

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110520\
 Data File : BP003831.D
 Acq On : 05 Nov 2020 20:58
 Operator : CG/JU
 Sample : L4613-03RE 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 282RE

Quant Time: Nov 05 23:57:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 14:31:45 2020
 Response via : Initial Calibration

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

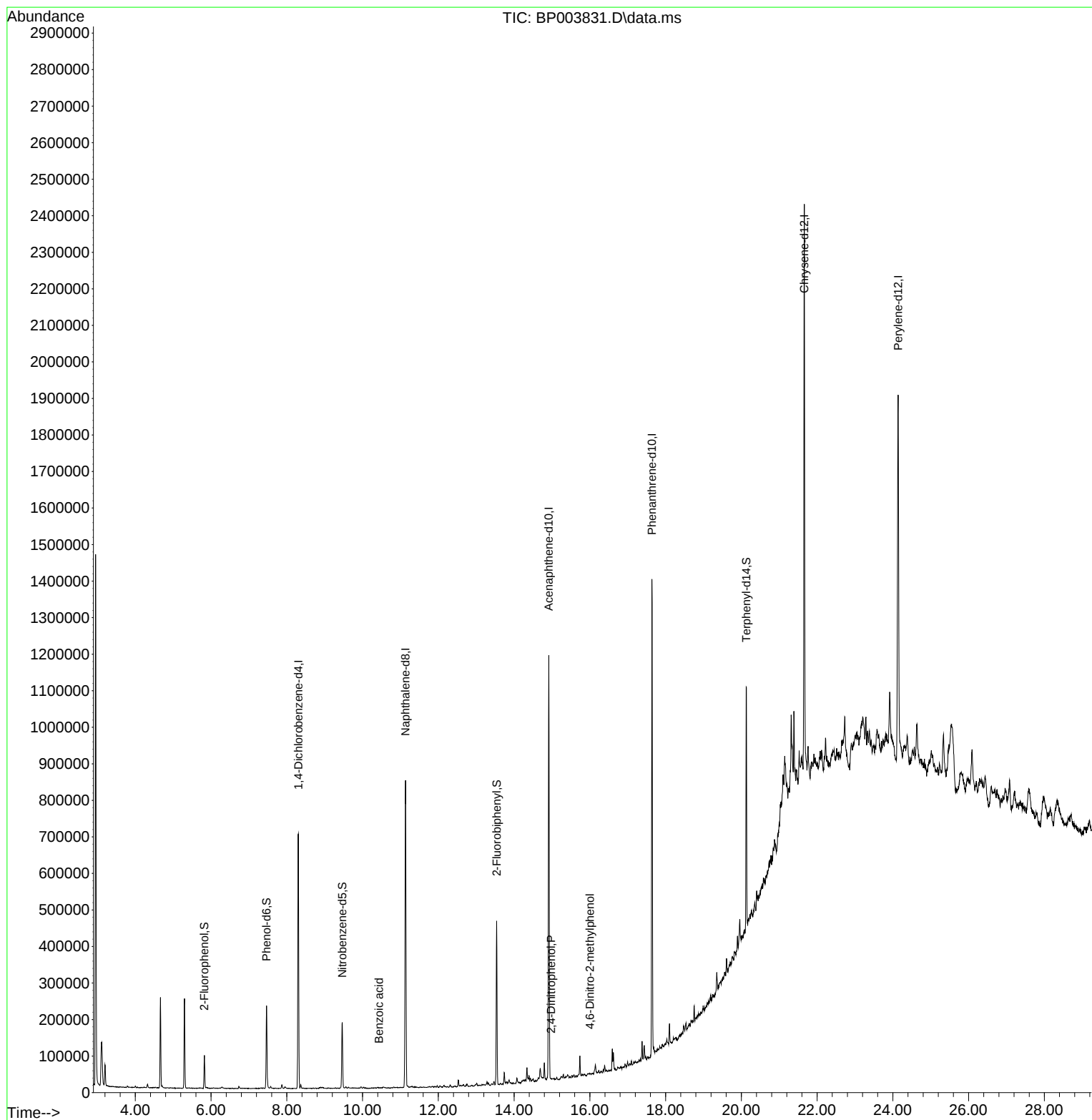
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	190850	20.00	ng	0.01
21) Naphthalene-d8	11.134	136	669939	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	387421	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	792362	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	755204	20.00	ng	0.01
86) Perylene-d12	24.139	264	813167	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	37363	3.27	ng	0.01
7) Phenol-d6	7.463	99	120597	7.35	ng	0.00
23) Nitrobenzene-d5	9.463	82	99848	7.30	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	3621	0.75	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	222476	8.03	ng	0.00
79) Terphenyl-d14	20.127	244	293392	7.51	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.387	77	371	Below Cal	#	1
32) Benzoic acid	10.434	122	68	8.32	ng	# 1
54) 2,4-Dinitrophenol	14.975	184	42	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.004	198	44	6.35	ng	# 1

