

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007387.D
 Acq On : 08 Oct 2021 22:42
 Operator : CG/JU
 Sample : M3477-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-31

Quant Time: Oct 09 06:19:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:35:55 2021
 Response via : Initial Calibration

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

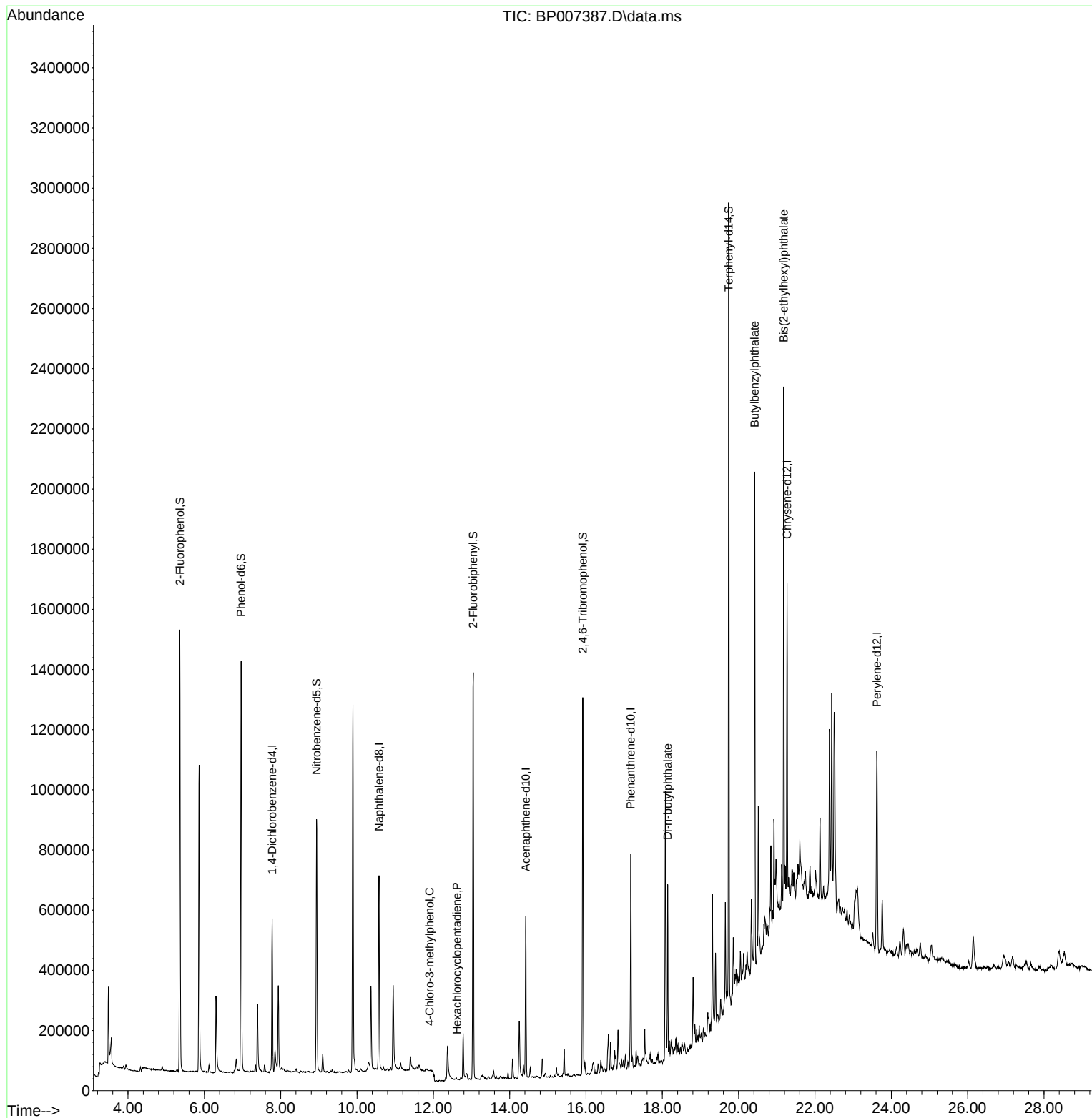
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	140664	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	529606	20.000	ng	# 0.00
39) Acenaphthene-d10	14.422	164	184463	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	412538	20.000	ng	-0.01
76) Chrysene-d12	21.268	240	471604	20.000	ng	-0.01
86) Perylene-d12	23.621	264	534688	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	674325	78.991	ng	0.00
7) Phenol-d6	6.963	99	831909	72.587	ng	0.00
23) Nitrobenzene-d5	8.940	82	493977	54.934	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	293372	96.957	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	682774	51.720	ng	0.00
79) Terphenyl-d14	19.739	244	1286279	48.106	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	55	Below Cal	#	30
36) 4-Chloro-3-methylphenol	11.904	107	415	2.364	ng	# 35
41) Hexachlorocyclopentadiene	12.616	237	5	6.056	ng	82
66) n-Nitrosodiphenylamine	15.686	169	323	Below Cal		88
68) Hexachlorobenzene	16.475	284	48	Below Cal	#	1
69) Atrazine	16.569	200	3720	Below Cal	#	41
74) Di-n-butylphthalate	18.139	149	397490	15.269	ng	99
80) Butylbenzylphthalate	20.421	149	531189	42.340	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.180	149	682716	39.100	ng	# 97
88) Benzo(b)fluoranthene	22.910	252	10041	Below Cal	#	33
89) Benzo(k)fluoranthene	22.910	252	10041	Below Cal	#	34

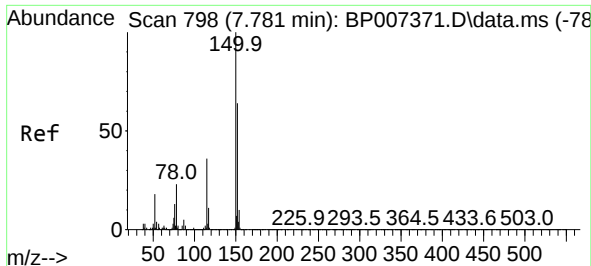
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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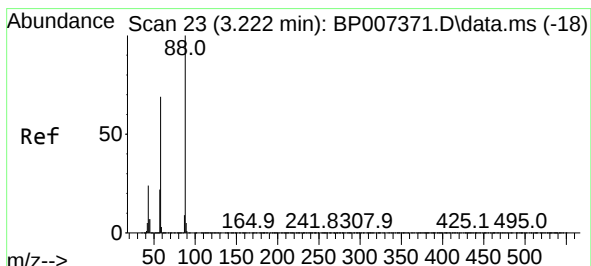
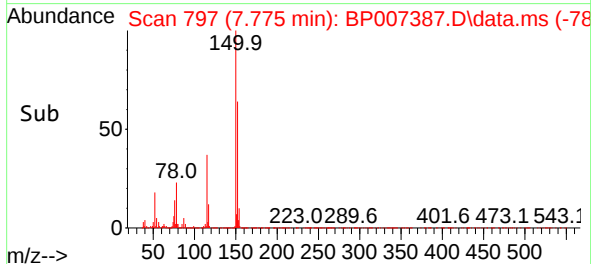
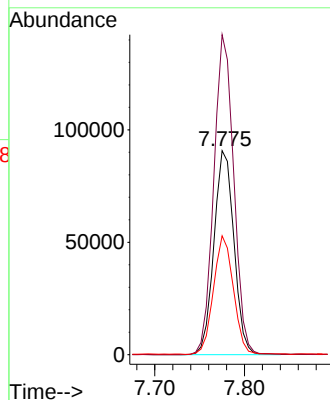
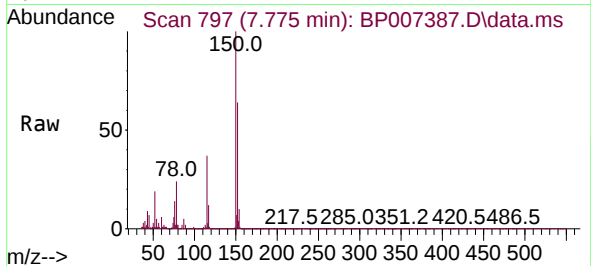




