

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016449.D
 Acq On : 01 Aug 2023 11:05
 Operator : MA/JU
 Sample : 03769-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P39B

Quant Time: Aug 01 15:49:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

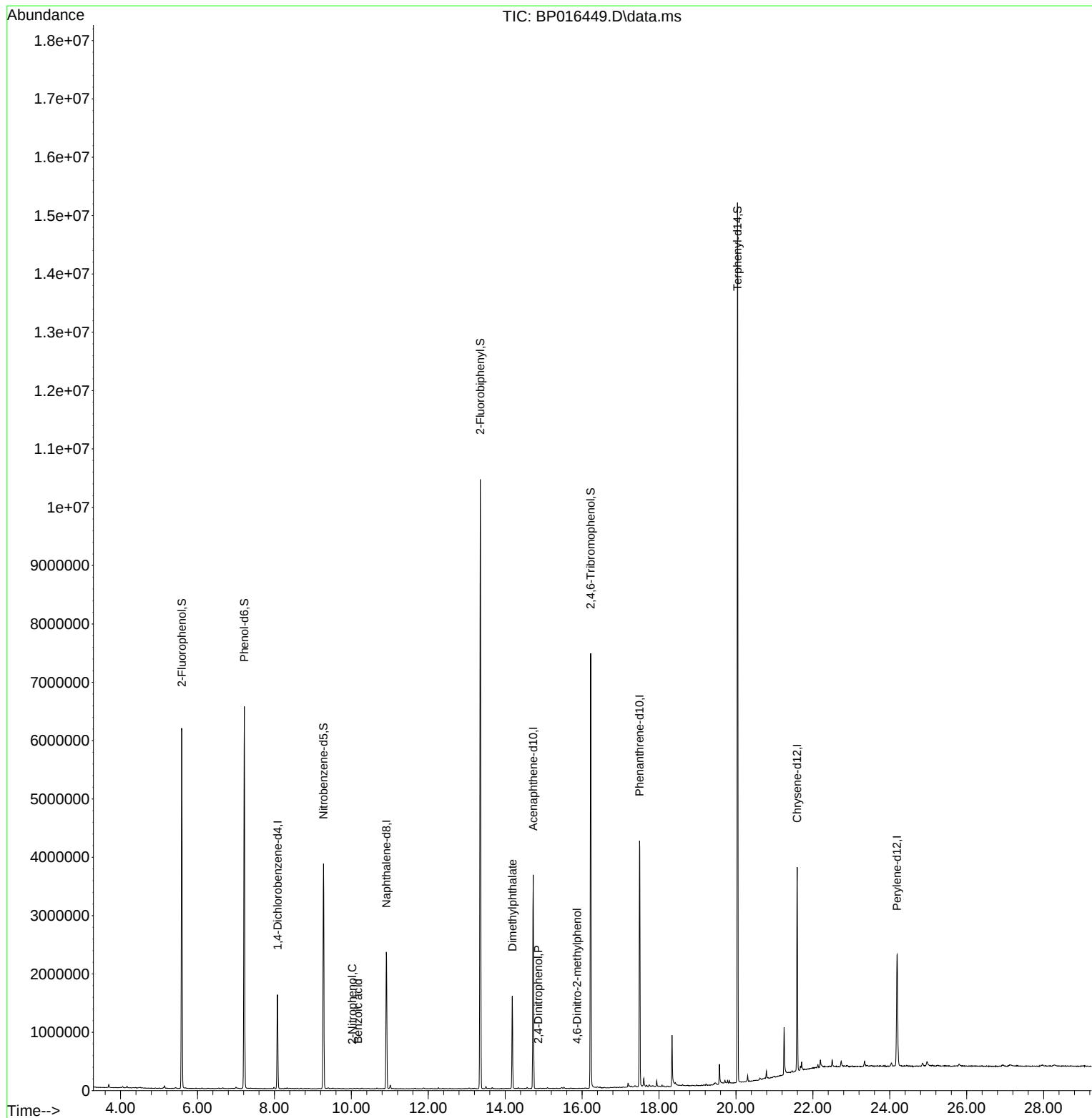
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	435993	20.000	ng	-0.01
21) Naphthalene-d8	10.910	136	1912364	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1182214	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2472092	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1604811	20.000	ng	0.00
86) Perylene-d12	24.186	264	1517860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2867011	107.279	ng	-0.01
7) Phenol-d6	7.216	99	3893039	106.277	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2210022	64.691	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1345098	77.340	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	5309080	64.383	ng	-0.01
79) Terphenyl-d14	20.039	244	7035176	92.604	ng	0.00
Target Compounds						
9) Benzaldehyde	7.216	77	7918	Below Cal	Qvalue	# 3
26) 2-Nitrophenol	10.022	139	40	3.128 ng	#	1
32) Benzoic acid	10.175	122	118	6.291 ng	#	1
50) Dimethylphthalate	14.186	163	986944	10.713 ng		99
54) 2,4-Dinitrophenol	14.857	184	21	8.004 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.869	198	26	6.303 ng	#	1