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

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QLast Update : Thu Nov 05 14:31:45 2020
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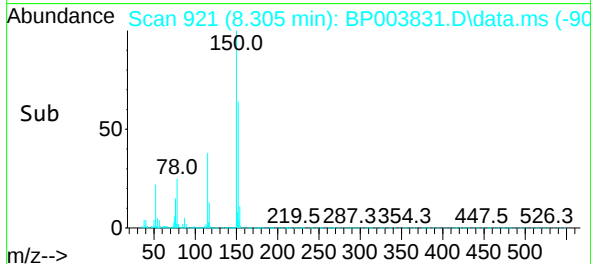
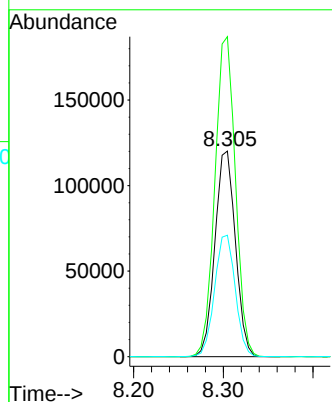
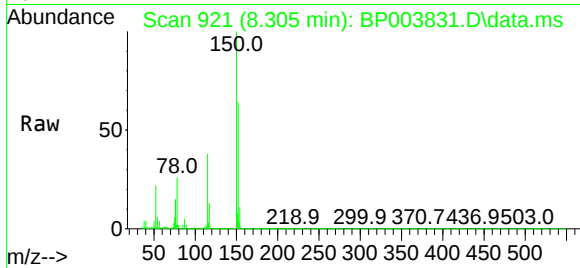




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.305 min Scan# 921
Delta R.T. 0.012 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

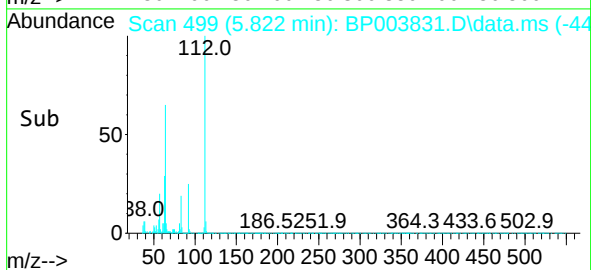
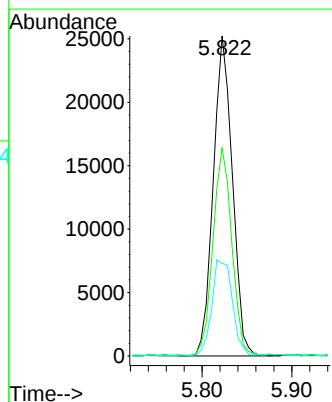
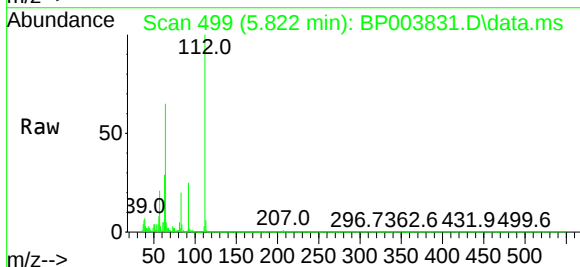
Instrument :
BNA_P
ClientSampleId :
282RE

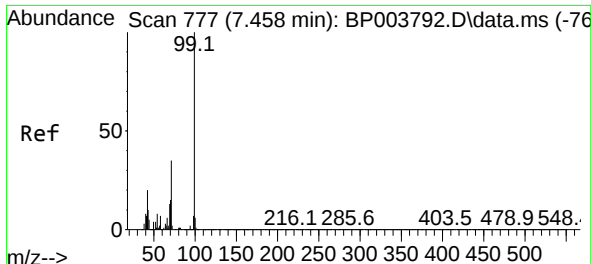
Tgt Ion:152 Resp: 190850
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 59.1 43.8 65.6



#5
2-Fluorophenol
Concen: 3.27 ng
RT: 5.822 min Scan# 499
Delta R.T. 0.011 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

Tgt Ion:112 Resp: 37363
Ion Ratio Lower Upper
112 100
64 64.9 32.8 49.2#
63 28.9 17.0 25.4#