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

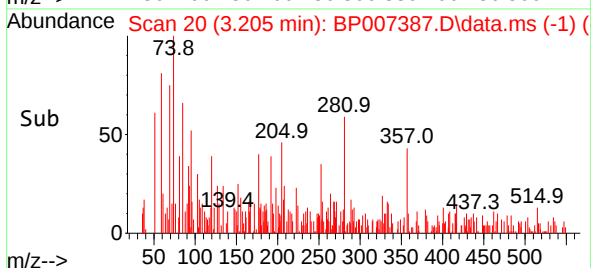
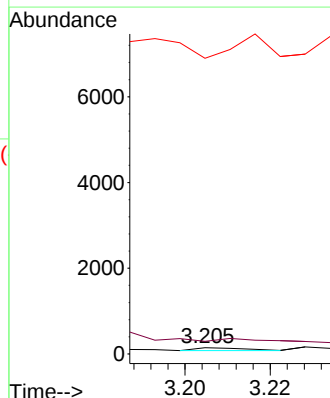
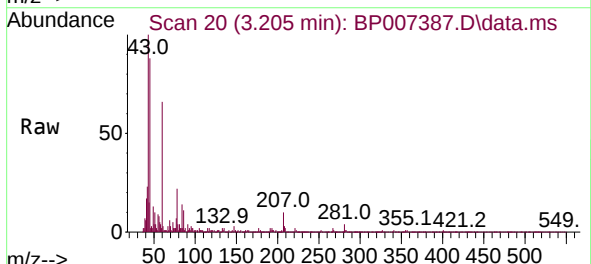
Instrument :
BNA_P
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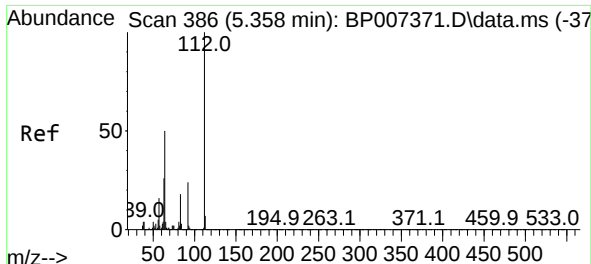
Tgt Ion:152 Resp: 140664
Ion Ratio Lower Upper
152 100
150 156.9 125.6 188.4
115 58.3 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.205 min Scan# 20
Delta R.T. -0.017 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 0.0 46.7 70.1#
43 0.0 20.3 30.5#

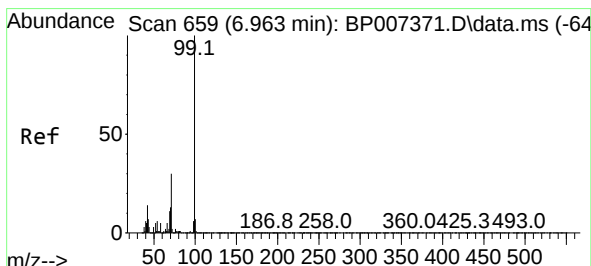
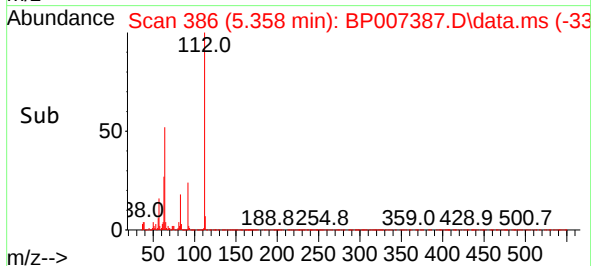
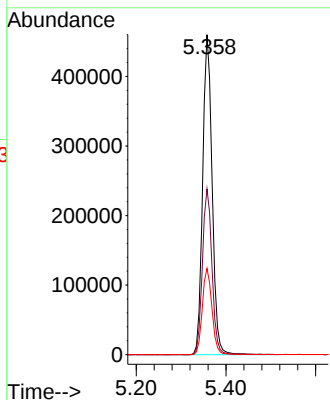
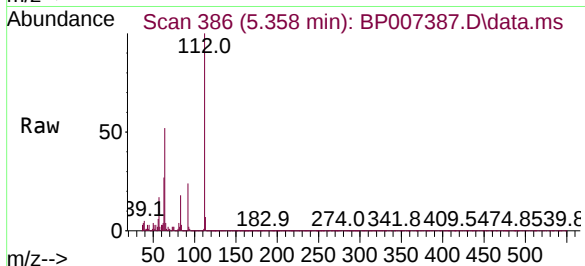




#5
2-Fluorophenol
Concen: 78.991 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

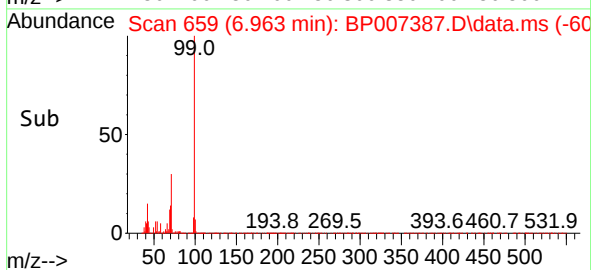
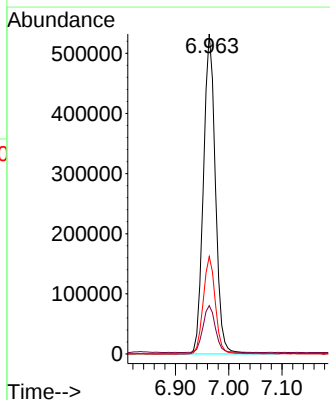
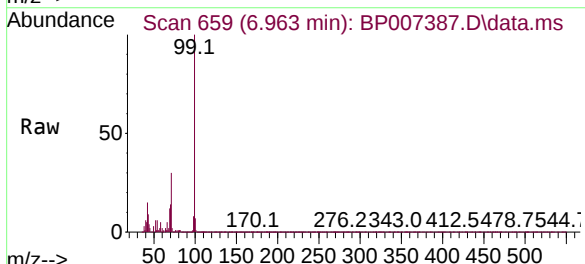
Instrument :
BNA_P
ClientSampleId :
CC-31