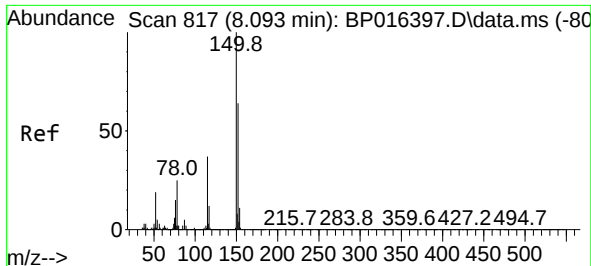
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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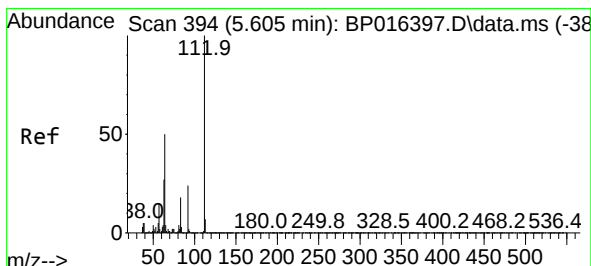
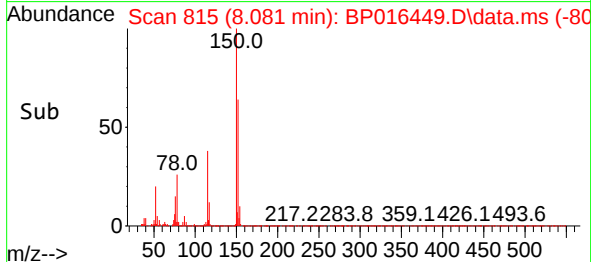
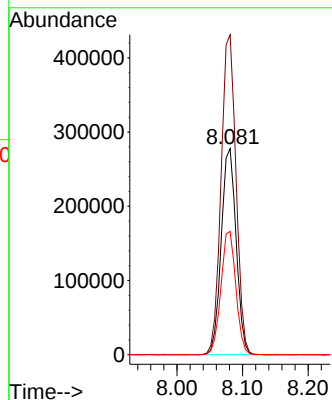
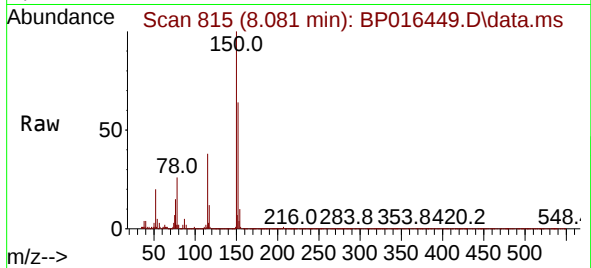




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

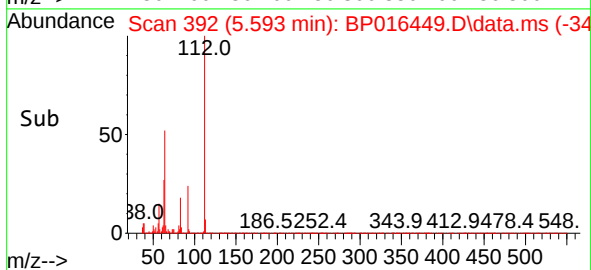
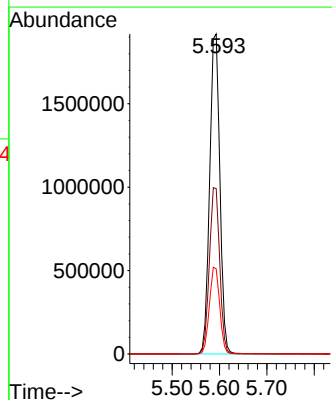
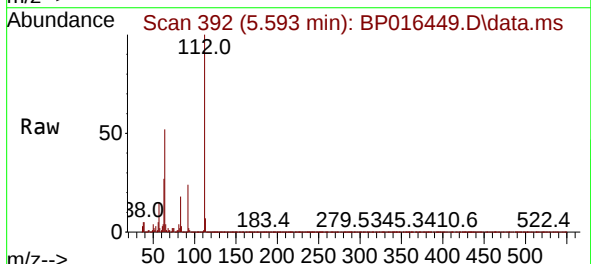
Instrument :
BNA_P
ClientSampleId :
B-P39B

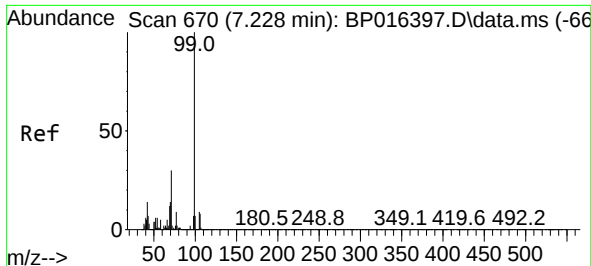
Tgt Ion:152 Resp: 435993
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 59.8 46.8 70.2



#5
2-Fluorophenol
Concen: 107.279 ng
RT: 5.593 min Scan# 392
Delta R.T. -0.012 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

Tgt Ion:112 Resp: 2867011
Ion Ratio Lower Upper
112 100
64 51.7 40.0 60.0
63 26.6 21.2 31.8