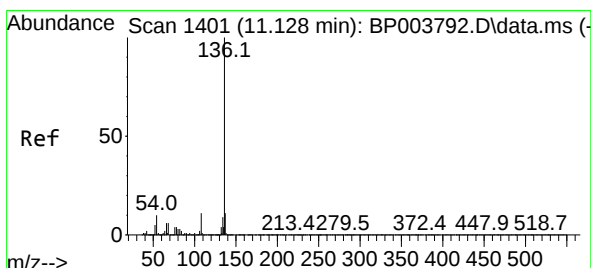
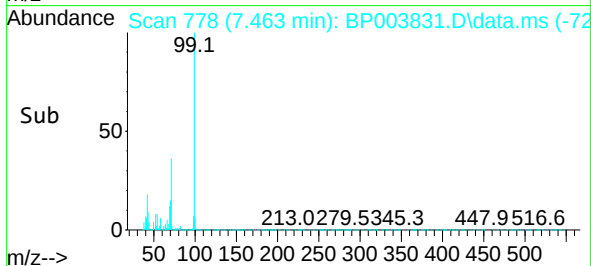
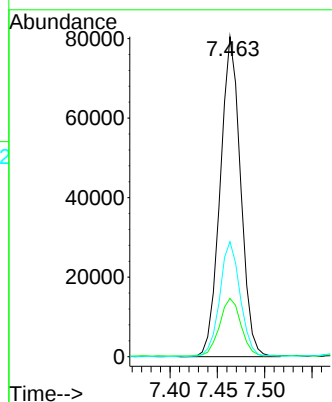
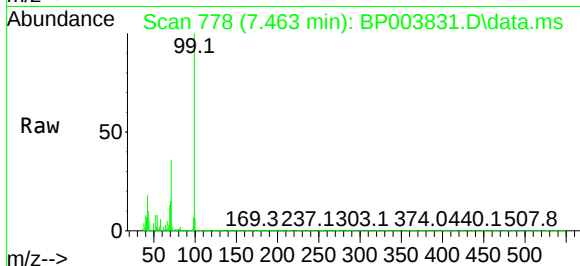




#7
Phenol-d6
Concen: 7.35 ng
RT: 7.463 min Scan# 778
Delta R.T. 0.005 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

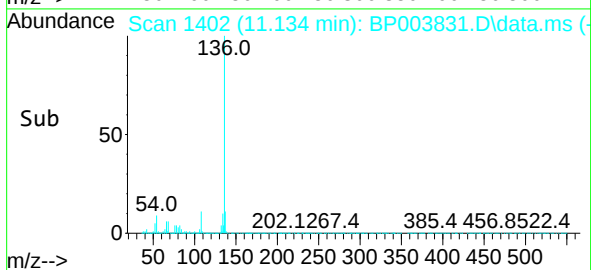
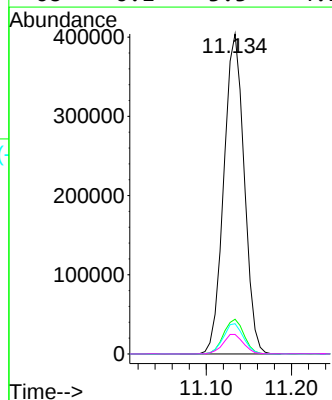
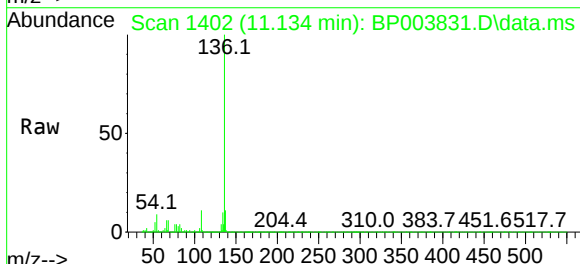
Instrument :
BNA_P
ClientSampleId :
282RE

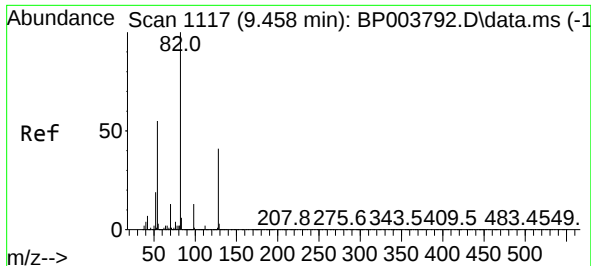
Tgt Ion: 99 Resp: 120597
Ion Ratio Lower Upper
99 100
42 18.2 8.6 13.0#
71 36.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

Tgt Ion: 136 Resp: 669939
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.4 3.6 5.4#
68 6.1 3.3 4.9#