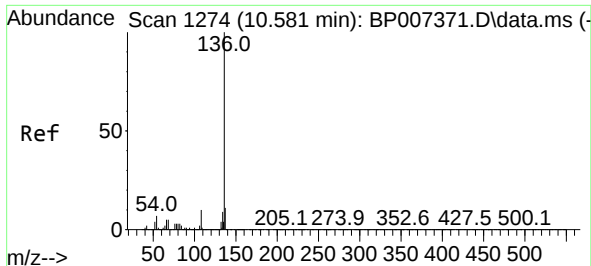
Tgt Ion:112 Resp: 674325
Ion Ratio Lower Upper
112 100
64 51.8 41.4 62.2
63 27.0 23.8 35.8



#7
Phenol-d6
Concen: 72.587 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion: 99 Resp: 831909
Ion Ratio Lower Upper
99 100
42 15.1 13.4 20.0
71 30.4 30.6 46.0#

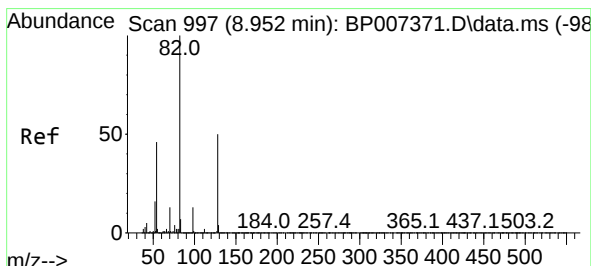
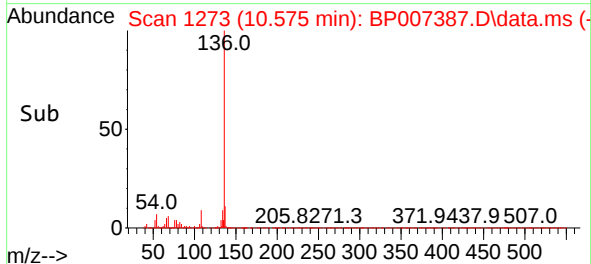
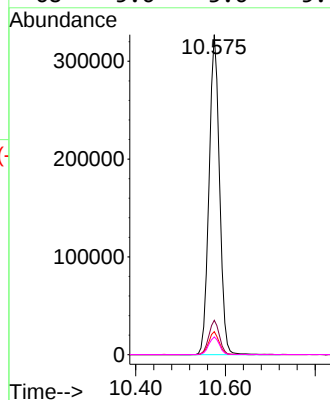
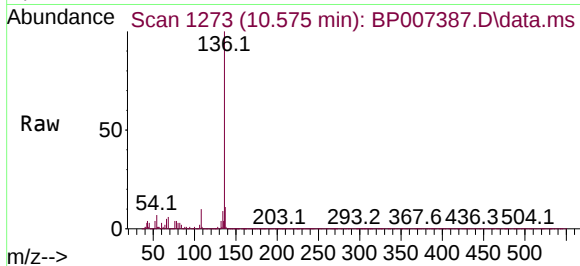




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

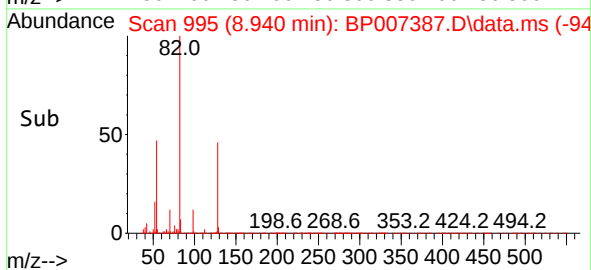
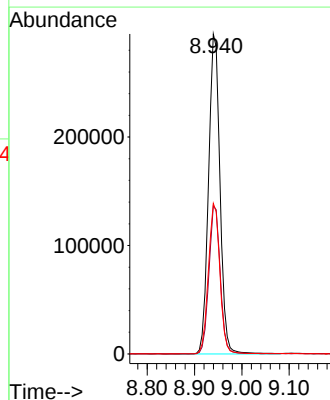
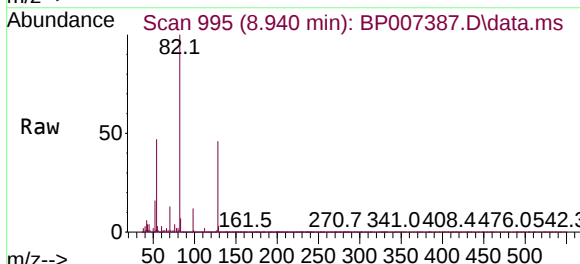
Instrument :
BNA_P
ClientSampleId :
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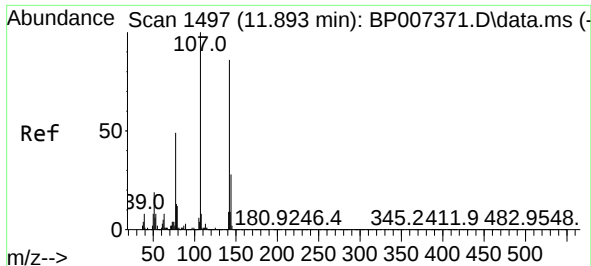
Tgt Ion:	136	Resp:	529606
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	7.2	4.6	6.8#
68	5.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 54.934 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion:	82	Resp:	493977
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.7	53.5
54	47.0	35.0	52.4

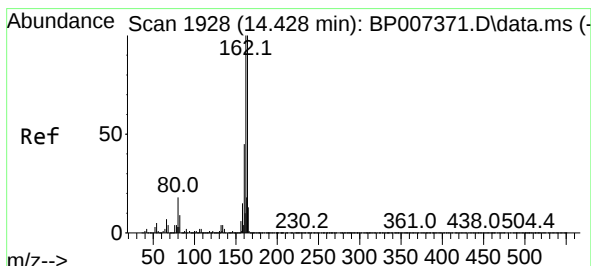
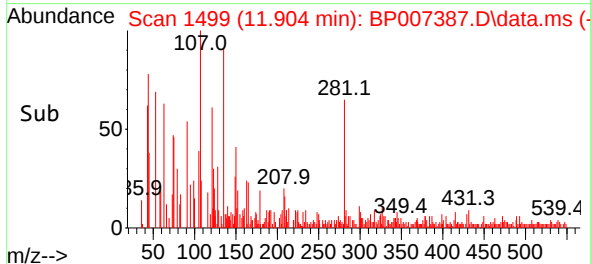
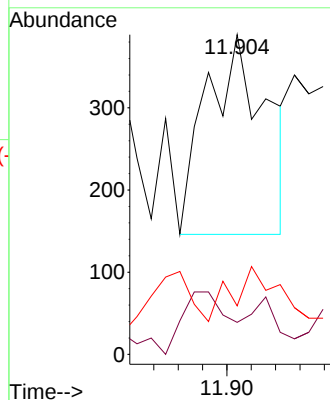
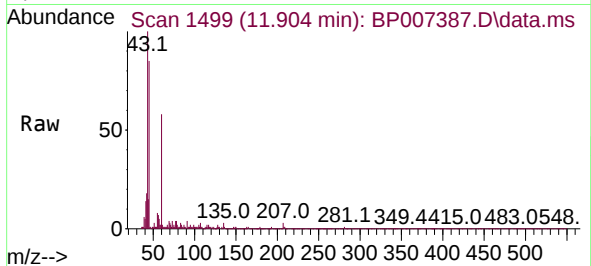