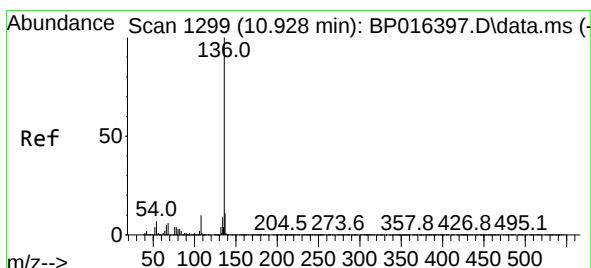
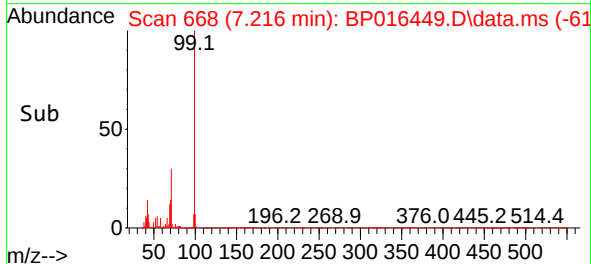
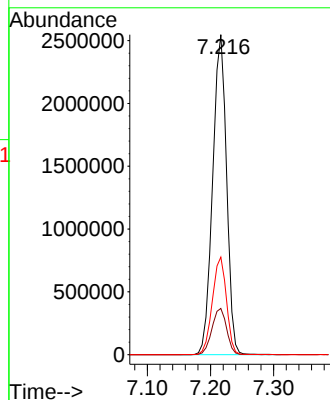
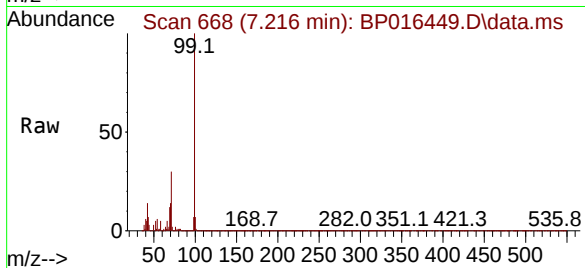




#7
Phenol-d6
Concen: 106.277 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

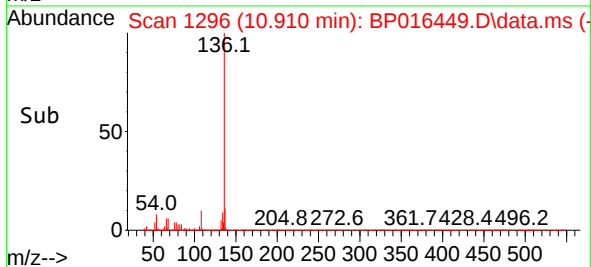
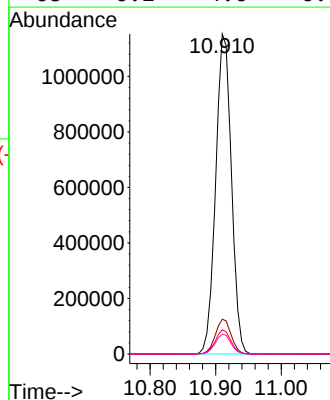
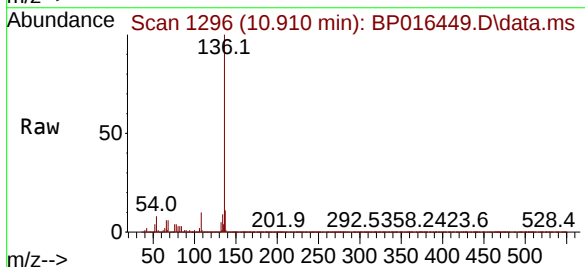
Instrument :
BNA_P
ClientSampleId :
B-P39B

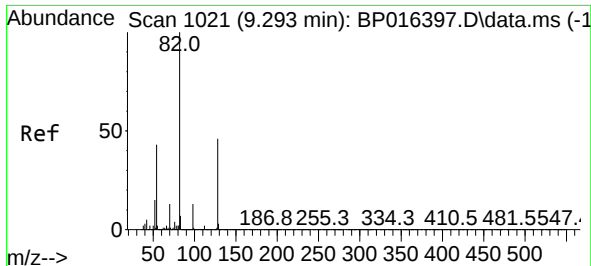
Tgt Ion: 99 Resp: 3893039
Ion Ratio Lower Upper
99 100
42 14.4 11.6 17.4
71 30.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

Tgt Ion:136 Resp: 1912364
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.6 5.6 8.4
68 6.2 4.6 6.8