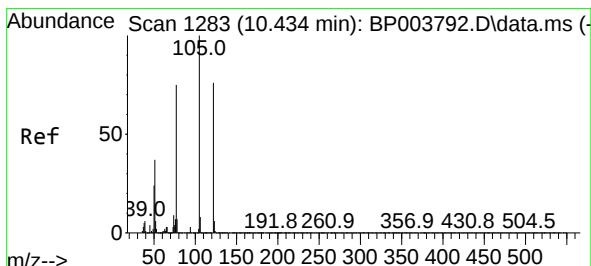
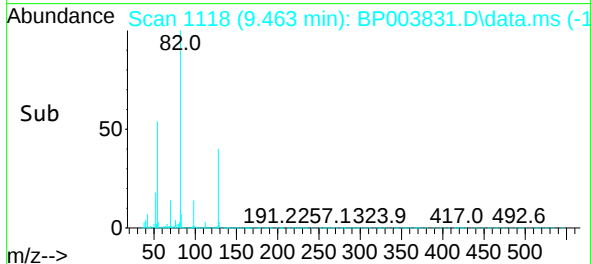
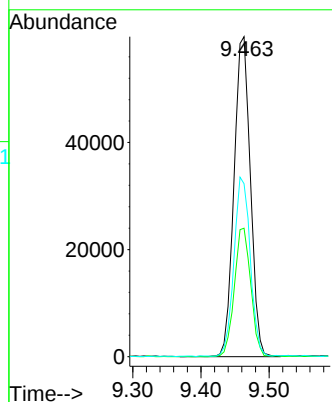
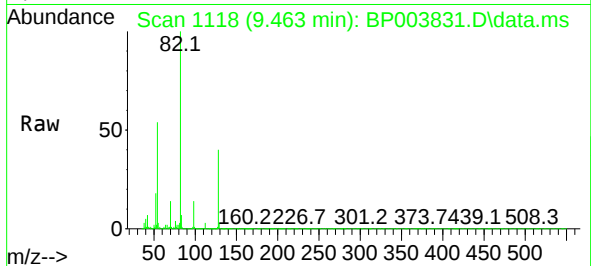




#23
Nitrobenzene-d5
Concen: 7.30 ng
RT: 9.463 min Scan# 1118
Delta R.T. 0.005 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

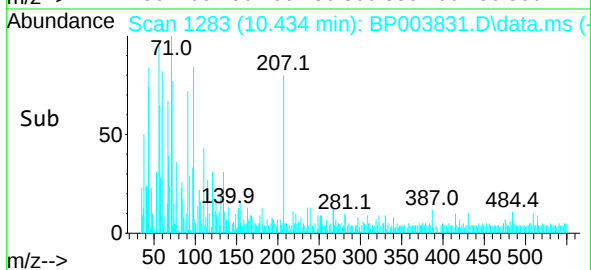
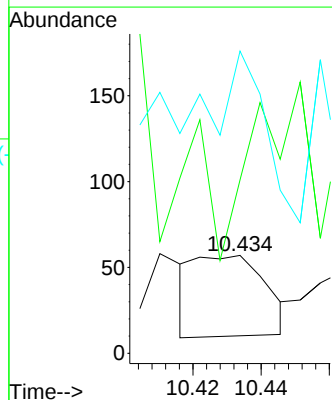
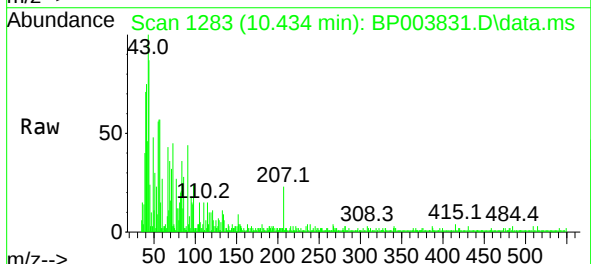
Instrument :
BNA_P
ClientSampleId :
282RE

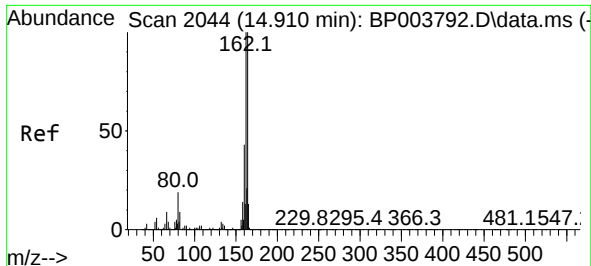
Tgt Ion: 82 Resp: 99848
Ion Ratio Lower Upper
82 100
128 40.2 45.6 68.4#
54 54.1 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.434 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

Tgt Ion: 122 Resp: 68
Ion Ratio Lower Upper
122 100
105 177.2 94.1 134.1#
77 308.8 50.1 90.1#

