87.701	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	737264	129.208	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	2569722	89.242	ng	0.00
79) Terphenyl-d14	19.786	244	4258189	79.423	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.011	77	3669	Below Cal	#	5
58) Fluorene	15.522	166	62	Below Cal	#	55
61) 4-Chlorophenyl-phenyle...	15.534	204	27	Below Cal		94
82) 3,3'-Dichlorobenzidine	21.198	252	237	Below Cal	#	39

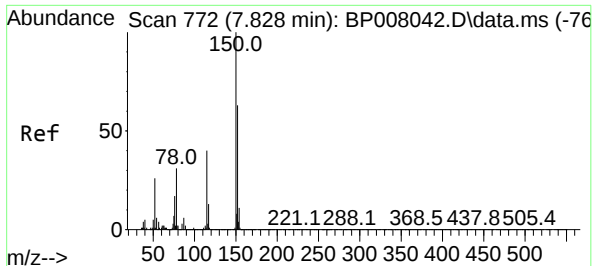
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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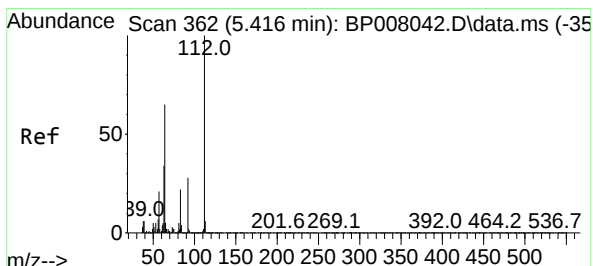
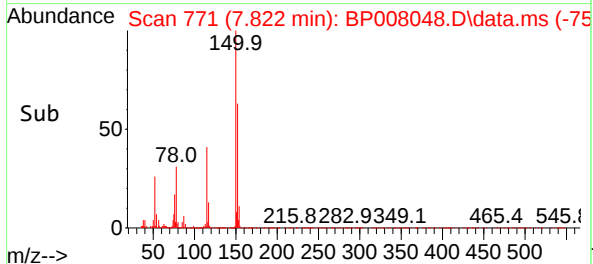
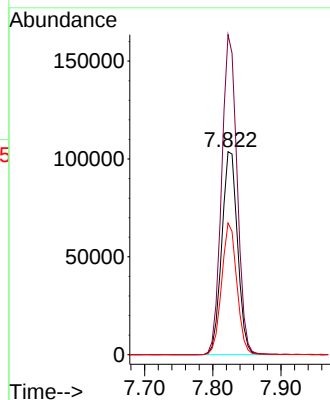
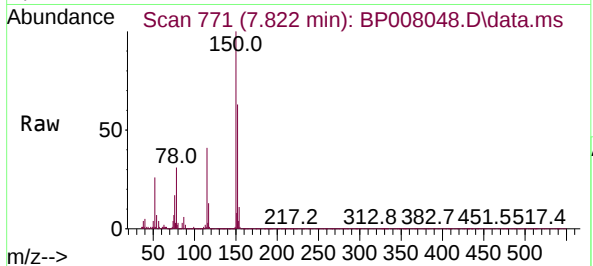




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 772
Delta R.T. -0.006 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

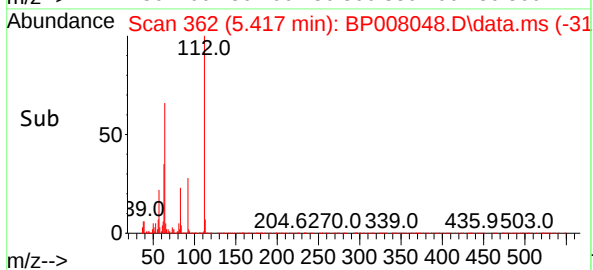
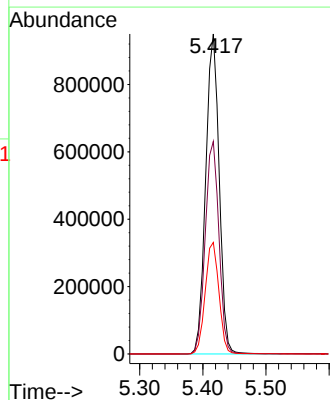
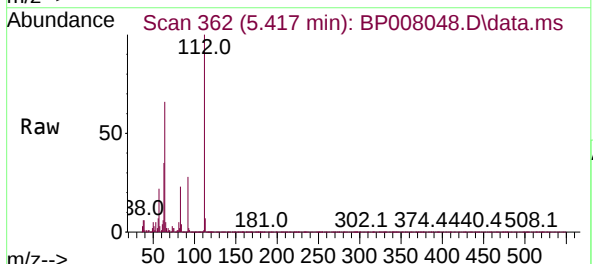
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BNA_P
ClientSampleId :
PB140896BL