#36
4-Chloro-3-methylphenol
Concen: 2.364 ng
RT: 11.904 min Scan# 1499
Delta R.T. 0.011 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

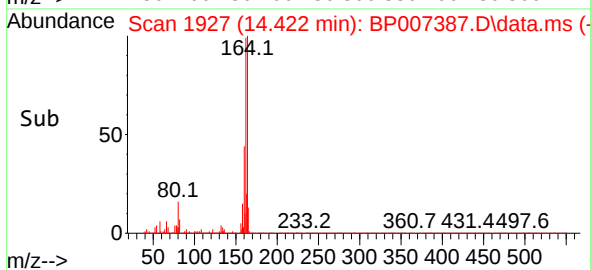
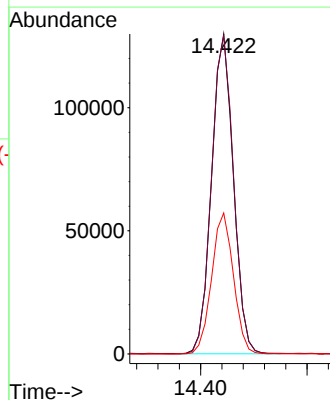
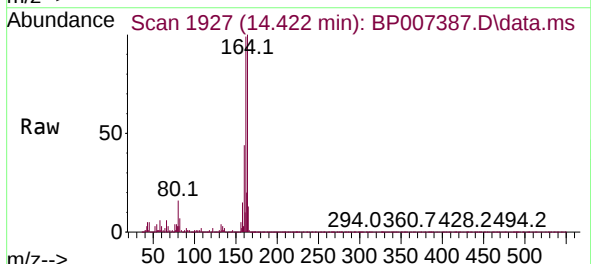
Instrument :
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ClientSampleId :
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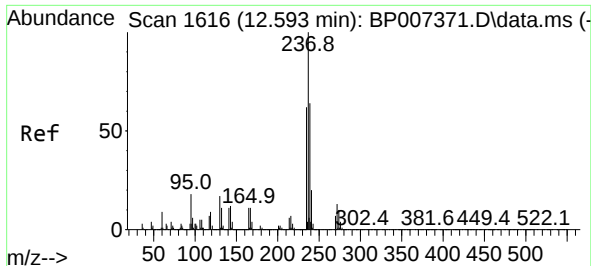
Tgt Ion:107 Resp: 415
Ion Ratio Lower Upper
107 100
144 10.0 21.1 31.7#
142 15.2 66.0 99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion:164 Resp: 184463
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 44.1 34.5 51.7

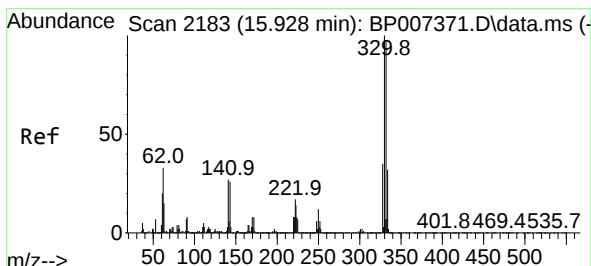
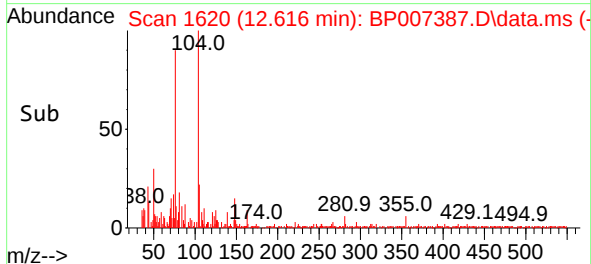
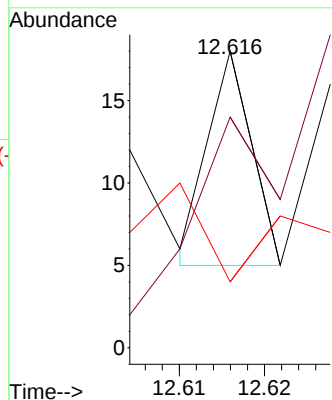
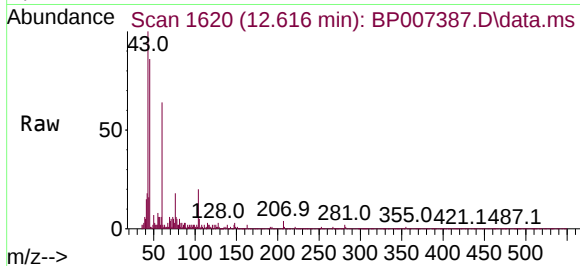




#41
Hexachlorocyclopentadiene
Concen: 6.056 ng
RT: 12.616 min Scan# 1620
Delta R.T. 0.023 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

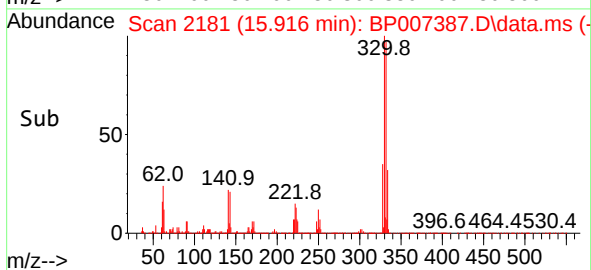
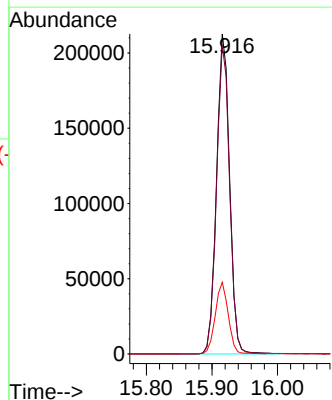
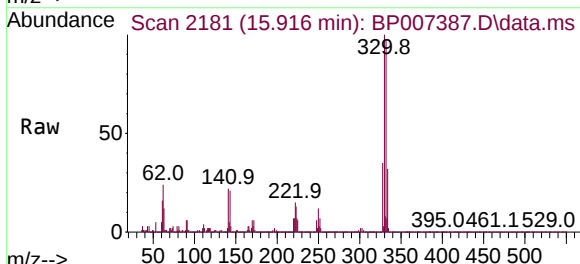
Instrument :
BNA_P
ClientSampled :
CC-31

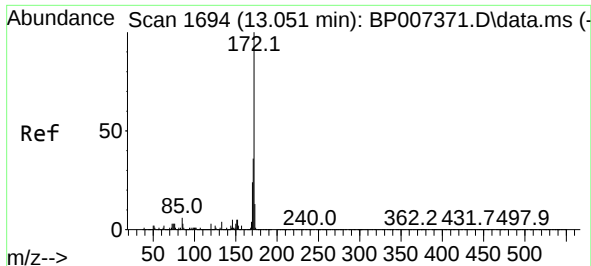
Tgt Ion:237	Resp:	5	
Ion	Ratio	Lower	Upper
237	100		
235	77.8	44.5	84.5
272	22.2	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 96.957 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt	Ion:330	Resp:	293372
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.8
141	22.3	25.4	38.2#

