

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008214.D
 Acq On : 03 Dec 2021 20:16
 Operator : CG/JU
 Sample : M4915-13 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-6-4

Quant Time: Dec 06 00:00:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

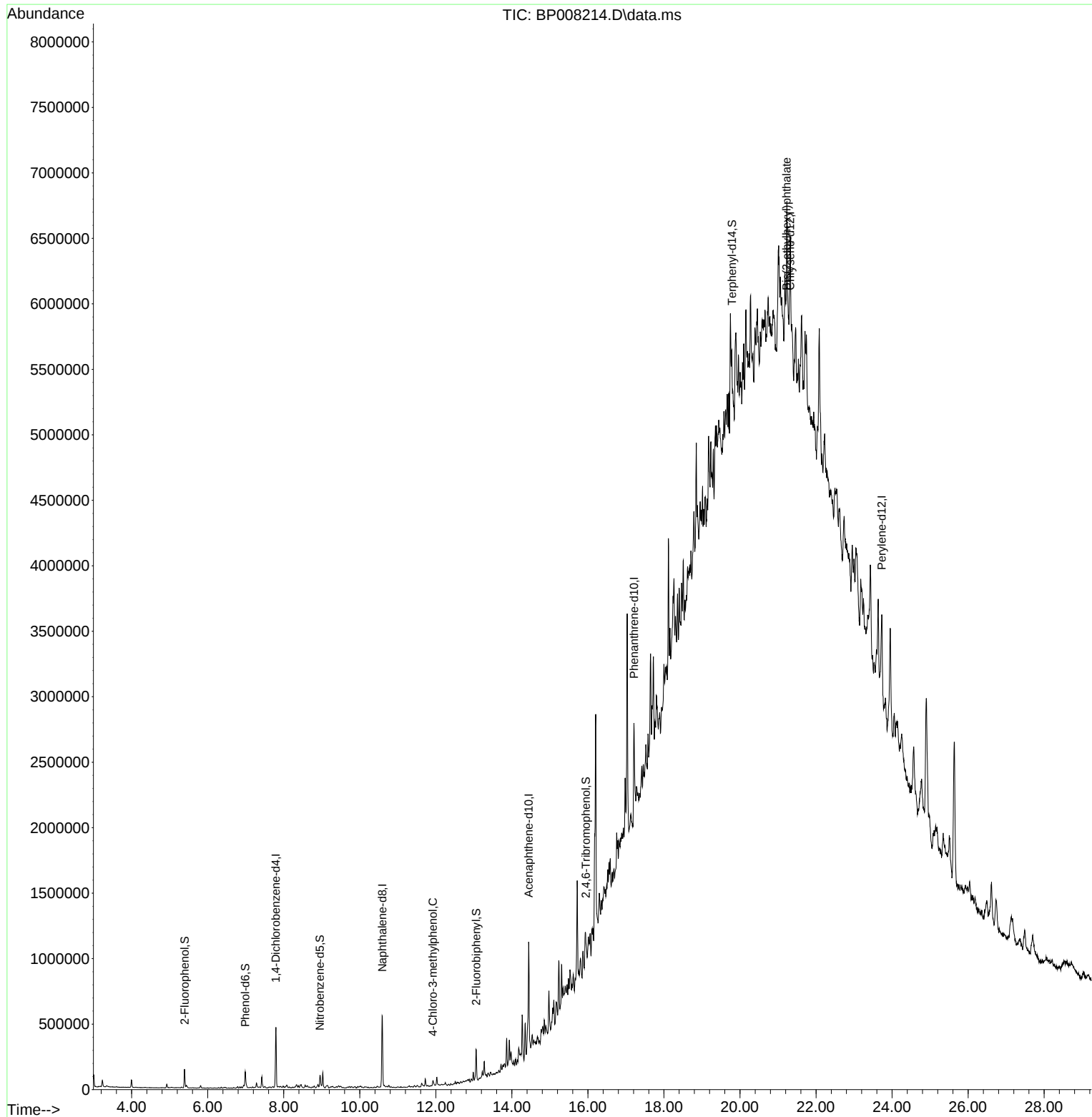
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	117360	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	426960	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	267640	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	423048	20.000	ng	0.00
76) Chrysene-d12	21.322	240	403294	20.000	ng	# 0.00
86) Perylene-d12	23.727	264	456916	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	58747	8.060	ng	0.00
7) Phenol-d6	6.987	99	76443	7.769	ng	0.00
23) Nitrobenzene-d5	8.952	82	60927	6.489	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	27414	8.014	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	131343	7.128	ng	0.00
79) Terphenyl-d14	19.786	244	141984	7.358	ng	0.00
Target Compounds						
9) Benzaldehyde	6.946	77	599	Below Cal	#	1
36) 4-Chloro-3-methylphenol	11.922	107	23184	2.890	ng	94
78) Pyrene	19.586	202	48412	Below Cal	#	50
84) Bis(2-ethylhexyl)phtha...	21.227	149	229622	13.169	ng	# 83