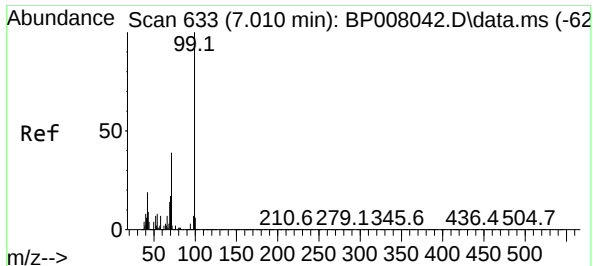
Tgt Ion:152 Resp: 168015
Ion Ratio Lower Upper
152 100
150 157.5 126.5 189.7
115 64.9 50.6 75.8



#5
2-Fluorophenol
Concen: 143.624 ng
RT: 5.417 min Scan# 362
Delta R.T. 0.001 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Tgt Ion:112 Resp: 1411783
Ion Ratio Lower Upper
112 100
64 66.4 51.7 77.5
63 34.8 27.4 41.0

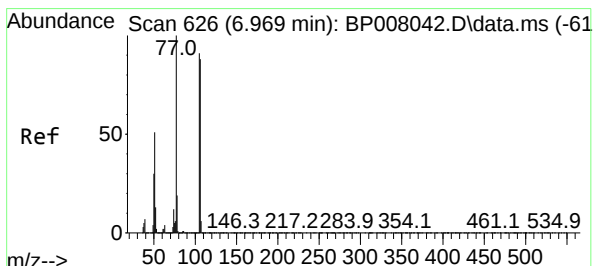
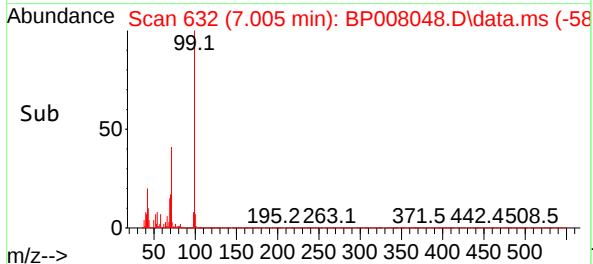
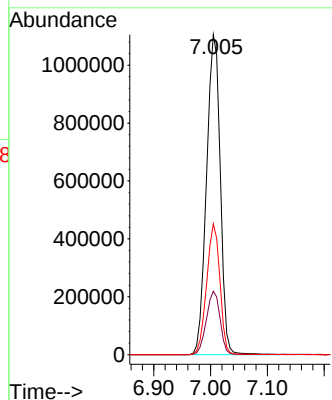
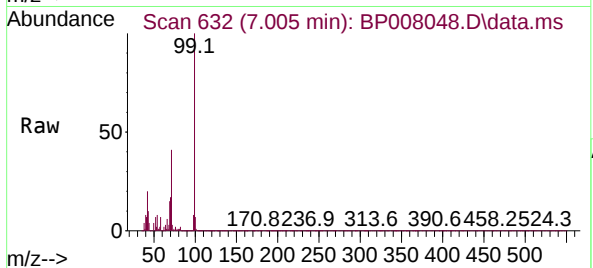




#7
Phenol-d6
Concen: 136.065 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

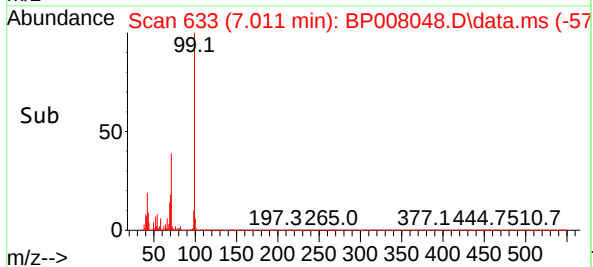
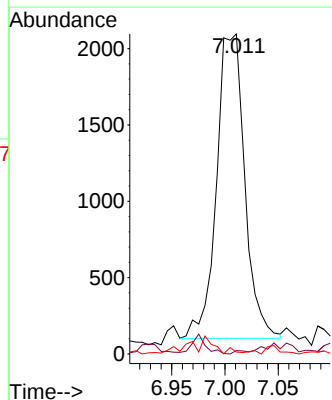
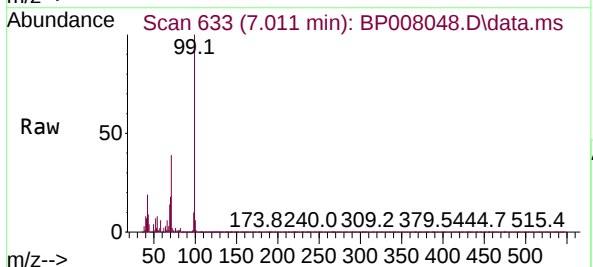
Instrument :
BNA_P
ClientSampleId :
PB140896BL

