

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
 Data File : BP003642.D
 Acq On : 16 Oct 2020 15:13
 Operator : CG/JU
 Sample : PB132419BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132419BL

Quant Time: Oct 16 15:43:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 12:46:19 2020
 Response via : Initial Calibration

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

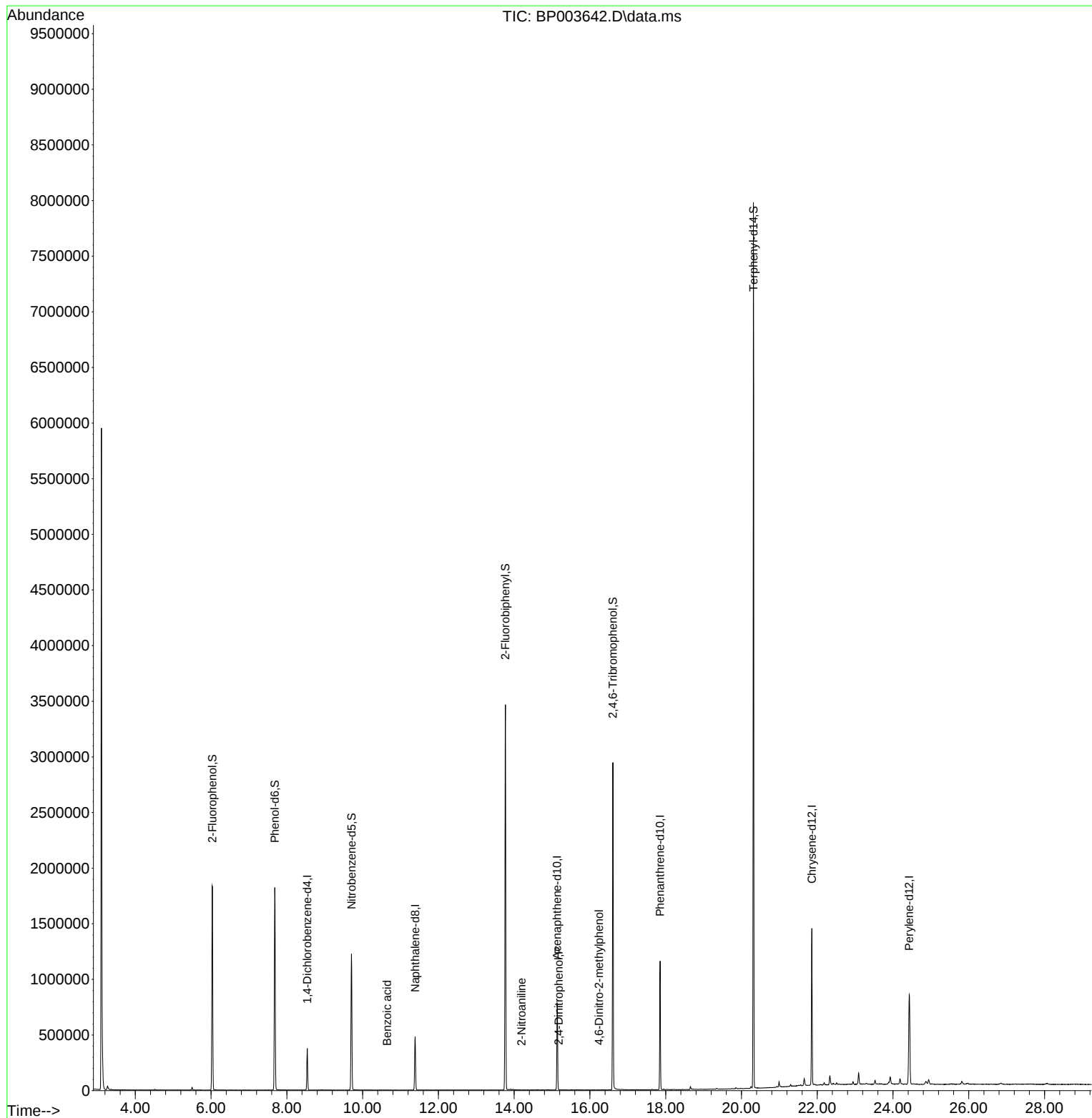
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	94549	20.00	ng	# 0.00
21) Naphthalene-d8	11.387	136	359246	20.00	ng	# 0.00
39) Acenaphthene-d10	15.134	164	264506	20.00	ng	-0.02
64) Phenanthrene-d10	17.851	188	649844	20.00	ng	-0.01
76) Chrysene-d12	21.857	240	729662	20.00	ng	#-0.02
86) Perylene-d12	24.427	264	698197	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	747764	135.96	ng	0.00
7) Phenol-d6	7.681	99	995502	124.27	ng	0.00
23) Nitrobenzene-d5	9.704	82	711213	91.79	ng	0.00
42) 2,4,6-Tribromophenol	16.604	330	556992	157.94	ng	-0.01
45) 2-Fluorobiphenyl	13.769	172	1672589	82.96	ng	0.00
79) Terphenyl-d14	20.316	244	3289186	81.56	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.610	77	130	Below Cal	#	3
32) Benzoic acid	10.646	122	54	6.43	ng	# 69
48) 2-Nitroaniline	14.192	65	40	4.19	ng	# 1
54) 2,4-Dinitrophenol	15.175	184	25	2.12	ng	# 62
65) 4,6-Dinitro-2-methylph...	16.239	198	15	7.38	ng	# 1