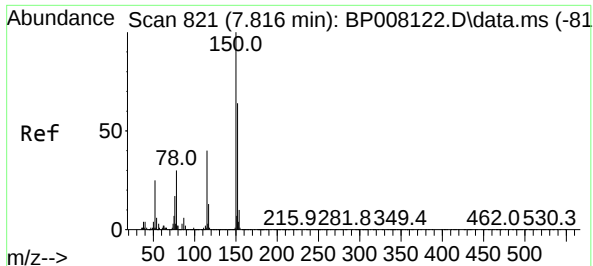
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

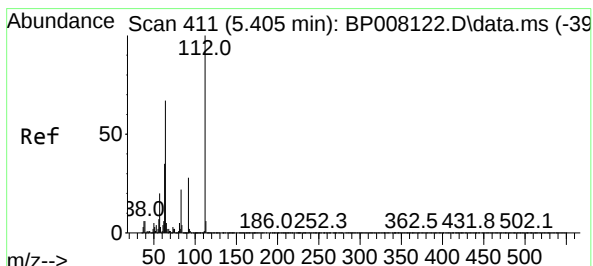
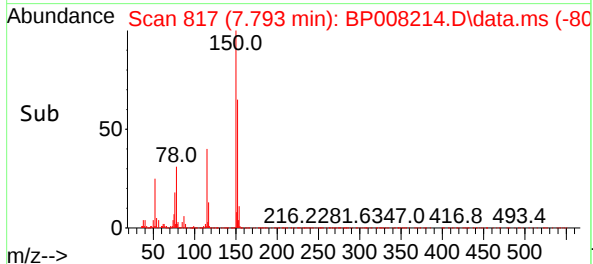
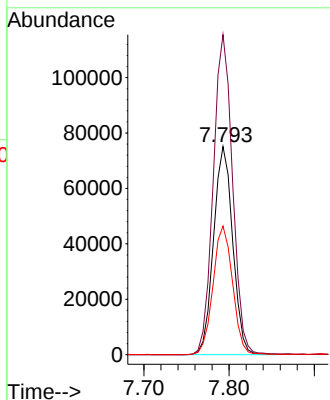
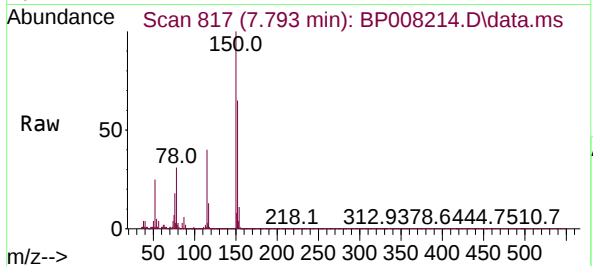




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

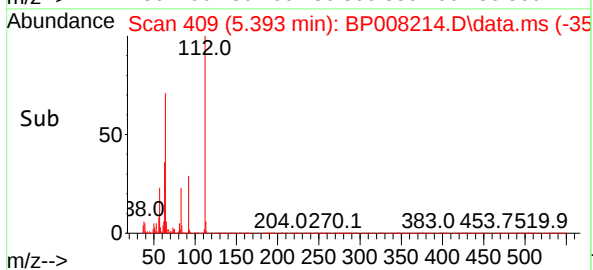
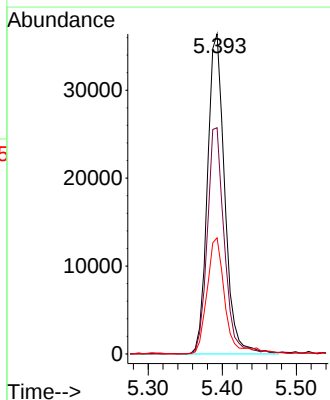
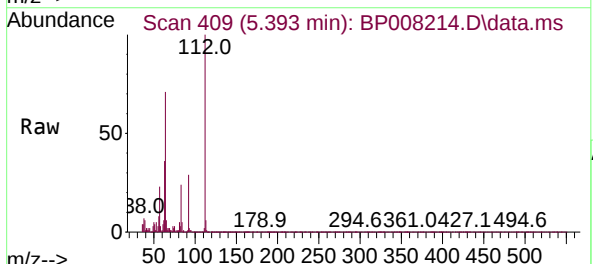
Instrument :
BNA_P
ClientSampleId :
B-6-4

