

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010616.D
 Acq On : 29 May 2022 13:31
 Operator : CG/JU
 Sample : N2859-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-E3

Quant Time: May 30 02:05:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

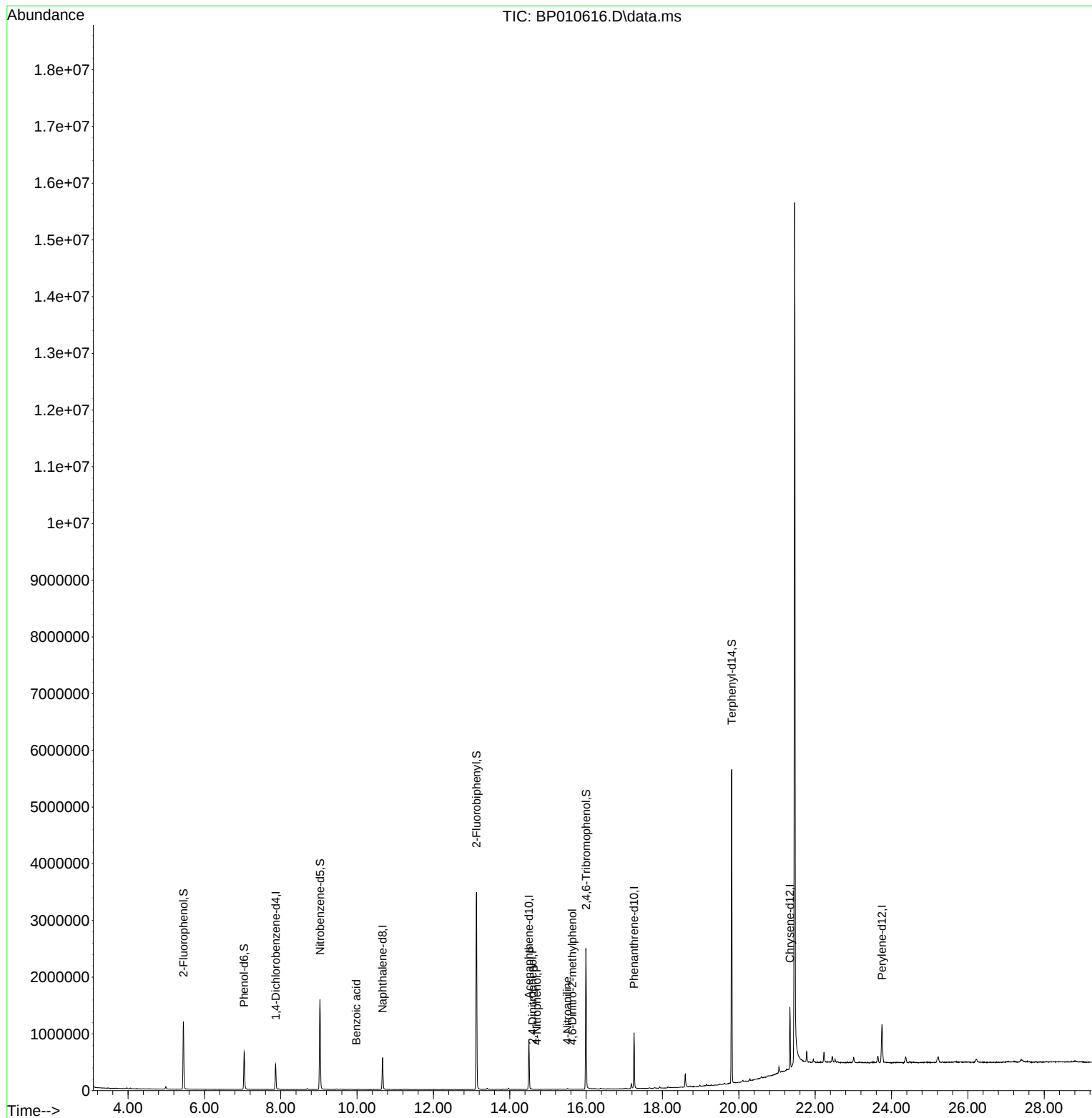
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	118680	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	462149	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	289103	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	592602	20.000	ng	0.00
76) Chrysene-d12	21.339	240	542281	20.000	ng	0.00
86) Perylene-d12	23.751	264	533498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	448031	68.870	ng	0.00
7) Phenol-d6	7.040	99	362881	39.292	ng	0.00
23) Nitrobenzene-d5	9.028	82	893882	91.445	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	448214	136.963	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1806498	88.683	ng	0.00
79) Terphenyl-d14	19.816	244	2701254	93.564	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	33	7.330	ng	# 1
54) 2,4-Dinitrophenol	14.598	184	27	6.655	ng	# 1
56) 4-Nitrophenol	14.710	139	102	3.624	ng	# 24
62) 4-Nitroaniline	15.510	138	94	2.152	ng	# 80
65) 4,6-Dinitro-2-methylph...	15.640	198	25	4.609	ng	# 1