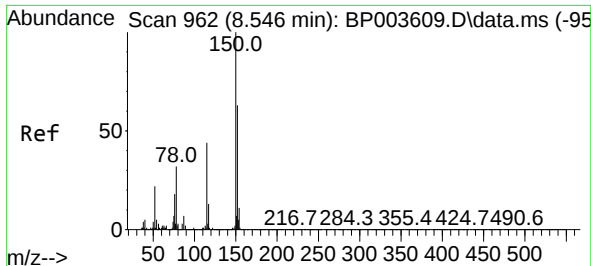
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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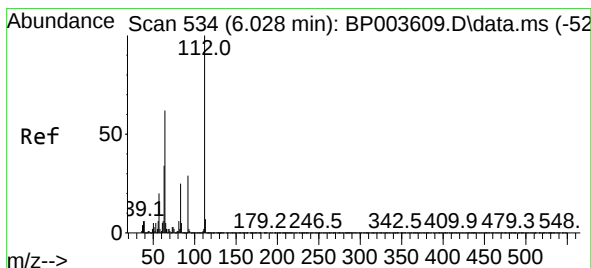
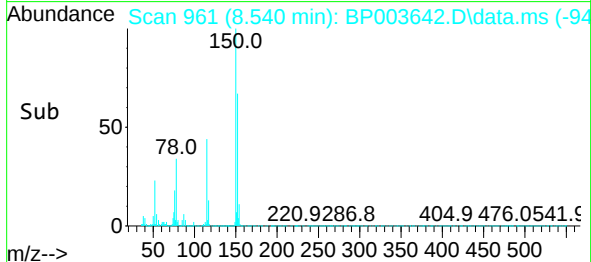
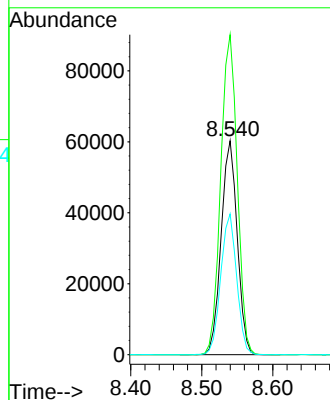
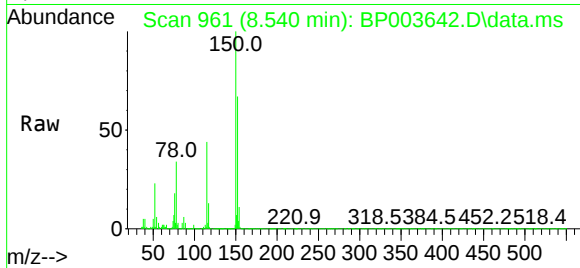




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

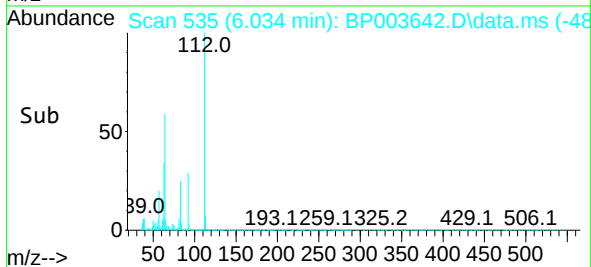
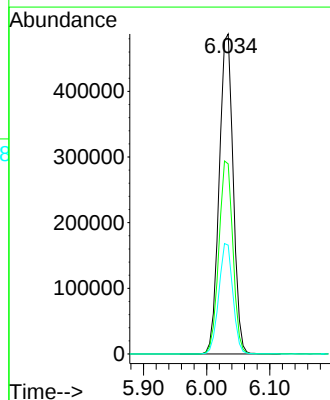
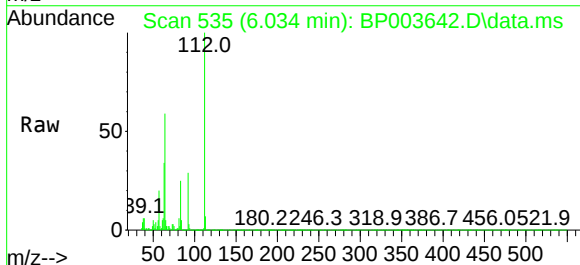
Instrument :
BNA_P
ClientSampleId :
PB132419BL

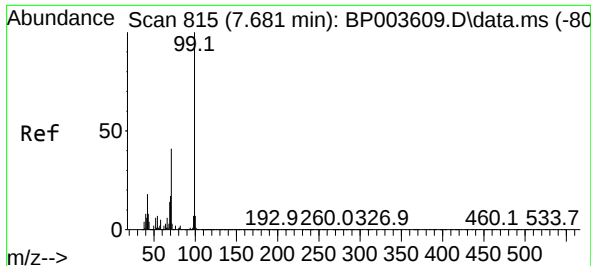
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.5	123.8	185.6
115	65.8	43.8	65.6#



#5
2-Fluorophenol
Concen: 135.96 ng
RT: 6.034 min Scan# 535
Delta R.T. 0.006 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	32.8	49.2#
63	34.0	17.0	25.4#