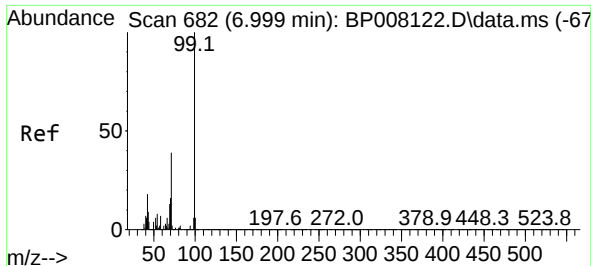
Tgt Ion:152 Resp: 117360
Ion Ratio Lower Upper
152 100
150 153.7 125.7 188.5
115 61.8 50.7 76.1



#5
2-Fluorophenol
Concen: 8.060 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

Tgt Ion:112 Resp: 58747
Ion Ratio Lower Upper
112 100
64 70.7 53.4 80.2
63 36.3 27.8 41.8





#7

Phenol-d6

Concen: 7.769 ng

RT: 6.987 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP008214.D

Acq: 03 Dec 2021 20:16

Instrument :

BNA_P

ClientSampleId :

B-6-4

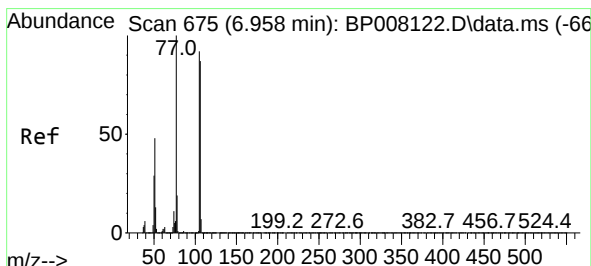
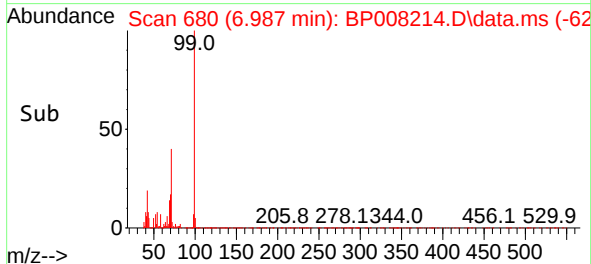
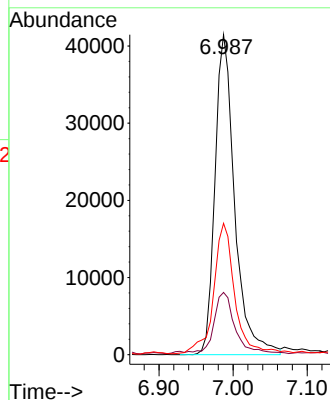
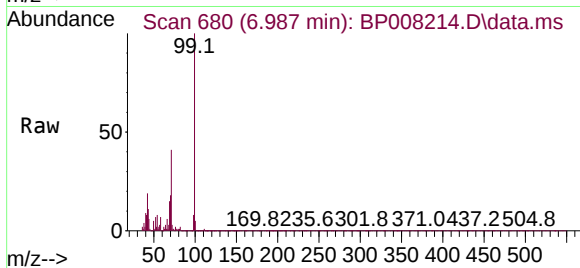
Tgt Ion: 99 Resp: 76443

Ion Ratio Lower Upper

99 100

42 19.5 14.6 22.0

71 41.0 31.1 46.7



#9

Benzaldehyde

Concen: Below Cal

RT: 6.946 min Scan# 673

Delta R.T. 0.006 min

Lab File: BP008214.D

Acq: 03 Dec 2021 20:16

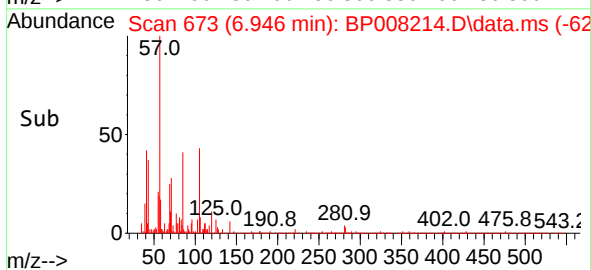
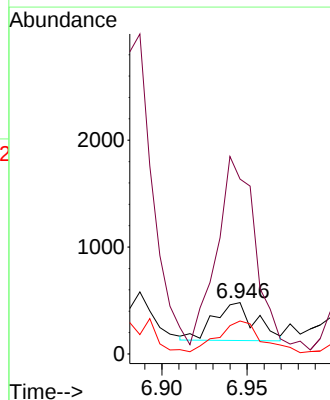
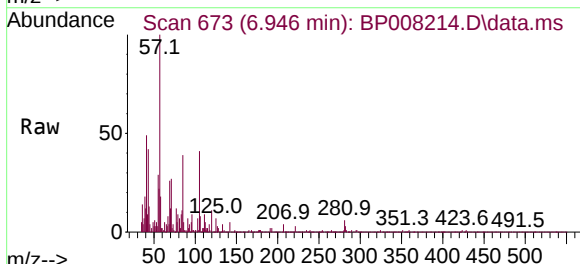
Tgt Ion: 77 Resp: 599