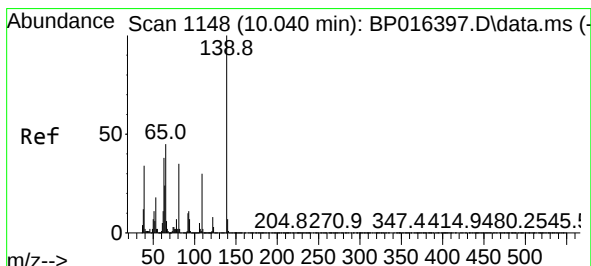
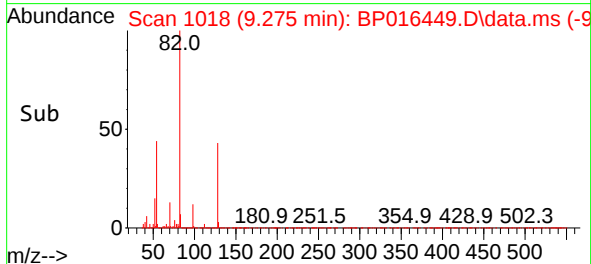
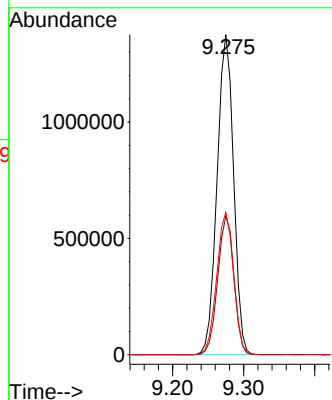
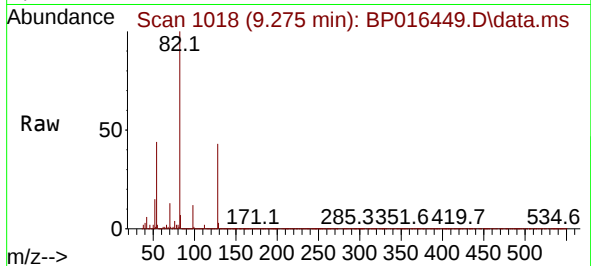




#23
Nitrobenzene-d5
Concen: 64.691 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

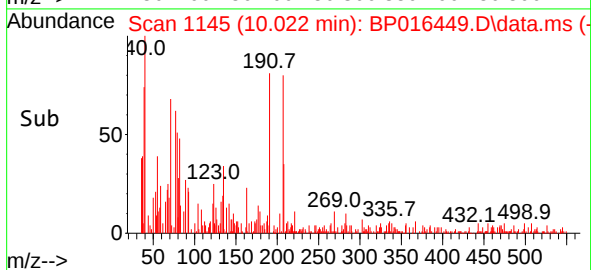
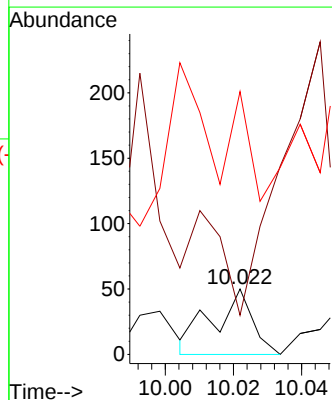
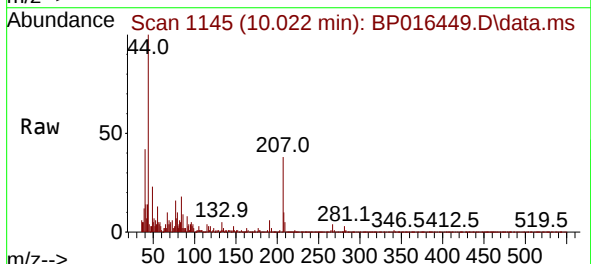
Instrument :
BNA_P
ClientSampleId :
B-P39B

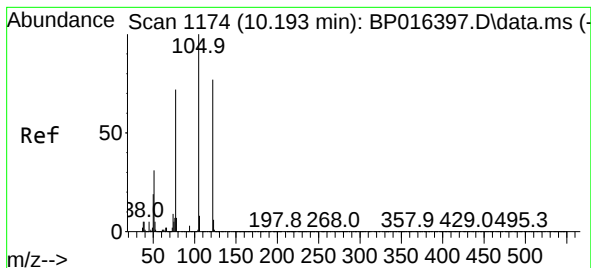
Tgt Ion: 82 Resp: 2210022
Ion Ratio Lower Upper
82 100
128 43.3 36.6 55.0
54 44.5 34.5 51.7



#26
2-Nitrophenol
Concen: 3.128 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.018 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

Tgt Ion: 139 Resp: 40
Ion Ratio Lower Upper
139 100
109 86.0 24.2 36.4#
65 402.0 35.8 53.6#

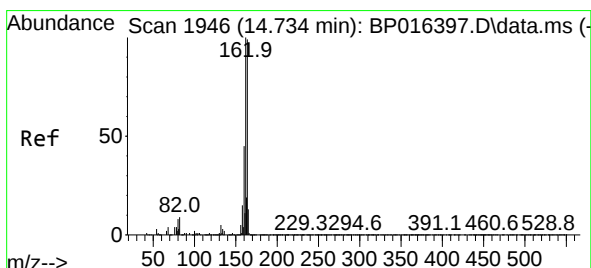
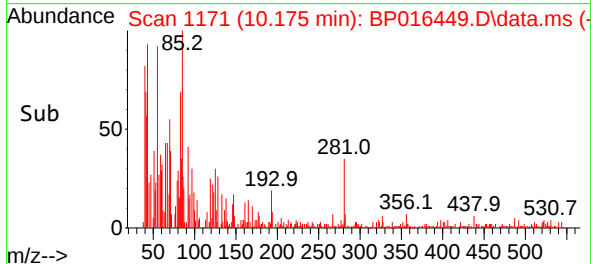
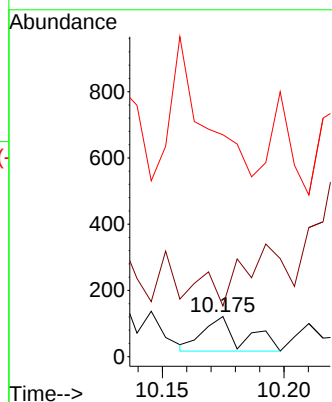
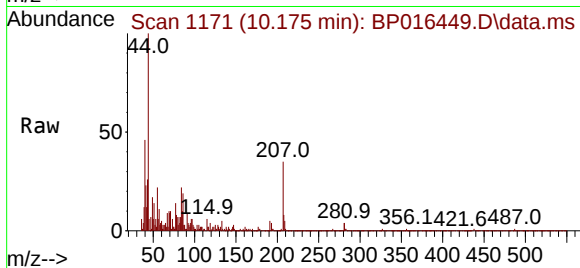