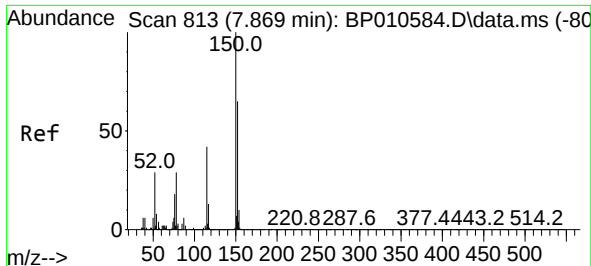
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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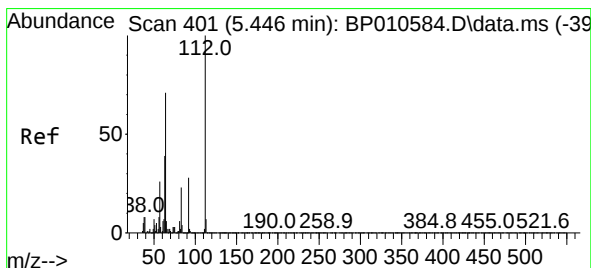
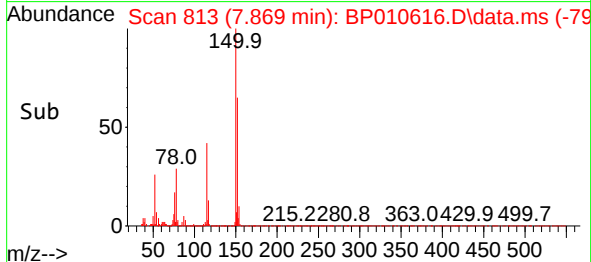
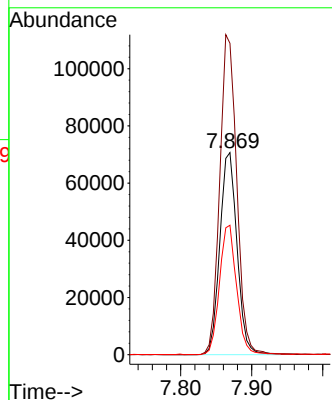
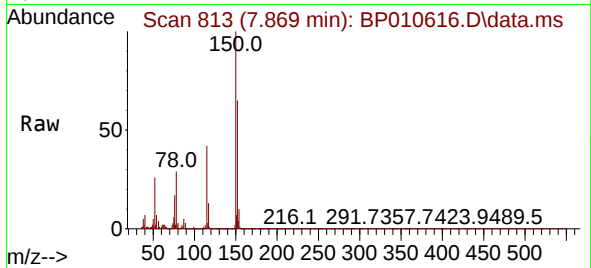




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

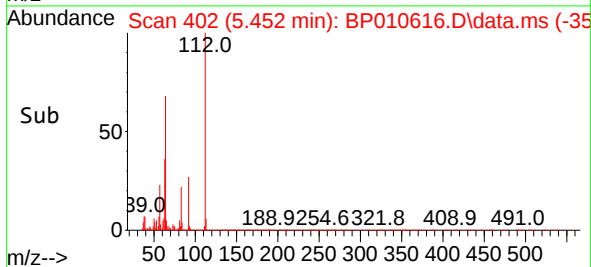
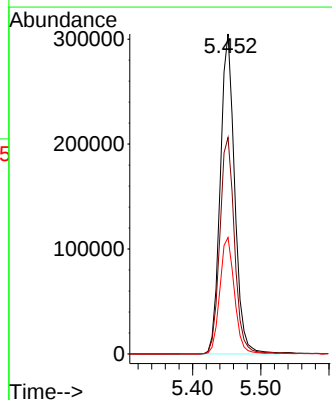
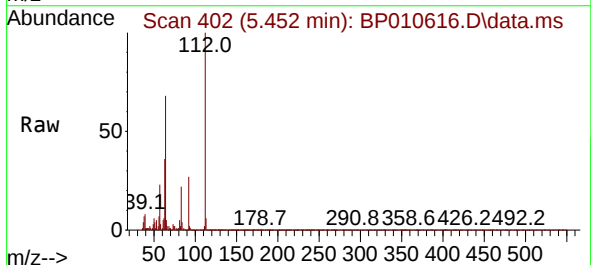
Instrument :
BNA_P
ClientSampleId :
PE-E3

Tgt Ion:152 Resp: 118680
Ion Ratio Lower Upper
152 100
150 154.1 123.4 185.2
115 64.1 51.3 76.9



#5
2-Fluorophenol
Concen: 68.870 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

Tgt Ion:112 Resp: 448031
Ion Ratio Lower Upper
112 100
64 67.7 56.9 85.3
63 36.4 31.2 46.8