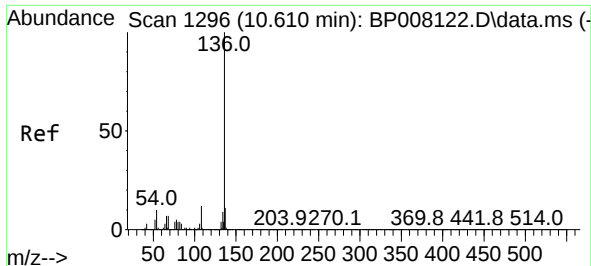
Ion Ratio Lower Upper

77 100

105 340.1 71.8 111.8#

106 64.2 67.3 107.3#

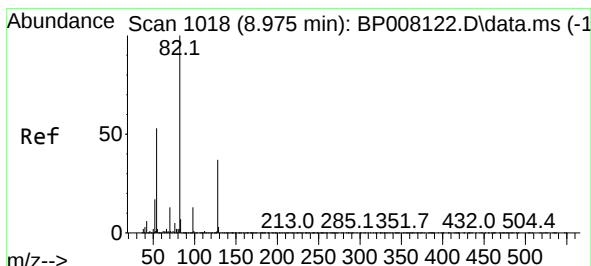
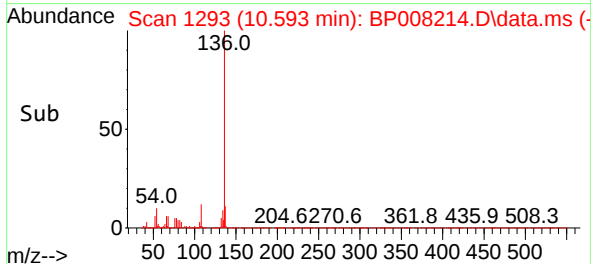
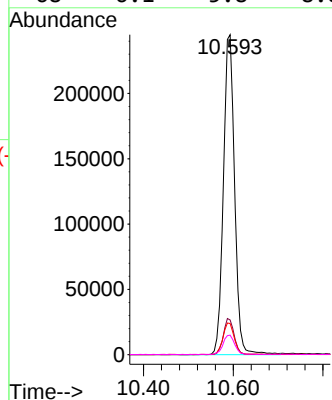
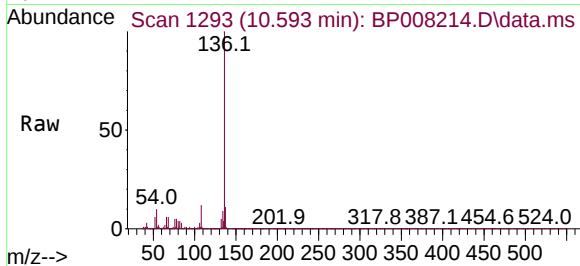




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

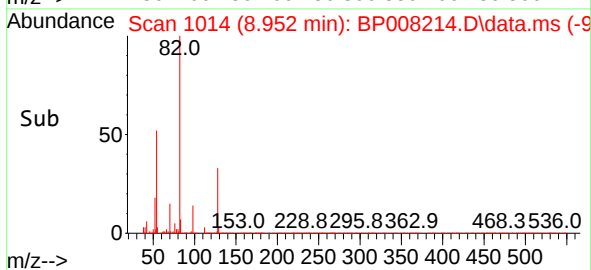
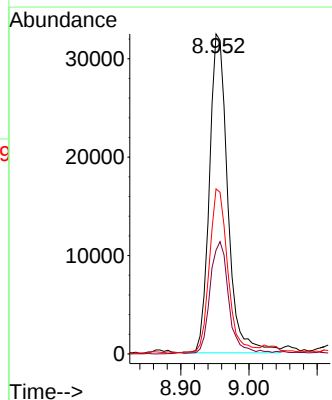
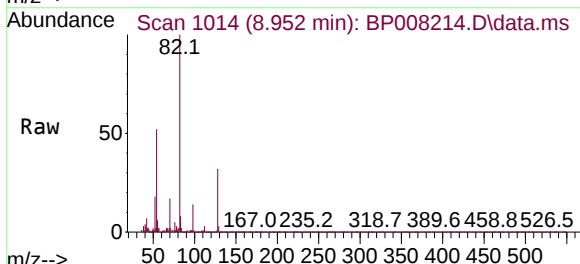
Instrument :
BNA_P
ClientSampleId :
B-6-4

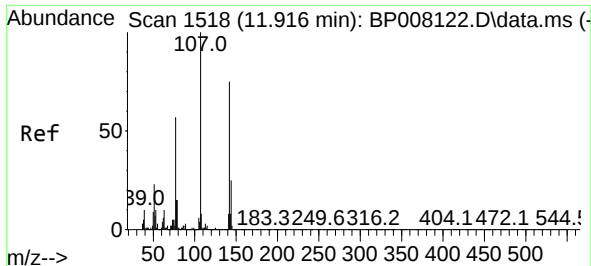
Tgt Ion:	136	Resp:	426960
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	9.7	8.2	12.4
68	6.1	5.8	8.8