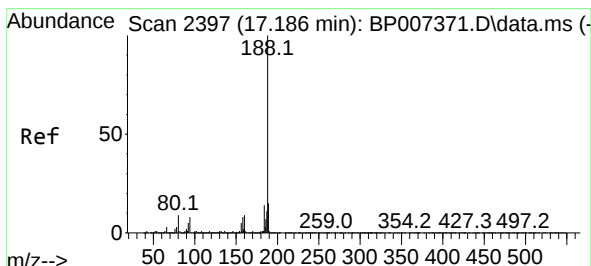
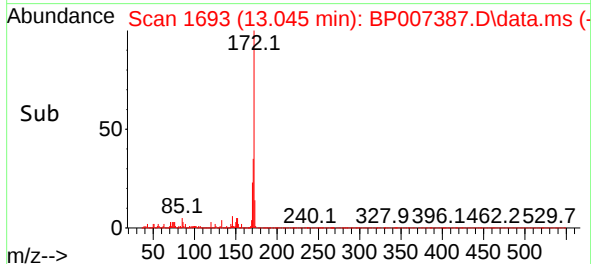
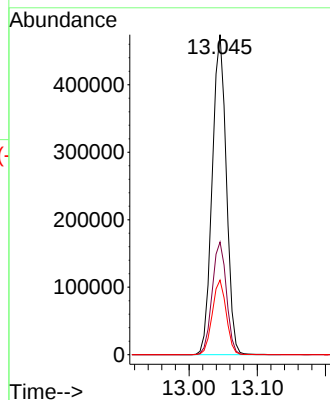
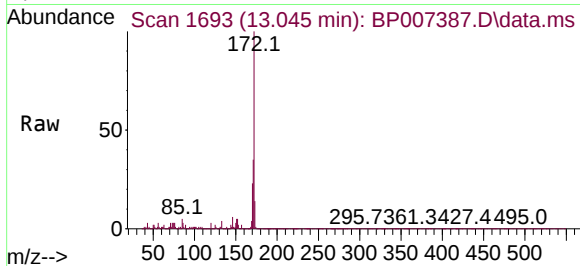




#45
2-Fluorobiphenyl
Concen: 51.720 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

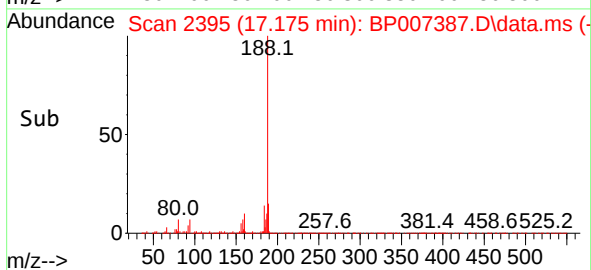
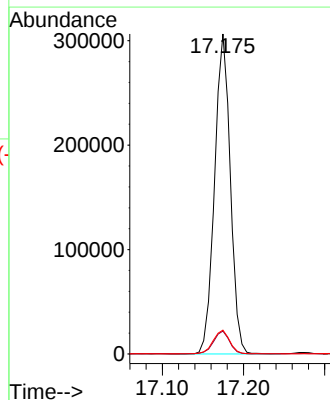
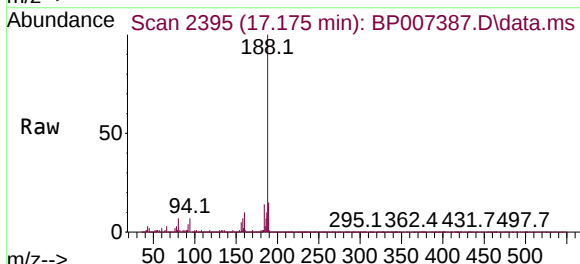
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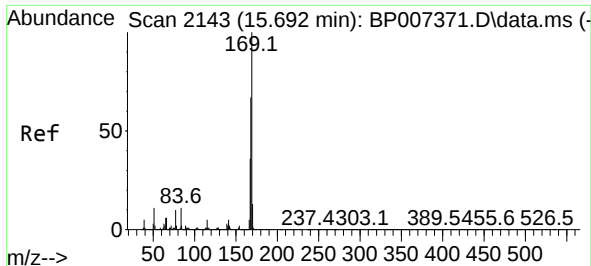
Tgt Ion:	172	Resp:	682774
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.9	41.9
170	23.3	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion:	188	Resp:	412538
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.6	8.4
80	7.5	6.3	9.5

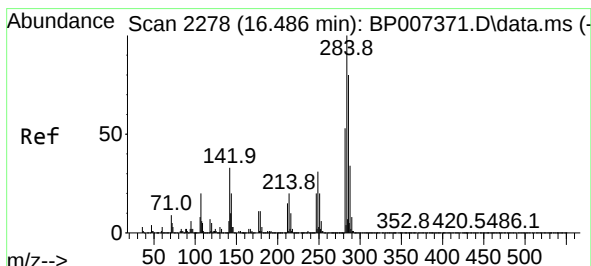
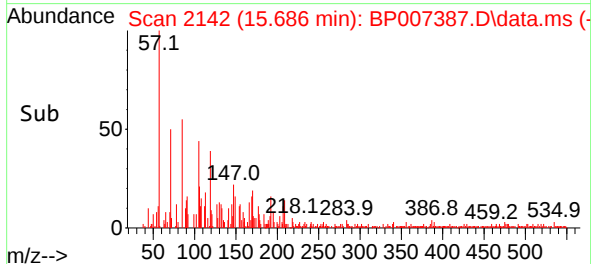
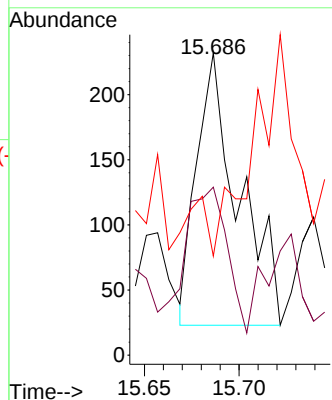
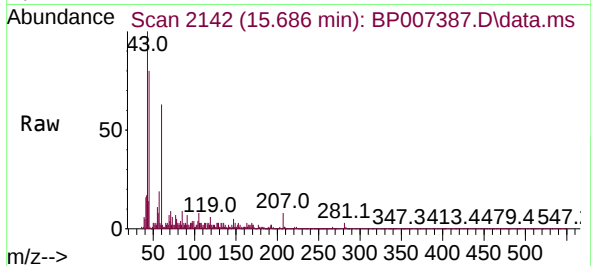