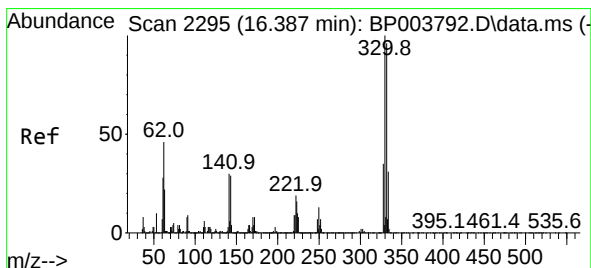
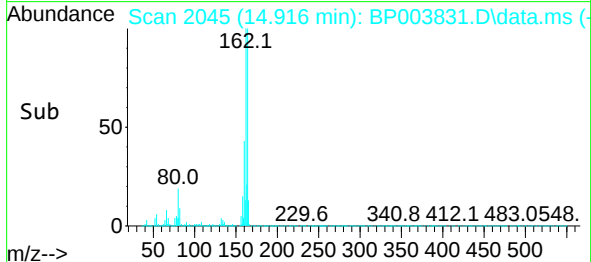
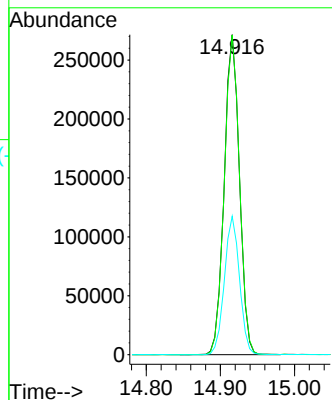
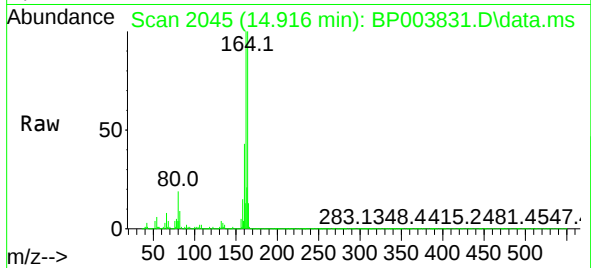




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

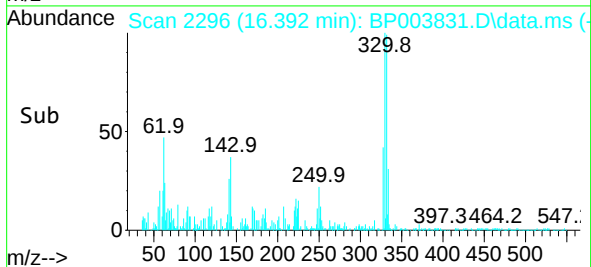
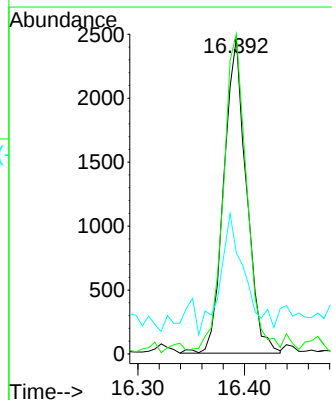
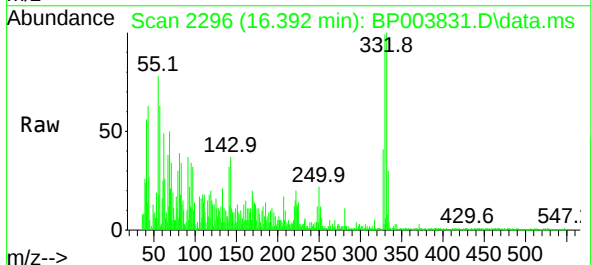
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BNA_P
ClientSampleId :
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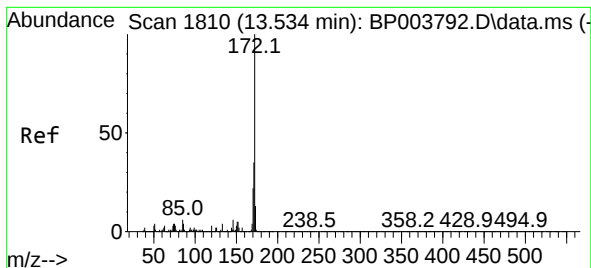
Tgt Ion:164 Resp: 387421
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 43.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 0.75 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.005 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

Tgt Ion:330 Resp: 3621
Ion Ratio Lower Upper
330 100
332 102.7 77.1 115.7
141 42.3 23.4 35.2#