#23
Nitrobenzene-d5
Concen: 6.489 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

Tgt Ion:	82	Resp:	60927
Ion Ratio	Lower	Upper	
82	100		
128	32.5	29.6	44.4
54	51.6	42.7	64.1

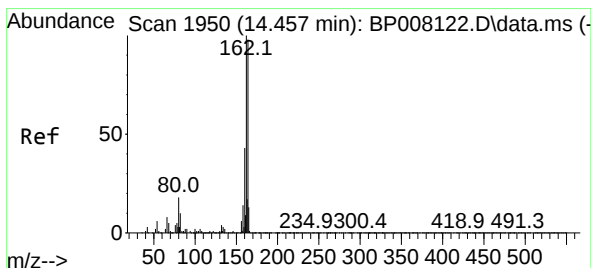
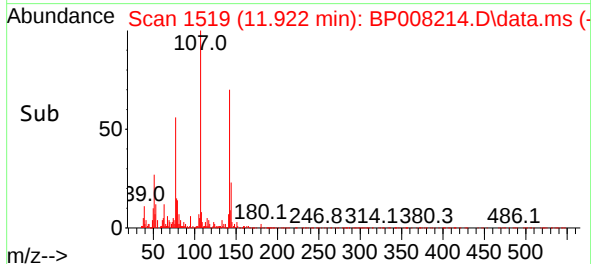
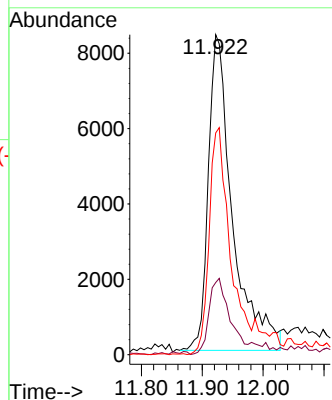
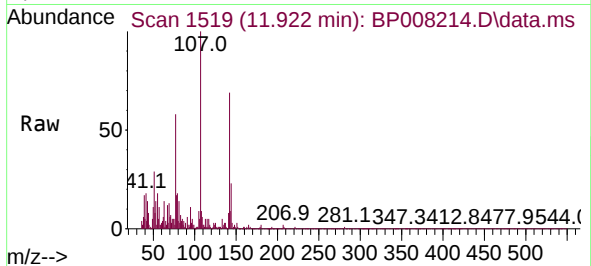




#36
4-Chloro-3-methylphenol
Concen: 2.890 ng
RT: 11.922 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

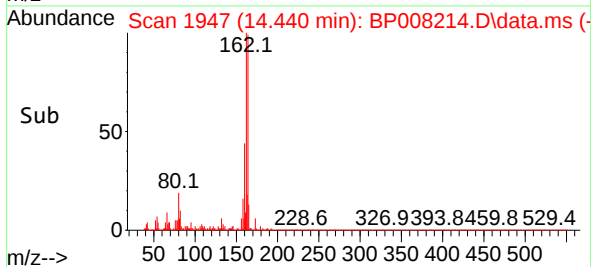
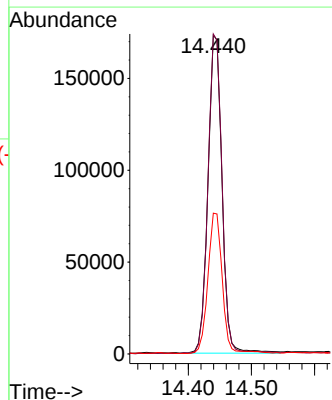
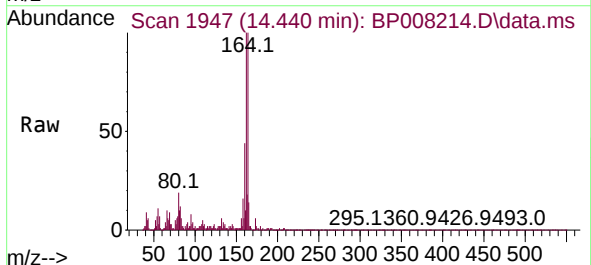
Instrument :
BNA_P
ClientSampleId :
B-6-4

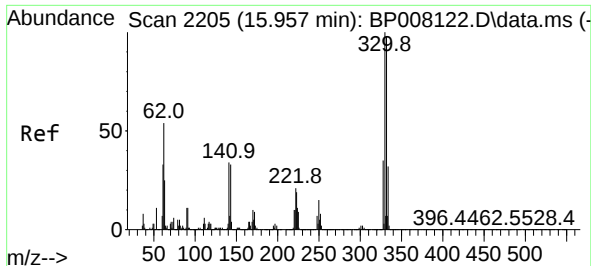
Tgt Ion:	107	Resp:	23184
Ion Ratio	Lower	Upper	
107	100		
144	22.6	19.7	29.5
142	69.3	59.6	89.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