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

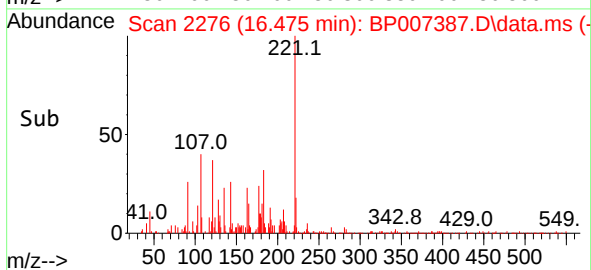
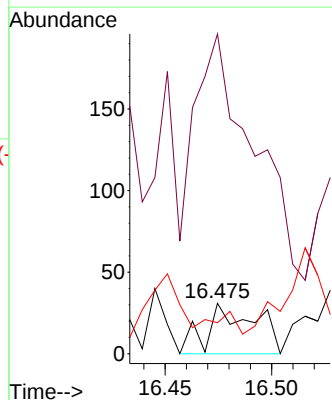
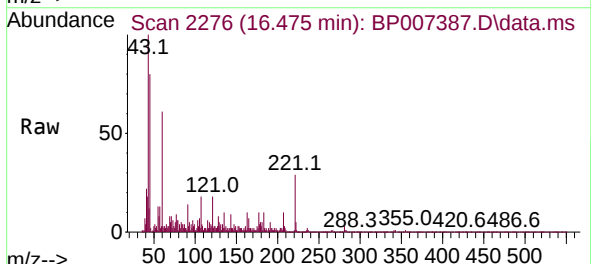
Instrument :
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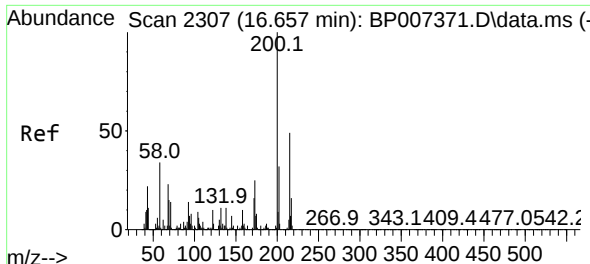
Tgt Ion:	169	Resp:	323
Ion	Ratio	Lower	Upper
169	100		
168	55.6	54.4	81.6
167	32.8	29.0	43.6



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.475 min Scan# 2276
Delta R.T. -0.011 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion:	284	Resp:	48
Ion	Ratio	Lower	Upper
284	100		
142	632.3	26.9	40.3#
249	61.3	24.5	36.7#

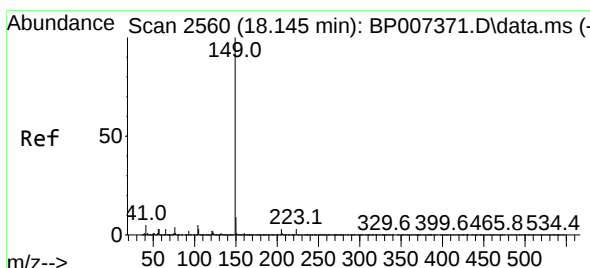
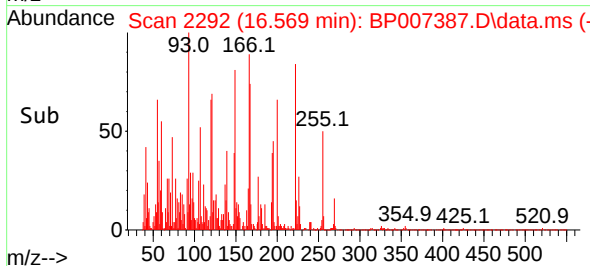
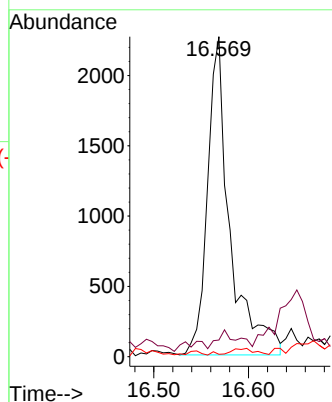
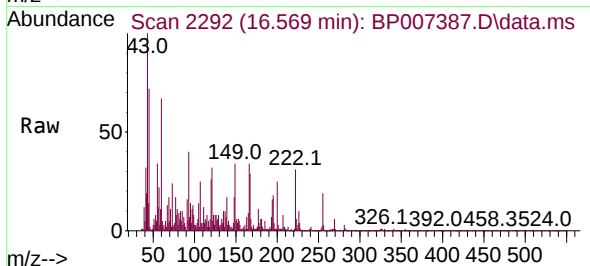




#69
Atrazine
Concen: Below Cal
RT: 16.569 min Scan# 2292
Delta R.T. -0.088 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

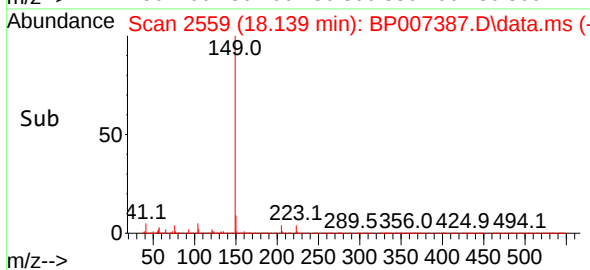
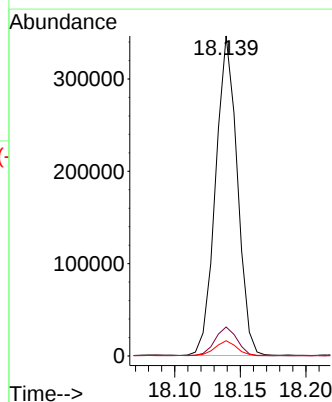
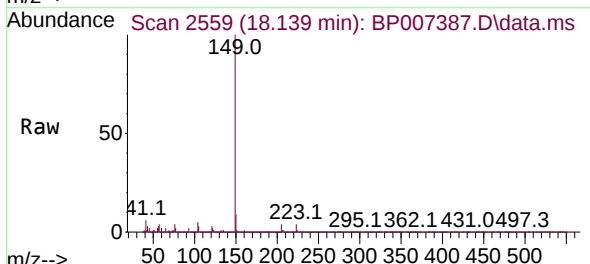
Instrument :
BNA_P
ClientSampleId :
CC-31

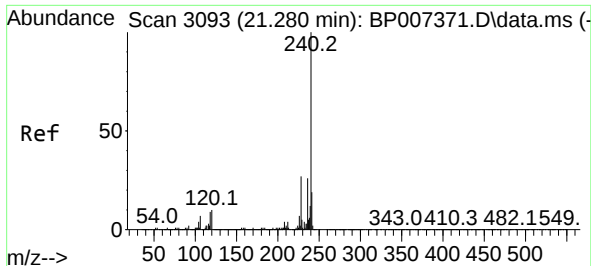
Tgt Ion:200 Resp: 3720
Ion Ratio Lower Upper
200 100
173 5.2 4.1 44.1
215 0.7 27.7 67.7#



#74
Di-n-butylphthalate
Concen: 15.269 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion:149 Resp: 397490
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.8 4.5 6.7