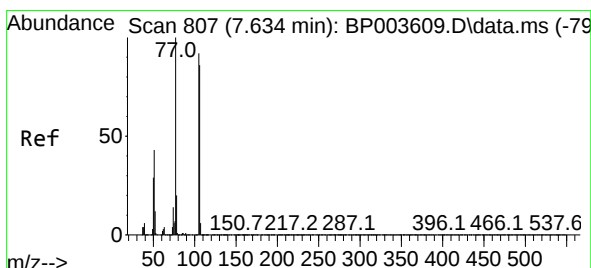
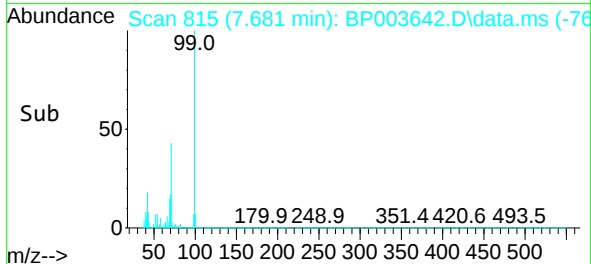
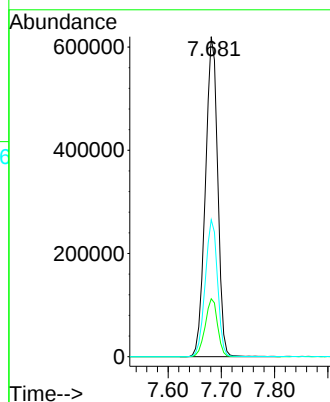
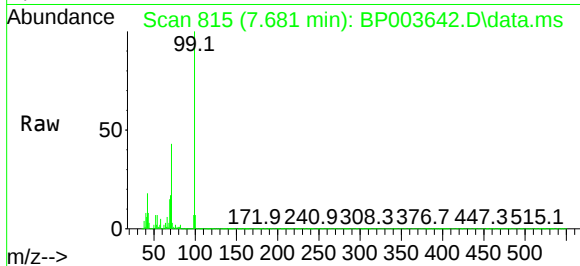




#7
Phenol-d6
Concen: 124.27 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.000 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

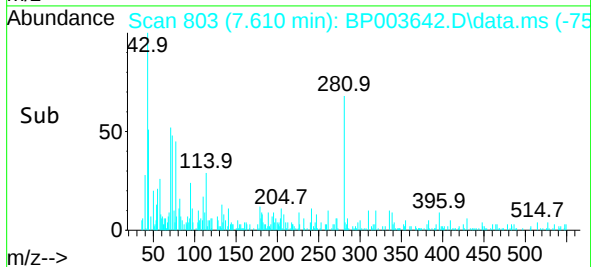
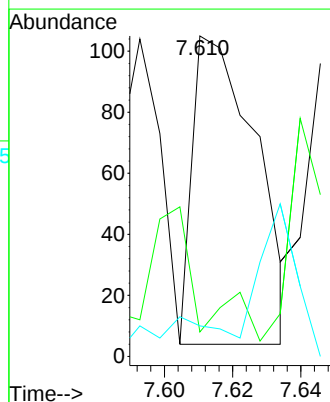
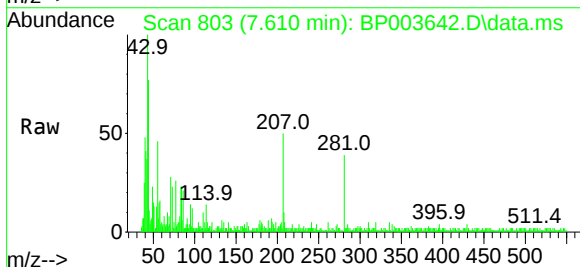
Instrument :
BNA_P
ClientSampleId :
PB132419BL

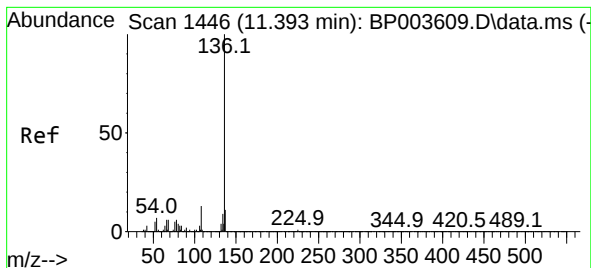
Tgt Ion: 99 Resp: 995502
Ion Ratio Lower Upper
99 100
42 18.1 8.6 13.0#
71 42.8 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.610 min Scan# 803
Delta R.T. -0.024 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

Tgt Ion: 77 Resp: 130
Ion Ratio Lower Upper
77 100
105 7.6 97.1 137.1#
106 12.4 93.7 133.7#

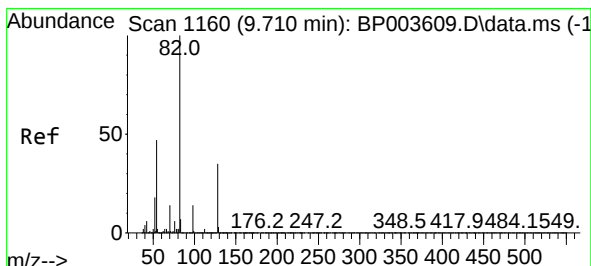
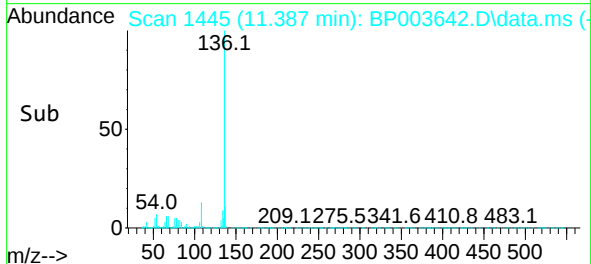
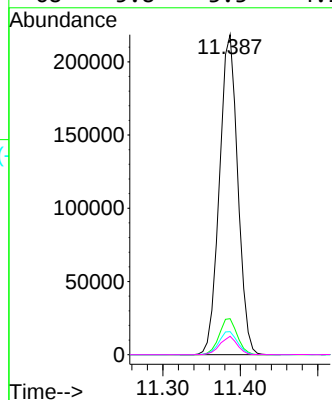
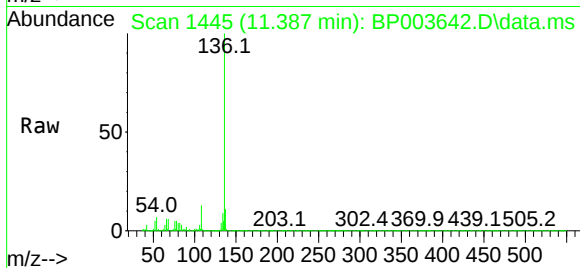