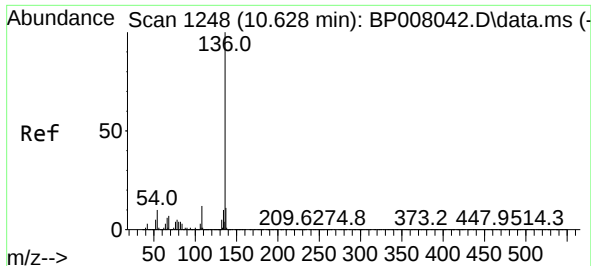
Tgt Ion: 99 Resp: 1853975
Ion Ratio Lower Upper
99 100
42 19.8 15.4 23.2
71 40.9 31.0 46.6



#9
Benzaldehyde
Concen: Below Cal
RT: 7.011 min Scan# 633
Delta R.T. 0.042 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Tgt Ion: 77 Resp: 3669
Ion Ratio Lower Upper
77 100
105 1.0 71.5 111.5#
106 0.6 67.9 107.9#

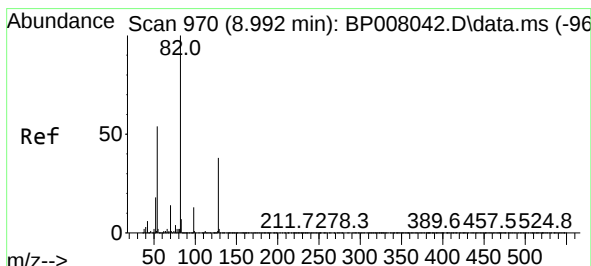
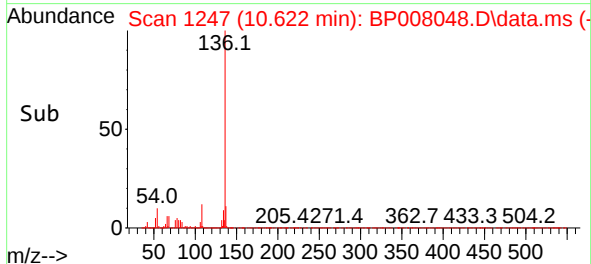
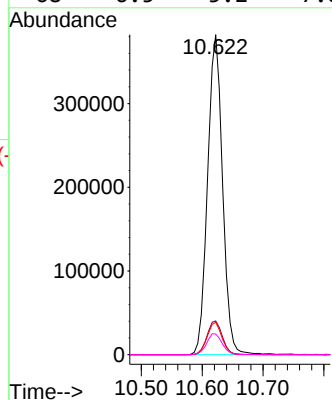
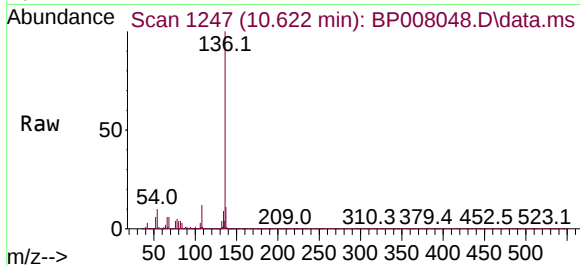