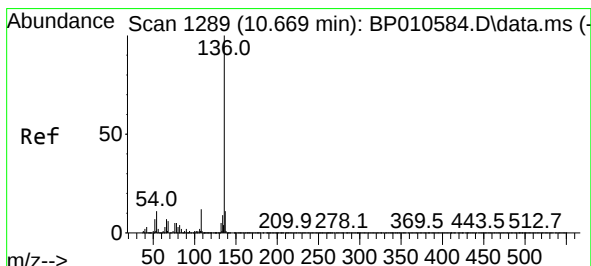
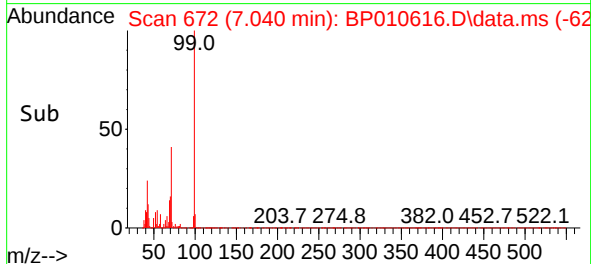
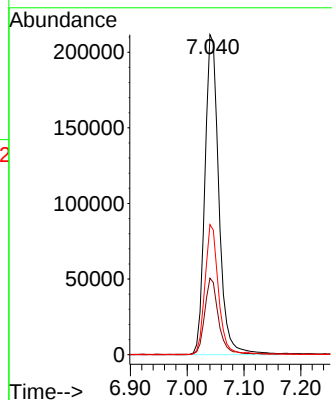
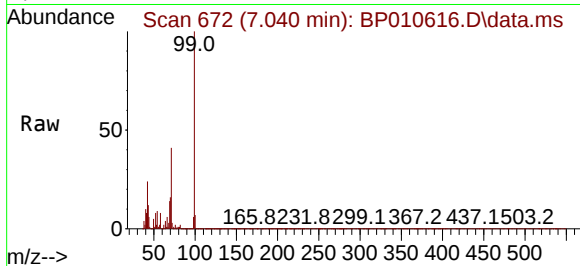




#7
Phenol-d6
Concen: 39.292 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

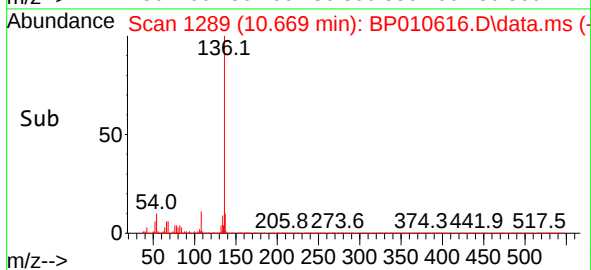
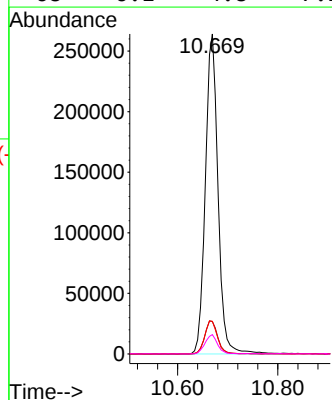
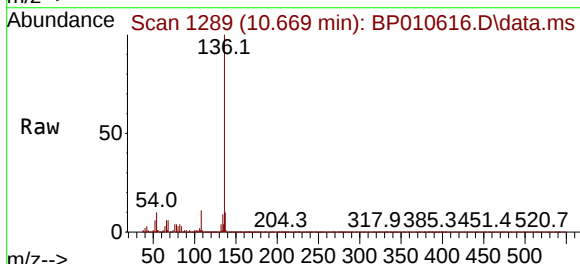
Instrument :
BNA_P
ClientSampleId :
PE-E3

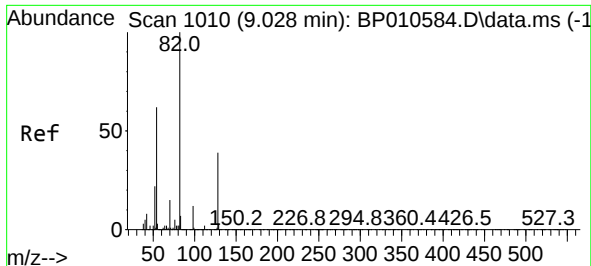
Tgt Ion: 99 Resp: 362881
Ion Ratio Lower Upper
99 100
42 23.9 20.3 30.5
71 40.7 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

Tgt Ion: 136 Resp: 462149
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.4
54 10.2 8.7 13.1
68 6.1 4.8 7.2

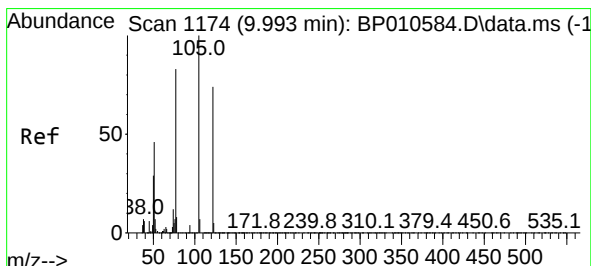
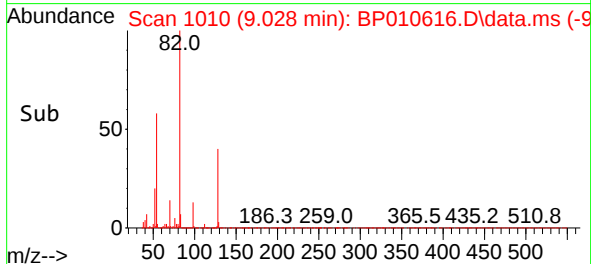
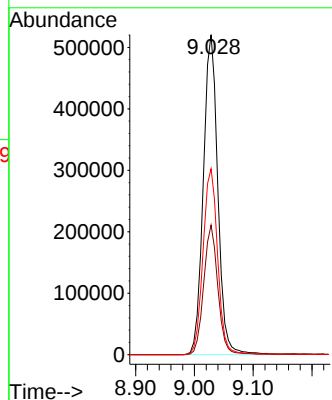
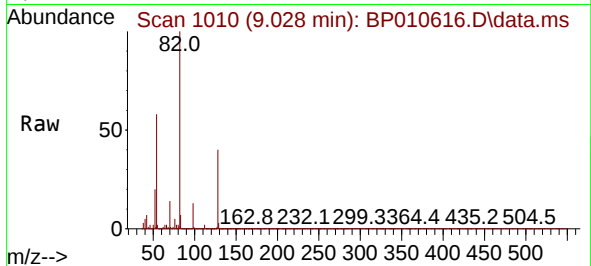