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

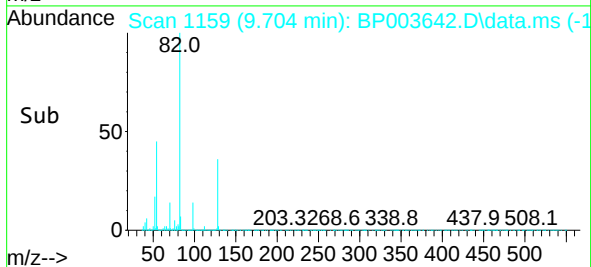
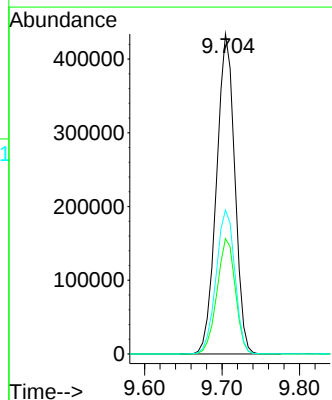
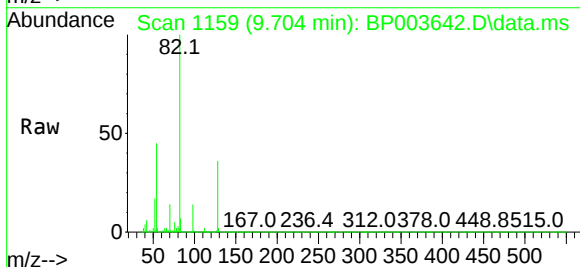
Instrument :
BNA_P
ClientSampleId :
PB132419BL

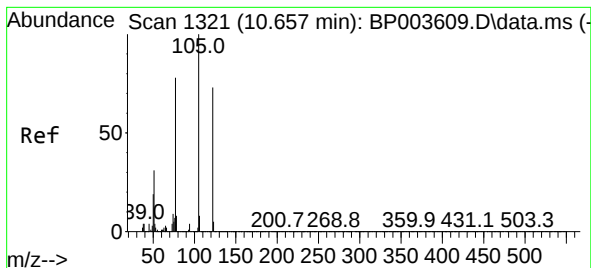
Tgt Ion:	136	Resp:	359246
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	7.2	3.6	5.4#
68	5.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 91.79 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

Tgt Ion:	82	Resp:	711213
Ion Ratio	Lower	Upper	
82	100		
128	36.0	45.6	68.4#
54	45.0	30.1	45.1

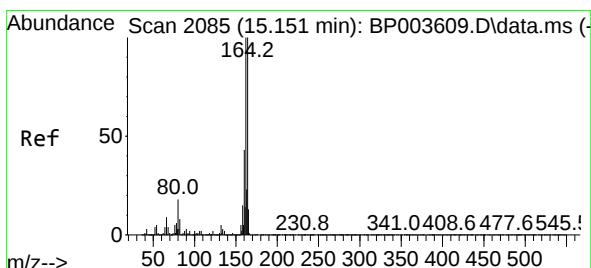
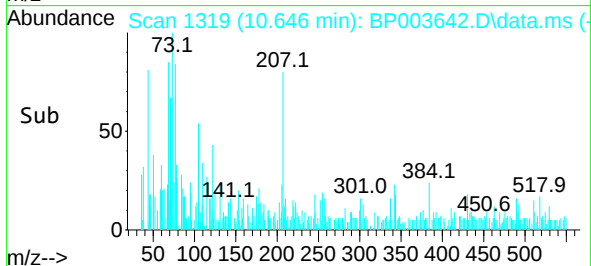
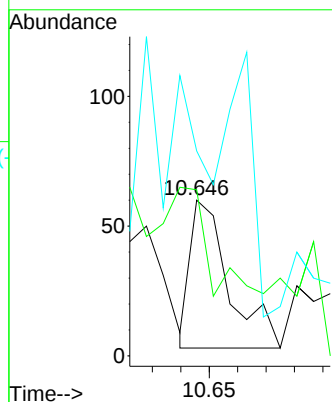
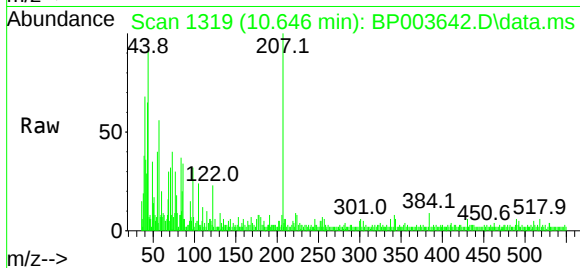