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

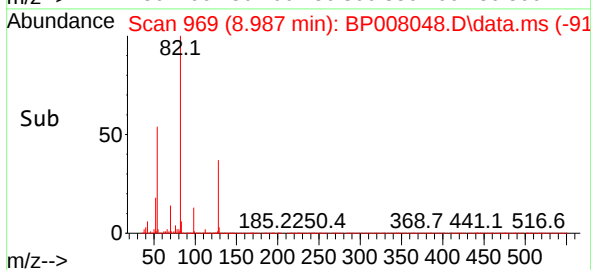
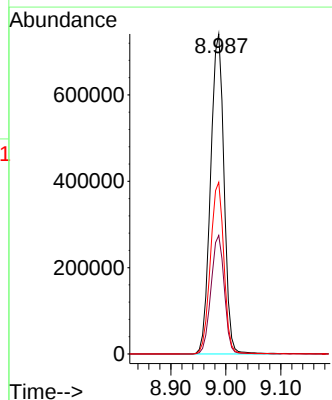
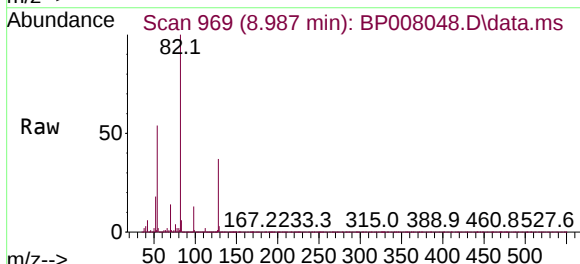
Instrument :
BNA_P
ClientSampleId :
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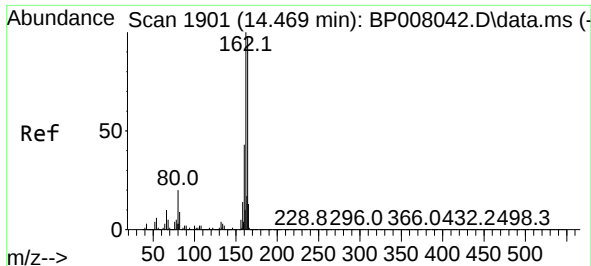
Tgt Ion:	136	Resp:	652201
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.1	8.0	12.0
68	6.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 87.701 ng
RT: 8.987 min Scan# 969
Delta R.T. -0.005 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Tgt Ion:	82	Resp:	1260854
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.2	45.2
54	53.6	43.1	64.7

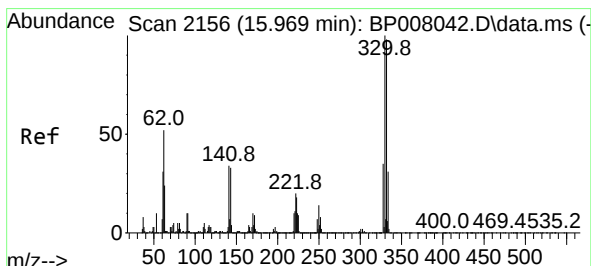
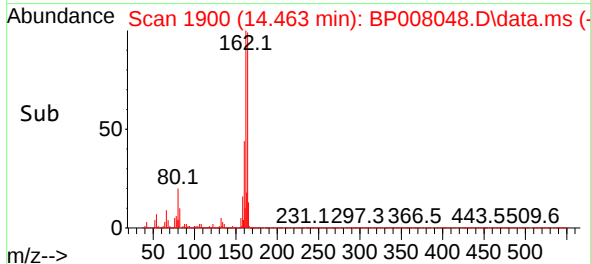
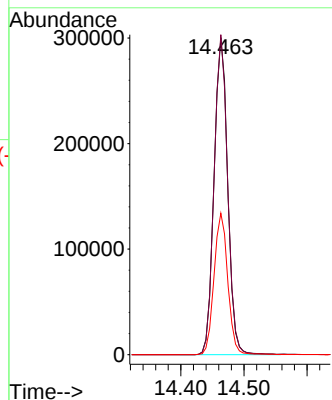
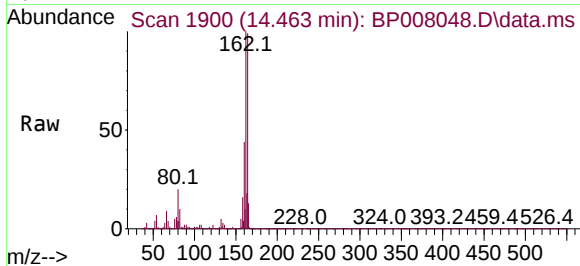