#32
Benzoic acid
Concen: 6.291 ng
RT: 10.175 min Scan# 1171
Delta R.T. -0.018 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

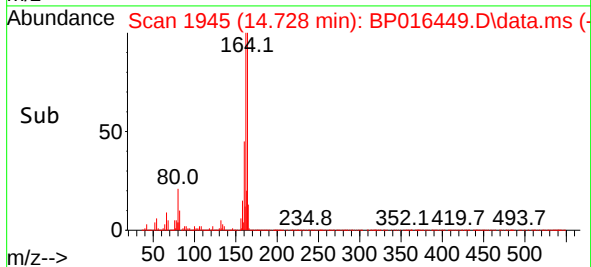
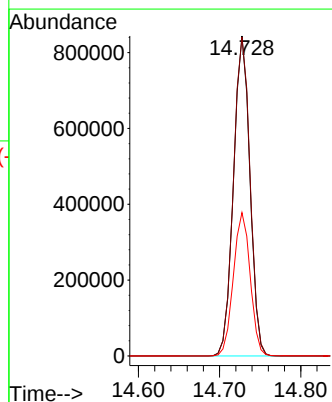
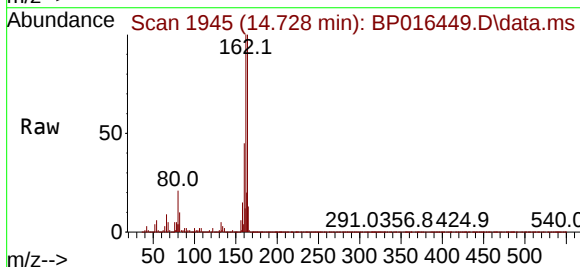
Instrument :
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ClientSampleId :
B-P39B

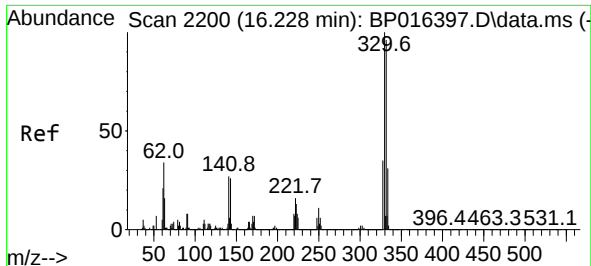
Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 126.4 105.2 145.2
77 553.7 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

Tgt Ion:164 Resp: 1182214
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.6
160 44.8 36.6 55.0

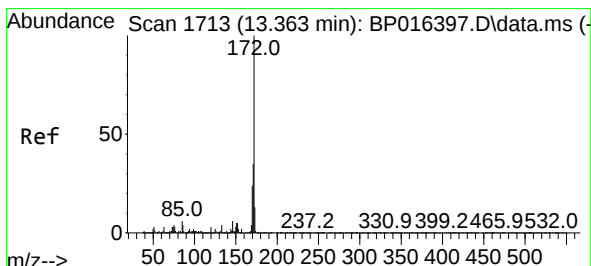
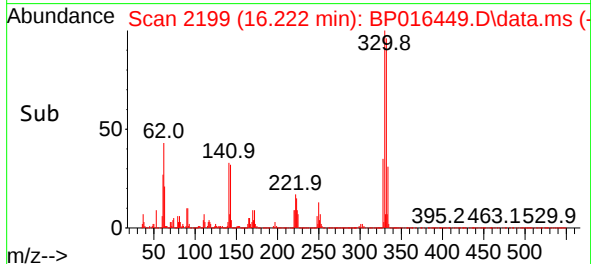
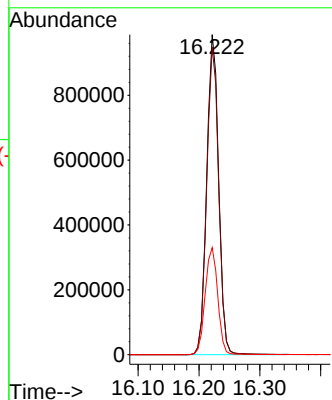
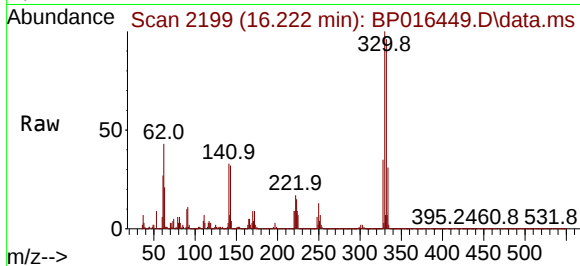




#42
2,4,6-Tribromophenol
Concen: 77.340 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