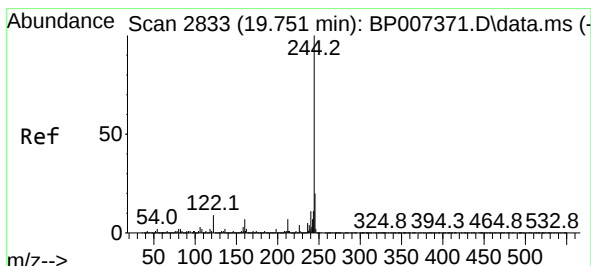
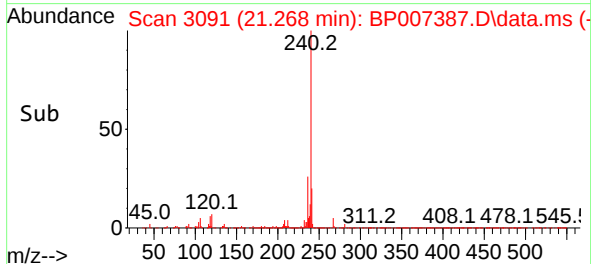
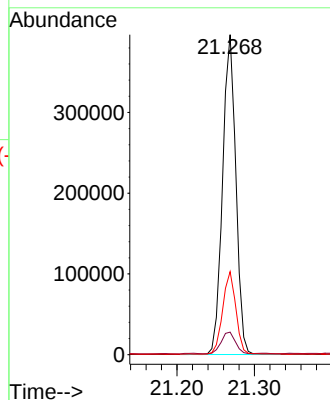
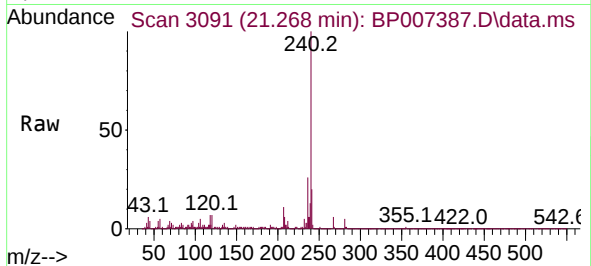




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

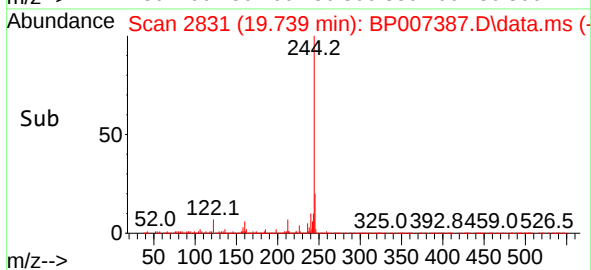
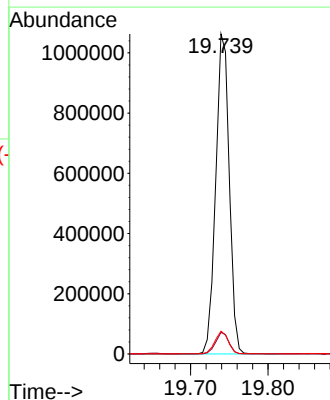
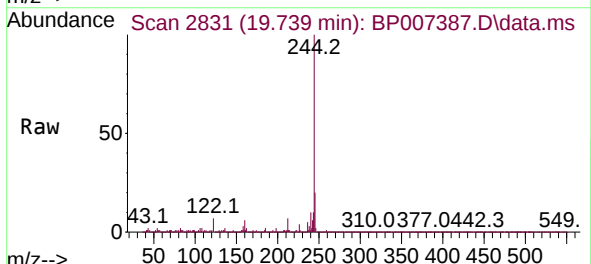
Instrument :
BNA_P
ClientSampleId :
CC-31

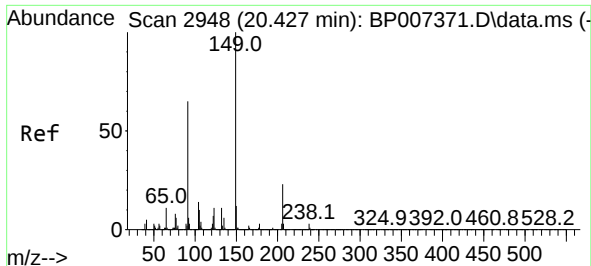
Tgt Ion:240 Resp: 471604
Ion Ratio Lower Upper
240 100
120 7.0 6.5 9.7
236 26.0 20.6 31.0



#79
Terphenyl-d14
Concen: 48.106 ng
RT: 19.739 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion:244 Resp: 1286279
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 7.1 7.1 10.7#

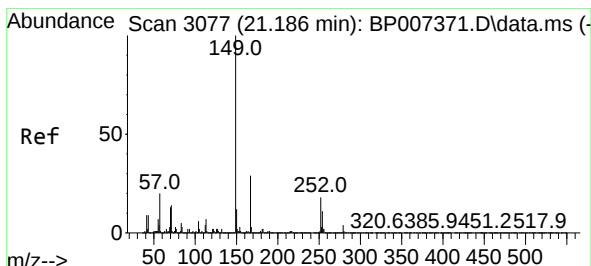
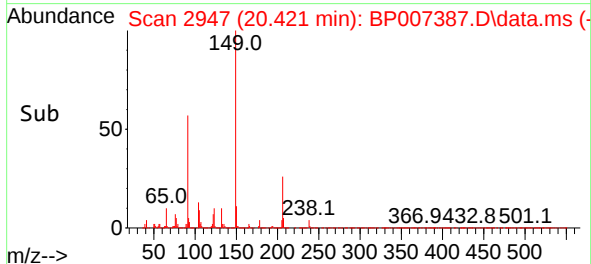
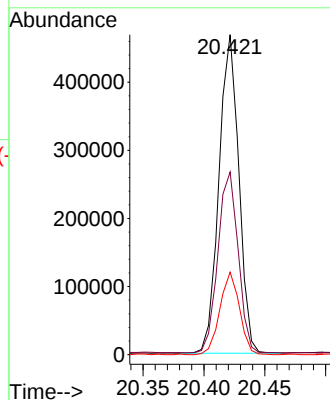
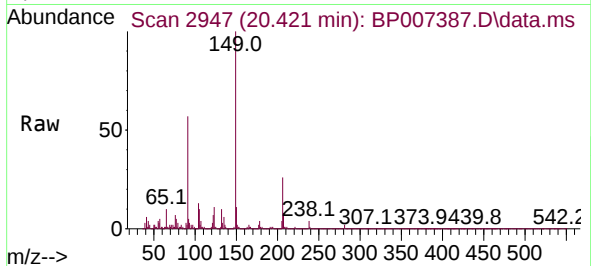




#80
Butylbenzylphthalate
Concen: 42.340 ng
RT: 20.421 min Scan# 2947
Delta R.T. -0.006 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

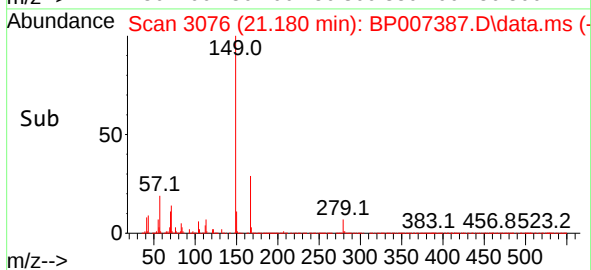
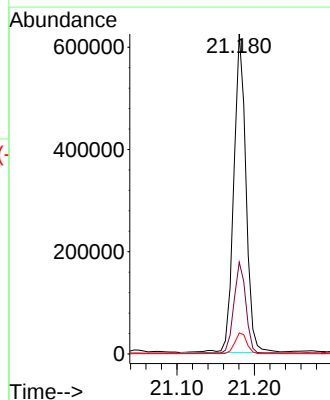
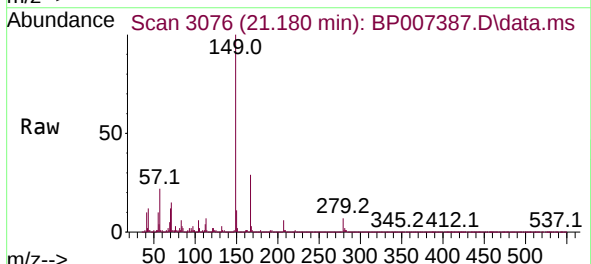
Instrument :
BNA_P
ClientSampleId :
CC-31