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

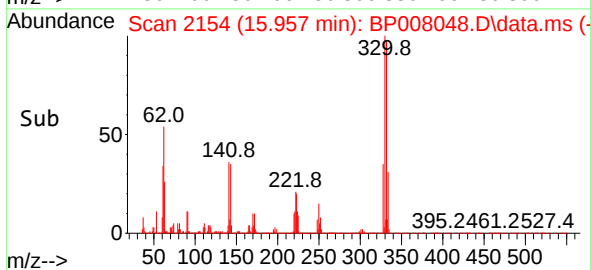
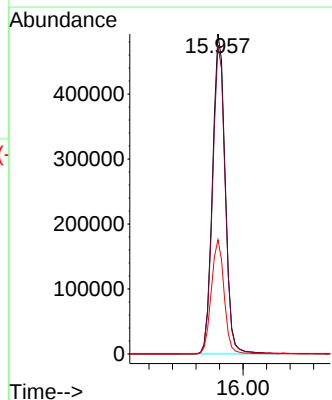
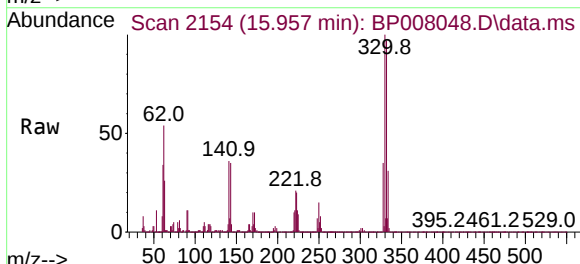
Instrument :
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ClientSampleId :
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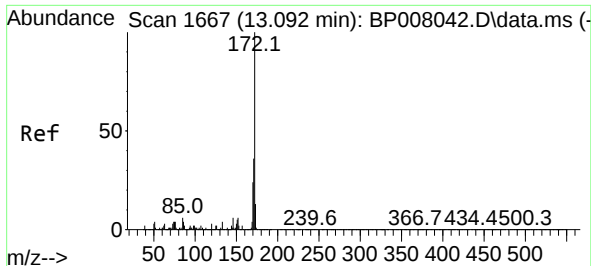
Tgt Ion:164 Resp: 450884
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.8
160 44.6 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 129.208 ng
RT: 15.957 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Tgt Ion:330 Resp: 737264
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 36.1 29.6 44.4

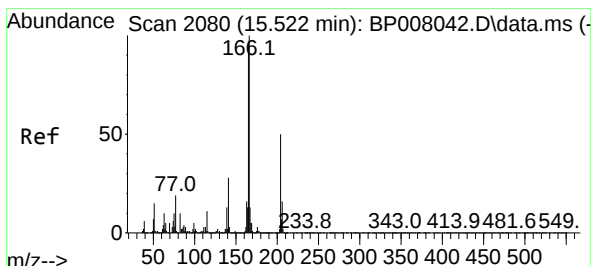
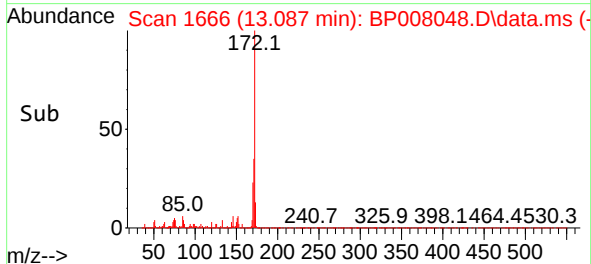
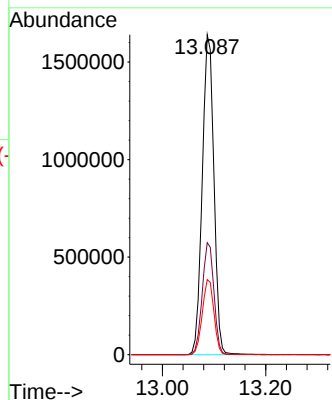
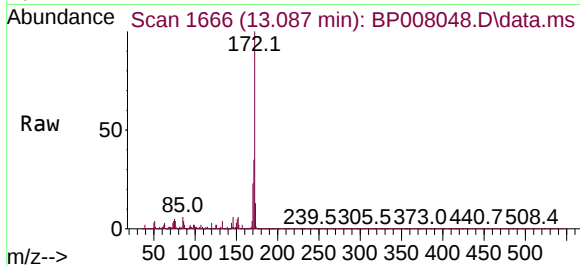




#45
2-Fluorobiphenyl
Concen: 89.242 ng
RT: 13.087 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