#23
Nitrobenzene-d5
Concen: 91.445 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

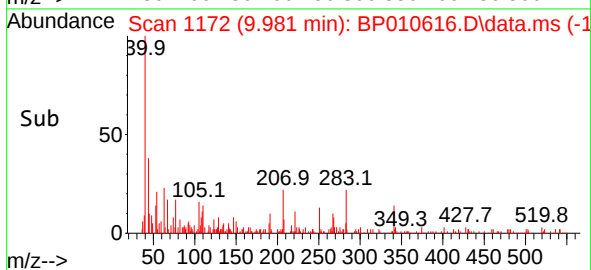
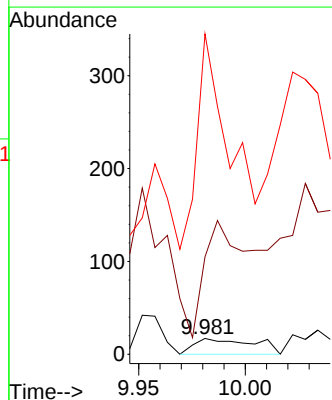
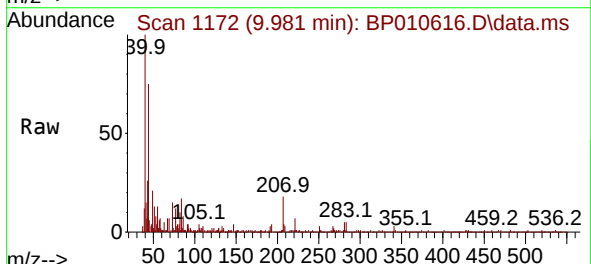
Instrument :
BNA_P
ClientSampleId :
PE-E3

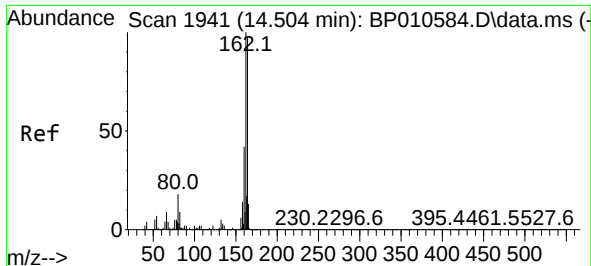
Tgt Ion: 82 Resp: 893882
Ion Ratio Lower Upper
82 100
128 40.5 31.3 46.9
54 58.1 49.8 74.8



#32
Benzoic acid
Concen: 7.330 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

Tgt Ion: 122 Resp: 33
Ion Ratio Lower Upper
122 100
105 617.6 112.6 152.6#
77 2029.4 90.2 130.2#

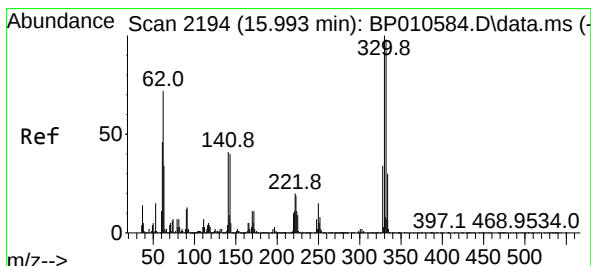
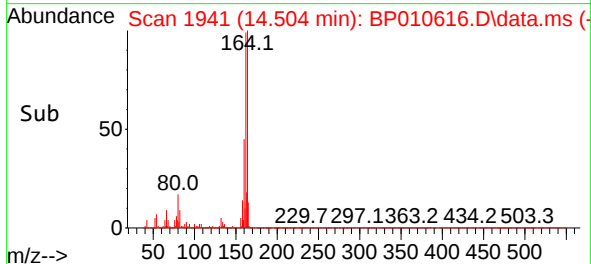
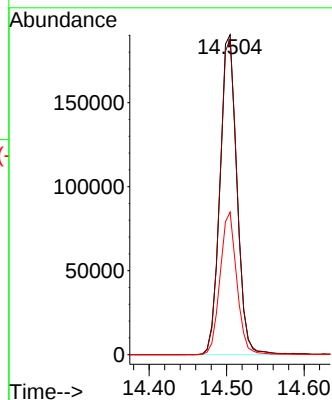
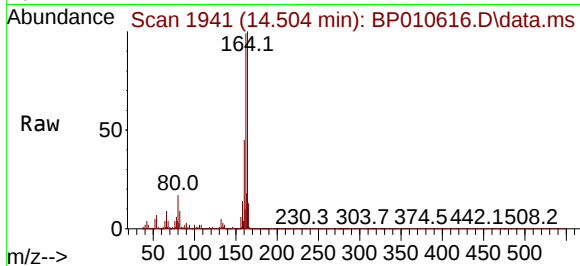