#32
Benzoic acid
Concen: 6.43 ng
RT: 10.646 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

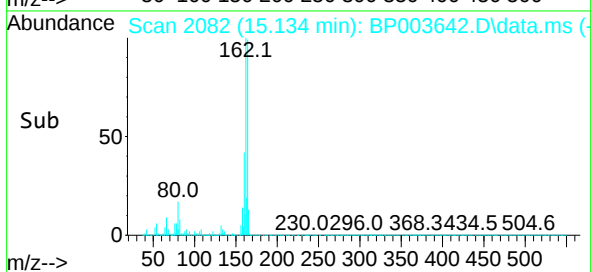
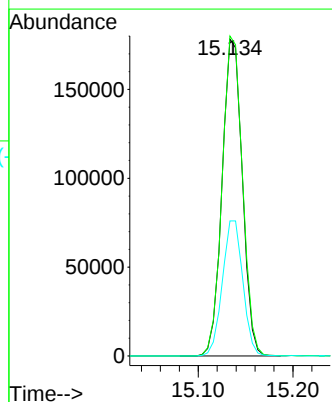
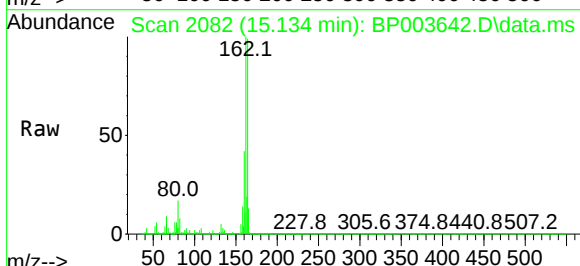
Instrument :
BNA_P
ClientSampleId :
PB132419BL

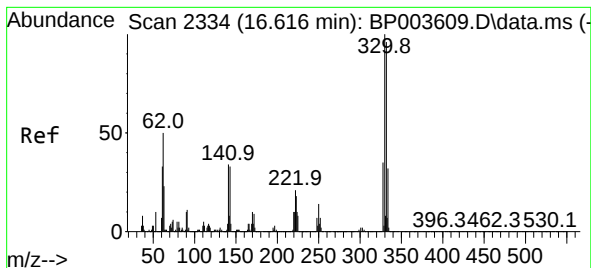
Tgt Ion:	122	Resp:	54
Ion	Ratio	Lower	Upper
122	100		
105	118.3	94.1	134.1
77	131.7	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.134 min Scan# 2082
Delta R.T. -0.017 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

Tgt Ion:	164	Resp:	264506
Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.4	119.2
160	42.6	36.1	54.1

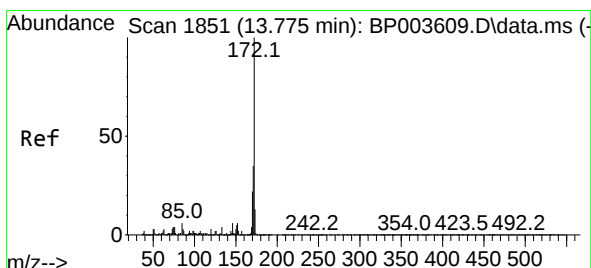
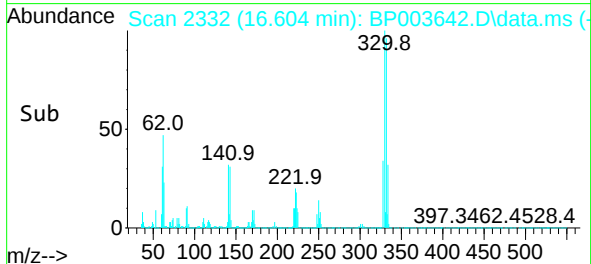
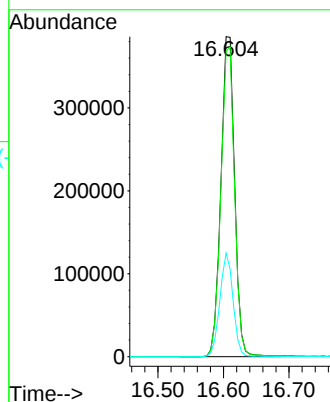
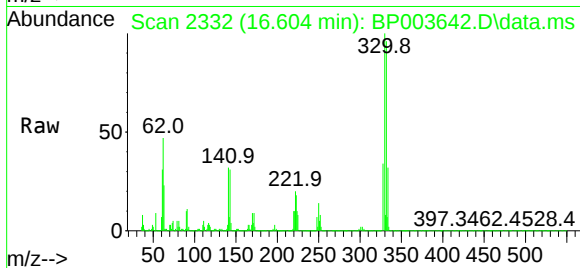




#42
2,4,6-Tribromophenol
Concen: 157.94 ng
RT: 16.604 min Scan# 2332
Delta R.T. -0.012 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