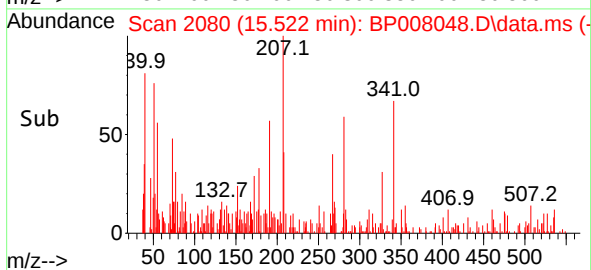
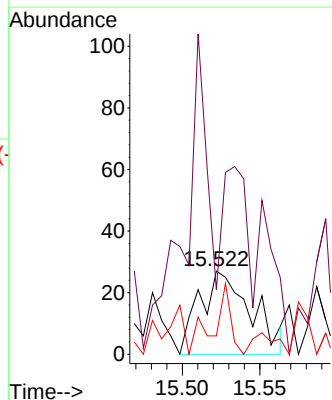
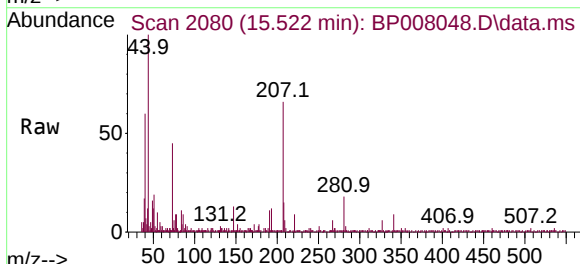
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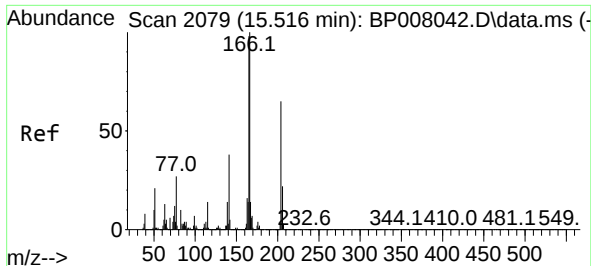
Tgt Ion:172 Resp: 2569722
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.0 28.4



#58
Fluorene
Concen: Below Cal
RT: 15.522 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Tgt Ion:166 Resp: 62
Ion Ratio Lower Upper
166 100
165 77.8 77.4 116.0
167 107.4 10.7 16.1#

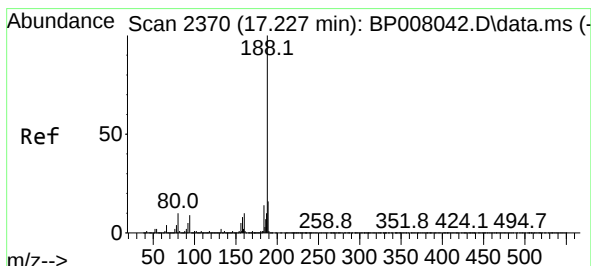
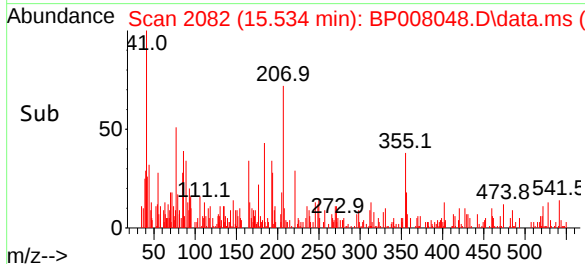
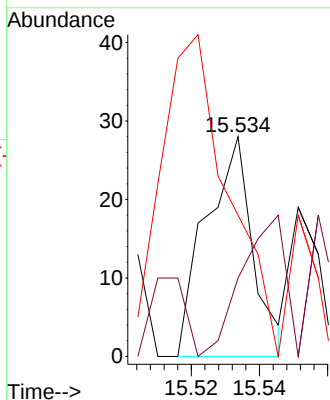
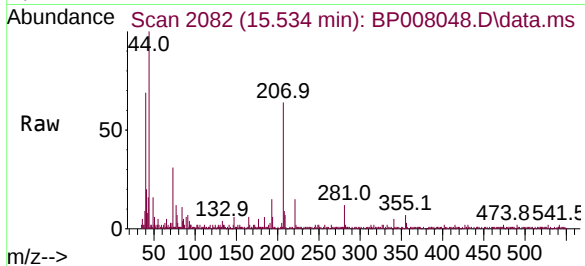




#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.534 min Scan# 2079
Delta R.T. 0.018 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