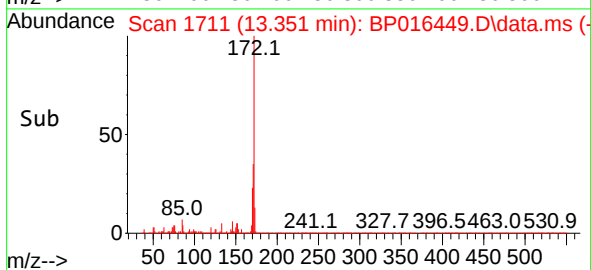
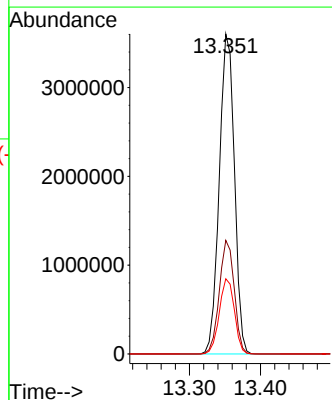
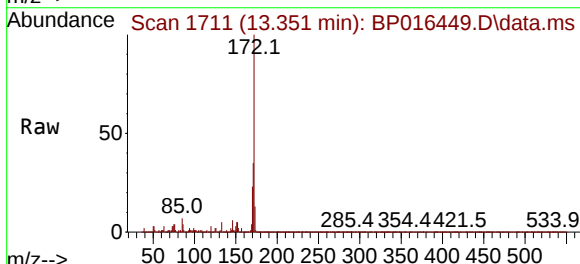
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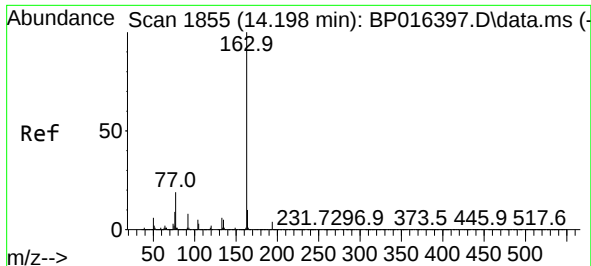
Tgt Ion:330 Resp: 1345098
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 35.2 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 64.383 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

Tgt Ion:172 Resp: 5309080
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 19.1 28.7

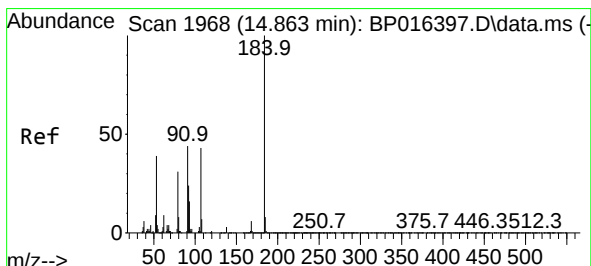
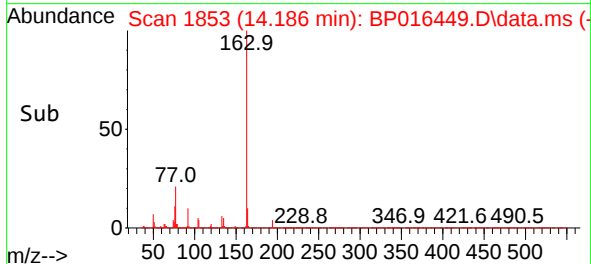
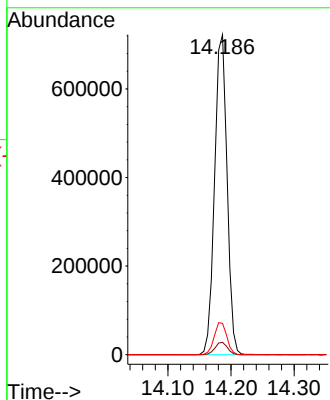
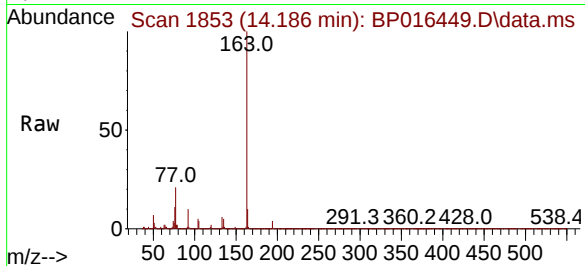




#50
Dimethylphthalate
Concen: 10.713 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