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

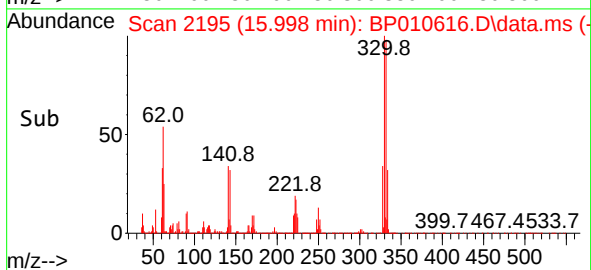
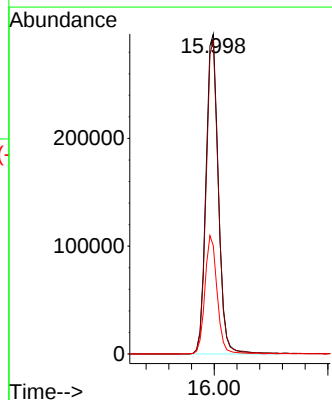
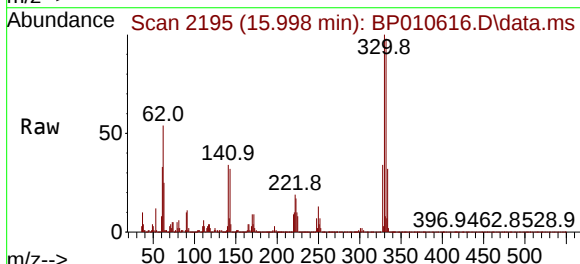
Instrument :
BNA_P
ClientSampleId :
PE-E3

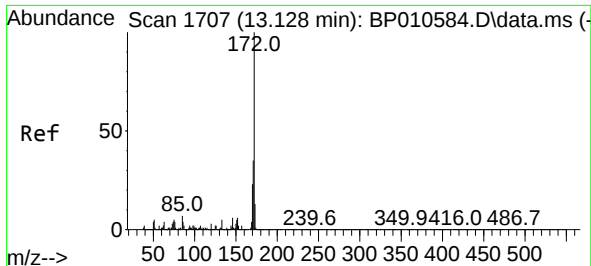
Tgt Ion:164 Resp: 289103
Ion Ratio Lower Upper
164 100
162 98.7 81.9 122.9
160 44.6 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 136.963 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

Tgt Ion:330 Resp: 448214
Ion Ratio Lower Upper
330 100
332 97.2 78.1 117.1
141 36.3 31.4 47.2

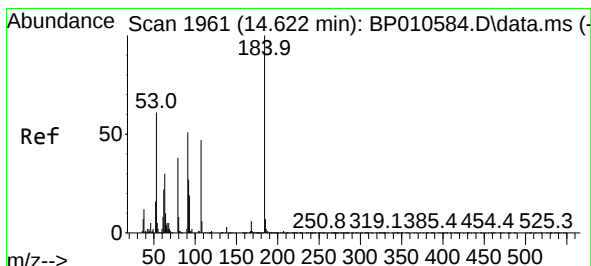
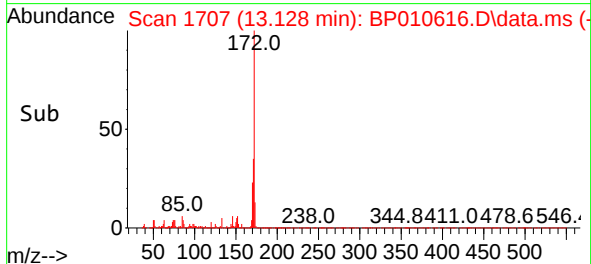
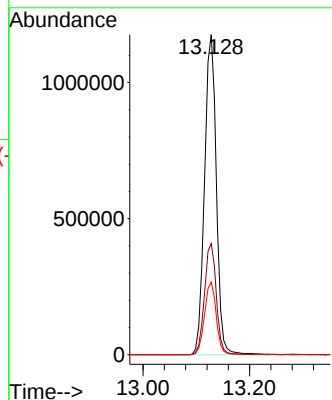
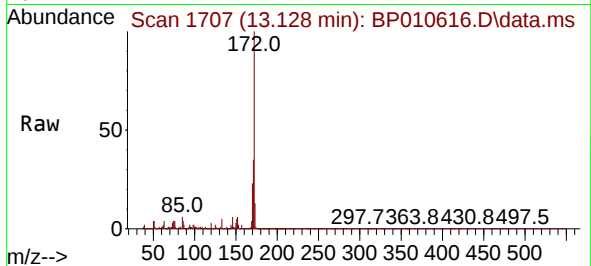




#45
2-Fluorobiphenyl
Concen: 88.683 ng
RT: 13.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