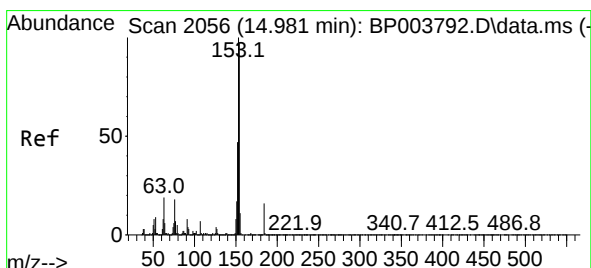
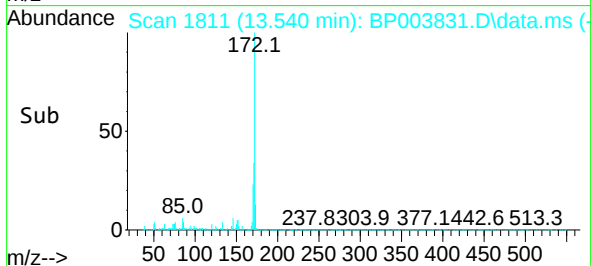
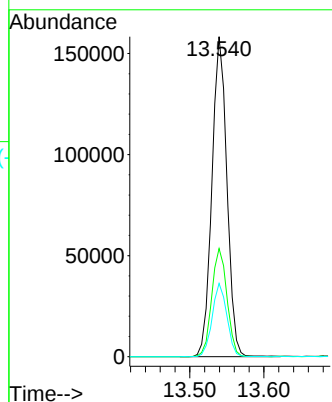
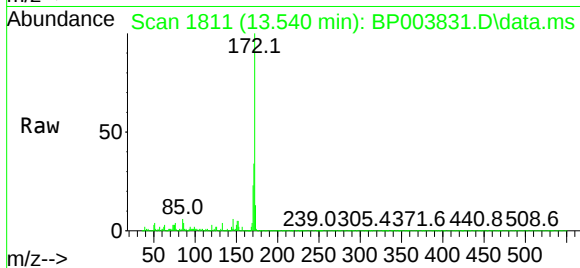




#45
2-Fluorobiphenyl
Concen: 8.03 ng
RT: 13.540 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

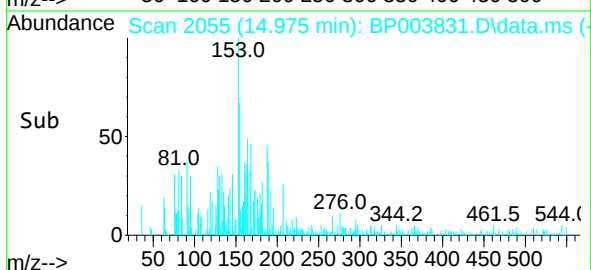
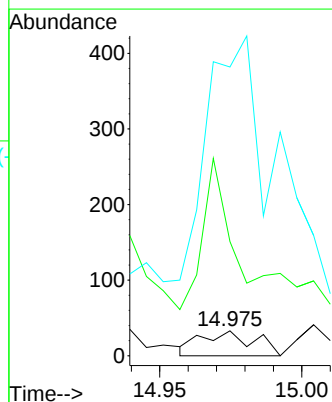
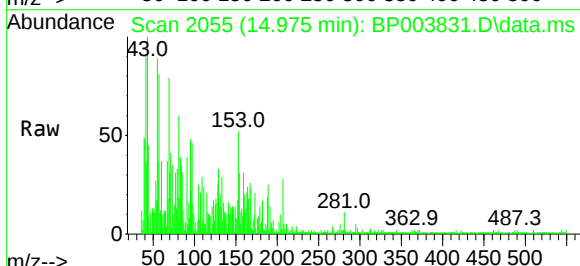
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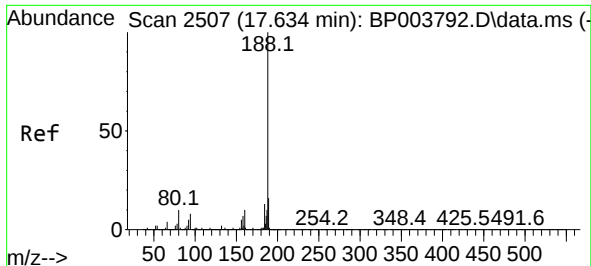
Tgt Ion:172 Resp: 222476
Ion Ratio Lower Upper
172 100
171 33.8 28.5 42.7
170 22.9 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 457.6 32.3 48.5#
154 1157.6 49.1 73.7#