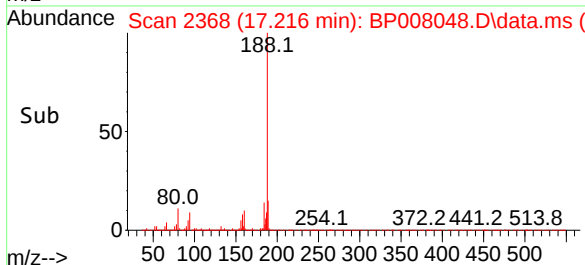
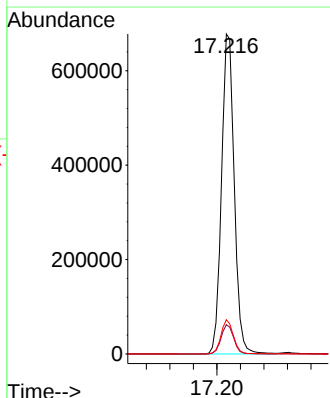
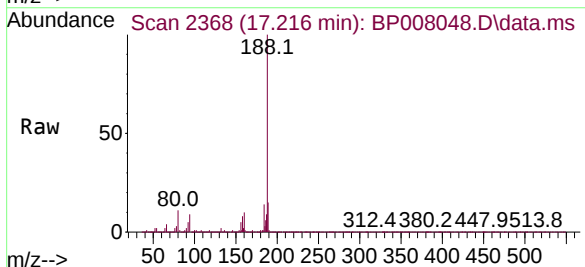
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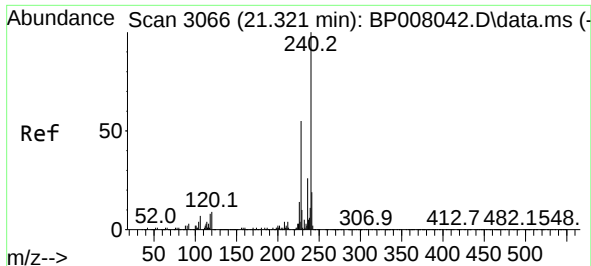
Tgt Ion:204 Resp: 27
Ion Ratio Lower Upper
204 100
206 35.7 27.3 40.9
141 64.3 46.7 70.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2368
Delta R.T. -0.011 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Tgt Ion:188 Resp: 1018717
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.7 8.1 12.1

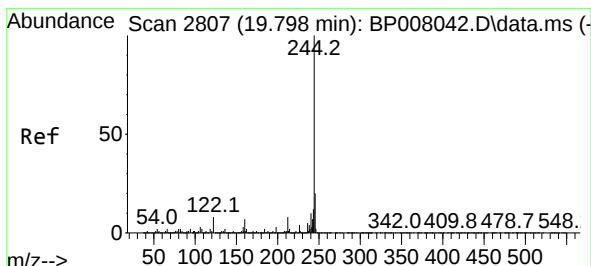
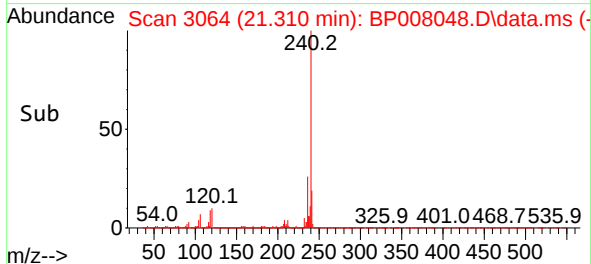
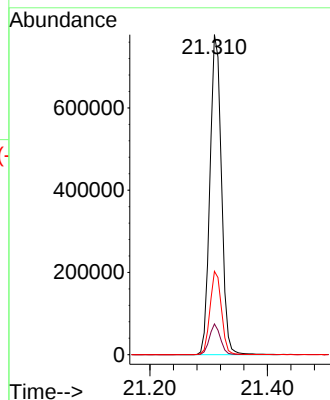
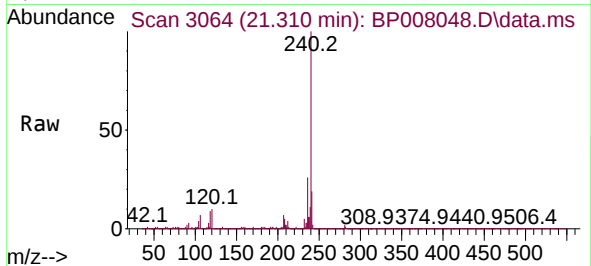




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3066
Delta R.T. -0.011 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