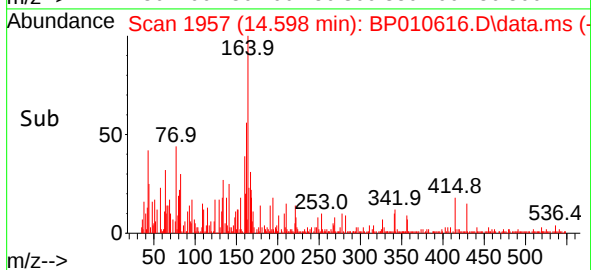
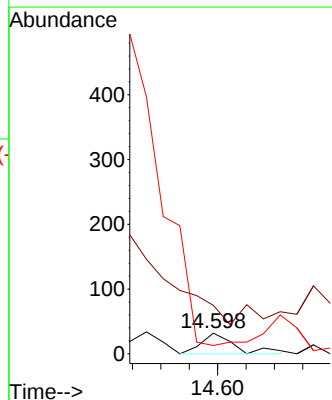
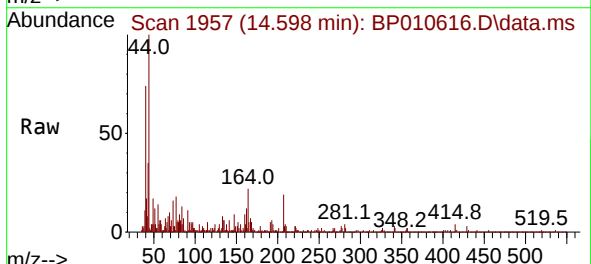
Instrument :
BNA_P
ClientSampleId :
PE-E3

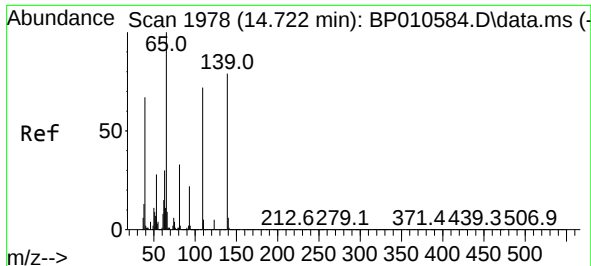
Tgt Ion:172 Resp: 1806498
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.6 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.655 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.024 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 234.4 65.4 98.2#
154 40.6 55.4 83.2#

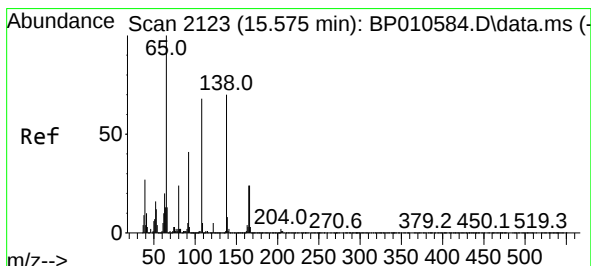
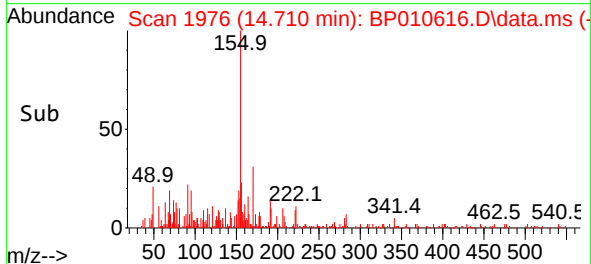
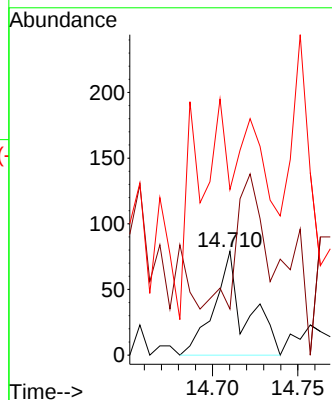
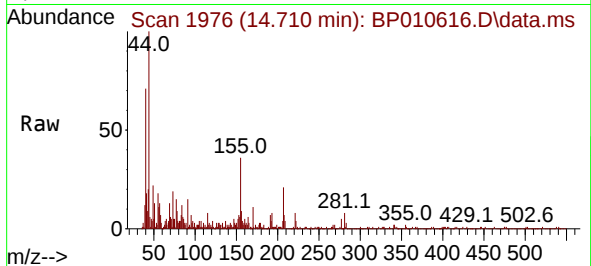




#56
4-Nitrophenol
Concen: 3.624 ng
RT: 14.710 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

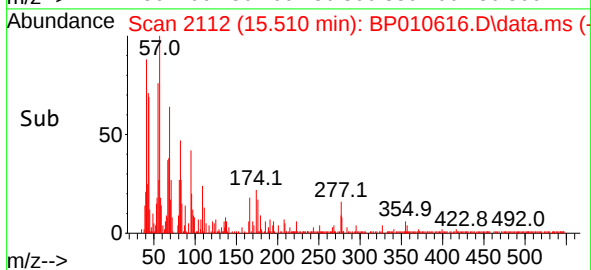
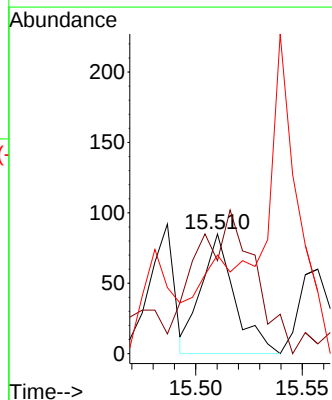
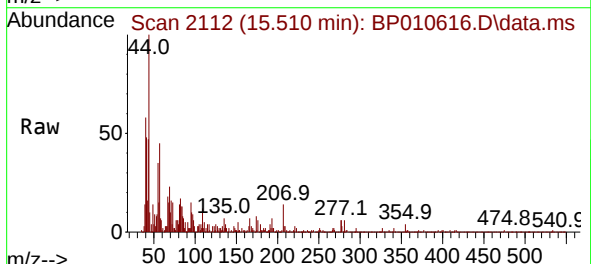
Instrument :
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PE-E3