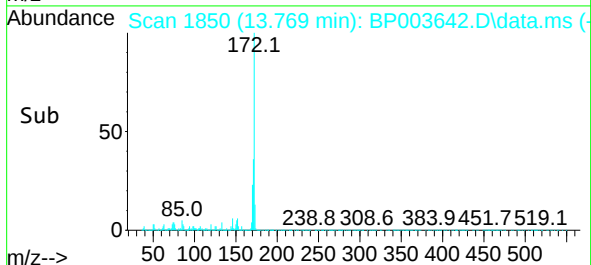
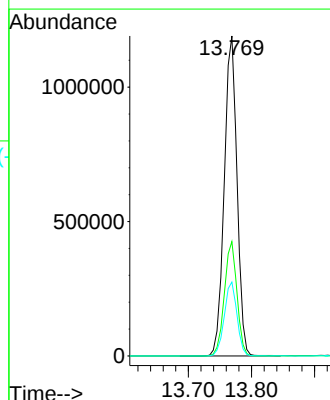
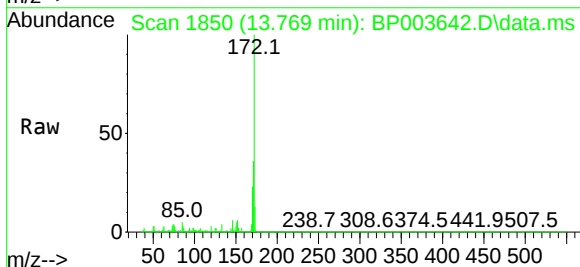
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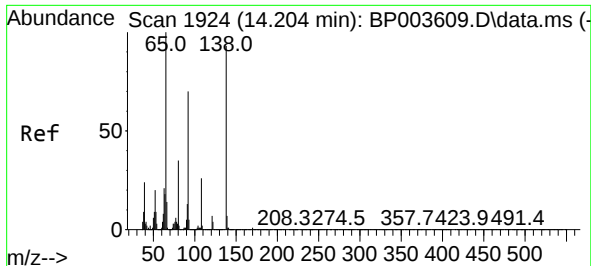
Tgt Ion:330 Resp: 556992
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 82.96 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

Tgt Ion:172 Resp: 1672589
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.1 19.2 28.8

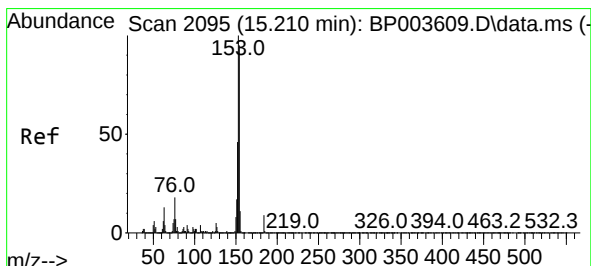
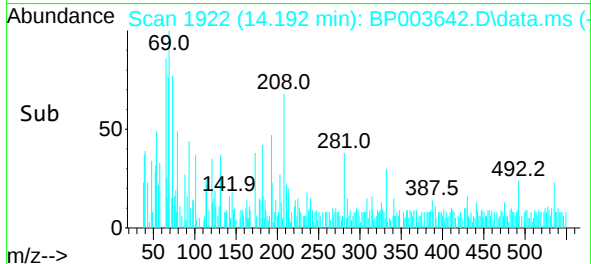
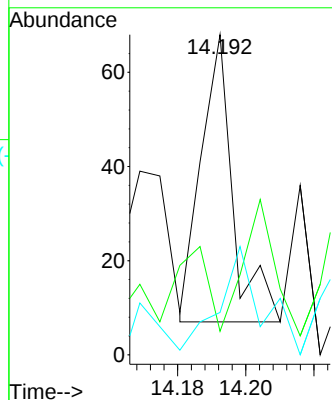
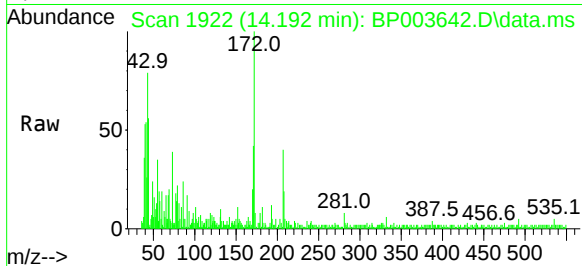




#48
2-Nitroaniline
Concen: 4.19 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

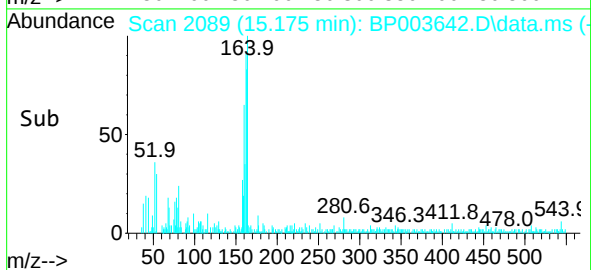
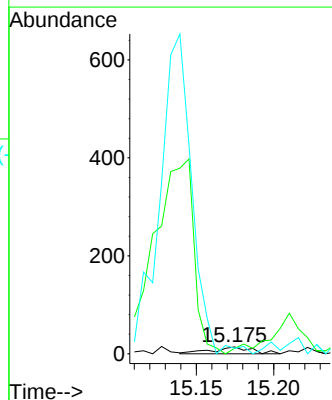
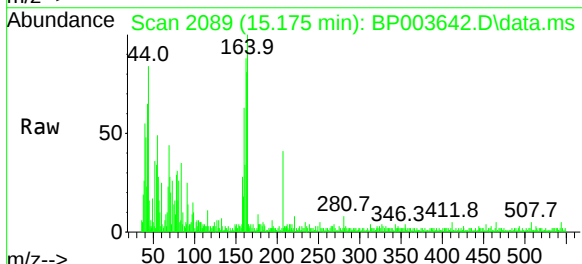
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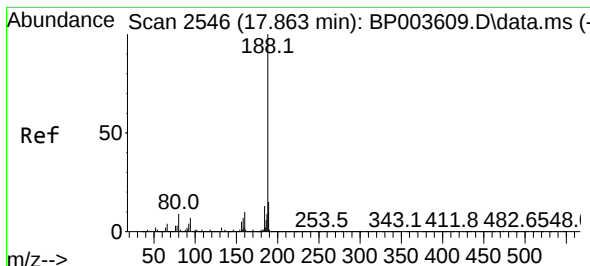
Tgt Ion: 65 Resp: 40
Ion Ratio Lower Upper
65 100
92 7.4 70.6 106.0#
138 13.2 133.6 200.4#