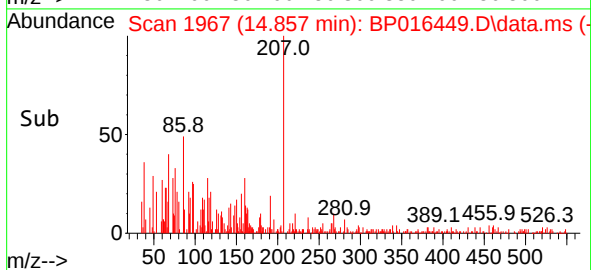
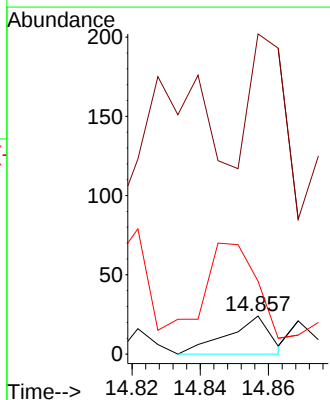
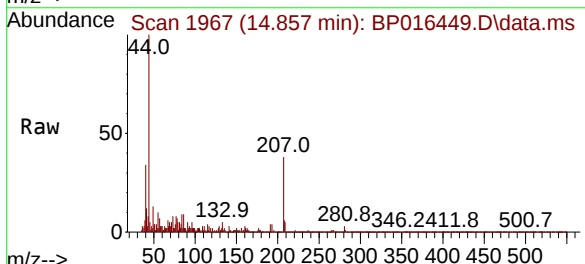
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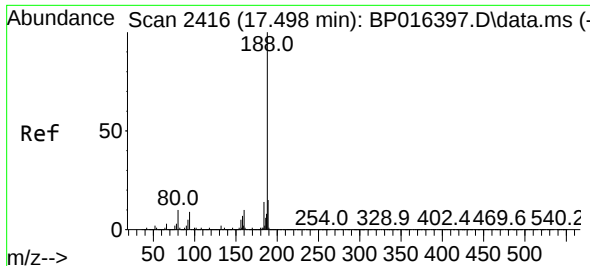
Tgt Ion:163 Resp: 986944
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.8 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 8.004 ng
RT: 14.857 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 841.7 48.2 72.4#
154 191.7 49.6 74.4#

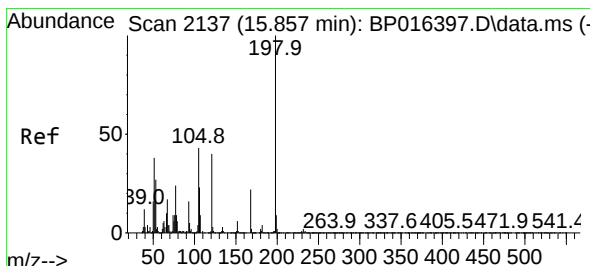
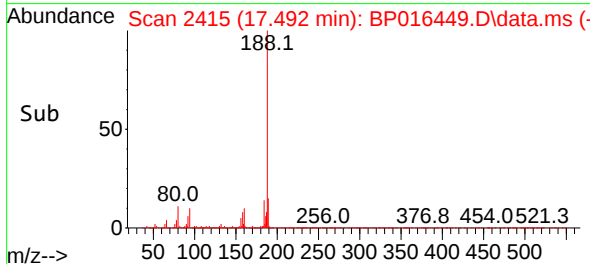
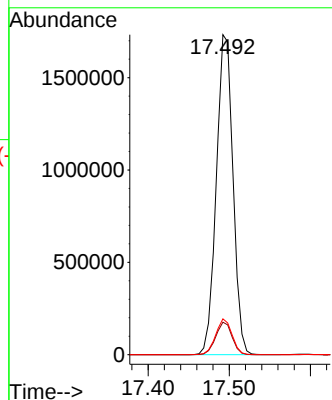
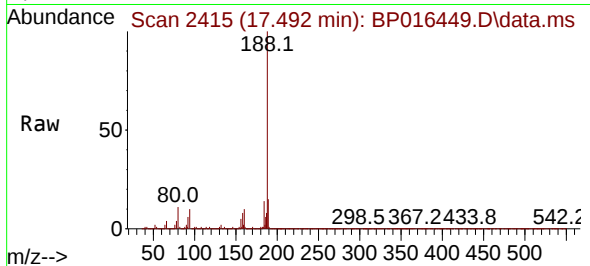




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

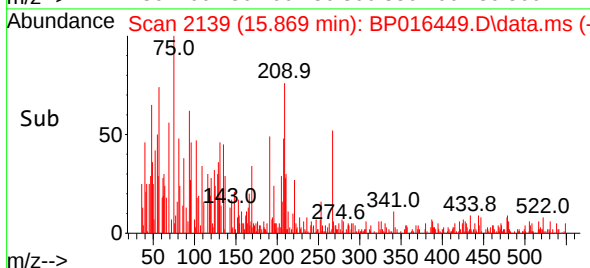
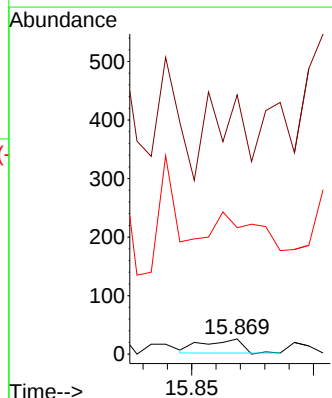
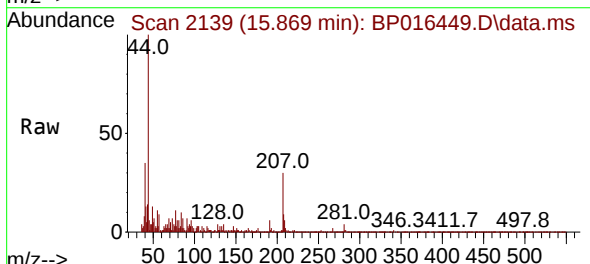
Instrument :
BNA_P
ClientSampleId :
B-P39B