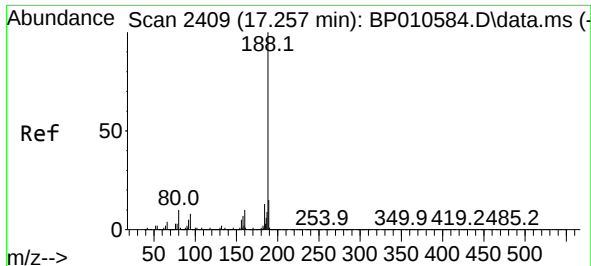
Tgt Ion:139 Resp: 102
Ion Ratio Lower Upper
139 100
109 44.3 70.6 110.6#
65 236.7 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.152 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.065 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

Tgt Ion:138 Resp: 94
Ion Ratio Lower Upper
138 100
92 77.6 38.0 78.0
108 82.4 77.6 117.6

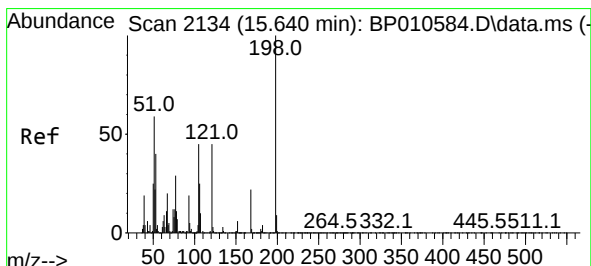
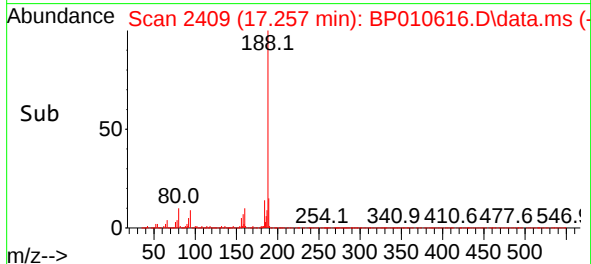
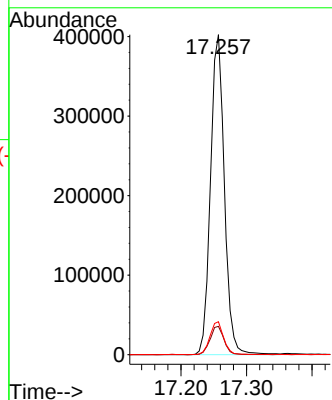
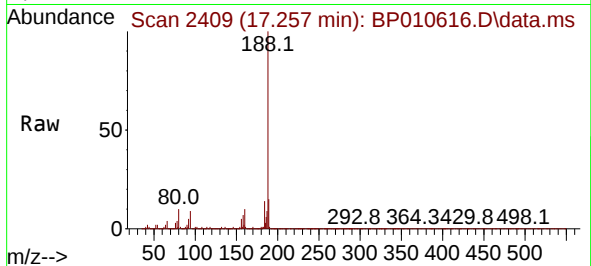




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

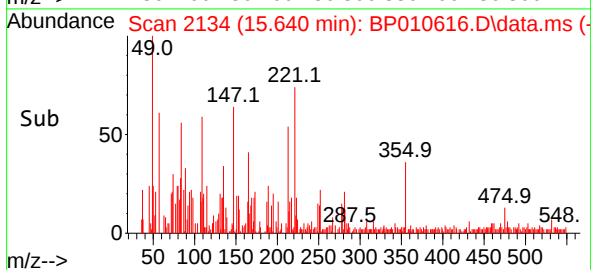
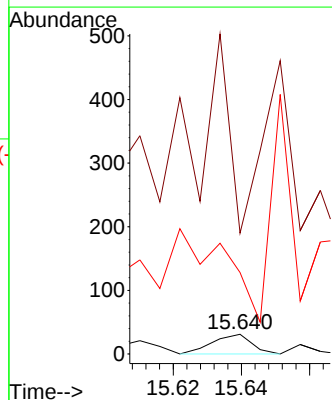
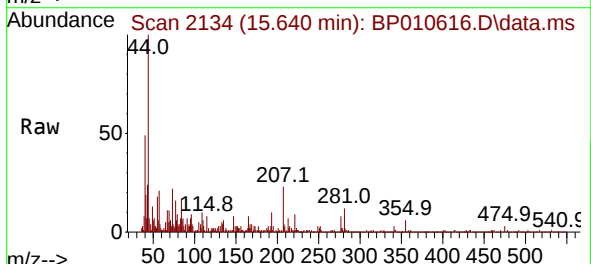
Instrument :
BNA_P
ClientSampleId :
PE-E3

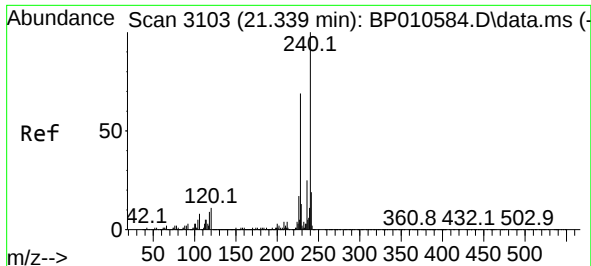
Tgt Ion:188 Resp: 592602
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 10.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.609 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 612.9 41.2 81.2#
105 412.9 25.3 65.3#