#54
2,4-Dinitrophenol
Concen: 2.12 ng
RT: 15.175 min Scan# 2089
Delta R.T. -0.035 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

Tgt Ion: 184 Resp: 25
Ion Ratio Lower Upper
184 100
63 78.6 32.3 48.5#
154 78.6 49.1 73.7#

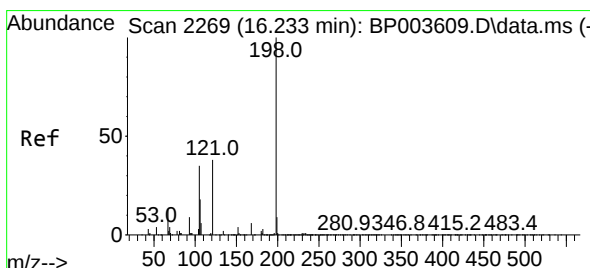
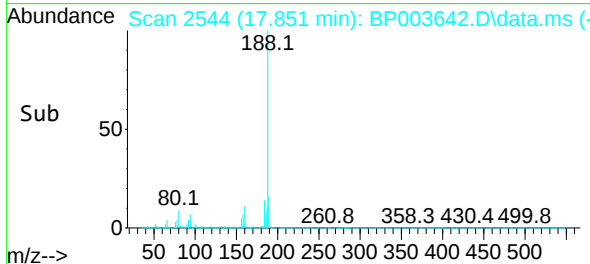
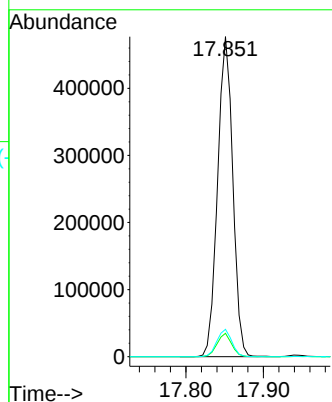
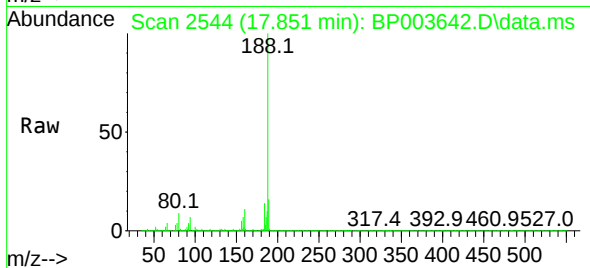




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.851 min Scan# 2544
Delta R.T. -0.012 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

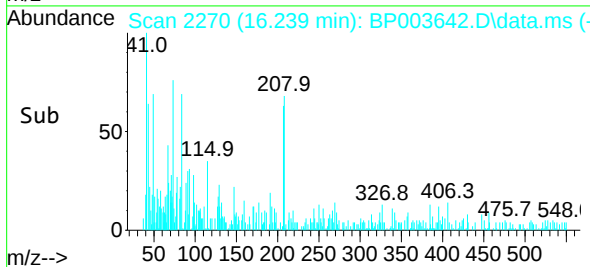
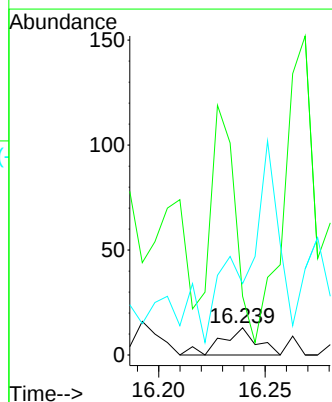
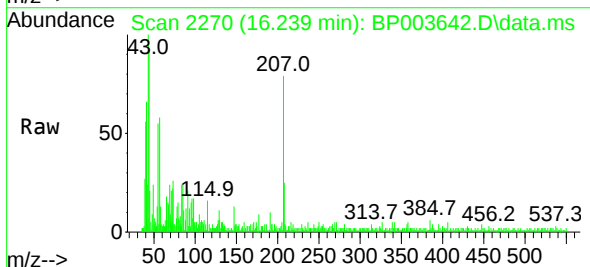
Instrument :
BNA_P
ClientSampleId :
PB132419BL

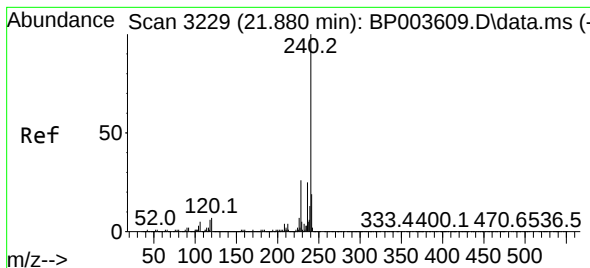
Tgt Ion:188	Resp:	649844
Ion Ratio	Lower	Upper
188	100	
94	7.3	6.2 9.2
80	8.5	6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 7.38 ng
RT: 16.239 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