Tgt Ion:	164	Resp:	267640
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.9	122.9
160	44.2	35.4	53.0

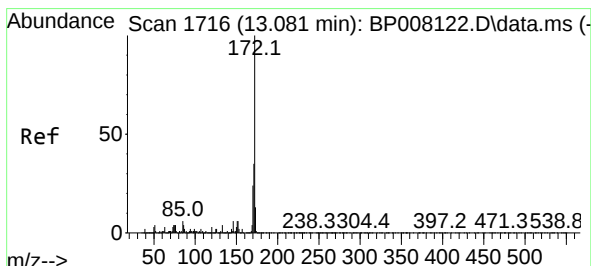
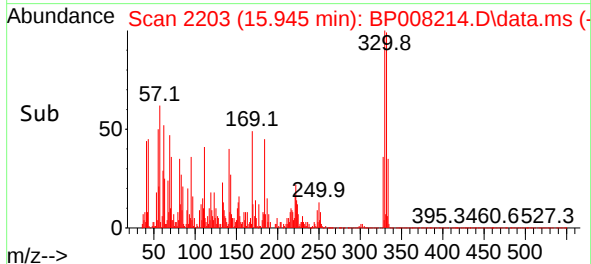
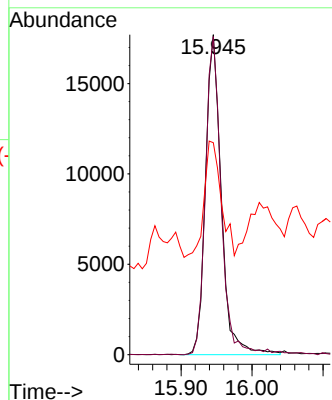
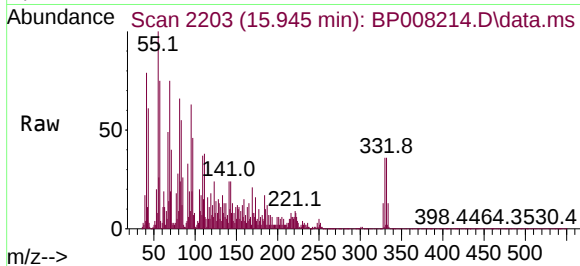




#42
2,4,6-Tribromophenol
Concen: 8.014 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

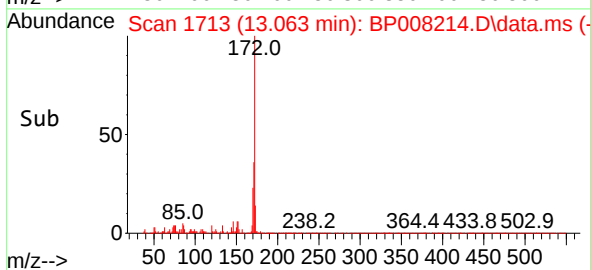
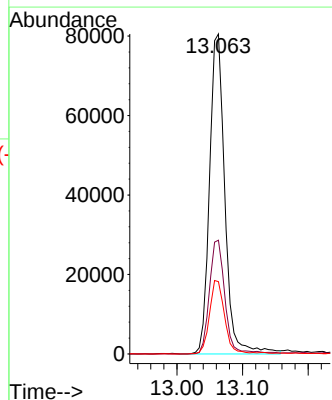
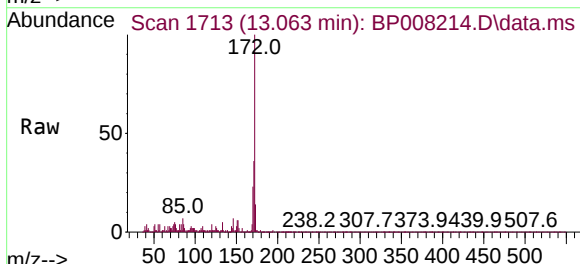
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ClientSampleId :
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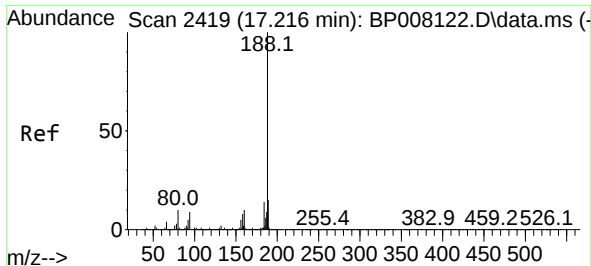
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.4
141	37.1	28.4	42.6



#45
2-Fluorobiphenyl
Concen: 7.128 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	22.6	18.9	28.3