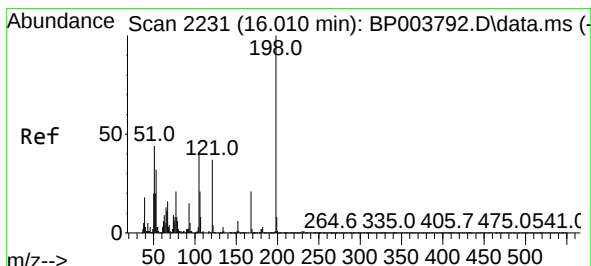
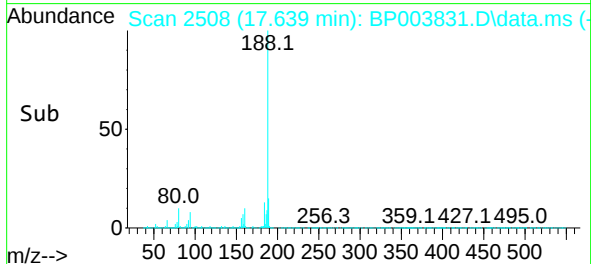
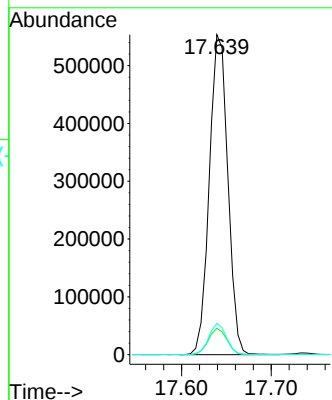
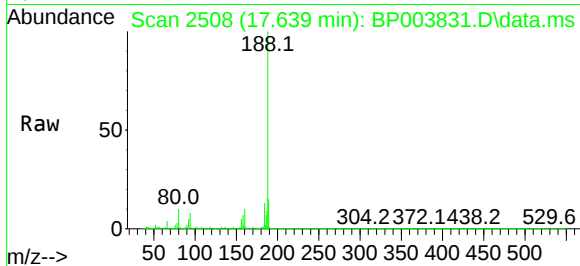




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

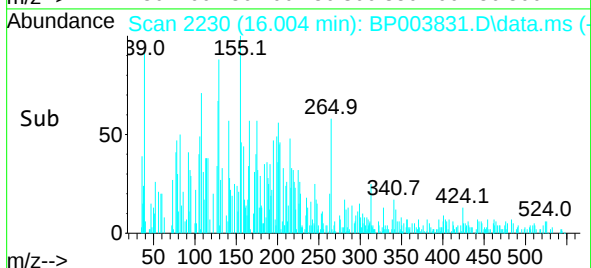
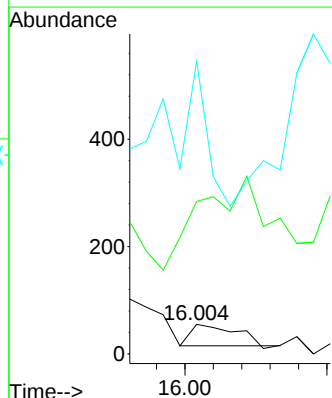
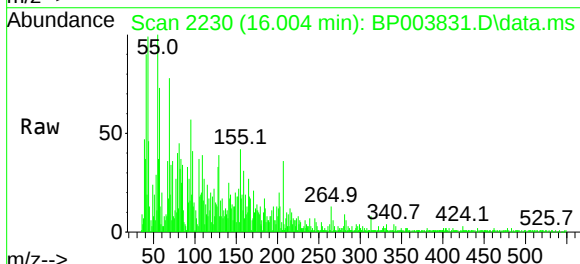
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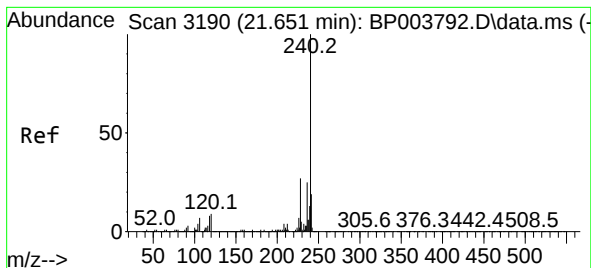
Tgt Ion:188 Resp: 792362
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 9.8 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.004 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BP003831.D
Acq: 05 Nov 2020 20:58

Tgt Ion:198 Resp: 44
Ion Ratio Lower Upper
198 100
51 516.4 6.4 46.4#
105 990.9 18.9 58.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.663 min Scan# 3192