Tgt Ion:198	Resp:	15
Ion Ratio	Lower	Upper
198	100	
51	215.4	6.4 46.4#
105	353.8	18.9 58.9#

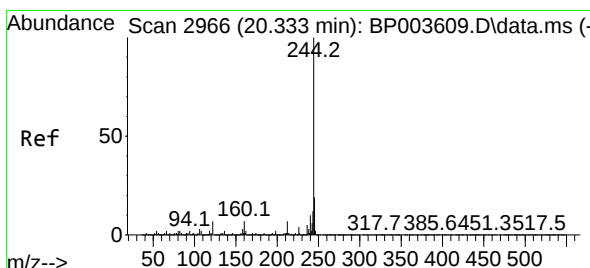
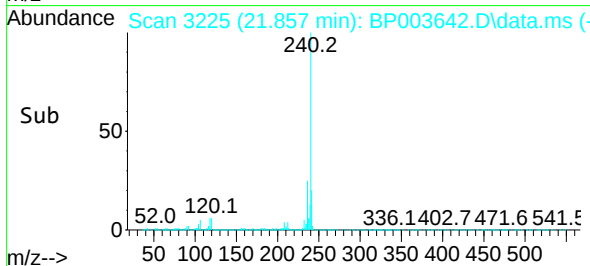
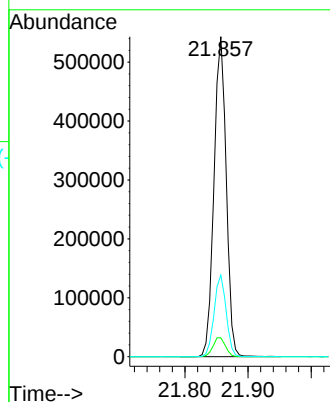
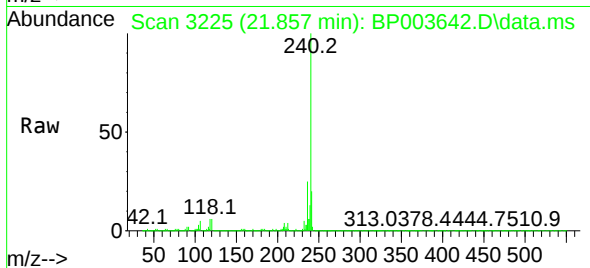




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. -0.024 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

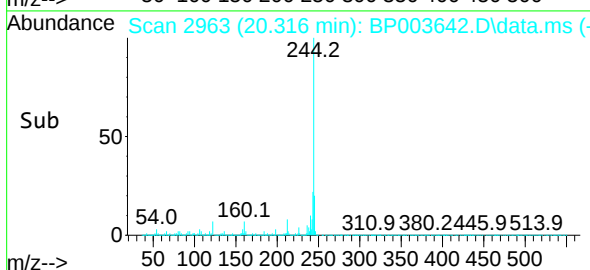
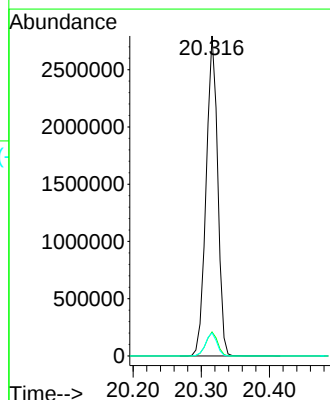
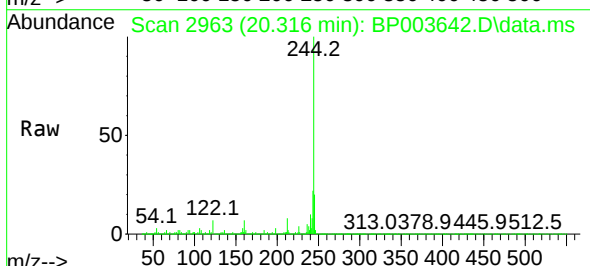
Instrument :
BNA_P
ClientSampleId :
PB132419BL

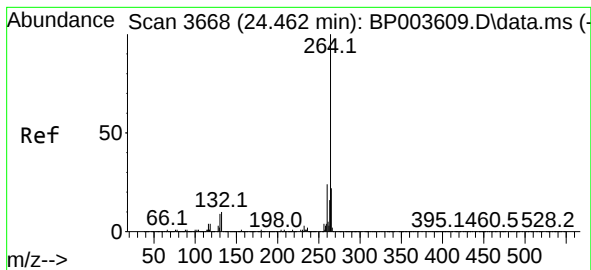
Tgt Ion:240 Resp: 729662
Ion Ratio Lower Upper
240 100
120 5.9 7.8 11.6#
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 81.56 ng
RT: 20.316 min Scan# 2963
Delta R.T. -0.018 min
Lab File: BP003642.D
Acq: 16 Oct 2020 15:13

Tgt Ion:244 Resp: 3289186
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.2 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.427 min Scan# 3662
 Delta R.T. -0.035 min
 Lab File: BP003642.D
 Acq: 16 Oct 2020 15:13

Instrument :
 BNA_P
 ClientSampleId :
 PB132419BL

Tgt Ion:264 Resp: 698197
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.8 17.4 26.2