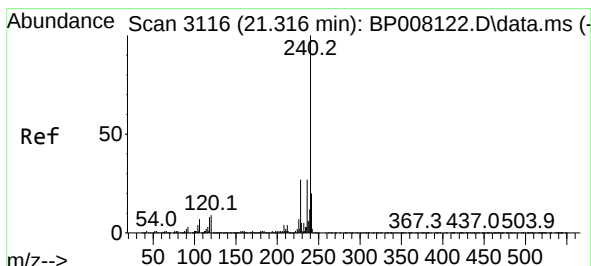
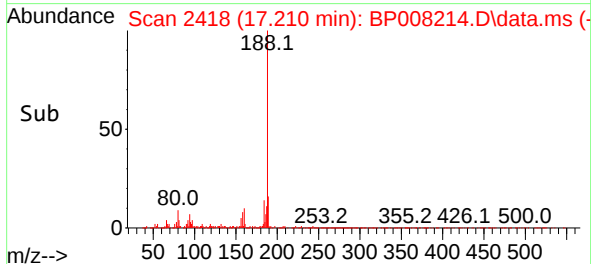
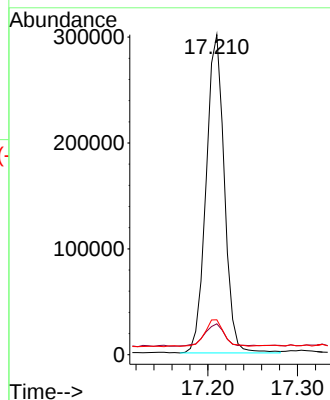
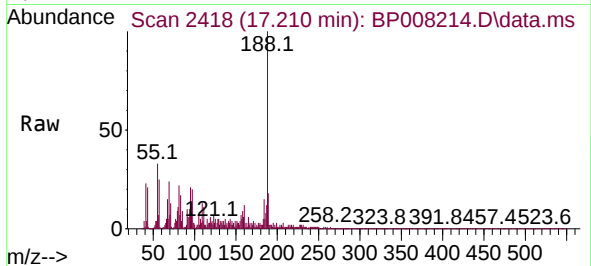




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

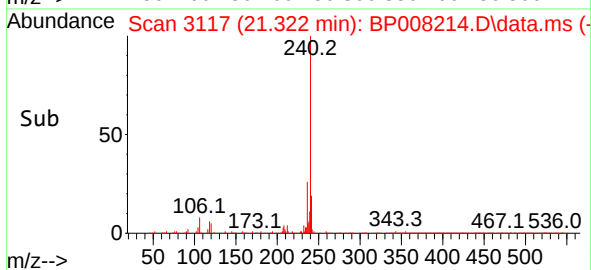
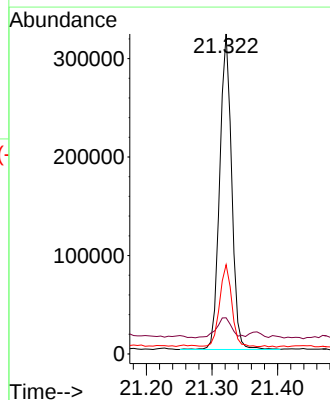
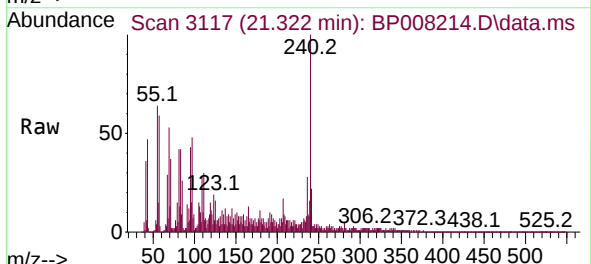
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BNA_P
ClientSampleId :
B-6-4

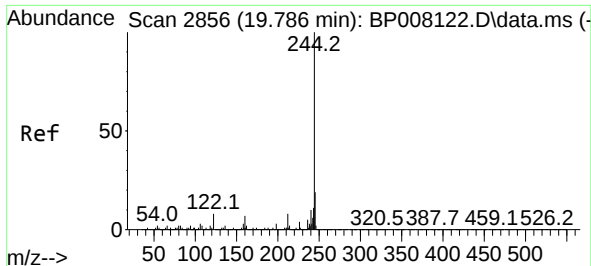
Tgt Ion:188 Resp: 423048
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

Tgt Ion:240 Resp: 403294
Ion Ratio Lower Upper
240 100
120 11.3 7.3 10.9#
236 27.9 21.4 32.2