Delta R.T. 0.012 min

Lab File: BP003831.D

Acq: 05 Nov 2020 20:58

Tgt Ion:240 Resp: 755204

Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

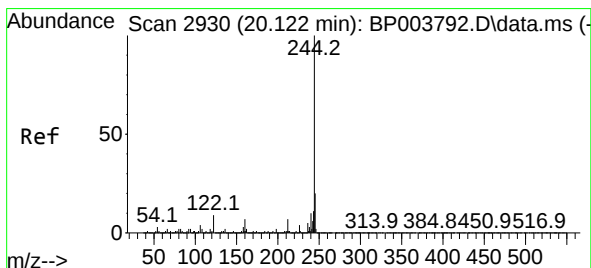
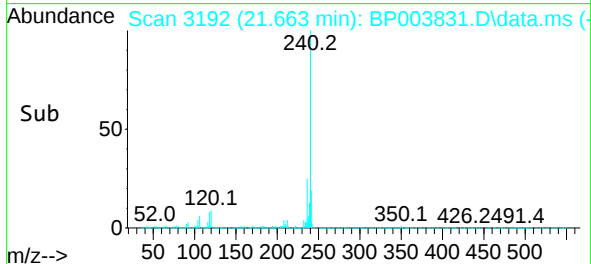
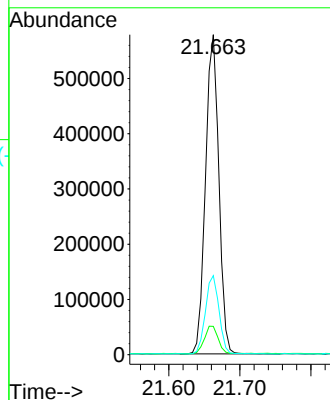
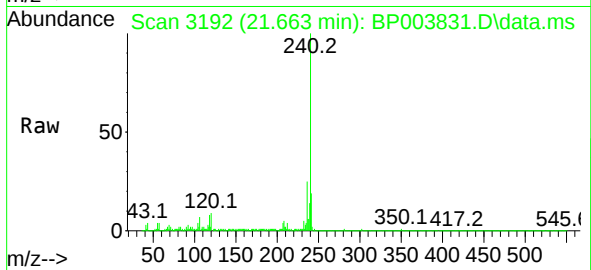
236 24.7 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

282RE



#79

Terphenyl-d14

Concen: 7.51 ng

RT: 20.127 min Scan# 2931

Delta R.T. 0.005 min

Lab File: BP003831.D

Acq: 05 Nov 2020 20:58

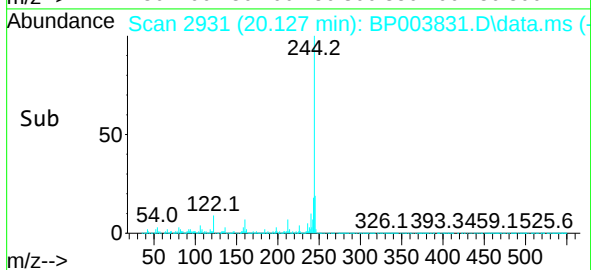
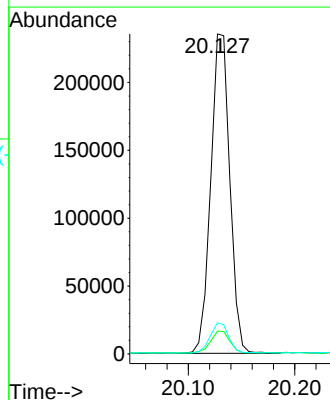
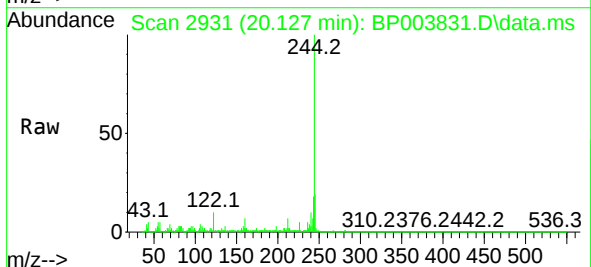
Tgt Ion:244 Resp: 293392

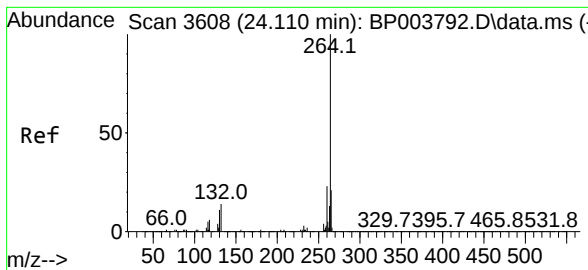
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.139 min Scan# 3613
 Delta R.T. 0.029 min
 Lab File: BP003831.D
 Acq: 05 Nov 2020 20:58

Instrument :
 BNA_P
 ClientSampleId :
 282RE

Tgt Ion:	264	Resp:	813167
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.9	17.4	26.2