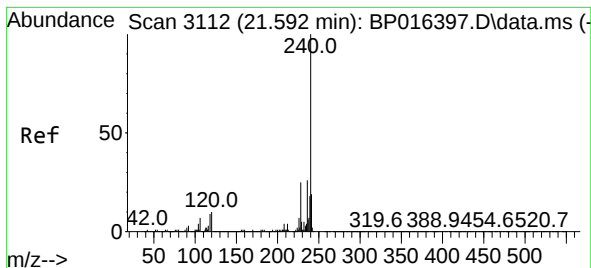
Tgt Ion:188 Resp: 2472092
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.2 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.869 min Scan# 2139
Delta R.T. 0.012 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 1703.8 20.1 60.1#
105 830.8 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP016449.D

Acq: 01 Aug 2023 11:05

Instrument :

BNA_P

ClientSampleId :

B-P39B

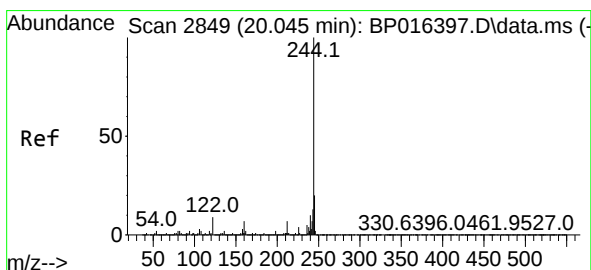
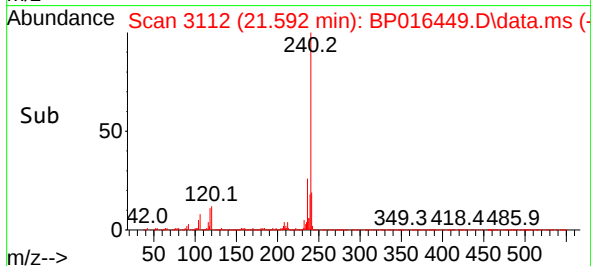
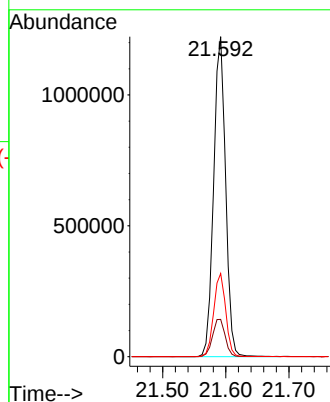
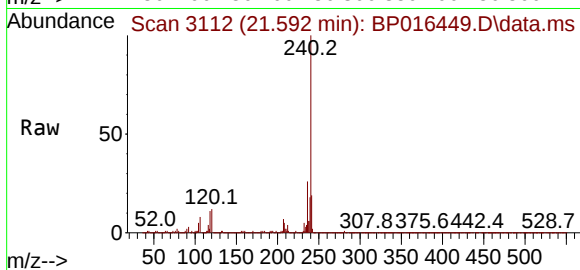
Tgt Ion:240 Resp: 1604811

Ion Ratio Lower Upper

240 100

120 11.6 7.9 11.9

236 26.0 21.1 31.7



#79

Terphenyl-d14

Concen: 92.604 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016449.D

Acq: 01 Aug 2023 11:05

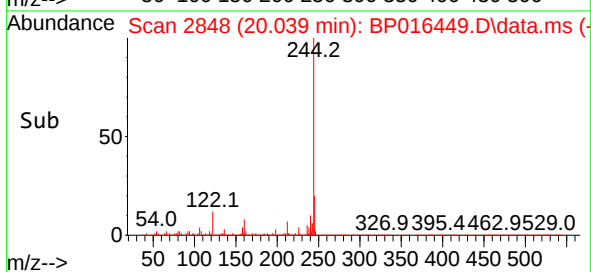
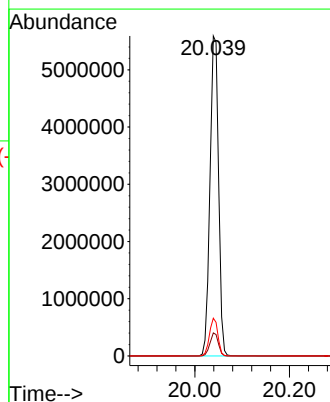
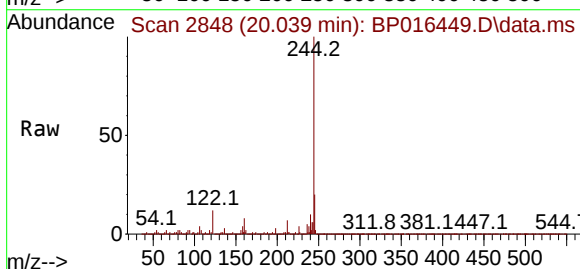
Tgt Ion:244 Resp: 7035176

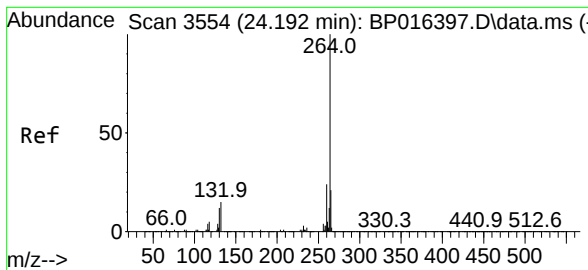
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.8 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP016449.D
Acq: 01 Aug 2023 11:05

Instrument :
BNA_P
ClientSampleId :
B-P39B

Tgt Ion:264 Resp: 1517860

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.3	17.4	26.0