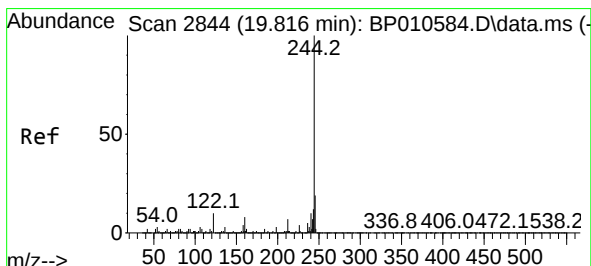
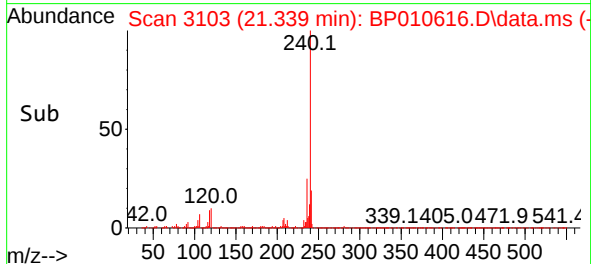
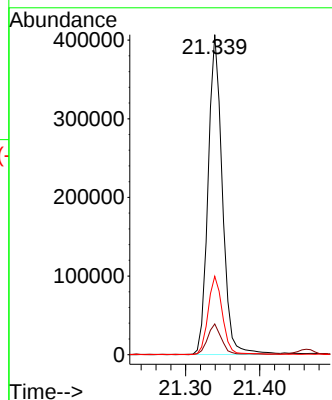
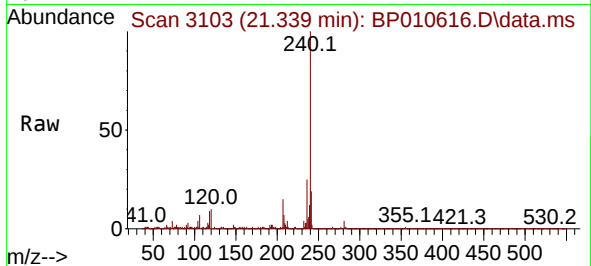




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

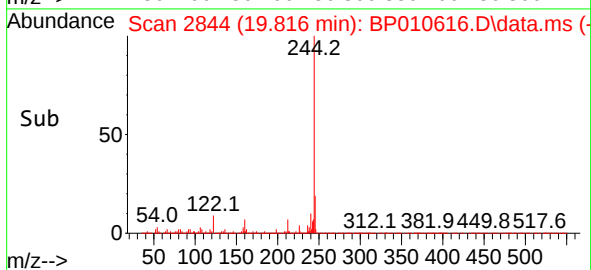
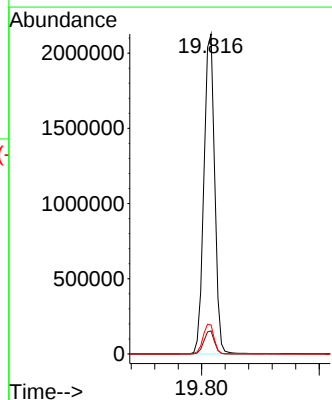
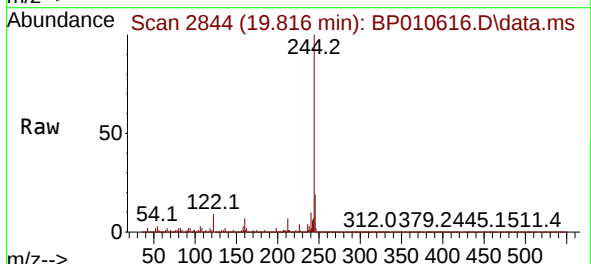
Instrument :
BNA_P
ClientSampleId :
PE-E3

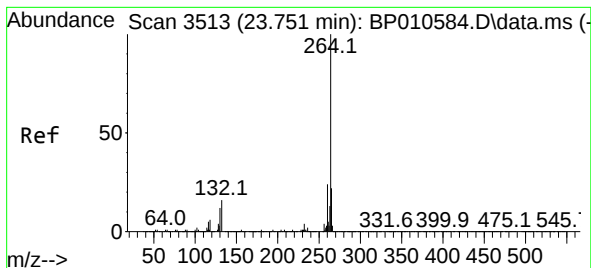
Tgt Ion:240 Resp: 542281
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 24.5 19.8 29.6



#79
Terphenyl-d14
Concen: 93.564 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010616.D
Acq: 29 May 2022 13:31

Tgt Ion:244 Resp: 2701254
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.0 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP010616.D

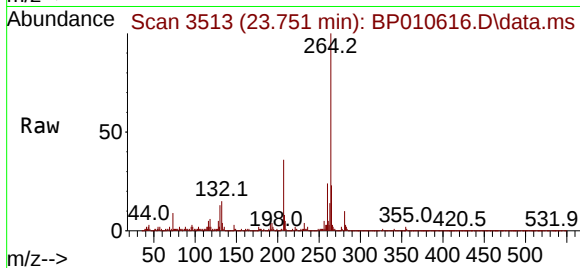
Acq: 29 May 2022 13:31

Instrument :

BNA_P

ClientSampleId :

PE-E3



Tgt Ion:264 Resp: 533498

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 23.2 18.0 27.0