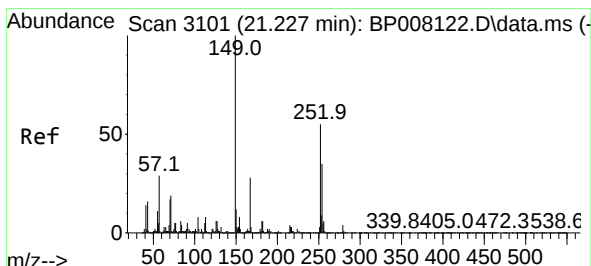
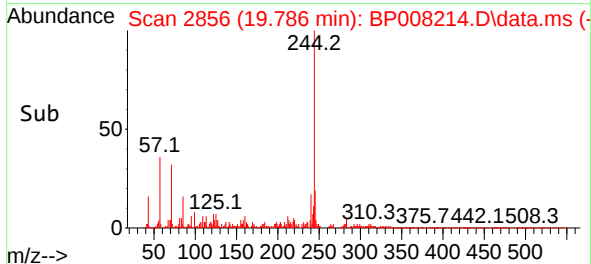
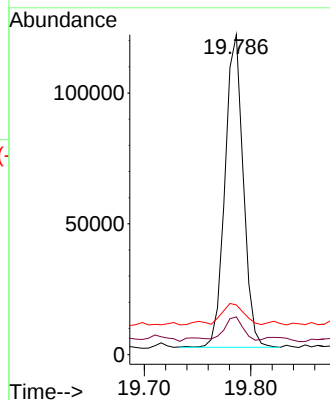
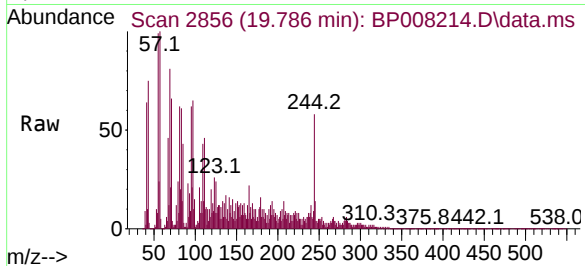




#79
 Terphenyl-d14
 Concen: 7.358 ng
 RT: 19.786 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP008214.D
 Acq: 03 Dec 2021 20:16

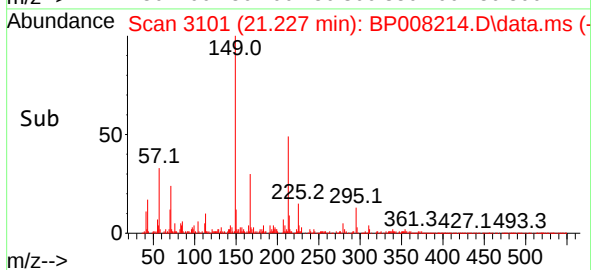
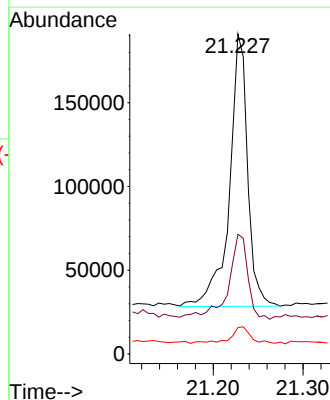
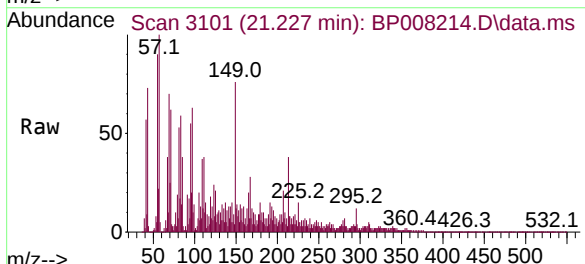
Instrument :
 BNA_P
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 B-6-4

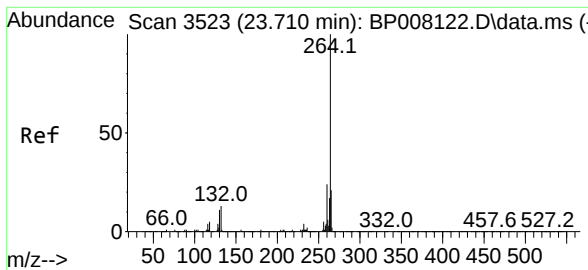
Tgt Ion:244 Resp: 141984
 Ion Ratio Lower Upper
 244 100
 212 11.8 6.0 9.0#
 122 15.5 6.6 9.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 13.169 ng
 RT: 21.227 min Scan# 3101
 Delta R.T. 0.000 min
 Lab File: BP008214.D
 Acq: 03 Dec 2021 20:16

Tgt Ion:149 Resp: 229622
 Ion Ratio Lower Upper
 149 100
 167 37.4 22.5 33.7#
 279 8.3 3.5 5.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP008214.D
Acq: 03 Dec 2021 20:16

Instrument :
BNA_P
ClientSampleId :
B-6-4

Tgt Ion:264 Resp: 456916

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.9	17.6	26.4