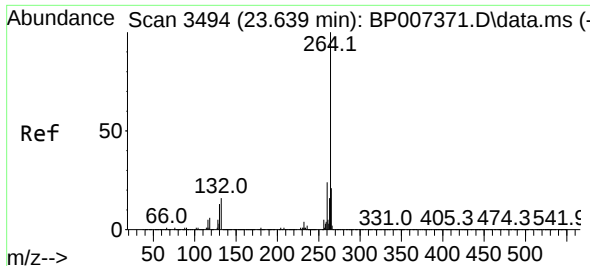
Tgt Ion:149 Resp: 531189
Ion Ratio Lower Upper
149 100
91 57.1 54.6 81.8
206 25.8 16.7 25.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.100 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion:149 Resp: 682716
Ion Ratio Lower Upper
149 100
167 28.7 21.9 32.9
279 6.5 4.3 6.5#

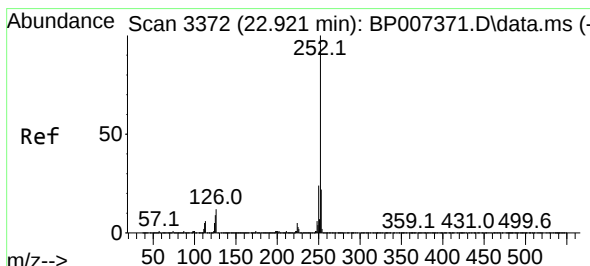
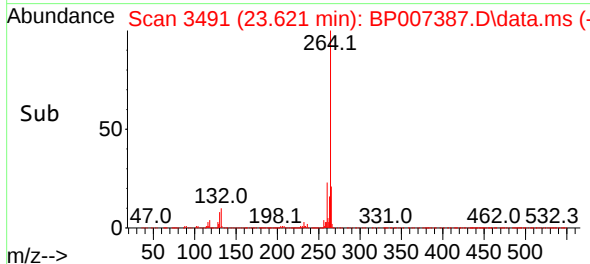
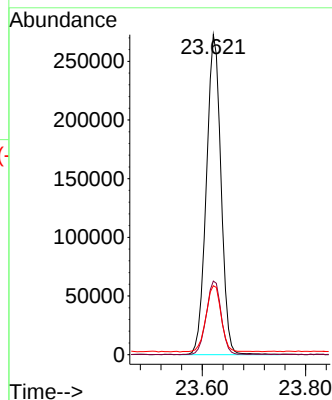
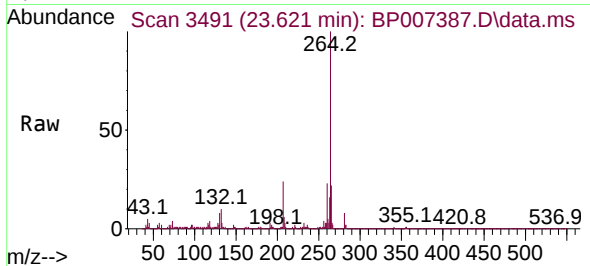




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

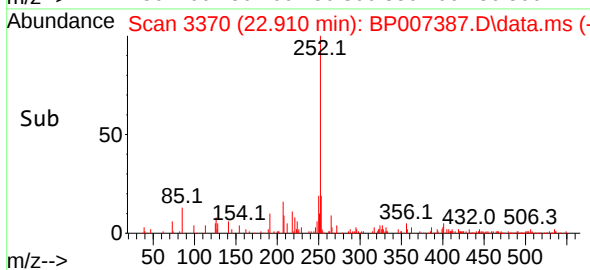
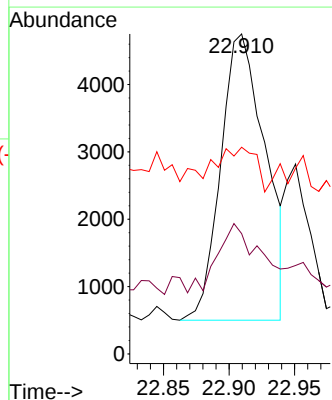
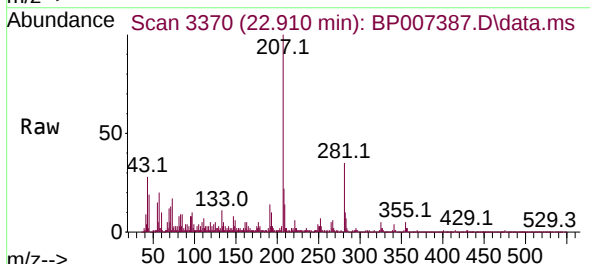
Instrument :
BNA_P
ClientSampled :
CC-31

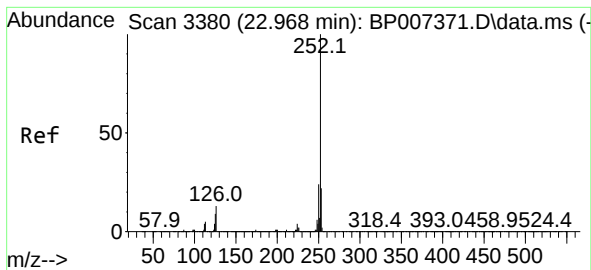
Tgt Ion:264 Resp: 534688
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.910 min Scan# 3370
Delta R.T. -0.011 min
Lab File: BP007387.D
Acq: 08 Oct 2021 22:42

Tgt Ion:252 Resp: 10041
Ion Ratio Lower Upper
252 100
253 37.6 17.5 26.3#
125 64.6 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: Below Cal

RT: 22.910 min Scan# 3370

Delta R.T. -0.058 min

Lab File: BP007387.D

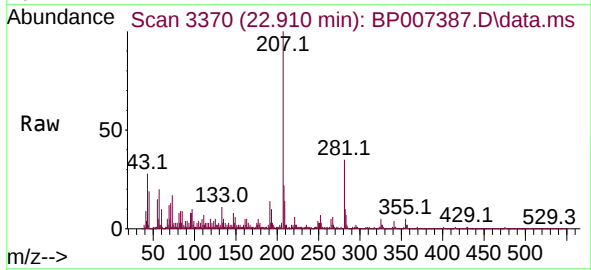
Acq: 08 Oct 2021 22:42

Instrument :

BNA_P

ClientSampleId :

CC-31



Tgt Ion:252	Resp:	10041
Ion Ratio	Lower	Upper
252	100	
253	37.6	17.6 26.4#
125	64.6	6.0 9.0#