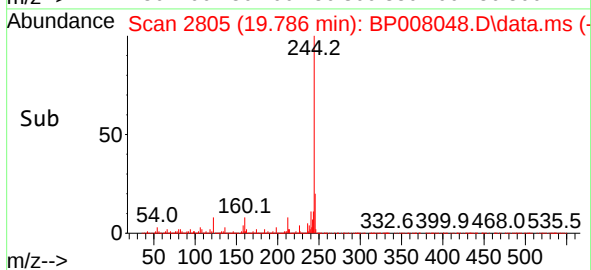
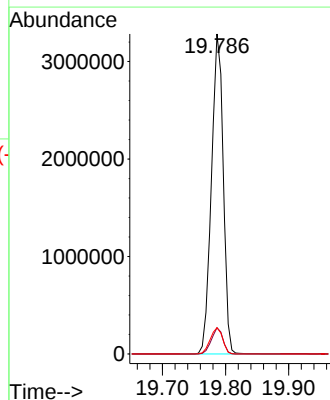
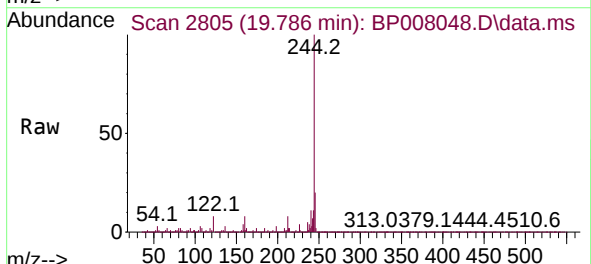
Instrument :
BNA_P
ClientSampleId :
PB140896BL

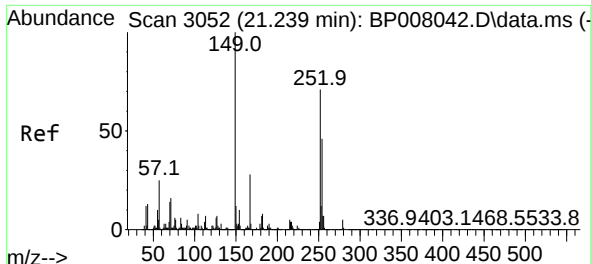
Tgt Ion:240 Resp: 1054082
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.2
236 26.0 21.0 31.4



#79
Terphenyl-d14
Concen: 79.423 ng
RT: 19.786 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Tgt Ion:244 Resp: 4258189
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 8.2 6.1 9.1

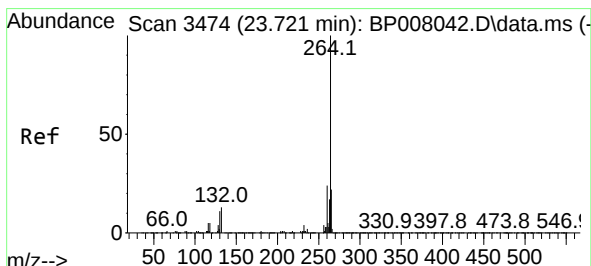
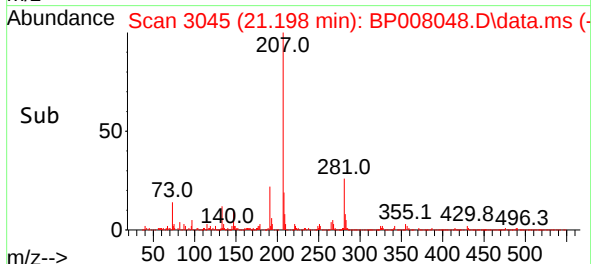
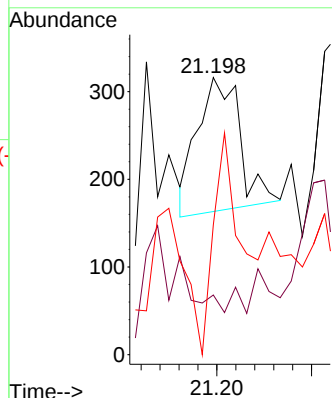
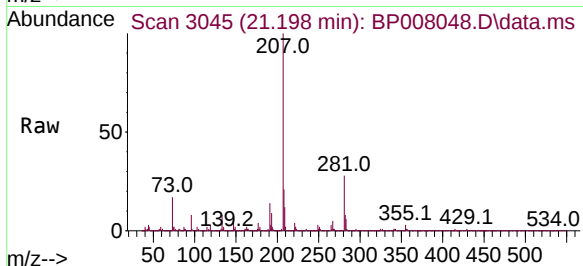




#82
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.198 min Scan# 3052
Delta R.T. -0.041 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Instrument :
BNA_P
ClientSampleId :
PB140896BL

Tgt Ion:252 Resp: 237
Ion Ratio Lower Upper
252 100
254 21.5 51.8 77.8#
126 46.8 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3471
Delta R.T. -0.017 min
Lab File: BP008048.D
Acq: 19 Nov 2021 21:24

Tgt Ion:264 Resp: 977016
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.9 17.7 26.5

